

106824

BUTLER MINE TUNNEL
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Memorandum to Honorable H.B. Chamburg, Secretary of Mines and Mineral Industries, from Mr. Wm. A. Sanders, Supervising Mine Inspector, re: Review of the mine water pools of the Northern Anthracite field, 10/1/66. P. 100001-100006. The review is attached.
2. Water or Waste Quality Reports, 1979. P. 100007-100364.
3. Handwritten data, re: Sampling analysis results, 1979. P. 100365-100383.
4. Handwritten data, re: Oil, DCB, and CN analysis results, 7/29/79. P. 100384-300388.
5. Handwritten data, re: Butler Tunnel outfall, 7/79 to 5/80. P. 100389-100391.
6. Handwritten notes, re: Witness of taking samples, 8/1/79. P. 100392-100393.
7. Handwritten data, re: Quantities of oil removed from the site, 8/79 to 9/79. P. 100394-100395.
8. Handwritten notes, re: Samples extracted form the site, 8/5/79. P. 100396-100396.
9. Memorandum to Mr. Tom Massey, U.S. EPA, from Mr. James Barron, Maryland Department of Natural Resources, re: Mouth oil sample number 1, 8/6/79. P. 100397-100398. An envelope is attached.
10. Chain of Custody Record for sample numbers 270185 and 270186, 8/7/79. P. 100399-100420. The following are attached:
 - a) a handwritten semi-quantitative results table;
 - b) eight table graphs;
 - c) a handwritten sampling table;
 - d) two Water or Waste Quality Reports.

* Administrative Record File available 4/24/90, updated 7/13/94, 8/27/96, and 9/11/96.

11. Chain of Custody Record for sample numbers 250231-250235, 8/8/79. P. 100421-100421.
12. Memorandum to Mr. Tom Sell from Mr. Hussein Aldis, re: Preliminary trip report, 8/9/79. P. 100422-100424.
13. Handwritten list of products removed from site, 8/10/79. P. 100425-100425.
14. Memorandum to Mr. Daniel Donnelly, U.S. EPA, from Mr. John Austin, U.S. EPA, re: Borehole at Highway Auto Services, 8/16/79. P. 100426-100426.
15. Report: Report on the Hydrologic and Mine Condition Related to a Pollution Incident in the Butler Mine, prepared by Mr. Jerrald R. Hollowell, 8/20/79. P. 100427-100429.
16. Water or Waste Quality Report, Special Analyses for sample number 25020, 8/21/79. P. 100430-100433. A graph and a handwritten note regarding Butler Tunnel samples are attached.
17. Handwritten data, re: Samples of oil, dichlorobenzenes, and cyanide, 10/1/79. P. 100434-100441.
18. Letter to Pennsylvania Department of Environmental Resources (PADER) from Mr. E. Robert Marks, Danville Municipal Authority, re: A chemical spill or infiltration that occurred in the Wilkes-Barre area, 10/8/79. P. 100442-100442.
19. Handwritten data, re: Mine drainage outfall, 10/30/79. P. 100443-100443.
20. Letter to PADER from Mr. E. Robert Marks, Danville Municipal Authority, re: Chemical spill or infiltration that occurred in the Wilkes-Barre area, 11/1/79. P. 100444-100444.
21. Handwritten data, re: Mine drainage outfall, 11/27/79. P. 100445-100445.
22. Complaint Form, 1/25/80. P. 100446-100446.
23. Handwritten data, re: Drainage analysis data, 1/30/80. P. 100447-100448.

24. Memorandum to Mr. Lou Naugle, PADER, from Mr. Robert M. Deluca, PADER, re: Borehole sampling location map, 1/31/80. P. 100449-100460. The map and borehole sampling descriptions are attached.
25. Handwritten data, re: Borehole sampling, 2/8/80. P. 100461-100462.
26. U.S. EPA Site Inspection Report, 2/8/80. P. 100463-100472.
27. Memorandum to Mr. Lou Naugle, PADER, from Mr. Robert M. Deluca, PADER, re: Sampling at Butler Mine area, 2/15/80. P. 100473-100478. The borehole sampling list is attached.
28. Facility Sampling List, 3/20/80. P. 100479-100482.
29. Handwritten data, re: Drilled borehole samples, 3/27/80. P. 100483-100487.
30. Memorandum to Mr. Louis A. Naugle, PADER, from Mr. Samuel E. Harvey, PADER, re: Transmittal of documentation on the Pittston spill, 4/23/80. P. 100488-100489. The documentation is attached.
31. Letter to Commissioner Walter J. Vicinelly, PADER, from Mr. Leon Brass, PADER, re: The number 7 borehole monitoring and sampling data, 5/1/80. P. 100490-100495. The data is attached.
32. Letter to Commissioner W.J. Vicinelly, PADER, from Mr. Leon Brass, PADER, re: The report for borehole numbers 4 and 7 monitoring sampling, 5/6/80. P. 100496-100504. The borehole monitoring and sampling data is attached.
33. Water or Waste Quality Report, Special Analyses for sample numbers 225197, 225209, 225200, and 225201, 5/27/80. P. 100505-100509. A Water and Wastewater Report is attached.
34. Letter to Commissioner Walter J. Vicinelly, PADER, from Mr. Leon Brass, PADER, re: The report and monitoring and sampling data for borehole number 5, 5/29/80. P. 100510-100515. The report and the monitoring and sampling data are attached.

35. Letter to Commissioner Walter J. Vicinelly, PADER, from Mr. Leon Brass, PADER, re: The report and monitoring and sampling data for borehole numbers 8 and 10, 6/9/80. P. 100516-100525. The reports and the monitoring and sampling data are attached.
36. Memorandum to PADER from Mr. Michael L. Webb, PADER, re: Test results of selected outfall samples, 6/27/80. P. 100526-100526.
37. Telephone conversation record of Mr. Craig Robertson, R.E. Wright Associates, Inc., re: Future discharge, 10/24/80. P. 100527-100528.
38. Letter to Mr. Craig G. Robertson, R.E. Wright Associates, Inc., from Ms. Ruthanne Gordon, U.S. EPA, re: Hydrogeology of the Butler Water Tunnel, 12/1/80. P. 100529-100529.
39. Memorandum to Ms. Ruthanne Gordon, U.S. EPA, from Mr. James Miller, U.S. EPA, re: Dichlorobenzene detected in the Danville water supply, 12/11/80. P. 100530-100554. The following are attached:
 - a) handwritten sample analysis results;
 - b) 20 Water or Waste Quality Reports from 1979;
 - c) a letter regarding a carbon treatment of a chemical spill, dated October 8, 1979;
 - d) a letter regarding carbon expenditures, dated November 1, 1979.
40. Memorandum to Ms. Ruthanne Gordon, U.S. EPA, from Mr. James Miller, U.S. EPA, re: Effects of cyanide on aquatic life, 1/21/81. P. 100555-100559. Two water quality tables are attached.
41. Memorandum to Ms. Ruthanne Gordon, U.S. EPA, from Mr. Jim Miller, U.S. EPA, re: Human health effects of cyanide, 1/21/81. P. 100560-100561.
42. Letter to Ms. Ruthanne Gordon, U.S. EPA, from Mr. Craig G. Robertson, R.E. Wright Associates, Inc., re: Butler Water Tunnel Incident, 1/30/81. P. 100562-100564.

43. Memorandum to Ms. Ruthanne Gordon, U.S. EPA, from Mr. James Miller, U.S. EPA, re: Results of the preliminary hydrogeology report of hazardous and toxic materials discharged from the site, 2/9/81. P. 100565-100584. Supporting data tables and air quality data are attached.
44. Memorandum to Ms. Ruthanne Gordon, U.S. EPA, from Mr. Samuel Rotenberg, U.S. EPA, re: Potential health effects of chemicals identified at Pittston, 2/19/81. P. 100585-100586.
45. Superfund Record of Communications to Mr. C. Walters, U.S. EPA, from Mr. T. Massey and Mr. J. Lafornera, U.S. EPA, re: Emergency incident at the site, 9/29/85. P. 100587-100587.
46. Superfund Record of Communications to Mr. T. Massey, U.S. EPA, from Mr. C. Walters, U.S. EPA, re: Discussion of health and safety issues at the site, 9/30/85. P. 100588-100588.
47. Report: Superfund: The Lessons of the Butler Tunnel, prepared by Mr. Richard C. Bird, Jr., National Campaign Against Toxic Hazards, Mr. Henry S. Cole, Clean Water Action Project and Mr. Michael Podhorzer, Citizen Action, 10/85. P. 100589-100602.
48. Report: Statement of Mr. Thomas I. Massey, Chief, Emergency Response Section, Environmental Protection Agency Region III, Before the Subcommittee on Commerce, Transportation, and Tourism, U.S. House of Representatives, (no author cited), 10/17/85. P. 100603-100605.
49. Facsimile to Mr. Steve Coldwall from Mr. Michael Nalipinski, U.S. EPA, re: Removal of pollutants discharged in a mine in the vicinity of the Skyliner Diner, 10/21/85. P. 100606-100607.
50. Report: Testimony of William N. Hedeman, Jr., Deputy Assistant Administrator, Office of Water Before the Subcommittee on Commerce, Transportation, and Tourism, Committee on Energy on Commerce, U.S. House of Representatives, (no author cited), 10/23/85. P. 100608-100610.
51. Witness list, 10/23/85. P. 100611-100614. A summary on Butler Mine Tunnel is attached.

52. Report: Remarks of R. Harry Bittle, Deputy Secretary for Environmental Protection, Pennsylvania Department of Environmental Resources, Before the Subcommittee on Commerce, Transportation, and Tourism, House Committee on Energy and Commerce, (no author cited), 10/23/85. P. 100615-100620. The Opening Statement of the Honorable James J. Florio, Chairman, is attached.
53. Hazard Ranking Score (HRS) Package, 11/1/85. P. 100621-100717.
54. Superfund Record of Communications to Mr. C.J. Walter, U.S. EPA, from Mr. T. Massey and Mr. D Wright, U.S. EPA, re: Immediate risk to public health, 11/26/85. P. 100718-100718.
55. Superfund Record of Communications to Mr. C. Carruthers from Mr. D. Wright and Mr. C. Walters, U.S. EPA, re: Mitigating the potential threat to the public, 11/27/85. P. 100719-100719.
56. Letter to Potentially Responsible Parties (PRPs) from Mr. S. McKenzie, Exxon Chemical Americas, re: Additional analytical test results on the 1985 Butler Tunnel discharge, 7/11/86. P. 100720-100720.
57. Water or Waste Quality Report for sample numbers: 270268, 8552130, 270264, 8550137, 270278, 270251, 270253, 270259, 8548795, 225329, 225331, 225333, 225339, 225341, 225343, 225345, 210062, 270243, 210065, 270241, 270245, 270247, 225327, 225325, 225323, 225262, 225321, 225319, 225317, 225315, 225313, 225311, 854487, 225270, 8544879, 225278, 225274, 8544880, 225272, 8544879, 225268, 8544877, 225264, 8544876, 8544880, 225245, 8544305, 225260, 8545135, 8544859, 225256, 225249, 8544369, 225247, 8544307, 225251, 8544311, 225258, 8544858, 225291, 225293, 225289, 8545137, 225287, 8545136, 225282, 225250, 8544310, 225246, 8544306, 225248, 8544308, 225252, 8544312, 225254, 8544856, 225309, 225305, 225303, 225301, 225299, and 225295, 11/12/85. P. 100721-100845.
58. Memorandum to Mr. Joseph L. Slayton, U.S. EPA, from Mr. Norman Fritsche, U.S. EPA, re: Cyanide determination of sample numbers 877731-01 to -13, 8/13/87. P. 100846-100847. A Chain of Custody Record is attached.
59. Memorandum to Mr. Joseph L. Slayton, U.S. EPA, from Mr. Ronald H. Altman, U.S. EPA, re: Mercury analysis of samples numbers 870731-01 to -13, 8/18/87. P. 100848-100848.

60. Memorandum to Mr. Joseph L. Slayton, U.S. EPA, from Mr. James Barron, U.S. EPA, re: PCB analysis of sample numbers 870731-01 to -13, 8/24/87. P. 100849-100850.
61. Memorandum to Mr. Joseph L. Slayton, U.S. EPA, from Mr. Stephen E. Buchanan, U.S. EPA, re: Metals determination results, 8/26/87. P. 100851-100855.
62. Letter to Mr. Dennis Giustra, Versar, Inc., from Mr. Joseph Slayton, U.S. EPA, re: Analytical reports, 8/26/87. P. 100856-100856.
63. National Priorities List (NPL) Site summary, Butler Mine Tunnel, (undated). P. 100857-100857.
64. Handwritten PADER Lab Results for Cyanide and Dichlorobenzene, (undated). P. 100858-100863.
65. List of Hazardous Substances and Reportable Quantities, (undated). P. 100864-100923.
66. Report: Mitre Model, Butler Tunnel, (no author cited), (undated). P. 100924-100932.
67. Butler Mine Tunnel Summary, (undated). P. 100933-100934.
68. Graph, (undated). P. 100935-100936.
69. Potential Hazardous Waste Site Inspection Report, Butler Tunnel, (undated). P. 100937-100946.
70. Fact Sheet, re: Drilling and cost measures for site activities, (undated). P. 100947-100947.
71. Summary of the History of Butler Mine Tunnel, (undated). P. 100948-100948.

II. REMEDIAL ENFORCEMENT PLANNING

1. Indenture between Pennsylvania Coal Company and Elmo Scatena and Genevieve Scatena, re: Transfer rights to the soil in certain lots, 9/21/55. P. 200001-200004.
2. Letter to Mr. John Appleyard, Marlin-Rockwell Corp., from Mr. Warren Scott, State of Connecticut, re: Laboratory reports, 3/25/58. P. 200005-200007. The reports for samples 12859, 12860, 13090, 13081, 13082, 13083, 13084, and 13085 are attached.
3. Letter to Mr. L.A. Cummings from Mr. John Appleyard, Marlin-Rockwell Corporation, re: Information regarding a Plainville Water Company well, 3/28/58. P. 200008-200010.
4. Letter to Marlin-Rockwell Corp. from Mr. Clifford G. Carter, Esbec Tumbling Division, re: Information for several Esbec Cleaners, 3/31/58. P. 200011-200011.
5. Letter to Mr. F.G. Greaves from Mr. C. Holmberg, re: Change in the compound used in barrels, 4/2/58. P. 200012-200012.
6. A floorplan of Marlin Rockwell Corporation, 4/3/58. P. 200013-200013.
7. Letter to Mr. Warren J. Scott, Sanitary Engineering Services, from Mr. Leroy W. Van Kleeck, Connecticut State Department of Health, re: Conference concerning pollution of the Plainville Water Company gravel packed wells, 4/9/58. P. 200014-200015.
8. Letter to Mr. L.A. Cummings from Mr. John Appleyard, re: Meeting concerning the Plainville Water Company's well contamination, 4/22/58. P. 200016-200016.
9. Letter to Mr. Max Priester, Betz Laboratories, from Mr. M.G. Berlind, Marlin-Rockwell Corp., re: Waste lagoon treatment, 4/23/58. P. 200017-200018.
10. Letter to Mr. Warren J. Scott, Sanitary Engineering Services, from Mr. J.S. Appleyard, Marlin-Rockwell Corporation, re: Progress of the Plainville Water Company problem, 5/2/58. P. 200019-200019.
11. Report: Preliminary Report, Industrial Waste Studies Marlin-Rockwell Corporation, prepared by Betz Laboratories, Inc., 7/25/58. P. 200020-200040.

12. Deed between Ersilla Scatena and Elmo Scatena, and Elmo Scatena and Genevieve Scatena, for the soil rights to .74 acres, 11/14/58. P. 200041-200044.
13. Letter to Mr. John Stifel, Marlin-Rockwell Corporation, from Mr. William A. Biebel, ESBEK Barrel Finishing Corporation, re: Composition of ESBEK #680, 2/26/59. P. 200045-200045.
14. Letter to Mr. Johnston from Mr. J.S. Appleyard, re: Information on the problem between Marlin-Rockwell Corporation and the Plainville Water Company, 12/18/59. P. 200046-200047.
15. Letter to Mr. L.A. Cummings from Mr. Appleyard, re: Transmittal of Plainville Water Company correspondence, 12/31/59. P. 200048-200048.
16. Report: Report of Meeting on Dec. 18, 1959 with the Plainville Water Company Representatives, prepared by Mr. J.S. Appleyard, 12/31/59. P. 200049-200050.
17. Report: Report of Meeting on Jan. 12, 1960 with the Plainville Water Company Representatives, prepared by Mr. J.S. Appleyard, 1/12/60. P. 200051-200052.
18. Letter to C.A. Berg from H.W. Zindler, re: A report on solutions to the Plainville Water Company problem, 1/28/60. P. 200053-200056. A letter dated January 25, 1960 regarding cost estimates and procedures for site clean-up and a letter dated January 5, 1960 regarding a meeting of the Connecticut Water Resources Commission are attached.
19. Map: Marlin-Rockwell and Adjacent Properties, #56038-Y, prepared by Marlin-Rockwell Corp., 2/1/60. P. 200057-200057.
20. Report: Report of Meeting on Feb. 11, 1960 with the Plainville Water Co. Representatives, prepared by J.S. Appleyard, 2/11/60. P. 200058-200059.
21. Letter to Mr. John Stifel, Marlin-Rockwell Corporation, from Mr. William A. Biebel, Esbec Barrel Finishing Corp., re: Contents of ESBEK #574 industrial compound, 2/23/60. P. 200060-200060.
22. Letter to B.E. Rogers from Mr. J.S. Appleyard, re: Status of water testing project, 2/26/60. P. 200061-200062.

23. Letter to Mr. Max Priester, Betz Laboratories, from M.G. Berlind, Marlin Rockwell Corporation, re: Drawings on a batch treatment system for plant liquid waste, 2/29/60. P. 200063-200063.
24. Letter to Mr. A. Bentley, Marlin-Rockwell Corp., from Mr. William A. Biebel, Esbec Corp., re: Water disposal problems at the Plainville Plant, 3/8/60. P. 200064-200065.
25. Letter to Mr. William A. Biebel, Esbec Barrel Finishing Corporation, from Mr. John Stifel, re: Esbec #574 Compound, 3/4/60. P. 200066-200066.
26. Report: Report of Meeting Between Representatives of the Plainville Water Co. and Marlin-Rockwell Corp. Wednesday, June 15, 1960. P. 200067-200071. A transmittal letter for the Henry Souther Engineering Co. report and laboratory data from M-R-C Research and Development Laboratories are attached.
27. Letter to Mr. J.S. Appleyard, Marlin-Rockwell Corporation, from Mr. William A. Wise, Connecticut Water Resource Commission, re: Approval of an industrial waste treatment plant, 7/13/60. P. 200072-200072.
28. Letter to Mr. Peter Fischer, Marlin-Rockwell Corporation, from Mr. Max Priester, Betz Laboratories, Inc., re: Handling and treatment of plant's waste, testing and recommendations, 2/21/61. P. 200073-200076.
29. Handwritten notes, re: Necessary steps addressing "treatment plant" situation, 3/29/61. P. 200077-200087. The following are attached:
 - a) a Progress Report, Detergent Contamination of Water Wells, prepared by J.H. Gustafson of M-R-C Research and Development Laboratories, dated March 27, 1961;
 - b) a Meeting Report of J.H. Gustafson's visit to New York State Department of Health on March 23, 1961;
 - c) a Meeting Report of J.H. Gustafson's visit to ESSO Oil Company on March 24, 1961;

- d) a detergent level report, PPM Detergent (Tide) in water samples (12/59-3/61), M-R-C Research and Development Laboratories.
30. Interoffice Letter to Mr. J.S. Appleyard from Mr. C.N. Holmberg, re: Visit of Mr. M.E. Hupfer, 5/22/61. P. 200088-200088.
 31. Letter to Mr. J.S. Appleyard, Marlin-Rockwell Corporation, from Mr. Merwin E. Hupfer, Connecticut Water Resources Commission, re: Analysis of samples collected during the May 5/25 to 26, 1961 visit and recommendations, 6/27/61. P. 200089-200090. The laboratory report is attached.
 32. Report: Inspection of Waste Treatment Plant, prepared by Mr. P. Fischer, 10/25/61. P. 200091-200091.
 33. Report: Report of Meeting on Water Problems, prepared by C.N. Holmberg, 10/30/61. P. 200092-200093.
 34. Letter to Dr. Richard J. Benoit, General Dynamics, from J.H. Gustafson, re: Detergent problem in water, 11/1/61. P. 200094-200095.
 35. Report: Chemical Analyses for the State of Connecticut Water Resources Commission on Synthetic Organic Materials in Ground Water, prepared General Dynamics Corporation, 1/62. P. 200096-200118.
 36. Letter to Mr. J.S. Appleyard, from Mr. C.N. Holmberg, re: State of Connecticut Water Resources Commission Report, prepared by Electric Boat Company on Plainville Area Water Samples, 5/29/62. P. 200119-200119.
 37. Letter to Mr. J.L. Murray, Humble Oil and Refining Company, from Mr. Jack H. Gustafson, M-R-C Research and Development Company, re: Disposal of anionic detergents at Marlin-Rockwell's Plainville plant, 6/18/62. P. 200120-200120.
 38. Letter to Mr. J. S. Appleyard, Marlin-Rockwell Corporation, from Mr. Merwin E. Hupfer, State of Connecticut Water Resources Commission, re: Transmittal of copies of "Synthetic Organic Materials in Ground Water" report, 6/29/62. P. 200121-200121.

39. Letter to Mr. John Appleyard, Marlin-Rockwell Corporation, from Mr. George H. Rohrs, Tappan Tanker Terminal, Inc., re: Lagoon waste removal proposal, 8/3/71. P. 200122-200123. A letter dated July 28, 1971 regarding a cost proposal for removal of waste is attached.
41. Administrative Order to Abate Pollution, In The Matter Of: Marlin-Rockwell Corporation, 2/25/74. P. 200124-200125.
42. Proposal: Lancy Laboratory Proposal -- Pollution Control - Capital Budget Item #17-745-19, prepared by Mr. C.N. Holmberg for Marlin-Rockwell Corporation, 4/25/74. P. 200126-200128. A Capital Expenditure Appropriations report is attached.
43. Interoffice Letter to P. Kremlik, Marlin-Rockwell Corporation, from C. Holmberg, Marlin-Rockwell Corporation, re: MRC Lagoon treatment and elimination, 12/17/75. P. 200129-200129.
44. Interoffice Letter to P. Kremlik, Marlin-Rockwell Corporation, from C. Holmberg, Marlin-Rockwell Corporation, re: Two methods of lagoon treatment, 12/19/75. P. 200130-200132. A letter dated December 19, 1975 regarding draining the lagoon is attached.
45. Report: Spill Control & Countermeasure Plan, prepared by Marlin-Rockwell Division of TRW, Inc., 5/21/76. P. 200133-200143.
46. Letter to Mr. Carl N. Holmberg, Marlin-Rockwell Division of TRW, Inc., from Mr. James F. Grier, Connecticut Department of Environmental Protection, re: Transmittal of laboratory analysis results for oil samples 4063 and 4064, 9/8/76. P. 200144-200145. The laboratory results are attached.
47. Letter to Mr. Myron B. Golber, DeLeuw, Cather & Company, from Mr. Thomas D. Lee, the Newlands Sanitary Laboratory, re: Transmittal of analyses of sample numbers 860685-860688, 9/30/76. P. 200146-200148. The analyses is attached.
48. Letter to Mr. Ron Putnam, TRW Inc., from Mr. Myron B. Golber, Deleuw, Cather & Company, re: Lagoon disposal alternatives, 11/9/76. P. 200149-200151.

49. Letter to Mr. James F. Grier, State of Connecticut Department of Environmental Protection, from Mr. Myron B. Golber of DeLeuw, Cather & Company, re: Disposal of oil lagoon, 1/3/77. P. 200152-200187. An analytical report on the project is attached.
50. Administrative Order In The Matter Of: State of Connecticut vs. Marlin-Rockwell Division of TRW, Inc., 3/16/77. P. 200188-200189.
51. Letter to Mr. Stanley J. Pac, State of Connecticut Department of Environmental Protection, from Mr. Ronald Putnam, TRW Marlin-Rockwell Division, re: Request for hearing, 4/14/77. P. 200190-200192.
52. Letter to Mr. Stanley J. Pac, State of Connecticut Department of Environmental Protection, from Mr. Ronald Putnam, TRW Marlin-Rockwell Division, re: Notification of the changes to the Abatement Order, 5/9/77. P. 200193-200194. The order is attached.
53. Interoffice letter to P.G. Kremlick, from Mr. Ron Putnam, re: The Capital Expenditures Appropriation report, 6/22/77. P. 200195-200201. The report is attached.
54. Interoffice letter to E.F. Myerholtz from Mr. Ron Putnam, re: Elimination of waste oil lagoon, 6/23/77. P. 200202-200202.
55. Memorandum to J. Fuller, C. Holmberg, P. Kremlick, R. LaBrecque, and J. St. Pierre, from Mr. Ron Putnam, re: Pollution control incinerator, 6/30/77. P. 200203-200204.
56. Memorandum to Mr. Joe St. Pierre, from Mr. Ron Putnam, re: Oil drippings, 6/30/77. P. 200205-200206. A letter dated June 28, 1977 regarding excess waste is attached.
57. Memorandum to J. Grier, et al, TRW, from Mr. Ron Putnam, TRW, re: Meeting notes on lagoon remediation, 6/30/77. P. 200207-200209. The notes are attached.
58. Letter to Mr. Ron Putnam, Marlin Rockwell Corporation, from Mr. Stanley J. Pac, State of Connecticut Department of Environmental Protection, re: Approval of a biological treatment system, 7/6/77. P. 200210-200211.

59. Letter to Mr. Ronald Putnam, TRW, from Mr. Stanley F. Arling, Town of Plainville, re: Authorization to proceed with a treatment process, 7/7/77. P. 200212-200219.
60. Letter to Mr. Walter Karabin, Town of Plainville, from Mr. Lawton S. Averill, The Minges Associates, Inc., re: Preliminary water analysis results, 11/30/77. P. 200220-200225. The sampling results are attached.
61. Letter to Mr. Ron Putnam, Marlin-Rockwell Corporation, from C.A. Caswell, Datagraphics, Inc., re: Laboratory test results of waste lagoon samples, 12/29/77. P. 200226-200244. The following are attached:
- a) a laboratory report prepared by Penn Environmental Consultants Inc.;
 - b) an article entitled "Determining the Effect of Petroleum Hydrocarbons on Aqueous Environments";
 - c) field notes for the Marlin-Rockwell plant site;
 - d) analysis data for samples taken from pump discharges.
62. Shipping Invoices and Vehicle Passes for Northeast Oil Services at Chrysler Corporation facilities, 1/5/78 to 12/30/79. P. 200245-200556.
63. Letter to Mr. Ron Putnam, Marlin-Rockwell Corporation, from C.A. Caswell, Datagraphics, Inc., re: Bio-reactor data, 1/16/78. P. 200557-200558.
64. Letter to Mr. Ron Putnam, Marlin-Rockwell Corporation, from Mr. Charles A. Caswell, Datagraphics, Inc., re: Status of the lagoon project, 6/26/78. P. 200559-200560.
65. Handwritten notes, re: Skimming of the lagoon, 8/24/78. P. 200561-200561.
66. Handwritten note, re: The lagoon oil layer, 8/24/78. P. 200562-200562.
67. Handwritten notes, re: Skimming activities, 8/31/78. P. 200563-200563.

68. Handwritten notes, re: A conversation with Mr. Rich Brown of The Hitchcock Gas Engine Co. about skimming, 8/31/78. P. 200564-200564.
69. Letter to Mr. Walter Karabin, Town of Plainville, from Mr. Carl N. Holmberg, TRW Marlin-Rockwell Division, re: Proposed intermediate holding, retention, and oil skimming process, 9/1/78. P. 200565-200565.
70. Letter to Mr. Walter Karabin, Town of Plainville, from Mr. Lawton S. Averill, The Minges Environmental Laboratory, re: Response to a memorandum from Mr. DeLeuw Cather, 9/7/78. P. 200566-200567.
71. Handwritten notes, re: Conversation with Mr. Rich Brown of The Hitchcock Gas Engine Co., 9/7/78. P. 200568-200568.
72. Handwritten notes, re: Conversation with Mr. Rich Brown of The Hitchcock Gas Engine Co. and Mr. Joan Vinci, 9/8/78. P. 200569-200569.
73. Handwritten notes, re: Conversation with Mr. Rich Brown of The Hitchcock Gas Engine Co., 9/11/78, 9/28/78. P. 200570-200570.
74. Handwritten notes, re: Conversation with Mr. Joe Vinci, 9/12/78 and 9/20/78. P. 200571-200571.
75. Letter to Mr. Ron Putnam, Marlin-Rockwell Division of TRW, Inc., from Mr. James F. Grier, Connecticut Department of Environmental Protection, re: Oily wastewater pretreatment facilities, 9/14/78. P. 200572-200572.
76. Letter to Mr. Carl Holmberg, Marlin-Rockwell Division of TRW, Inc., from Mr. Walter M. Karabin, Town of Plainville, re: Transmittal of comments by Lawton Averill of Minges Associates, 9/14/78. P. 200573-200573.
77. Invoice to Marlin-Rockwell Company, from Hitchcock Gas Engine Co., for lagoon pumping and disposal of waste, 9/20/78. P. 200574-200574.
78. Handwritten note to Carl from Ed, re: Lagoon activities, 10/9/78. P. 200575-200576. Handwritten notes regarding a conversation with Hitchcock Gas Engine Co. are attached.

79. Handwritten notes, re: Conversation with Mr. Rich Brown of The Hitchcock Gas Engine Co., 10/11/78. P. 200577-200578.
80. Handwritten notes, re: Oil lagoon samples and a conversation with Mr. Rich Brown of The Hitchcock Gas Engine Co., 10/12/78 to 10/13/78. P. 200579-200581.
81. Purchase Order to Hudson Oil Refining from Marlin-Rockwell Division of TRW, Inc. for acceptance of two loads of waste oil per day from Hitchcock Oil Pollution Systems, 10/24/78. P. 200582-200588. Purchase requisitions and acknowledgements are attached.
82. Handwritten notes, re: Hitchcock Gas Engine Co. activities, 11/3/78. P. 200589-200589.
83. Letter to Mr. Stanley J. Pac, Connecticut Department of Environmental Protection, from Mr. Ron Putnam, Marlin-Rockwell Division of TRW, Inc., re: Request for an extension of Abatement Order 2082 deadlines, 11/6/78. P. 200590-200590.
84. Handwritten notes, re: Hitchcock Gas Engine Co. activities, 11/6/78 to 11/7/78. P. 200591-200591.
85. Handwritten notes, re: Hitchcock Gas Engine Co. activities, 11/27/78. P. 200592-200592.
86. Invoice to TRW Marlin-Rockwell Division from Newtown Refining Corp. for removal of 5500 gallons of liquid waste, 11/27/78. P. 200593-200595. A list of Newtown and Hudson Pickups of TRW Oil from Hitchcock in 1978 and 1979 and a letter regarding seepage of industrial wastes into water supplies are attached.
87. Handwritten notes, re: Hitchcock Gas Engine Co. activities, 11/28/78. P. 200596-200596.
88. Handwritten memorandum to Mr. Ron Putnam, Marlin-Rockwell Division of TRW, Inc., from Mr. Carl N. Holmberg, Marlin Rockwell Division of TRW, Inc., re: Hitchcock vs. Newtown Oil Hauls, 12/14/78. P. 200597-200597.
89. Hudson Refining Corp. remittance advice, delivery receipts, and invoices for Ford Motor Company, 1/79 to 5/80. P. 200598-201493.

90. Letter to Mr. Richard Brown, The Hitchcock Gas Engine Co., from Mr. Carl N. Holmberg, TRW Marlin-Rockwell Division, re: Return of invoice, 1/31/79. P. 201494-201495. The invoice is attached.
91. Handwritten notes, re: The lagoon incinerator, 3/2/78. P. 201496-201498.
92. Invoices, receipts, letters, and handwritten notes concerning the pick-up and disposal of water soluble oil between Hitchcock Oil Pollution and TRW Marlin-Rockwell Division, 3/79-7/79. P. 201499-201521.
93. Hudson Oil Refining Corp. pick up receipts and bills of lading for Alcan Aluminum Corporation, 6/79-7/13/79. P. 201522-201569.
94. Hudson Oil Refining Corp. bill for load of liquid waste removal to Heroux Inc., 6/19/79. P. 201570-201572. A delivery receipt and confirmation of the order are attached.
95. Letter to Mr. Stanley J. Pac, Connecticut Department of Environmental Protection, from Mr. Carl N. Holmberg, TRW Marlin-Rockwell Division, re: Abatement Order No. 2082 (Modified 11/78), 8/17/79. P. 201573-201574.
96. Special Waste Manifest, for Buckeye Pipe Line, 8/2/79. P. 201575-201575.
97. Daily Job Reports prepared by Coastal Services, Inc., re: Buckeye Pipe Line, 9/5/79 to 10/24/79. P. 201576-201585. A Special Waste Manifest is attached.
98. Letter to Mr. Joseph Good, Jr., from Mr. Walter J. Gilbert, PADER, re: Holding tank proposal, 9/24/79. P. 201586-201588. A handwritten note and a memorandum regarding hauling waste are attached.
99. Billings Analysis prepared by Coastal Services, re: Buckeye Pipe Line clean tank #149, 10/23/79. P. 201589-201589.
100. Letter to Mr. Robert Dine, Chrysler Defense Plant, from Mr. John J. Purcell, Pennsylvania Department of Justice, re: Investigation of Hudson Oil and Refining Company, 10/26/79. P. 201590-201590.

101. Letter to Mr. W. O'Connell, Pennsylvania Department of Justice, from Mr. Sanford L. Zahler, Chrysler Corporation Scranton Defense Plant, re: Transmittal of invoice shippers for Hudson Oil, 10/31/79. P. 201591-201591.
102. Letter to Mr. Frederick J. Karl, Bureau of Solid Waste Management, from Mr. Carl Holmberg, TRW, Inc., 12/2/79. P. 201592-201592.
103. Checks payable to Polar Industries, from Buckeye Pipe Line Company, 12/7/79 to 7/23/80. P. 201593-201794. Invoices, pick-up receipts, and accounting record sheets are attached.
104. Letter to Mr. David L. Archibald, New York Department of Environmental Conservation, from Mr. Russell W. Mahler, re: Response to a request for information to a supplement permit application, 2/29/80. P. 201795-201797.
105. Letter to Mr. Robert E. Dine, Chrysler Corporation, from John J. Purcell, Bureau of Criminal Investigations, re: Investigation of Hudson Oil Refining, 6/10/80. P. 201798-201798.
106. Letter to Mr. K. Daniel, Office of Criminal Law and Enforcement, from Mr. Carl Holmberg, TRW, Inc., re: Contents of oil skimmed from the lagoon. 6/19/80. P. 201799-201799.
107. Twenty Description of Hazardous Waste forms, 8/12/80. P. 201800-201819.
108. Notification of Hazardous Waste Activity, Exxon Research and Engineering Company, 8/13/80. P. 201820-201821.
109. Notification of Hazardous Waste Activity, Alcan Aluminum Corporation, 8/18/80. P. 201822-201823.
110. Notification of Hazardous Waste Activity, Exxon Bayway Refinery, 8/18/80. P. 201824-201825. A report listing additional commercial chemical product hazardous wastes is attached.
111. Notification of Hazardous Waste Activity, Exxon Bayonne Plant, 8/18/80. P. 201827-201828.
112. Notification of Hazardous Waste Activity, Exxon Company Linden Terminal, 8/18/80. P. 201829-201830.

113. Notification of Hazardous Waste Activity, Goulds Pumps Inc., 8/18/80. P. 201831-201832.
114. Invoice number 1883 to Peabody Coastal Services from Polar Industries Inc. for 3000 gallons delivered, 9/18/80. P. 201833-201834. A Special Waste Manifest is attached.
115. Daily Job Report, prepared by Coastal Services, Inc., Buckeye Pipe Line Co., 9/23/80. P. 201835-201838. Invoice number 0013, a Special Waste Manifest, and a daily job report are attached.
116. Invoice number 0036 to Peabody Coastal Services from Quanta Resources Corporation for 3800 gallons delivered, 10/3/80. P. 201839-201842. A daily job report, invoice number 0074, and a Special Waste Manifest are attached.
117. Daily job report prepared by Coastal Services, Inc., for Buckeye Pipeline, 10/15/80. P. 201843-201845. Invoice number 0079 and a Special Waste Manifest are attached.
118. Certificate of Analysis, per Lab Work Order #30452, for Analysis of Wastewater Sample Submitted August 15, 1980, prepared by M.J. Reider Associates, Inc., 2/17/81. P. 201846-201846.
119. Letter to Mr. Morris Trichon, U.S. EPA, from Mr. Peter Segretto, Alcan Aluminum Corporation, re: Classification of waste oil, 1/21/85. P. 201847-201850. A letter dated November 9, 1983 regarding the reclassification of Alcan's Waste Oil Concentrate, a letter dated October 31, 1983 regarding the results of laboratory analysis on sample received September 29, 1983, and a Laboratory Report regarding Concentrate-EP Tox Leachate are attached.
120. Letter to Ms. Patricia Wells, U.S. EPA, from Mr. Steven DuBois, Alcan Sheet and Plate, re: Information requested by U.S. EPA pertaining to possible responsible parties who sold hazardous substances or wastes to a corporation in Edgewater, New Jersey, 1/23/85. P. 201851-201854. A Hazardous Waste Manifest for Aluminum Dross and a Hazardous Waste Manifest for PCB Contaminated Articles and PCB Oil are attached.

121. Letter to Ms. Patricia Wells, U.S. EPA, from Mr. Jon Readnour, The Upjohn Company, re: Response to a request from EPA for information about Quanta Resources Edgewater Terminal, 2/11/85. P. 201855-201858. The response is attached.
122. Letter to Ms. Mary M. Letzkus, U.S. EPA, from Mr. Thomas P. Donohue, General Dynamics, re: Request for an extension to respond to the inquiry about the Quanta Resources Site, 2/28/85. P. 201859-201861. A letter regarding dated March 20, 1985 regarding a response to the inquiry is attached.
123. Letter to Ms. Patricia Wells, U.S. EPA, from Mr. Jon S. Readnour, The Upjohn Company, re: Request to delete The Upjohn Company from the PRP list for the Quanta Resources Site, 4/17/85. P. 201862-201865. The affidavit of Mr. Louis A. Claveloux is attached.
124. Letter to Ms. Patricia Wells, U.S. EPA, from Mr. Jon S. Readnour, the Upjohn Company, re: Follow-up letter to the request to delete The Upjohn Company from the PRP list for the Quanta Resources Site, 5/22/85. P. 201866-201867.
125. Letter to Mr. Jean Horwath, Buckeye Pipeline Co., from Mr. Karl Stimeling, M.J. Reider Associates, Inc., re: Analysis of breakout water samples, 5/29/85. P. 201868-201870. A Certificate of Analysis, Analysis of Wastewater Sample Submitted August 15, 1980, is attached.
126. Letter to Mr. McAtarian, Andax Environmental Corporation, from Ms. Patricia Wells, U.S. EPA, re: Notification that Andax Environmental Corporation is no longer considered a PRP, 6/11/85. P. 201871-201871.
127. Letter to Ms. Patricia Wells, U.S. EPA, from Mr. Jon S. Readnour, The Upjohn Company, re: Provision of documentation and analytical results verifying the constituent information contained in the affidavit of Mr. Louis Claveloux, 6/14/85. P. 201872-201875. A Request for Non-Routine Assay, Control Lab Number 374, and a Request for Non-routine Assay, Control Lab Number 541 are attached.
128. Letter to Mr. Jon S. Readnour, The Upjohn Company, from Ms. Patricia Wells, U.S. EPA, re: Notification that the Upjohn Company is no longer considered a PRP for the Quanta Resources Site, 6/28/85. P. 201876-201876.

129. Memorandum to file from Mr. Victor J. Janosik, U.S. EPA, re: Immediate removal action and PRPs for the site, 12/2/85. P. 201877-201887. A list of PRPs is attached.
130. Letter to Mr. Russell Mahler from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201888-201893. A site sketch, an envelope, and a certified mail receipt are attached.
131. Letter to Mr. Lewis Claveloux, The Upjohn Company, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201894-201897. Two certified mail receipts are attached.
132. Letter to TRW, Inc. from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201898-201901. Two certified mail receipts are attached.
133. Letter to Stanley Tools from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201902-201904.
134. Letter to Mr. Louis Scatena from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201905-201908. Two certified mail receipts are attached.
135. Letter to Mr. Gerard Scatena from Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201909-201912. Two certified mail receipts are attached.
136. Letter to Mrs. Genevieve Scatena from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201913-201916. Two certified mail receipts are attached.
137. Letter to Mr. Elmo "Terry" Scatena from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201917-201920. Two certified mail receipts are attached.
138. Letter to Mr. Michael Davis from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201921-201926. A site sketch, an envelope, and two certified mail receipts are attached.

139. Letter to Mr. Richard Zimmer from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201927-201930. Two certified mail receipts are attached.
140. Letter to Mr. Robert Vancio from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201931-201936. A site sketch, an envelope, and two certified mail receipts are attached.
141. Letter to Mr. Harry Sutton from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201937-201942. A site sketch, an envelope, and two certified mail receipts are attached.
142. Letter to Mr. Kenneth Mansfield from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201943-201946. Two certified mail receipts are attached.
143. Letter to Mr. Waldo Machado from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201947-201950. two certified mail receipts are attached.
144. Letter to Portland Holding Company from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201951-201956. A site sketch, an envelope, and two certified mail receipts are attached.
145. Letter to Polar Industrial, Inc. from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201957-201962. A site sketch, an envelope, and two certified mail receipts are attached.
146. Letter to Pabst Brewing Company from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201963-201966. Two certified mail receipts are attached.
147. Letter to Neapco from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information request, 12/27/85. P. 201967-201970. Two certified mail receipts are attached.

148. Letter to Captain Pierce, U.S. Navy, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201971-201975. Two certified mail receipts are attached.
149. Letter to Morse Industrial Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201976-201979. Two certified mail receipts are attached.
150. Letter to Miller Brewing Company from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201980-201983. Two certified mail receipts are attached.
151. Letter to Dr. A.W. Lawrence, Koppers Company, from Mr. Stephen R. Wassersug, re: 104(e) request for information, 12/27/85. P. 201984-201987. Two certified mail receipts are attached.
152. Letter to Ingersoll-Rand Company from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201988-201991. Two certified mail receipts are attached.
153. Letter to Mr. Fred Purdue, Ingersoll-Rand Company, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201992-201995. Two certified mail receipts are attached.
154. Letter to Henry Souther Engineering Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 201996-202001. A site sketch, a certified mail receipt, and an envelope are attached.
155. Letter to Highway Auto Services from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202002-202005. Two certified mail receipts are attached.
156. Letter to Mr. Dave Duncan, Hitchcock Marine, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202006-202009. A certified mail receipt is attached.
157. Letter to Heroux, Inc. from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202010-202013. Two certified mail receipts are attached.

158. Letter to Hazardous Waste Disposal, Inc. from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202014-202018. A site sketch and a certified mail receipt are attached.
159. Letter to Gould Pumps, Inc. from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202019-202022. Two certified mail receipts are attached.
160. Letter to General Dynamics Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202023-202026. Two certified mail receipts are attached.
161. Letter to Alcan Aluminum Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202027-202030. Two certified mail receipts are attached.
162. Letter to Crucible Incorporated from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202031-202034. Two certified mail receipts are attached.
163. Letter to Mr. John DeBrock, Crossman Airguns, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202035-202038. A certified mail receipt is attached.
164. Letter to Mr. Don Lyons, Combustion Engineering Company, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202039-202042. A certified mail receipt is attached.
165. Letter to Ford Motor Company from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202043-202046. Two certified mail receipts are attached.
166. Letter to Mr. Charles Snyder, Exxon Bayonne Chemical Plant, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202047-202050. Two certified mail receipts are attached.
167. Letter to Exxon Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202051-202054. Two certified mail receipts are attached.

168. Letter to Mr. David Green, Environmental Waste Removal, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202055-202058. Two certified mail receipts are attached.
169. Letter to Ware Chemical Division, DART Industries, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202059-202062. Two certified mail receipts are attached.
170. Letter to Turbo Products Division from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202063-202066. Two certified mail receipts are attached.
171. Letter to Industrial Service from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202067-202071. A site sketch and a certified mail receipt are attached.
172. Letter to Audax Environmental from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202072-202075. Two certified mail receipts are attached.
173. Letter to AM Environmental from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202076-202081. A site sketch, a certified mail receipt, and an envelope are attached.
174. Letter to All County Environmental from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202082-202085. Two certified mail receipts are attached.
175. Letter to Alco Power, Inc. from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202086-202089. Two certified mail receipts are attached.
176. Letter to Chrysler Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202090-202093. Two certified mail receipts are attached.
177. Letter to Chemical Pollution Control from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202094-202097. Two certified mail receipts attached.

178. Letter to Chemical Management from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202098-202102. A site sketch and an envelope are attached.
179. Letter to Chemical Leaman from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202103-202106. Two certified mail receipts are attached.
180. Letter to Casco Equipment Company from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202107-202112. A site sketch, a certified mail receipt, and an envelope are attached.
181. Letter to Mr. Albert Colonna, Carrier Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202113-202116. Two certified mail receipts are attached.
182. Letter to Carlyle Compressor Corporation, c/o Carrier Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202117-202120. Two certified mail receipts are attached.
183. Letter to Browning Ferris Industries from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202121-202124. Two certified mail receipts are attached.
184. Letter to Mr. Edwin Stenzel, BASF Wyandotte Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202125-202128. Two certified mail receipts are attached.
185. Letter to Rockwell International Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202129-202132. Two certified mail receipts are attached.
186. Letter to Pratt and Whitney (East Hartford, CT) from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202133-202136. Two certified mail receipts are attached.
187. Letter to Pratt and Whitney (Longueuil, Quebec, Canada) from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202137-202140. Two certified mail receipts are attached.

188. Letter to Rome Strip Steel Company, Inc. from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202141-202144. Two certified mail receipts are attached.
189. Letter to Hudson Oil Refining Company from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202145-202150. A site sketch, an envelope, and two certified mail receipts are attached.
190. Letter to Mr. John Myers, AVCO Lycoming, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 12/27/85. P. 202151-202154. Two certified mail receipts are attached.
191. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Edward E. Shea, GAF Corporation, re: Response to 104(e) inquiry, 1/2/86. P. 202155-202155.
192. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. H. Dean Heberlig, Jr., Bond, Shoenek & King, re: Confirmation of an extension for Rome Strip Steel to respond to 104(e) inquiry, 1/2/86. P. 202156-202156.
193. Letter to Ms. Kathy Hodgkiss, U.S. EPA, from Mr. Norman W. Bernstein, Ford Motor Company, re: Confirmation of extension to respond to 104(e) inquiry, 1/2/86. P. 202157-202157.
194. Letter to Mr. Francisco Barba, U.S. EPA, from M. Engleman, Pabst Brewing Company, re: Beer dumping by a local distributor at the Butler Tunnel site, 1/3/86. P. 202158-202158.
195. Letter to Ms. Kathy Hodgkiss, U.S. EPA, from Mr. Mark L. Manewitz, Exxon Company, re: Response to 104(e) inquiry, 1/6/86. P. 202159-202159.
196. Letter to Ms. Katherine Hodgkiss, U.S. EPA, from Mr. Stewart D. Roll, Combustion Engineering, re: Confirmation of extension to respond further to 104(e) inquiry, 1/6/86. P. 202160-202160.
197. U.S. Postal Service Notice, International Mail Irregularity, 1/7/86. P. 202161-202161.
198. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. William C. Patterson, Neapco, re: Response to 104(e) inquiry, 1/7/86. P. 202162-202175. The following are attached:

- a) sampling data;
 - b) an affidavit of Mr. Harold R. Diffenderfer;
 - c) a letter regarding the sampling results of an oily emulsion, dated October 27, 1980;
 - d) a letter regarding sludge disposal, dated December 7, 1984;
 - e) a check payable to Hudson Refining Co.;
 - f) an invoice for waste removal;
 - g) a pick-up receipt for waste water;
 - h) a check payable to Hudson Refining Co.,
 - i) an invoice for waste removal;
 - j) a pick-up receipt for liquid waste.
199. Letter to Mr. Francisco Barba, U.S. EPA, from R.R. Kenski, Rockwell International Corporation, re: Request for additional time to respond to 104(e) inquiry, 1/7/86. P. 202176-202176.
200. Letter to Mr. Francisco Barba, U.S. EPA, from L.A. Claveloux, The Upjohn Company, re: Response to 104(e) inquiry, 1/7/86. P. 202177-202199. 21 Straight Bills of Lading for the shipment of non-hazardous waste are attached.
201. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Daniel T. Le Beau, The Stanley Works, re: Response to 104(e) inquiry, 1/7/86. P. 202200-202215. A Waste Stream Description and Analysis Summary, a Document Auditing Form, and ten purchase orders for waste removal are attached.
202. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. M. Suzanne Anderson, Chrysler Corporation, re: Confirmation of an extension to respond to 104(e) inquiry, 1/7/86. P. 202216-202216.
203. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Joan M. Ferretti, Sive, Paget & Riesel, re: Request for an extension for Chemical Pollution Control's to respond to 104(e) inquiry, 1/7/86. P. 202217-202217.

204. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. David P. Schneider, BASF Corporation Chemicals Division, re: Confirmation of extension to respond to 104(e) inquiry, 1/7/86. P. 202218-202218.
205. Letter to Mr. Francisco Barba, U.S. EPA from Mr. Richard C. Littlepage, Chemical Leaman Tank Lines, Inc., re: Response to 104(e) inquiry, 1/8/86. P. 202219-202267. Invoices, purchase orders, and check payments for removal of liquid waste from January to October 1979 are attached.
206. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. John W. Casey, United Technologies Pratt & Whitney, re: Confirmation of extension to respond to 104(e) inquiry, 1/8/86. P. 202268-202268.
207. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Timothy A. Vanderver, Jr., Patton, Boggs & Blau, re: Confirmation of extension for Carrier Corporation's and Carlyle Compressor's responses to 104(e) inquiry, 1/8/86. P. 202269-202269.
208. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Frank J. McAtarian, Andax Environmental Corporation, re: Response to 104(e) inquiry, 1/8/86. P. 202270-202270.
209. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. H. Dean Heberlig, Jr., Bond, Schoeneck & King, re: Confirmation of extension for Miller Brewing Company's response to 104(e) inquiry, 1/8/86. P. 202271-202271.
210. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Carl J. Copertino, U.S. Department of the Navy, re: Response to 104(e) inquiry, 1/8/86. P. 202272-202272.
211. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Mark Zimmerman, Updike, Kelly & Spellacy, re: Hitchcock Gas Engine's response to 104(e) inquiry, 1/8/86. P. 202273-202274.
212. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Dennis M. Resnick, McElroy, Deutsch & Mulvaney, re: Request for an extension for Ingersoll-Rand Company's response to 104(e) inquiry, 1/9/86. P. 202275-202275.
213. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Harold J. Pfountz, The Coleman Company, Inc., re: response to 104(e) inquiry, 1/9/86. P. 202276-202387. The following are attached:

- a) a letter regarding confirmation of New York State Facilities Permits, dated February 11, 1980;
- b) two temporary permits issued to Hudson Oil Refining for waste oil treatment;
- c) handwritten notes regarding the treatment of sludge;
- d) a letter regarding sampling results of waste tested for chlorinated benzenes, dated May 20, 1980;
- e) a letter denial of an application for treatment or disposal of an industrial waste stream, dated April 10, 1980;
- f) a Liability Protection Policy insurance report;
- g) a General/Automobile/Liability Policy insurance form;
- h) an Excess Blanket Catastrophe Policy insurance statement;
- i) a Schedule of Underlying Insurance statement;
- j) Excess Insurance Policy Declarations;
- k) Insurance Policy Declarations;
- l) a Nuclear Energy Liability Exclusion Endorsement.

214. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Linda J. Szempruch, Borg Warner Corporation, re: Confirmation of an extension to respond to 104(e) inquiry, 1/10/86. P. 202388-202388.

215. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Steven R. DuBois, Alcan Rolled Products Company, re: Response to 104(e) inquiry, 1/10/86. P. 202389-202431. The following are attached:

- a) a summary report entitled "Characterization of Alcan: Oswego's Waste Oil (Emulsion) Disposed of by PAS;"
- b) a letter regarding the hazardous nature of rolling oil, dated December 19, 1983;

- c) sampling data;
- d) an excerpt from the Toxic and Hazardous Industrial Chemicals Safety Manual;
- e) five laboratory reports;
- f) a letter regarding the New York Department of Health's recommendations on the biodegradability of rolling oils, dated September 18, 1978;
- g) a journal article entitled "Environmental and Nutritional Constraints of Microbial Hydrocarbon Utilization in the Soil;"
- h) a letter regarding OSHA data sheet updates and waste disposal methods, dated April 15, 1980;
- i) four Material Safety Data Sheets;
- j) a letter regarding waste containment procedures, dated October 27, 1976;
- k) a Blanket Order Phone Log;
- l) a letter regarding waste removal, dated May 9, 1979;
- m) a handwritten note regarding waste removal, dated May 2, 1979.

- 216. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Jeffrey N. Martin, Hunton & Williams, re: Confirmation of extension for Turbo Products Division's response to 104(e) inquiry, 1/10/86. P. 202432-202432.
- 217. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Mary Holland, Koppers Company Inc., re: Confirmation of extension for response to 104(e) inquiry, 1/10/86. P. 202433-202433.
- 218. Letter to Oil Transfer Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 1/11/86. P. 202434-202439. A site sketch, a certified mail receipt, and an envelope are attached.

219. Letter to Costal Services from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, 1/11/86. P. 202440-202445. A site sketch, a certified mail receipt, and an envelope are attached.
220. Letter to U.S. EPA from Mr. Harry O'Simmons, Crucible Materials Corporations, re: Response to 104(e) inquiry, 1/13/86. P. 202446-202446.
221. Letter to Mr. Stephen R. Wassersug, U.S. EPA, from Mr. Philip H. Gitlen, Whiteman, Osterman & Hanna, re: Response of Goulds Pumps, Inc. to 104(e) inquiry, 1/13/86. P. 202447-202466. The following are attached:
- a) a letter regarding Goulds Pumps, Inc.'s response to an EPA subpoena, dated March 24, 1980;
 - b) a 104(e) request for information, dated January 10, 1985;
 - c) a response to the 104(e) inquiry;
 - d) a list of exhibits;
 - e) a List of Material Safety Data Sheets;
 - f) a list of waste liquids removed from Goulds Pumps, Inc.
222. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Edward A. Kurent, TRW, re: TRW's dealings with the Butler Tunnel Site, 1/14/86. P. 202467-202467.
223. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Jean Caza, Heroux Inc., re: Response to 104(e) inquiry, 1/16/86. P. 202468-202501. Response documents are attached.
224. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Jose A. Canas, Alco Power Inc., re: Response to 104(e) inquiry, 1/17/86. P. 202502-202502.
225. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Larry Messina, Miller Brewing Company, re: Response to 104(e) inquiry, 1/21/86. P. 202503-2025005.

226. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Joan M. Ferretti, Sive, Paget & Riesel, re: Chemical Pollution Control Inc.'s response to 104(e) inquiry, 1/22/86. P. 202506-202507.
227. Letter to Mr. Richard Zimmer, from Ms. Kathy Hodgkiss, U.S. EPA, re: Request to respond to 104(e) inquiry, 1/23/86. P. 202508-202510. An envelope is attached.
228. Letter to Ms. Genevieve Scatena from Ms. Kathy Hodgkiss, U.S. EPA, re: Request to respond to 104(e) inquiry, 1/23/86. P. 202511-202513. A certified mail receipt is attached.
229. Letter to Mr. Elmo "Terry" Scatena from Ms. Kathy Hodgkiss, U.S. EPA, re: Request to respond to 104(e) inquiry, 1/23/86. P. 202514-202516. A certified mail receipt is attached.
230. Letter to Mr. Gerard Scatena from Ms. Kathy Hodgkiss, U.S. EPA, re: Request to respond to 104(e) inquiry, 1/23/86. P. 202517-202519. A certified mail receipt is attached.
231. Freedom of Information Act (FOIA) request form from Mr. Thomas J. Dyszewski, Ford Motor Company, 1/24/86. P. 202520-202521. A letter dated January 24, 1986 regarding the FOIA request is attached.
232. Letter to Ms. Katherine Hodgkiss, U.S. EPA, from Mr. Stewart D. Roll, Combustion Engineering, re: Response to 104(e) inquiry, 1/24/86. P. 202522-202523. A distribution list is attached.
233. Letter to Mr. Francisco Barba, U.S. EPA, from Kuk B. Herman [sic], Rome Strip Steel Company, Inc., re: Response to 104(e) inquiry, 1/24/86. P. 202524-202600. The following are attached:
- a) a letter regarding Rome Strip Steel's response to an EPA subpoena, dated March 13, 1980;
 - b) a list of oils and greases purchased in 1978 to 1979;
 - c) a letter regarding pick up of liquid waste material, dated February 6, 1976;
 - d) a letter regarding Quanta Resources Edgewater Terminal's response to 104(e) inquiry, dated February 21, 1985;

- e) a subpoena to Rome Strip Steel Company from U.S. EPA;
 - f) an affidavit of Mr. David N. Kobernuss;
 - g) Analysis results from Upstate Laboratories, Inc.;
 - h) a laboratory report from O'Brien & Gere to Rome Strip Steel;
 - i) six hand-drawn bar graphs showing waste oil removed;
 - j) 41 receipts for liquid waste removal;
 - k) a Material Safety Data Sheet.
234. Butler Tunnel Site Preliminary PRP Search print-out, 1/26/86. P. 202601-202605. A list of property owners affected by the drilling project and a handwritten list of parties sent 104(e) inquiries are attached.
235. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Charles H. Tisdale, Jr., King & Spalding, re: Response of Ware Chemical Division of Dart Industries to the 104(e) inquiry, 1/28/86. P. 202606-202608. The response memorandum dated January 28, 1986 is attached.
236. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. R.R. Kenski, Rockwell International Corporation, re: Review of facilities records for indication of disposal of waste at the Butler Tunnel Site, 1/29/86. P. 202609-202609.
237. Letter to Mr. Francesco [sic] Barba, U.S. EPA, from Mr. Mark L. Manewitz, Exxon Company, re: Response to 104(e) inquiry, 1/29/86. P. 202610-202628. The following are attached:
- a) a memorandum regarding a demand for compensation for clean-up of a site in New York, dated October 31, 1983;
 - b) a letter regarding a notice of liability from the New York City Department of environmental Protection, dated October 11, 1983;
 - c) a letter regarding Exxon Company's response to the notice of liability, dated October 17, 1983;

- d) a letter regarding the claim filed by New York City and Exxon Company's cooperation with EPA in dealing with a Pennsylvania site, dated October 24, 1983;
 - e) a letter regarding Bayway Refinery wastes disposal, dated March 15, 1983;
 - f) a memorandum regarding transmittal of documents under EPA subpoena, dated May 12, 1980;
 - g) the affidavit of Mr. William J. Stack;
 - h) a list of documents transmitted to EPA;
 - i) a letter regarding slop oil streams, dated November 29, 1979;
 - j) records of Slop Oil Shipments to Hudson Oil Refining Company;
 - l) Typical Slop Oil Analytical Results.
238. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Terence M. Zaleski, Breed, Abbott & Morgan, re: Confirmation of extension for Ford Motor Company's response to 104(e) inquiry, 1/30/86. P. 202629-202629.
239. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. John W. Casey, United Technologies Pratt & Whitney, re: Response to 104(e) inquiry, 1/30/86. P. 202630-202714. The following are attached:
- a) a list of documents submitted;
 - b) a letter regarding the name change of Newtown Refining Corp., dated January 18, 1979;
 - c) a Connecticut Department of Environmental Protection permit for collection, transport, storage, and disposal of waste oil, petroleum, and chemical liquids, dated July 17, 1979;
 - d) a payment history print-out;
 - e) 20 purchase orders;
 - f) 30 receiving reports;
 - g) 12 pick-up receipts;

- h) 12 Bills of Lading;
 - i) a memorandum regarding an invoice for cyanide pick-up;
 - j) two Reports on Laboratory Examinations.
240. Letter to Francisco Barba, U.S. EPA, from Jeffrey N. Martin, Hunton & Williams, re: Response to 104(e) inquiry, 1/31/86. P. 202715-202717.
241. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Michael W. Grice, Chrysler Corporation, re: Response to 104(e) inquiry, 1/31/86. P. 202718-202719.
242. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Linda J. Szempruch, Borg-Warner Corporation, re: Response to 104(e) inquiry, 2/3/86. P. 202720-202720.
243. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Timothy A. Vanderver, Jr., Patton, Boggs & Blow, re: Carrier Corporation's response to 104(e) inquiry, 2/3/86. P. 202721-202842. The following are attached:
- a) an index of documents submitted to EPA;
 - b) a memorandum regarding confidential claim procedures, dated August 30, 1985;
 - c) invoices, remittance advises, and delivery receipts for Hudson Refining Corporation and Carrier Air Conditioning;
 - d) change notices regarding purchase orders;
 - e) a handwritten note regarding transportation of materials to Edgewater, NJ;
 - f) a note regarding approval of Hudson Oil Company as a disposal contractor, dated June 20, 1979;
 - g) a handwritten copy of attachment 'f';
 - h) a handwritten note regarding Northeast Oil Service, dated December 4, 1979;
 - i) a handwritten note regarding registration of Hudson Oil, dated June 27, 1979;
 - j) a typed copy of attachment 'i';

- k) a note regarding use of Hudson Oil Refining's services, dated June 29, 1979;
 - l) a handwritten copy of attachment 'k';
 - m) a letter regarding drum disposal, dated June 22, 1979.
244. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Lisa C. Ledet, Bergson, Borkland, Margolis & Adler, re: Extension granted to the Koppers Company for documents relating to the Butler Tunnel Site, 2/4/86. P. 202843-202843.
245. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Donna L. Kolar, Browning-Ferris Industries, re: Response to 104(e) inquiry, 2/5/86. P. 202844-202845.
246. Letter to Mr. Robert A. Mace, Testron, Inc., from Mr. Steve T. Miano, U.S. EPA, re: Response to 104(e) inquiry, 2/5/86. P. 202846-202863. The following are attached:
- a) a letter regarding records previously submitted to EPA, dated January 23, 1986;
 - b) a letter regarding information requested under a subpoena, dated March 21, 1980;
 - c) a letter regarding a records request, dated January 11, 1984;
 - d) a letter regarding a U.S. Department of Justice request for information, dated January 29, 1983;
 - e) a letter regarding transmittal of documents related to Hudson Oil Refining Corporation, dated January 24, 1986;
 - f) a letter regarding submittal of information to the U.S. Department of Justice, dated January 13, 1984;
 - g) a Request for Quotation form;
 - h) a purchase order;
 - i) a letter regarding the response to a subpoena, dated March 21, 1980;
 - j) six invoices.

247. Letter to Mr. Stephen R. Wassersug, U.S. EPA, from Mr. Thomas P. Donohue, General Dynamics, re: Response to the 104(e) inquiry, 2/6/86. P. 202864-202871. A letter dated July 11, 1985 regarding information requested by EPA on the Quanta Resources Edgewater Terminal and a letter dated February 4, 1985 regarding response to the EPA request for information are attached.
248. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. David P. Schneider, BASF Corporation, re: Response to 104(e) inquiry, 2/10/86. P. 202872-202906. The following are attached:
- a) a Certificate Determining Named Person A Material Witness for Mr. Bradley Lord of Badische Corporation;
 - b) an affidavit of Mr. Keith Welks;
 - c) a Certification and Exemplification;
 - d) an Application for an Order Requiring Bradley Lord to Appear as a Witness;
 - e) an Application for a Subpoena Requiring Bradley Lord to Appear as a Witness in the Trial of Pennsylvania vs. Russell Mahler;
 - f) a check in the amount of \$38.00, payable to Mr. Bradley Lord from the Commonwealth of Pennsylvania Bureau of Investigations;
 - g) an Application for an Order for Bradley Lord to Appear as a Witness;
 - h) a Stenographer's Record of Commonwealth of Pennsylvania vs. Gerard Scatena, aka Terry Scatena, and Pennsylvania vs. Louis Scatena, Testimony for Witnesses, dated September 8, 1980;
 - i) Special Waste Manifest #24723;
 - j) Special Waste Manifest #24718;
 - k) a letter regarding data on shipments of combustible liquid organic waste, dated 1979;
 - l) a list of organic liquid waste shipments;
 - m) a description of composition.

250. Certification of a deed from Pennsylvania Coal Company to Elmo Scatena & Genevieve Scatena, 2/12/86. P. 202907-202912. A Chain of Title cover page and a copy of the deed dated September 21, 1955 are attached.
251. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Terence M. Zaleski, Breed, Abbott & Morgan, re: Ford Motor Company's response to 104(e) inquiry, 2/13/86. P. 202913-202957. The following are attached:
- a) Ford Motor Company's Response to Information Request In The Matter Of: Butler Tunnel Site;
 - b) a Summary of Ford Documents Which Reference Hudson Oil Refining Corporation;
 - c) a Summary of Purchase Orders Under Which Hudson Oil Operated;
 - d) a Purchase Notification form for Northeast Oil, seller;
 - e) a Purchase Notification form for Hudson Oil, seller;
 - f) a Summary of Analytical Data Associated With Waste Oils;
 - g) laboratory analysis data for waste oil samples;
 - h) Certification of Deed from Ersilia Scatena, Elmo Scatena, and Genevieve Scatena, to Elmo Scatena and Genevieve Scatena, h/w.
252. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Anthony J. Fischer, Ingersoll-Rand Company, re: Response to 104(e) inquiry, 2/14/86. P. 202958-202974. Remittance receipts, copies of checks payable to Hudson Refining Corporation, and purchase orders to Hudson Refining Corporation for the removal and disposal of waste oils and liquids are attached.
253. Certification of a Deed from Elmo Scatena and Genevieve Scatena, to Elmo Scatena and Genevieve Scatena, 2/14/86. P. 202975-202979. The Deed dated April 14, 1966 is attached.

254. Certification of a Deed from Pennsylvania Coal Company to Elmo Scatena and Armando Scatena, 2/14/86. P. 202980-202985. A Chain of Title cover page and the Deed dated May 17, 1963 are attached.
255. Certification of a Deed from Elmo Scatena and Armando Scatena to Elmo Scatena, Heirs and Assigns, 2/14/86. P. 202986-202990. The Deed dated September 13, 1963 is attached.
256. Certification of a Deed from Elmo Scatena and Genevieve Scatena to Elmo Scatena and Armando Scatena, t/a Midway Auto Service, 2/14/86. P. 202991-202995. The Deed dated January 1, 1966 is attached.
257. Certification of a Deed from Elmo Scaten [sic] and Genevieve Scatena, et al, to Elmo Scatena and Genevieve Scatena, 2/14/86. P. 202996-203000. The Deed dated May 1, 1971 is attached.
258. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Edward A. Kurent, TRW Inc., re: Response to 104(e) inquiry, 2/20/86. P. 203001-203001.
259. Letter to Mr. Harvey O. Simmons, III, Crucible Materials Corporation, from Steven T. Miano, U.S. EPA, re: Request for a copy of information submitted to EPA concerning a subpoena, 2/21/86. P. 203002-203002.
260. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Thomas R. Hays, Koppers Company, Inc., re: Response to 104(e) inquiry, 2/21/86. P. 203003-202007. A letter dated January 11, 1980 regarding waste water transported by Hudson Oil Company and a list of dates and amounts of waste water transported are attached.
261. Letter to Mr. R.R. Kenski, Rockwell International Corporation, from Mr. Steven T. Miano, U.S. EPA, re: Rockwell's response to February 24, 1986 104(e) inquiry, 2/24/86. P. 203008-203009. A letter regarding GAF Corporation's revised response to the 104(e) inquiry is attached.
262. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Robert A. Mace, Textron Inc., re: Delivery of subpoenaed records, 3/5/86. P. 203010-203010.
263. Letter to Ms. Isabell De Repentiagy, Pratt & Whitney, from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 3/6/86. P. 203011-203014. Two certified mail receipts are attached.

264. Letter to Mr. Jeffrey N. Martin, Hunton & Williams, from Mr. Steven T. Miano, U.S. EPA, re: Clarification of 104(e) inquiry, 3/7/86. P. 203015-203019. The original 104(e) inquiry and a site sketch are attached.
265. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. R.R. Kenski, Rockwell International Corporation, re: Response to the 104(e) inquiry, 3/7/86. P. 203020-203039. Copies of recorded entries of oil transfers, accounts payable reports, and an accounts payable register are attached.
266. Letter to Mr. Steven T. Miano, U.S. EPA, from Mr. Harvey O. Simmons, III, Crucible Materials Corporation, re: Response to 104(e) inquiry, 3/7/86. P. 203040-203308. Fifteen handwritten memoranda regarding dates of waste oil and waste water pick-up by Northeast Oil Service, Inc. and Hudson Oil Refining Corporation, a receipt for services from Northeast Oil Refining Inc., Colt Industries, and Hudson Oil Refining Corporation for 1978 to 1979, and weighing tickets for 1978 to 1979 are attached.
267. Letter to Mr. Steven T. Miano, U.S. EPA, from Ms. Linda J. Szempruch, Borg-Warner Corporation, re: Extension to respond to 104(e) inquiry, 3/17/86. P. 203309-203310. A certified mail receipt is attached.
268. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Maureen A. Brennan, TRW, re: Request for information from EPA concerning TRW's connection to the site, 3/19/86. P. 203311-203312.
269. Letter to Mr. John Latella, TRW Inc., from Mr. Carl Holmberg, re: Notes on the TRW Lagoon clean-up project, 3/19/86. P. 203313-203314.
270. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Michael W. Grice, Chrysler Corporation, re: Response to the 104(e) inquiry, 3/21/86. P. 203315-203316.
271. Letter to Mr. Dave Caplan, Pratt & Whitney, from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 3/21/86. P. 203317-203319.
272. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Charles H. Tisdale, Jr., King & Spalding, re: Ware Chemical's response to 104(e) inquiry, 3/21/86. P. 203320-203449. Invoices from 1977 to 1979 connecting Ware Chemical to the Mahler Companies are attached.

273. Letter to Mr. Steven T. Miano, U.S. EPA, from Mr. Mark L. Manewitz, Exxon Company, re: Response to 104(e) inquiry, 3/24/86. P. 203450-203983. The following are attached:

- a) invoices for services from the Hudson Oil Refining Corporation;
- b) shipping notices/back receipts of waste oils;
- c) handwritten records of pickups and pickup sizes;
- d) truck loading reports/gate passes;
- e) Straight Bill of Lading/short forms;
- f) contract agreement by Hudson Oil and Refining Company to provide service to Exxon, Contract #08131NAL39655;
- g) Special Waste Manifest, NJDEP, with instructions for water removal and waste category description.

274. FOIA request form, re: Administrative Order By Consent, 3/25/86. P. 203984-204037. The Order is attached.

275. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. C.D. Chomski, Pratt & Whitney Inc., re: Response to 104(e) inquiry, 4/4/86. P. 204038-204075. Vendor payment records, a letter dated April 16, 1979 regarding purchase order 447060-N/A, and Company Confidential Information for the U.S. EPA are attached.

276. Letter to Mr. Steven T. Miano, U.S. EPA, from Mr. Barry R. Kogut, Bond, Schoeneck & King, re: Miller Container's response to 104(e) inquiry, 4/8/86. P. 204076-204203. The following are attached:

- a) a letter regarding Miller Container's response to a request for information about Quanta Resources Edgewater Terminal, dated February 5, 1985;
- b) a table of contents of exhibits;
- c) a letter regarding a subpoena issued by U.S. EPA, dated March 7, 1980;

- d) a letter regarding Miller Container's response to the subpoena, dated March 28, 1980;
 - e) a list of dates and amount of liquid waste removed;
 - f) invoices, receiving reports, and delivery receipts for Miller Container, Northeast Oil Services, and Hudson Oil Refining, dated September 1978 to September 1979;
 - g) background material on Mack PTL 279C;
 - h) a hazardous waste disposal questionnaire;
 - i) Hazardous Waste Manifests for Miller Container.
277. Letter to Mr. Elmo "Terry" Scatena from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/10/86. P. 204204-204206.
278. Letter to Mr. Robert L. Bercham, Environmental Waste Resources, from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/10/86. P. 204207-204210. Two certified mail receipts are attached.
279. Letter to Industrial Service, Service of Process, from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204211-204214. Two certified mail receipts are attached.
280. Letter to Polar Industrial Inc. from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204215-204218. A certified mail receipt is attached.
281. Letter to Mr. John DiGregorio, Oil Transfer Corporation, from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204219-204222. Two certified mail receipts are attached.
282. Letter to Mr. John Arneson, New ERA Oil, from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204223-204226. A certified mail receipt is attached.
283. Letter to Mr. George Lawrence, Hazardous Waste Disposal, Inc., from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204227-204230. Two certified mail receipts are attached.

284. Letter to Mr. Arthur Solomon, Henry Southern Engineering Co., from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204231-204234. Two certified mail receipts are attached.
285. Letter to Industrial Service from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204235-204238. A certified mail receipt is attached.
286. Letter to Mr. David Green, Environmental Waste Resources, Inc., from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204239-204242. A certified mail receipt is attached.
287. Letter to Hi-Way Auto Services from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204243-204246. Two certified mail receipts are attached.
288. Letter to A.M. Environmental from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204247-204250. A certified mail receipt is attached.
289. Letter to All County Environmental from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204251-204254. A certified mail receipt is attached.
290. Letter to CASCO Equipment Company from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204255-204258. A certified mail receipt is attached.
291. Letter to Chemical Management, Inc. from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/22/86. P. 204259-204262. Two certified mail receipts are attached.
292. Letter to Mr. Russell Mahler from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/23/86. P. 204263-204266. Two certified mail receipts are attached.
293. Letter to Mr. Richard Zimmer from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 4/23/86. P. 204267-204270. A certified mail receipt is attached.

294. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Jeffrey N. Martin, Hunton & Williams, re: Turbo Products Division's response to 104(e) inquiry, 4/24/86. P. 204271-204276. A record of liquid waste shipments by Hudson Oil Refining Company is attached.
295. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. M. Jane Wigand, CIGNA, re: Insurance Company of North America's investigation of Butler Tunnel Site as liability carrier for Ingersoll-Rand, 4/28/86. P. 204277-204277.
296. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Thomas Lee, Henry Souther Laboratories, Inc., re: Response to 104(e) inquiry, 5/1/86. P. 204278-204278.
297. Handwritten letter to Mr. Francisco Barba, U.S. EPA, from Mr. Scatena, Hi-Way Auto Service, re: Request for information to be sent to attorney, 5/1/86. P. 204279-204279.
298. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Mary Anne Taufen, Berchem & Moses, re: Environmental Waste Resources' response to 104(e) inquiry, 5/1/86. P. 204280-204289. An affidavit is attached.
299. Letter to U.S. EPA from Mr. James J. Kelly, Kelly, Luglio & Costello, re: Chemical Management, Inc.'s response to 104(e) inquiry, 5/7/86. P. 204290-204291. An envelope is attached.
300. Letter to Mr. D.C. Garfield, Ingersoll-Rand Company, from Mr. Stephen Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204292-204295. Two certified mail receipts are attached.
301. Letter to Mr. Roy E. Black, Turbo Products International, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204296-204299. Two certified mail receipts are attached.
302. Letter to Mr. Charles H. Tisdale, Jr., King & Spalding, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204300-204303. A certified mail receipt is attached.
303. Letter to Mr. L.G. Rawl, Exxon Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204304-204307. A certified mail receipt is attached.

304. Letter to Mr. Harold A. Poling, Ford Motor Company, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204308-204311. two certified mail receipts are attached.
305. Letter to Mr. R.H. Vaugh, Neapco, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204312-204315. A certified mail receipt is attached.
306. Letter to Mr. John R. Brown, The Hitchcock Gas Engine Company, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204316-204319. Two certified mail receipts are attached.
307. Letter to Mr. Charles R. Pullin, Koppers Company Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204320-204322.
308. Letter to Mr. L.D. Caplan, Pratt & Whitney Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204323-204325.
309. Letter to Mr. Harold K. Sperlich, Chrysler Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204326-204329. Two certified mail receipts are attached.
310. Letter to Mr. Arthur E. Gledhill, The Stanley Works, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204330-204333. Two certified mail receipts are attached.
311. Letter to Mr. Joseph T. Gorman, TRW Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204334-204337. Two certified mail receipts are attached.
312. Letter to Mr. Timothy C. Tuff, Alcan Aluminum Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204338-204340.
313. Letter to Mr. Edwin L. Stenzel, BASF Wyandotte Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204341-204343.
314. Letter to Mr. Albert Colonna, Carrier Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204344-204247. Two certified mail receipts are attached.

315. Letter to Mr. Robert S. Shertz, Chemical Leaman Tank Lines, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/29/86. P. 204348-204351. Two certified mail receipts are attached.
316. Letter to Mr. Lawrence C. Hoff, The Upjohn Company, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/30/86. P. 204352-204355. Two certified mail receipts are attached.
317. Letter to Mr. A. Buol Hinman, Rome Strip Steel Company, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 5/30/86. P. 204356-204359. Two certified mail receipts are attached.
318. Letter to Mr. Dave Caplan, Heroux, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204360-204366. A copy of the letter addressed to Sarto Richer of Heroux, Inc. and a certified mail receipt are attached.
319. Letter to Mr. Steven V. Ardia, Goulds Pumps, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204367-204369. Two certified mail receipts are attached.
320. Letter to Mr. Robert F. Daniell, United Technologies Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204370-204373. Two certified mail receipts are attached.
321. Letter to Mr. Russell Mahler from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204374-204378. A site map and two certified mail receipts are attached.
322. Letter to Mr. Elmo Scatena from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204379-204382. Two certified mail receipts are attached.
323. Letter to Mr. Gerard Scatena from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204383-204386. A certified mail receipt is attached.
324. Letter to Mr. Louis Scatena from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204387-204390. Two certified mail receipts are attached.

325. Letter to Mr. Kenneth Mansfield from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204391-204394. Two certified mail receipts are attached.
326. Letter to Mr. Donald R. Merriman, Buckeye Pipeline Co., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204395-204400. Two certified mail receipts are attached.
327. Letter to Mr. John Liebel, Chemical Management Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/2/86. P. 204401-204407. Two certified mail receipts are attached.
328. Letter to Mr. Elmo Scatena, Hi-Way Auto Service, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/3/86. P. 204408-204411. Two certified mail receipts are attached.
329. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Don W. Schmitz, The Upjohn Company, re: Request for removal from the PRP list, 6/5/86. P. 204412-204414. A letter dated June 28, 1985 regarding Upjohn's removal from a previous PRP list is attached.
330. Letter to Mrs. Genevieve Scatena from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/6/86. P. 204415-204418. A certified mail receipt is attached.
331. Report: Final Report, Butler Tunnel Site Potentially Responsible Party Search, prepared by TechLaw, Inc., 6/6/86. P. 204419-204566. A cover letter is attached.
332. Letter to Mr. Steven T. Miano, U.S. EPA, from Mr. Barry R. Kogut, Bond, Schoeneck & King, re: Request for documentation showing the connection between Rome Strip Steel Company and the site, 6/9/86. P. 204567-204569.
333. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Charles H. Tisdale, Jr., King & Spalding, re: Request for additional technical data, 6/11/86. P. 204570-204571.
334. Letter to Mr. Steve Miano, U.S. EPA, from Mr. Thomas R. Hays, Koppers Company, Inc., re: Request for the formation of a PRP Group, 6/12/86. P. 204572-204572.

335. Letter to Mr. Bruce E. Hendry, Erie Lackawanna Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/13/86. P. 204573-204579. Two certified mail receipts are attached.
336. Letter to Ms. Mary Murray, Newtown Refining Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/13/86. P. 204580-204585.
337. Letter to Mr. Clement A. Revetti, Dana Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/13/86. P. 204586-204589. Two certified mail receipts are attached.
338. Letter to Mr. Steve T. Miano, U.S. EPA, from Mr. Norman W. Bernstein, Ford Motor Company, re: Request to meet with EPA, for an extension to respond the 104(e) inquiry, and for technical data, 6/16/86. P. 204590-204591.
339. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Mark J. Zimmerman, Updike, Kelly & Spellacy, re: Request for a Statement of Work for remedial measures to be taken by Hitchcock Oil Pollution Services, 6/16/86. P. 204592-204593.
340. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. David P. Schneider, BASF Corporation, re: Refusal to undertake or finance remedial studies for the site, 6/16/86. P. 204594-204594.
341. Letter to Mr. Steven Miano, U.S. EPA, from Shawn Mathis, Browning-Ferris Industries, re: Response to 104(e) inquiry, 6/16/86. P. 204595-204600. A letter regarding a response to 104(e) inquiry for Quanta Resources and a copy of BFI-Elizabeth's 1979 settlement register relating to payments to Hudson Refining Corporation are attached.
342. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Irvin M. Freilich, Hannotch Weisman, re: Request for additional information and technical data before assessing the involvement of the Stanley Works with the site, 6/17/86. P. 204601-204602.
343. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Michael W. Grice, Chrysler Corporation, re: Request for additional information and technical data before assessing involvement with the site, 6/17/86. P. 204603-204604.

344. U.S. Postal Service Notice, International Mail Irregularity, 6/18/86. P. 204605-204606. An envelope is attached.
345. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. John W. Casey, Pratt & Whitney, re: Participation in the Remedial Investigation/Feasibility Study (RI/FS) activities and errors on the PRP list, 6/19/86. P. 204607-204608.
346. Letter to Mr. Stephen R. Wassersug, U.S. EPA, from Ms. Isabelle de Repentigny, United Technologies, Pratt & Whitney, re: Incorrect address for to Heroux Inc., 6/19/86. P. 204609-204609.
347. Letter to Mr. Francesco Barba [sic], U.S. EPA, from Mr. Mark L. Manewitz, Exxon Company, re: Request for additional information and technical data before assessing involvement with the site, 6/19/86. P. 204610-204611.
348. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Richard C. Littlepage, Chemical Leaman Tank Lines, Inc., re: Request for additional information and technical data before assessing involvement with the site, 6/19/86. P. 204612-204614. An envelope is attached.
349. Handwritten letter to Mr. Francisco Barba, U.S. EPA, from Mr. Kenneth Mansfield, re: Inability to finance corrective actions, 6/19/86. P. 204615-204616.
350. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Lawrence A. Salibra, II, Alcan Aluminum Corporation, re: Toxicity of Alcan Aluminum's waste, 6/19/86. P. 204617-204620. A letter dated October 31, 1983 regarding results of EP toxicity analysis, a letter dated November 9, 1983 regarding results of laboratory sample analysis, and a Laboratory Report are attached.
351. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Philip H. Gitlen, Whiteman, Osterman & Hanna, re: Participation of Goulds Pumps, Inc. in the PRP Group, 6/20/86. P. 204621-204622.
352. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Dennis M. Reznick, McElroy, Deutsch & Mulvaney, re: Request for additional information and technical data before assessing Ingersoll-Rand's involvement with the site, 6/24/86. P. 204623-204624.

353. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Steven A. Tasher, O'Donovan, Leisure, Newton & Irvine, re: Request for additional information and technical data before assessing TRW, Inc.'s involvement with the site, 6/25/86. P. 204625-204626.
354. Letter to Mr. Steven Miano, U.S. EPA, from Mr. Barry R. Kogut, Bond, Schoeneck & King, re: Rome Strip Steel's inability to respond to EPA's offer within allotted time, 6/26/86. P. 204627-204628. A letter dated June 17, 1986 regarding response deadlines is attached.
355. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. William C. Patterson, Neapco, re: Willingness to finance remedial measures, 6/27/86. P. 204629-204629.
356. Letter to Mr. Sarto Richer, Heroux, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notice of potential liability, 6/27/86. P. 204630-204632.
357. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Clement Revetti, Dana Corporation, re: Response to notice of potential liability, 6/30/86. P. 204633-204634.
358. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Jan F. Horwath, Buckeye Pipe Line Company, re: Response to 104(e) inquiry, 7/10/86. P. 204635-204636.
359. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Frank H. Knox, Erie Lackawanna Inc., re: Response to notice of potential liability, 7/16/86. P. 204637-204638.
360. U.S. EPA Notification of Hazardous Waste Activity, Ingersoll Rand Trans, 9/2/86. P. 204639-204640.
361. Letter to Mr. Francisco Barba, U.S. EPA, from James J. Kelly, Kelly, Luglio & Costello, re: Chemical Management Inc.'s inability to participate in clean-up activities, 9/4/86. P. 204641-204642.
362. Letter to Ms. Linda J. Szempruch, Borg-Warner Corporation, from Mr. Roland W. Schrecogost, U.S. EPA, re: 104(e) request for information, 10/14/86. P. 204643-204646. Two certified mail receipts are attached.
363. Letter to Mr. Steven T. Miano, U.S. EPA, from Ms. Dixie L. Laswell, Gessler, Wexler, Flynn, Laswell & Fleischmann, Ltd., re: Confirmation of extension for Borg-Warner Corporation's response to 104(e) inquiry, 10/21/86. P. 204647-204647.

364. Letter to Mr. Francisco Barba, U.S. EPA, from Ms. Dixie L. Laswell, Gessler, Wexler, Flynn, Laswell & Fleischmann, Ltd., re: Response to 104(e) inquiry, 11/6/86. P. 204648-204651.
365. Letter to Mr. Tom Lewis, Total Recovery, Inc., from Mr. Bruce Smith, U.S. EPA, re: 104(e) request for information, 11/13/86. P. 204652-204656. A certified mail receipt is attached.
366. Letter to Mr. William Patterson, Neapco, Inc., from Mr. Steven T. Miano, U.S. EPA, re: Neapco's claim of business confidentiality, 11/20/86. P. 204657-204658.
367. Letter to Mr. Stephen R. Wassersug, U.S. EPA, from Mr. William C. Patterson, Neapco Inc., re: Withdrawal from the PRP Group and an explanation of why Neapco no longer considers itself liable, 11/21/86. P. 204659-204662.
368. Letter to Mr. Steven T. Miano, U.S. EPA, from Mr. William C. Patterson, Neapco, Inc., re: Authorization to remove Neapco's claim of business confidentiality, 11/21/86. P. 204663-204663.
369. Letter to Mr. Francisco Barba, U.S. EPA, from Thomas D. Lewis, Total Inc., re: Request for an extension to respond to 104(e) inquiry, 12/17/86. P. 204664-204664.
370. HWDMS Master Facility Listing, Chemical Leaman Tank Lines, 12/18/86. P. 204665-204667.
371. HWDMS Master Facility Listing, Hitchcock Gas Engine Co., 12/18/86. P. 204668-204668.
372. HWDMS Master Facility Listing, Pratt & Whitney Aircraft Group, 12/18/86. P. 204669-204673.
373. HWDMS Master Facility Listing, Dart Industries Synpro Ware Division, 12/18/86. P. 204674-204675.
374. Letter to Ms. Lorraine Urbiet, U.S. EPA, from Ms. Maureen A. Brennan, TRW Inc., re: Request for information regarding the site, 12/22/86. P. 204676-204750. The following are attached:
- a) a cover sheet to a Transcript of Testimony, U.S. vs. Russell W. Mahler;
 - b) a letter regarding transmittal of documents to EPA, dated June 24, 1985;

- c) 16 purchase orders from TRW to Hitchcock Oil Pollution Systems;
 - d) 25 invoices from Hitchcock Gas Engine Company to Hudson Oil;
 - e) 26 invoices from the Newtown Refining Corporation to TRW.
375. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Thomas D. Lewis, Total Inc., re: request for a meeting to discuss the site, 1/14/87. P. 204751-204751.
376. Memorandum to Mr. Steven Miano, U.S. EPA, from Mr. Daniel Isales, U.S. EPA, re: Confidential information about the site, 1/30/87. P. 204752-204756. A letter dated November 4, 1986 regarding a request for an explanation of why confidentiality status must be removed, a letter dated December 15, 1986 regarding questions about which information from United Technologies, Pratt & Whitney is confidential, and a letter dated January 8, 1987 regarding the waiving of a business confidentiality claim are attached.
377. Letter to PRPs from Mr. Steven T. Miano, U.S. EPA, re: Administrative Consent Order for an RI/FS, 2/6/87. P. 204757-204758.
378. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Eugene D. Murphy, Erie Lackawanna Inc., re: Confirmation of the status of the Pennsylvania Coal Company, 2/10/87. P. 204759-204762. A letter dated July 16, 1986 regarding the Consent Order is attached.
379. Letter to Mr. Don Becker, PADER, from Mr. Francisco Barba, U.S. EPA, re: Transmittal of the RI/FS Consent Order, 2/12/87. P. 204763-204763.
380. U.S. Postal Service Notice, International Mail Irregularity Form, 2/13/87. P. 204764-204764.
381. Letter to Mr. Lawrence Smith from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, 2/17/87. P. 204765-204769. A certified mail receipt is attached.
382. Letter to Mr. Steven T. Miano, U.S. EPA, from Ms. Dixie L. Laswell, Gessler, Wexler, Flynn, Laswell & Fleischmann, Ltd., re: Withdrawal of Borg-Warner Corporation's assertion of confidentiality, 3/2/87. P. 204770-204774. A copy of Borg-Warner's response to 104(e) inquiry is attached.

383. Letter to Mr. Steven T. Miano, U.S. EPA, from Ms. Lynn A. Clouser, Morgan, Lewis & Bockius, re: The Administrative Consent Order for the RI/FS, 3/3/87. P. 204775-204778. A letter dated July 10, 1986 regarding Buckeye Pipe Line Company's involvement with the site is attached.
384. Letter to Mr. Steven T. Miano, U.S. EPA, from Mr. John F. Lynch, Jr., Carpenter, Bennett & Morrissey, re: Unwillingness to sign the Administrative Consent Order, 3/5/87. P. 204779-204780.
385. Administrative Order by Consent, In The Matter Of: Butler Mine Tunnel Site, U.S. EPA Docket No. III-87-11-DC, 3/30/87. P. 204781-204833.
386. Letter to Mr. Don Becker, PADER, from Mr. Francisco Barba, U.S. EPA, re: The signed Consent Order, 4/2/87. P. 204834-204834.
387. Letter to Mr. Gary Moulder, PADER, from Mr. Francisco Barba, U.S. EPA, re: The Consent Order, 4/2/87. P. 204835-204835.
388. Letter to Respondents, Butler Tunnel Site, from Mr. Steven T. Miano, U.S. EPA, re: The Administrative Consent Order, 4/8/87. P. 204836-204837.
389. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. Eugene D. Murphy, Erie Lackawanna Inc., re: A Quit Claim Deed executed by Pennsylvania Coal Company, 6/23/87. P. 204838-204842. The Deed is attached.
390. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers Inc., re: Monthly Progress Report No. 3, 7/29/87. P. 204843-204846. The report is attached.
392. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 4, 8/28/87. P. 204847-204849. The report is attached.
393. Letter to Mr. Michael D. McIntyre, Department of Justice, from J. William Whitlock, The Upjohn Company, re: Involvement with Butler Mine Tunnel, 9/22/87. P. 204850-204851.

394. Letter to Mr. Michael D. McIntyre, U.S. Department of Justice (DOJ), from Mr. John F. Lynch, Jr., Carpenter, Bennett and Morrissey, re: Confirmation of telephone conversation concerning the cancellation of a meeting and information on Heroux, Inc., 10/1/87. P. 204852-204853.
395. Letter to Mr. Jack M. Leibel, Chemical Management, Inc., from Mr. Michael D. McIntyre, U.S. DOJ, re: Chemical Management's settlement proposal, 11/16/87. P. 204854-204855. A letter dated November 9, 1987 regarding settlement proposal is attached.
396. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report, 11/30/87. P. 204856-204858. The report is attached.
397. Letter to Mr. Joseph T. Gorman, TRW Inc., from Ms. Mary M. Letzkus, U.S. EPA, re: Request for additional information concerning wastes at the site, 12/24/87. P. 204859-204861. A certified mail receipt is attached.
398. Letter to Mr. Lewis A. Claveouloux, The Upjohn Company, from Ms. Mary M. Letzkus, U.S. EPA, re: Request for additional information concerning wastes at the site, 12/24/87. P. 204862-204865. A certified mail receipt is attached.
399. Letter to Mr. Jan F. Howarth, Buckeye Pipeline Company, from Ms. Mary M. Letzkus, U.S. EPA, re: Request for additional information concerning wastes at the site, 12/24/87. P. 204866-204868. A certified mail receipt is attached.
400. Letter to Ms. Linda J. Szempruch, Borg-Warner Corporation, from Ms. Mary M. Letzkus, U.S. EPA, re: Request for additional information concerning wastes at the site, 12/24/87. P. 204869-204871. A certified mail receipt is attached.
401. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 8, 12/30/87. P. 204872-204874. The report is attached.

402. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Thomas M. Giller, Gessler, Flynn, Laswell, Fleischmann, Hughes, & Socol, Ltd., re: Confirmation of a telephone conversation regarding an extension for Borg-Warner to submit information, 1/11/88. P. 204875-204875.
403. Letter to Mr. Michael Mason, U.S. EPA, from Mr. J. William Whitlock, The Upjohn Company, re: Response to request for additional information, 1/14/88. P. 204876-204877.
404. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Thomas M. Giller, Gessler, Flynn, Laswell, Fleischmann, Hughes, and Socol, Ltd., re: Response to request for additional information from Borg-Warner Corporation, 1/15/88. P. 204878-204879.
405. Letter to Mr. Michael Mason, U.S. EPA, from Mr. Jan F. Horwath, Buckeye Pipeline Company, re: Response to request for additional information, 1/21/88. P. 204880-204881.
406. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 9, 1/29/88. P. 204882-204884. The report is attached.
407. Letter to Mr. Michael Mason, U.S. EPA, from Mr. F. David Trickey, TRW Inc., re: Response to request for additional information, 2/5/88. P. 204885-204894. A letter dated January 6, 1988 regarding an extension to the response deadline and a letter dated January 25, 1988 regarding an additional extension to the response deadline are attached.
408. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 10, 2/29/88. P. 204895-204897. The report is attached.
409. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 11, 3/31/88. P. 204898-204900. The report is attached.
410. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 12, 5/2/88. P. 204901-204903. The report is attached.

411. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 13, 6/1/88. P. 204904-204906. The report is attached.
412. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 14, 7/1/88. P. 204907-204910. The report is attached.
413. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 15, 8/1/88. P. 204911-204914. The report is attached.
414. Notice of Winding Up Proceedings, Pennsylvania Coal Company, To All Creditors and Claimants of Pennsylvania Coal Company, 8/30/88. P. 204915-204915.
415. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 16, 9/8/88. P. 204916-204919. The report is attached.
416. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 17, 10/3/88. P. 204920-204923. The report is attached.
417. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 18, 11/2/88. P. 204924-204927. The report is attached.
418. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 19, 12/2/88. P. 204928-204931. The report is attached.
419. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Corddry and Carpenter, Inc., re: Monthly Progress Report No. 20, 1/3/89. P. 204932-204934. The report is attached.
420. Letter to Mr. Joseph Saliunas, Gannett Fleming, from Mr. Michael Towle, U.S. EPA, re: Transmittal of analytical data, 1/4/89. P. 204935-204935.
421. Letter to Mr. Jerry Ros, Danis Industries Corp., from Mr. Michael Towle, U.S. EPA, re: Transmittal of analytical data, 1/4/89. P. 204936-204936.

422. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 21, 2/1/89. P. 204937-204939. The report is attached.
423. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 22, 3/2/89. P. 204940-204942. The report is attached.
424. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 23, 4/3/89. P. 204943-204946. The report is attached.
425. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 24, 5/3/89. P. 204947-204967. The report is attached.
426. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 25, 6/5/89. P. 204968-204971. The report is attached.
427. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 26, 7/6/89. P. 204972-204984. The report is attached.
428. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 27, 8/7/89. P. 204985-204991. The report is attached.
429. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 28, 9/7/89. P. 204992-205008. The report is attached.
430. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 29, 10/10/89. P. 205009-205047. The report is attached.
431. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 30, 11/10/89. P. 205048-205054. The report is attached.

432. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 31, 12/8/89. P. 205055-205065. The report is attached.
433. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 32, 1/11/90. P. 205066-205091. The report is attached.
434. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 33, 2/9/90. P. 205092-205106. The report is attached.
435. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Monthly Progress Report No. 34, 3/9/90. P. 205107-205113. The report is attached.
436. Letter to Mr. John Sabatino, Chemical Pollution, from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, (undated). P. 205114-205118. Two certified mail receipts are attached.
437. Letter to Ms. Edith Gittleman from Mr. Bruce P. Smith, U.S. EPA, re: 104(e) request for information, (undated). P. 205119-205122.
438. Excerpt from a report entitled "Butler Tunnel Site PRP Search," (undated). P. 205123-205126.
439. Index for Title Documents Cited in Report Pertaining to Property History, (undated). P. 205127-205129.
440. Letter to Costal Services from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, (undated). P. 205130-205133. A certified mail receipt is attached.
441. Letter to Oil Transfer Corporation from Mr. Stephen R. Wassersug, U.S. EPA, re: 104(e) request for information, (undated). P. 205134-205136.
442. List of Potentially Responsible Parties, (undated). P. 205137-205141.
443. List of lawyers representing Potentially Responsible Parties, (undated). P. 205142-205144.

III. REMEDIAL RESPONSE PLANNING

1. Memorandum to Ms. Rita Lavelle, U.S. EPA, from Mr. Peter N. Bibko, U.S. EPA, re: Request to remove the site from the National Priorities List (NPL), 12/10/82. P. 300001-300002.
2. Memorandum to Mr. Mike Towle, U.S. EPA, from Ms. Alyce T. Fritz, NOAA, re: Recommendation for a benthic invertebrate study to be conducted, 1/14/87. P. 300003-300006. A letter dated January 11, 1988 regarding a review of the Phase II RI/FS Statement of Work is attached.
3. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, re: Request sampling results, 2/4/87. P. 300007-300008.
4. Letter to PRPs from Mr. Steven Miano, U.S. EPA, re: The Administrative Consent Order for an RI/FS, 2/6/87. P. 300009-300010.
5. Letter to Mr. Gary Maulder, PADER, from Mr. Francisco Barba, U.S. EPA, re: Request for information needed to prepare the Phase I Remedial Investigation, 2/26/87. P. 300011-300011.
6. Letter to Ms. Pat Krantz, U.S. EPA, from Mr. Francisco Barba, U.S. EPA re: Request for information needed to prepare the Phase I Remedial Investigation, 2/26/87. P. 300012-300012.
7. Letter to Mr. Gary Maulder, PADER, from Mr. Francisco Barba, U.S. EPA, re: A letter accidentally not attached to a previous correspondence, 3/10/87. P. 300013-300013.
8. Letter to Ms. Pat Krantz, U.S. EPA, from Mr. Francisco Barba, U.S. EPA, re: A letter accidentally not attached to a previous correspondence, 3/10/87. P. 300014-300014.
9. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, re: Request for laboratory data to be located, 4/7/87. P. 300015-300015.
10. Letter to Mr. Steven A. Miano, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, re: 1985 Hydrogeologic Report, 4/20/87. P. 300016-300016.

11. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: The Phase I Remedial Investigation Report, 8/17/87. P. 300017-300017.
12. Report: Phase I Remedial Investigation Report, Butler Mine Tunnel Site, prepared by Gannet Fleming Environmental Engineers, Inc., 8/17/87. P. 300018-300302. A cover letter is attached.
13. Letter to Ms. Alyce T. Fritz, NOAA, and Mr. Robert C. Runowski, U.S. EPA, from Mr. Francisco Barba, U.S. EPA, re: The Phase I Remedial Investigation, 8/20/87. P. 300303-300303.
14. Letter to Mr. H. Ronald Preston, U.S. EPA, re: The Phase I Remedial Investigation, 8/20/87. P. 300304-300304.
15. Letter to Mr. Edward W. Perry, U.S. Department of the Interior (DOI), from Mr. Francisco Barba, U.S. EPA, re: The Phase I Remedial Investigation 8/20/87. P. 300305-300305.
16. Letter to Ms. Patricia Krantz, U.S. EPA, from Mr. Francisco Barba, U.S. EPA, re: The Phase I Remedial Investigation, 8/20/87. P. 300306-300306.
17. Letter to Mr. Gary Maulder, PADER, from Mr. Francisco Barba, U.S. EPA, re: The Phase I Remedial Investigation, 8/20/87. P. 300307-300307.
18. Memorandum to Ms. Alyce T. Fritz, NOAA, and Mr. Robert C. Runowski, U.S. EPA, from Mr. Francisco Barba, U.S. EPA, re: The Phase I Remedial Investigation, 8/20/87. P. 300308-300310. Sampling data sheets are attached.
19. Memorandum to Mr. Joseph L. Slayton from Mr. Stephen E. Buchanan, U.S. EPA, re: Metals determinations sampling results, 8/26/87. P. 300311-300320. Mercury, PCB and, cyanide analysis results and a Chain of Custody Record are attached.
20. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: Notice of Mr. Houston's vacation and whom to contact in his absence, 9/3/87. P. 300321-300321.
21. Memorandum to Mr. Francisco Barba, U.S. EPA, from Mr. Michael Towle, U.S. EPA, re: Comments on the Phase I Remedial Investigation Report, 9/4/87. P. 300322-300333. Comments and questions are attached.

22. Memorandum to Mr. Francisco Barba, U.S. EPA, from Mr. H. Ronald Preston, U.S. EPA, re: Comments on the Phase I Remedial Investigation, 9/4/87. P. 300334-300334.
23. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: Request for EPA's approval to employ a hydrogeologic expert to complete the Work Plan, 9/29/87. P. 300335-300335.
24. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. William "Red" Whittaker, Carnegie Mellon Institute, re: Potential use of robotic application, 10/9/87. P. 300336-300354. The Field Robotics Center Newsletter and an abstract entitled "Prospects for Robotics in Hazardous Waste Management" are attached.
25. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Francisco Barba, U.S. EPA, re: Comments on the draft Phase I Remedial Investigation, 10/15/87. P. 300355-300360.
26. Memorandum to Mr. Francisco Barba, U.S. EPA, from Mr. John Scalera, U.S. EPA, re: Comments on the Phase I Remedial Investigation Report, 10/15/87. P. 300361-300361.
27. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: The Addendum and Revised Copies of the Phase I Remedial Investigation Report and the Phase I RI/FS Statement of Work, 12/15/87. P. 300362-300413. The Addendum is attached.
28. Memorandum to Ms. Alyce T. Fritz, NOAA; Mr. Robert C. Runowski, Mr. Timothy Travers, Mr. Bruce Molholt, Mr. Steve Miano, and Ms. Patricia Krantz, U.S. EPA; Mr. Gary Moulder and Mr. Jerry Lehman, PADER; Mr. Kenneth Sacks, Bureau of Mines; Mr. William Whittaker and Mr. James Osborn, Carnegie Mellon University, from Mr. Francisco Barba, U.S. EPA, re: The revised Phase I Remedial Investigation and draft Phase II Remedial Investigation, 12/16/87. P. 300414-300414.
29. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: Temporary address for Mr. Houston, 12/19/87. P. 300415-300415.
30. Letter to Mr. Francisco Barba, U.S. EPA, from Mr. H. Kenneth Sacks, U.S. DOI, re: Review of the Phase II Remedial Investigation, 1/5/88. P. 300416-300417. The comments are attached.

31. Telephone conversation record of Mr. Michael Towle, U.S. EPA, with Dr. Kenneth Sacks, Dr. Kleinman, and Mr. Pat Diamond, re: Fracturing mine pillars as a result of drilling into the mine system, 1/11/88. P. 300418-300418.
32. Letter to Mr. Michael Tohl [sic], U.S. EPA, from Mr. Walter L. Graf, Geo/Resource Consultants, Inc., re: Comments on the Phase I Remedial Investigation Addendum and the Phase II RI/FS Statement of Work, 1/11/88. P. 300419-300421.
33. Telephone conversation record of Mr. Michael Towle, U.S. EPA, with Mr. Dave Simpson, re: Drilling in abandoned mines, 1/12/88. P. 300422-300422.
34. Memorandum to Mr. Francisco Barba, U.S. EPA, from Mr. John Scalera, U.S. EPA, re: Quality Assurance Project Plan (QAPjP) review of the Phase II Statement of Work, 1/12/88. P. 300423-300439. The Quality Assurance Project Plan Review is attached.
35. Memorandum to Mr. Michael Towle, U.S. EPA, from Mr. Bruce Molholt, U.S. EPA, re: Comments on the Phase I Remedial Investigation and the Phase II RI/FS documents, 1/13/88. P. 300440-300442.
36. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Comments on the Phase I Remedial Investigation Addendum, the revised Phase I Remedial Investigation, and the Phase II RI/FS Statement of Work, 1/15/88. P. 300443-300458. The comments are attached.
37. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Comments on the Phase II Remedial Investigation, 1/21/88. P. 300459-300460. A certified mail receipt is attached.
38. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: EPA's comments on the Phase I Remedial Investigation Addendum and the draft Phase II RI/FS Work Plan, 1/22/88. P. 300461-300461.
39. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: Request for additional time to submit the revised Work Plan, 1/28/88. P. 300462-300462.
40. Meeting sign-in sheet, 2/5/88. P. 300463-300465. Handwritten notes regarding the meeting are attached.

41. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: Schedule for the PRP's to deliver the revised Work Plan, 2/9/88. P. 300466-300466.
42. Telephone conversation record of Mr. Michael Towle, U.S. EPA, with Dr. Kenneth Sacks and Dr. Jack Holbrook, re: Drilling into an anthracite mine system, 2/17/88. P. 300467-300467.
43. Telephone conversation record of Mr. Michael Towle, U.S. EPA, with Mr. Roger King, USBM, re: Drilling into the Butler mine complex, 2/18/88. P. 300468-300468.
44. Letter to Mr. A.B.M. Houston from Mr. Michael Towle, U.S. EPA, re: Confirmation of an agreement on the date for submittal of the revised Work Plan, 2/25/88. P. 300469-300469.
45. Meeting sign-in sheet, 3/9/88. P. 300470-300474. A letter dated March 14, 1988 regarding additional hydrogeologic investigation work and a memorandum dated March 9, 1988 regarding a summary of the March 9, 1988 technical meeting are attached.
46. Letter to Les Oakes, King and Spalding, from Mr. Steven Miano, U.S. EPA, re: Disapproval of an extension period for the PRPs to respond to EPA's comments on the Work Plan, 3/10/88. P. 300475-300475.
47. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Inclusion of the PRP's responses to EPA's comments on the Work Plan, 3/24/88. P. 300476-300476.
48. Letter to Mr. Mike Ferko, PADER, from Ms. Katherine L. Shine, U.S. EPA, re: Use of water from the Butler Tunnel Mine pool, 3/24/88. P. 300477-300478.
49. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Concerns about possible drilling and pumping activities, 3/31/88. P. 300479-300481.
50. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: The revised Work Plan, 4/5/88. P. 300482-300482.
51. Letter to Mr. Arthur C. Miles, U.S. DOI, from Mr. Michael Towle, U.S. EPA, re: The revised Phase II RI/FS Work Plan, 4/6/88. P. 300483-300483.

52. Letter to Mr. Reno Ducceschi, PADER, from Mr. Michael Towle, U.S. EPA, re: The revised Phase II RI/FS Work Plan, 4/6/88. P. 300484-300484.
53. Letter to Mr. H. Kenneth Sacks, U.S. Bureau of Mines, from Mr. Michael Towle, U.S. EPA, re: The revised Phase II RI/FS Work Plan, 4/6/88. P. 300485-300485.
54. Letter to Mr. Walter L. Graf, Geo/Resource Consultants, Inc. from Mr. Michael Towle, U.S. EPA re: The revised Phase II RI/FS Work Plan, 4/6/88. P. 300486-300486.
55. Letter to Mr. Gerald L. Finfinger, U.S. Bureau of Mines, from Mr. Michael Towle, U.S. EPA, re: The revised Phase II RI/FS Work Plan, 4/6/88. P. 300487-300487.
56. Letter to Mr. James Snyder, PADER, from Mr. Bruce P. Smith, U.S. EPA, re: Pumping of water from the Butler Tunnel Mine pool, 4/15/88. P. 300488-300488.
57. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Summary of a technical meeting about the proposed mine flushing project, 4/26/88. P. 300489-300490.
58. Letter to Mr. Michael Towle, U.S. EPA, from Mr. Reno P. Ducceschi, PADER, re: Comments on the revised Phase II RI/FS Work Plan, 4/26/88. P. 300491-300491.
59. Letter to Mr. Jerry Ross, Danis Industries Corporation, from Mr. Michael Towle, U.S. EPA, re: Two reports concerning hydrogeology and extent of contamination, 4/29/88. P. 300492-300492.
60. Letter to Mr. Bruce P. Smith, U.S. EPA, from Ms. Virginia Davison, PADER, re: Faulty organic sensor alarm system, 4/29/88. P. 300493-300493.
61. Letter to Mr. Gerald L. Finfinger, U.S. Bureau of Mines, from Mr. Michael Towle, U.S. EPA, re: Cancellation of the RI/FS Work Plan meeting and a request for comments on the Work Plan, 5/2/88. P. 300494-300494.
62. Letter to Mr. Walter L. Graf, Geo/Resource Consultants, Inc., from Mr. Michael Towle, U.S. EPA, re: Cancellation of the RI/FS Work Plan meeting and a request for comments on the Work Plan, 5/2/88. P. 300495-300495.

63. Letter to Mr. Reno Ducceschi, PADER, from Mr. Michael Towle, U.S. EPA, re: Cancellation of the RI/FS Work Plan meeting and a request for comments on the Work Plan, 5/2/88. P. 300496-300496.
64. Letter to Mr. H. Kenneth Sacks, U.S. Bureau of Mines, from Mr. Michael Towle, U.S. EPA, re: Cancellation of the RI/FS Work Plan meeting and a request for comments on the Work Plan, 5/2/88. P. 300497-300497.
65. Letter to Mr. Arthur C. Miles, U.S. Office of Surface Mining, from Mr. Michael Towle, U.S. EPA, re: Cancellation of the RI/FS Work Plan meeting and a request for comments on the Work Plan, 5/2/88. P. 300498-300498.
66. Memorandum to Mr. Michael Towle, U.S. EPA, from Mr. John Scalera, U.S. EPA, through Ms. Patricia J. Krantz, U.S. EPA, re: Review and approval of the Phase II Statement of Work, 5/3/88. P. 300499-300515. The Quality Assurance Project Plan Review is attached.
67. Letter to Mr. Michael Towle, U.S. EPA, from Mr. Gerald L. Finfinger, U.S. DOI, re: Comments on the Phase II RI/FS Work Plan, 5/5/88. P. 300516-300517.
68. Sampling analysis results package, Total Cyanide and Petroleum Hydrocarbons, 5/10/88. P. 300518-300518.
69. Sampling analysis results package, Total Cyanide and EPA Method 601 and 602, 5/10/88. P. 300519-300521.
70. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Comments on the Phase I Remedial Investigation and the Phase II RI/FS Work Plan, 5/16/88. P. 300522-300524.
71. PRP Response to EPA's January 15, 1988 Comments, Phase II Work Plan, 5/18/88. P. 300525-300528.
72. Telephone conversation record of Mr. Michael Towle, U.S. EPA, with Mr. Tony Houston, re: PRP's commitment to the RI/FS, 5/31/88. P. 300529-300529.
73. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: Agreement with EPA's comments on the Phase I Remedial Investigation and the Phase II RI/FS Work Plan, 6/6/88. P. 300530-300530.

74. Sampling analysis results package, Mine Water Sample Analysis, 6/13/88. P. 300531-300535. A Chain of Custody Record is attached.
75. Letter to Mr. Michael Towle, U.S. EPA, from Dr. John A. Holbrook II, U.S. DOI, re: Assistance in the technical evaluation of the work proposal to determine potential health and safety hazards, 6/13/88. P. 300536-300537.
76. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Agreement with EPA's comments on the RI/FS Work Plan to be made by the PRPs once the fate of the Heidelberg Mine Flushing Project has been determined, 6/29/88. P. 300538-300538.
77. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.B.M. Houston, Ford Motor Company, re: Request for information on the Heidelberg Mine Flushing Project, 7/7/88. P. 300539-300541. Two Chain of Custody Records are attached.
78. Letter to Mr. Larry DeRoo, G.E. Ray Construction Company, from Mr. Bruce Smith, U.S. EPA, re: EPA's concerns about the mine flushing project, 7/7/88. P. 300542-300543.
79. Sampling analysis results package, TOX and TOC Analysis of 6 water samples, 7/8/88. P. 300544-300544.
80. Sampling analysis results package, TOX and TOC Analysis on a Rush Basis of Water, 7/12/88. P. 300545-300545.
81. Sampling analysis results package, TOX and TOC Analysis, 7/20/88. P. 300546-300546.
82. Sampling analysis results package, TOX and TOC Analysis, 7/27/88. P. 300547-300547.
83. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Summary of a technical meeting to discuss the mine flushing project, 7/27/88. P. 300548-300550. A meeting sign-in sheet is attached.
84. Letter to Mr. Michael Towle, U.S. EPA, from Mr. Michael R. Ferko, PADER, re: Information for the Subsidence Control Project, 7/28/88. P. 300551-300551.
85. Memorandum to U.S. EPA from G.E. Ray Construction Company Inc., re: Water sample analysis reports, 8/3/88. P. 300552-300552.

86. Telephone conversation record of Mr. Michael Towle, U.S. EPA, with Mr. Tony Houston, PRP Project Coordinator, re: Commencement of the RI/FS, 8/5/88. P. 300553-300553.
87. Memorandum to Mr. Peter Schaul, U.S. EPA, from Mr. Michael Towle, U.S. EPA, re: The PADER Heidelberg Mine Flushing Project and its effects on the site, 8/5/88. P. 300554-300556.
88. Letter to Mr. Bruce P. Smith, U.S. EPA, from Ms. Bridget Hofman, PADER, re: Confirmation of facts concerning the signing of the Consent Order and the delays in beginning the Mine Flushing Project, 8/18/88. P. 300557-300558.
89. Letter to Mr. James Seif, U.S. EPA, from Mr. Arthur A. Davis, PADER, re: The Subsidence Stabilization Project, 8/19/88. P. 300559-300562.
90. Routing and Transmittal Slip to Mr. Tom Voltaggio and Mr. Bruce P. Smith, U.S. EPA, from Schrec, re: Meeting request, 8/22/88. P. 300563-300563.
91. Meeting confirmation sheet listing attendees, re: Butler Tunnel and Heidelberg Colliery, 8/24/88. P. 300564-300564.
92. Letter to Ms. Katherine L. Shine, U.S. EPA, from Mr. Russell V. Randle, Patton, Boggs & Blow, re: The PRP Group's position concerning PADER's decision to conduct the Mine Flushing Project, 8/26/88. P. 300565-300568.
93. Letter to Mr. Arthur A. Davis, PADER, from Mr. James M. Seif, U.S. EPA, re: Concerns about the Subsidence Stabilization Project, 8/31/88. P. 300569-300570.
94. Letter to Mr. Larry DeRoo, G.E. Ray Construction Company, from Mr. Michael Towle, U.S. EPA, re: Boreholes to be drilled at the Butler and Heidelberg Mines to determine if the Subsidence Stabilization Project could trigger a release at the site, 9/1/88. P. 300571-300572.
95. Letter to Mr. Walter Kosak, Kaminiski Brothers, Inc., from Mr. Michael Towle, U.S. EPA, re: Boreholes to be drilled at the Bulter and Heidelberg Mines to determine if the Subsidence Stabilization Project could trigger a release at the site, 9/1/88. P. 300573-300574.

96. Telecopy transmittal sheet to Mr. Donald Rosenbarger, G.E. Ray Construction Company, from Mr. Michael Towle, US. EPA, 9/1/88. P. 300575-300575.
97. Telephone conversation record of Mr. Michael Towle, U.S. EPA, with Mr. Tony Miorin, Gannett Fleming Environmental Engineers, Inc., re: Sampling and monitoring activities, 9/1/88. P. 300576-300576.
98. Letter to Mr. Larry DeRoo, G.E. Ray Construction Company, from Mr. Michael Towle, U.S. EPA, re: The Subsidence Stabilization Project, 9/6/88. P. 300577-300579. A Telecopy transmittal sheet is attached.
99. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Summary of a meeting to determine borehole locations, 9/6/88. P. 300580-300581.
100. Interoffice routing slip, re: A letter concerning the subsidence stabilization project, 9/6/88. P. 300582-300586. The letter is attached.
101. Letter to Mr. Reno P. Ducceschi, PADER, from Mr. Michael Towle, U.S. EPA, re: Scope of the sampling effort for the Subsidence Control Project, 9/6/88. P. 300587-300590.
102. Postcard to Mr. Michael Towle, U.S. EPA, from Mr. Reno P. Ducceschi, PADER, re: The Sampling Plan for Butler Tunnel Project, 9/7/88. P. 300591-300593. The Sampling Plan is attached.
103. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: A meeting about the Mine Subsidence Control Project, 9/12/88. P. 300594-300595. Handwritten notes regarding the are attached.
104. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: A meeting with the PRPs about the Subsidence Control Project, 9/12/88. P. 300596-300596.
105. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Takeover by EPA of the monitoring program for the Heidelberg Mine Flushing Project, 9/12/88. P. 300597-300597.
106. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Sampling and monitoring activities to be performed by EPA for the Subsidence Control Project, 9/12/88. P. 300598-300598.

107. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Summary of the Subsidence Control Project borehole installation activities, 9/13/88. P. 300599-300601.
108. Letter to Mr. Bruce Smith, U.S. EPA, from Mr. Michael R. Ferko, PADER, re: Boreholes drilled to obtain water samples, 9/23/88. P. 300602-300602.
109. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Evaluation of mine structure, mine drainage, and contaminant migration, 9/30/88. P. 300603-300605.
110. TES III Monthly Work Assignment Status Report, 10/88. P. 300606-300618.
111. Letter to Mr. Mike Ferko, PADER, from Mr. L.P. DeRoo, G.E. Ray Construction Company, Inc., re: Indemnification of the contractor against risks and liabilities, 10/5/88. P. 300619-300620.
112. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Norman Fritsche, U.S. EPA, re: TOC determinations sampling results, 10/17/88. P. 300621-300622. PCB/pesticide analysis sampling results are attached.
113. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. John Austin, re: VOA sample analysis results determined by Gas Chromatograph/Mass Spectrometry, 10/17/88. P. 300623-300631. The results are attached.
114. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Ms. Deborah Horne, Weston, Inc., re: Cyanide determinations analysis results, 10/18/88. P. 300632-300633.
115. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Ms. Dedra Mattox, Weston, Inc., re: Oil and grease analysis results, 10/21/88. P. 300634-300635.
116. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Joseph Slayton, U.S. EPA, re: Gas Chromatograph/Mass Spectrometry analysis of samples, 10/24/88. P. 300636-300661. An Extractable Organics Analysis Target Compound Data Sheet and water analysis print-out sheets are attached.
117. Memorandum to Mr. Michael Towle, U.S. EPA from Mr. Daniel K. Donnelly, U.S. EPA, re: Analytical Reports for samples received on October 4 and 5, 10/31/88. P. 300662-300663. An EPA Office of Enforcement Chain of Custody Record is attached.

118. Routing and Transmittal Slip to K. Shine, W. Early, M. Towle, G. Crystal [sic], and B.P. Smith from K. Shine, re: A letter concerning the Mine Subsidence Project, 11/3/88. P. 300664-300665. The letter is attached.
119. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Dedra Mattox, Weston, Inc., re: Oil and grease determinations results, 11/7/88. P. 300666-300667.
120. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, Ms. Dedra Mattox, Weston, Inc., re: Cyanide determinations analysis results, 11/7/88. P. 300668-300670.
121. Memorandum to file Mr. Michael Towle, U.S. EPA, re: Summary of activities involving the installation of boreholes, 11/7/88. P. 300671-300674.
122. Letter to Mr. James P. Snyder, PADER, from Mr. Bruce P. Smith, U.S. EPA, re: Completion of the baseline sampling for the Heidelberg and Butler Tunnel Mines, 11/21/88. P. 300675-300676.
123. Memorandum to Mr. Michael Towle, U.S. EPA, from Mr. Daniel K. Donnelly, U.S. EPA, re: Analytical reports for sample received on October 26, 11/22/88. P. 300677-300677.
124. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Norman Fritsche, U.S. EPA, re: TOC/DOC analyses results, 11/22/88. P. 300678-300678.
125. Letter to Mr. Reno Ducceschi, PADER, from Mr. John K. Guehlstorf, Fiatron Process Systems, re: Description of an analytical system for monitoring total oils and grease and transmittal of an outline and a drawing of a process analyzer, 11/22/88. P. 300679-300697. The following are attached:
 - a) a summary of an On Line Environmental Method Proposal;
 - b) two drawings of the Fiatron Process Systems;
 - c) an Industrial Instrumentation Application of Biotronic's Ultraviolet Visible/Near Infrared Analysis an Fluorometric Analyzers In the Continuous Strip Plating Industry;
 - d) Table 3, Metals Reported to Absorb Appreciably in UV When in CoM HCl;
 - e) , Figure 2, Remote Fiber Flourometric Analyzer;

- f) Figure 1, Remote Infrared Analyzer Block Diagram;
 - g) a description of the B1-401 Fiber-Optic Based Fluorometric Analyzer;
 - h) a description of the B1-402 Fiber-Optic Based Fluorometric Analyzer.
126. Memorandum to Mr. Michael Towle, U.S. EPA, from Mr. Daniel K. Donnelly, U.S. EPA, re: Analytical reports of samples received October 11 and 18, 11/28/88. P. 300698-300711. The following are attached:
- a) a letter regarding TOC determinations, dated October 24, 1988;
 - b) a letter regarding oil and grease determinations, dated October 21, 1988;
 - c) a letter regarding cyanide determinations, dated November 16, 1988;
 - d) a letter regarding TOC determinations, dated November 1, 1988;
 - e) a letter regarding cyanide determinations, dated November 11, 1988;
 - f) a letter regarding oil and grease determinations, dated November 7, 1988;
 - g) a Chain of Custody Record.
127. CH₂M Hill Environmental Laboratory Analysis Results, 11/30/88. P. 300712-300714.
128. CH₂M Hill Environmental Laboratory Analysis Results, 11/30/88. P. 300715-300717.
129. CH₂M Hill Environmental Laboratory Amended Analysis Results, 11/30/88. P. 300718-300723.
130. CH₂M Hill Environmental Laboratory Amended Analysis Results, 11/30/88. P. 300724-300726.
131. Letter to Mr. Bruce Smith, U.S. EPA, from Mr. Michael R. Ferko, PADER, re: Cost break-down for completed drilling and casing, 12/2/88. P. 300727-300728.

132. Memorandum to Mr. Mike Towle and Ms. Stephany Del Re', U.S. EPA, from Ms. Claudia P. Walters, U.S. EPA, re: Quality Assurance review of the draft Work Plan, 12/6/88. P. 300729-300730.
133. Memorandum to Mr. Mike Towle, U.S. EPA, from Ms. Claudia P. Walters, U.S. EPA, re: Review comments on the draft Work Plan, 12/6/88. P. 300731-300732.
134. Letter to Mr. Michael R. Ferko, PADER, from Mr. Bruce P. Smith, U.S. EPA, re: Cost of borehole drilling, 12/19/88. P. 300733-300736. A Routing and Transmittal Slip and a copy of one page of the letter are attached.
135. Letter to Mr. Michael Towle, U.S. EPA from Mr. James Burd, CH₂M Hill, re: CH₂M Hill's final enforcement support Work Plan, 12/30/88. P. 300737-300787. The Work Plan is attached.
136. Report: Preliminary Health Assessment for Butler Mine Tunnel, prepared by Agency for Toxic Substances and Disease Registry (ATSDR), 1/4/89. P. 300788-300793.
137. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Michael Towle, U.S. EPA, re: Questions and comments on sampling test results, 1/4/89. P. 300794-300799. A letter dated December 15, 1988 regarding the November 1988 Monthly Progress Report and a Technical Status Report are attached.
138. Pages blank due to duplication process. P. 300800-300802.
139. Letter to Mr. Reno P. Ducceschi, PADER, from Mr. Michael Towle, U.S. EPA, re: Analytical results from the Butler and Heidelberg Mines, 1/4/89. P. 300803-300803.
140. Letter to Mr. Michael R. Ferko, PADER, from Mr. Michael Towle, U.S. EPA, re: Analytical results from the Bulter and Heidelberg Mines, 1/4/89. P. 300804-300804.
141. Letter to Mr. Walter Kozak, Kaminiski Brothers, Inc., from Mr. Michael Towle, U.S. EPA, re: Transmittal of the log of boreholes drilled on Mr. Kozak's property, 1/12/89. P. 300805-300812. The drilling log and a borehole location map are attached.

142. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Possible cooperative agreement between EPA and PADER to enable PADER to provide oversight and technical assistance to EPA, 2/13/89. P. 300813-300813.
143. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: A delay in starting field work for the RI/FS, 2/14/89. P. 300814-300814.
144. Letter to Mr. Mark M. McClellan, PADER, from Mr. Stephen R. Wassersug, U.S. EPA, re: Stabilization project for the Heidelberg Mine, 2/22/89. P. 300815-300816.
145. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Summary of a February 12 site visit, 2/23/89. P. 300817-300818.
146. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Summary of a meeting about the Cooperative Agreement, 2/23/89. P. 300819-300820.
147. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Borehole drilling specifications, 2/23/89. P. 300821-300821.
148. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Drilling specifications for borehole 2A, 2/23/89. P. 300822-300823.
149. Letter to Mr. Michael Ferko, PADER, from Mr. Bruce P. Smith, U.S. EPA, re: Start of Remedial Investigation activities, 3/1/89. P. 300824-300825.
150. Letter to Mr. Norman Bernstein, Jenner & Block, from Ms. Katherine L. Shine, U.S. EPA, re: Approval of the Phase II RI/FS, 3/7/89. P. 300826-300833. The following are attached:
 - a) a letter regarding the Mine Subsidence Flushing Project, dated June 6, 1988;
 - b) a letter regarding conduction of the RI/FS, dated June 29, 1988;
 - c) a letter regarding the Subsidence Stabilization Project for the Heidelberg Colliery, dated February 22, 1989;
 - d) a copy of page two of attachment 'c'.

151. Letter to Ms. Katherine L. Shine, U.S. EPA, from Mr. Russell V. Randle, Patton, Boggs, & Blow, re: The PRP Group's position on the Phase II RI/FS, 3/16/89. P. 300834-300835.
152. Report: Butler Tunnel Amended Work Plan, prepared by. CH₂M Hill, 3/16/89. P. 300836-300849.
153. Letter to Mr. Michael Ferko, PADER, from Mr. Bruce P. Smith, U.S. EPA, re: Assistance from PADER with Remedial Investigation activities, 3/22/89. P. 300850-300852. A site map is attached.
154. Letter to Ms. Katherine Shine and Mr. Michael Towle, U.S. EPA, from Mr. Russell V. Randle, Patton, Boggs, & Blow, re: Submittal of the proposed modifications to the Work Plan 4/6/89. P. 300853-300855.
155. Letter to Mr. Russell V. Randle, Patton, Boggs, & Blow, from Mr. Michael Towle, U.S. EPA, re: Approval of the revisions to the Work Plan, 4/10/89. P. 300856-300856.
156. Memorandum to Mr. Norman W. Bernstein and Mr. Russell V. Randle, from Mr. A.B.M. Houston, Ford Motors Company, re: The Emergency Response Plan, 4/12/89. P. 300857-300868. The Emergency Response Plan is attached.
157. Report: Phase II Remedial Investigation/Feasibility Study Work Plan Butler Mine Tunnel Site, prepared by Gannett Fleming Environmental Engineers, Inc., 5/5/89. P. 300869-301121.
158. Letter to Mr. Reno Ducceschi, PADER, from Mr. Michael Towle, U.S. EPA, re: The revised Phase II RI/FS, 5/5/89. P. 301122-301122.
159. Memorandum to Mr. Bruce P. Smith, U.S. EPA, from Ms. Katherine L. Shine, U.S. EPA, re: Request for signature on a letter concerning the Emergency Response System, 5/11/88. P. 301123-301124.
160. Letter to Mr. Michael Towle, U.S. EPA, from Mr. Reno P. Ducceschi, PADER, re: Results of the August 1988 sampling effort, 5/16/89. P. 301125-301276. The results are attached.
161. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Approval of the revised Phase II RI/FS, 5/19/89. P. 301277-301288. A Butler Tunnel Service List, and 17 certified mail receipts are attached.

162. Report: Draft Sampling and Analysis Plan Butler Tunnel Enforcement Support, Pittston, Pennsylvania, prepared by CH₂M Hill, 6/89. P. 301288-301436.
163. Memorandum to Mr. Benedict Sewall from Ms. Theresa Boehm, CH₂M Hill, re: Incomplete shipment of test results, 6/28/89. P. 301437-301437.
164. Record of telephone conversation of Ms. Terri Shaughnesey with Ms. Annete Lage, U.S. EPA, re: Analysis of water for oil & grease, 6/30/89. P. 301438-301439. A telephone record log is attached.
165. Letter to Mr. David Lamereaux, PADER, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Request for a meeting to discuss the installation and maintenance of flow monitoring instruments, 7/6/89. P. 301440-301441.
166. Letter to Ms. Briget Hofman, PADER, from Mr. Gregg Crystall, U.S. EPA, re: Request for information on the status of the Mine Subsidence Control Project, 7/10/89. P. 301442-301442.
167. Letter to Mr. Reno Ducceschi, PADER, from Mr. Mark G. Mummert, Gannett Fleming Environmental Engineers, Inc., re: Findings on the mixing zone issue, 8/4/89. P. 301443-301444.
168. Memorandum to Mr. Michael Towle, U.S. EPA, from Ms. Theresa A. Simpson, U.S. EPA, re: Review comments on the Work Plan and the Quality Assurance Project Plan, 8/4/89. P. 301445-301462. The comments and the Quality Assurance Project Plan are attached.
169. Memorandum to Mr. Michael Towle, U.S. EPA; Mr. Reno Ducceschi and Mr. Robert Shober, PADER; Mr. Tony Miorin and Mr. Albert Bain, Gannett Fleming Environmental Engineers, Inc., from Joe Saliunas, re: Minutes of the August 3, 1989 meeting, 8/14/89. P. 301463-301474. The minutes, the preliminary Tunnel Flow Monitoring Program Design, and two site sketches are attached.
170. Letter to Mr. Michael Towle, U.S. EPA, from Ms. Laura J. Gavin, CH₂M Hill, re: Concerns about the Quality Assurance Project Plan, 8/17/89. P. 301475-301482. The following are attached:
- a) EPA Region III Quality Assurance Directives;
 - b) a letter regarding sampling issues related to the RI/FS, dated August 21, 1989;

- c) a letter regarding sampling of the Susquehanna River, dated September 14, 1989;
 - d) comments on the Susquehanna River Sampling Program Design.
171. Report: Draft Work Plan, Butler Tunnel Site, RI/FS Oversight, prepared by CH₂M Hill, 8/18/89. P. 301483-301547.
172. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: The program design for the Mouth Flow Monitoring System, 8/21/89. P. 301548-301556. The program design is attached.
173. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Oversight sampling issues, 8/21/89. P. 301557-301557.
174. Memorandum to file from Mr. Michael Towle, U.S. EPA, re: Cooperative agreement between EPA and PADER, 8/24/89. P. 301558-301558.
175. Meeting sign-in sheet, 8/30/89. P. 301559-301559.
176. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Proposed agenda for a meeting between EPA and the PRP Group Technical Committee, 9/6/89. P. 301560-301563. Two facsimile cover sheets are attached.
177. Letter to Mr. Michael Towle, U.S. EPA, from A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Initial analysis of discharge samples, 9/7/89. P. 301564-301564.
178. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Approval of the Tunnel Mouth Flow Monitoring Program Design, 9/14/89. P. 301565-301566. Comments on the Susquehanna River Sampling Program are attached.
179. Memorandum to Ms. Claudia Walters, U.S. EPA, from Mr. Michael Towle, U.S. EPA, re: The revised RI/FS Work Plan, 9/19/89. P. 301567-301567.

180. Telephone conversation record of Mr. Mike Towle and Ms. Claudia Walters, U.S. EPA, with Mr. Frank Swit, Mr. Tony Miorin, Mr. Mark Mummert, and Mr. Dave Lane, Gannett Fleming, re: Quality Assurance/Quality Control concerns and river sampling, 9/22/89. P. 301568-301569.
181. Memorandum to Ms. Carla Dempsey, U.S. EPA, from Ms. Patricia J. Krantz, U.S. EPA, re: The Region III CLP Data Review, 9/25/89. P. 301570-301608. The data review is attached.
182. Report: Draft Sampling and Analysis Plan, Butler Tunnel Enforcement Support, prepared by CH₂M Hill, 9/26/89. P. 301609-301748.
183. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Request for review and approval of the Precipitation Gauge Program Design, 9/26/89. P. 301749-301752. The Precipitation Gauge Program Design and a wiring diagram are attached.
184. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Approval of the Precipitation Gauge Program Design, 9/29/89. P. 301753-301753.
185. Report: Final Work Plan Butler Tunnel Site RI/FS Oversight, prepared by CH₂M Hill, 10/89. P. 301754-301780.
186. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Analysis of water and sediment samples, 10/2/89. P. 301781-301782.
187. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: The updated Sampling Program Design, 10/4/89. P. 301783-301826. The program design is attached.
188. Memorandum to Mr. Mike Towle, U.S. EPA, from Ms. Claudia P. Walters, U.S. EPA, re: Approval of the Work Plan and Sampling Analysis Plan, 10/5/89. P. 301827-301827.
189. Report: Draft Field Operations Report for Butler Tunnel, prepared by CH₂M Hill, 10/9/89. P. 301828-301945.

190. Memorandum to Mr. Mike Towle, U.S. EPA, from Ms. Terri Boehm, CH₂M Hill, re: Miscommunication of the Special Analytical Services (SAS) sampling data, 10/12/89. P. 301946-301955. The corrected Special Analytical Services sampling information is attached.
191. Letter to the Honorable Arthur Davis, PADER, from Mr. Edwin B. Erickson, U.S. EPA, re: Proposal for PADER to perform a Subsidence Control Project, 10/12/89. P. 301956-301956.
192. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: The Tunnel Background Program Design, 10/13/89. P. 301957-301970. The program design is attached.
193. Letter to Mr. Joseph C. Yuhas, Hughestown Borough Engineer, from Mr. Joseph R. Saliunas, Gannett Fleming Environmental Engineers, Inc., re: Request for permission to install a continuous water level recorder, 10/16/89. P. 301971-301971.
194. Memorandum to Mr. Mike Towle, U.S. EPA, from Ms. Claudia P. Walters, U.S. EPA, re: Approval of the Susquehanna River Sampling Program Design, 10/19/89. P. 301972-301972.
195. Letter to Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., from Mr. Michael Towle, U.S. EPA, re: Conditional approval of the Program Design, 10/20/89. P. 301973-301974.
196. Letter to Mr. Michael Towle, U.S. EPA, from Mr. James Burd, CH₂M Hill, re: Oversight of the Susquehanna River sampling, 10/24/89. P. 301975-301989. The following are attached:
- a) a memorandum regarding a summary of a field trip, dated October 24, 1989;
 - b) Table 1, Surface Water Split Sample Summary;
 - c) Table 2, Sediment Split Sample Summary;
 - d) five Chain of Custody Records;
 - e) a memorandum regarding corrections to sample shipping logs, dated October 23, 1989;
 - f) three Sample Shipping Logs.

197. Memorandum to Mr. Mike Towle, U.S. EPA, from Ms. Claudia P. Walters, U.S. EPA, re: Review of the method used to analyze samples for oils, gasolines, and unknown organics, 10/25/89. P. 301990-301991.
198. Letter to Mr. Michael Towle, U.S. EPA, from Ms. Terri Boehm, CH₂M Hill, re: Oversight of the Phase II Remedial Investigation Outfall Sampling Low Flow Event, 11/6/89. P. 301992-302001. A Duryea Outfall Split Sample Summary, two sample shipping logs, and three Chain of Custody Records are attached.
199. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannet Fleming Environmental Engineers, Inc., re: The Exploratory Borehole Drilling Program Design, 11/7/89. P. 302002-302064. The program design is attached.
200. Letter to Mr. Joseph V. Kasper from Mr. Michael Towle, U.S. EPA, re: Schedule for resumption of the Subsidence Control Project, 11/13/89. P. 302065-302070. A correspondence control slip, an interoffice route slip, and a letter dated October 24, 1989 regarding the Subsidence Control Project are attached.
201. Letter to Mr. Edwin B. Erickson, U.S. EPA, from Mr. Arthur A. Davis, PADER, re: The Subsidence Control Project, 11/15/89. P. 302071-302072. An interoffice route slip is attached.
202. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: A minor problem encountered during sampling activities, 11/15/89. P. 302073-302073.
203. Letter to Mr. Arthur C. Miles, U.S. DOI, from Mr. Michael Towle, U.S. EPA, re: Request for assistance in conducting camera work within boreholes, 11/21/89. P. 302074-302075.
204. Letter to Mr. Mike Towle, U.S. EPA, from Mr. James Burd, CH₂M Hill, re: Review comments on the Drilling Program Design, 11/28/89. P. 302076-302077.
205. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Approval of the Exploratory Borehole Drilling Program Design, 11/29/89. P. 302078-302079. An attachment is attached.

206. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Preparation of design documents for borehole rehabilitative work, 12/11/89. P. 302080-302080.
207. Memorandum to Mr. Mike Towle, U.S. EPA, from Mr. Gary V. Bryant, U.S. EPA, re: Toxicity test results, 12/14/89. P. 302081-302094. The Toxicity Test Report is attached.
208. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Request for review and approval of the Borehole Monitoring Program Design, 12/29/89. P. 302095-302138. The Program Design is attached.
209. Report: Health and Safety Plan, Tunnel Flow Monitoring Installation, Butler Mine Tunnel Site, Pittston, Pennsylvania, prepared by Gannett Fleming Environmental Engineers, Inc., 1/90. P. 302139-302178.
210. Memorandum to Mr. Mike Towle, U.S. EPA, from Mr. Daniel K. Donnelly, U.S. EPA, re: Analytical results, 1/3/90. P. 302179-302205. The results are attached.
211. Letter to Mr. Michael Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Response to a November 15, 1989 letter, 1/4/90. P. 302206-302207.
212. Memorandum to the Honorable Arthur A. Davis, PADER, from Mr. Patrick J. Solano, PADER, re: The Mine Subsidence Project, 1/4/90. P. 302208-302208.
213. Letter to Mr. Reno Ducceschi, PADER, from Mr. Joseph R. Saliunas, Gannett Fleming Environmental Engineers, Inc., re: Installation of flow monitoring devices, 1/9/90. P. 302209-302209.
214. Letter to Mr. Mike Towle, U.S. EPA, from Mr. A.F. Miorin, Gannett Fleming Environmental Engineers, Inc., re: Review comments on the Borehole Monitoring Program Design, 1/17/90. P. 302210-302214. The comments and a letter dated January 23, 1990 regarding clarification to the comments are attached.
215. Letter to Mr. Reno Ducceschi, PADER, from Mr. Joseph R. Saliunas, Gannett Fleming Environmental Engineers, Inc., re: Installation of flow monitoring devices, 1/19/90. P. 302215-302215.

216. Memorandum to Mr. A.B.M. Houston and Mr. A.F. Miorin from Mr. Michael Towle, U.S. EPA, re: Documents relevant to the RI/FS, 1/22/90. P. 302216-302216.
217. Letter to Mr. Michael Towle, U.S. EPA, from Mr. Jim Burd, CH₂M Hill, re: Comments on the Borehole Monitoring Program Design, 1/23/90. P. 302217-302217.
218. Meeting sign-in sheet, Butler Tunnel/DuPont Project Meeting, 1/23/90. P. 302218-302218.
219. Letter to Dr. Jack Holbrook, U.S. DOI, from Mr. Michael Towle, U.S. EPA, re: Camera services for use in RI/FS activities, 1/26/90. P. 302219-302227. The following are attached.
- a) a Statement of Work, Borehole Camera Investigation and Technical Assistance;
 - b) a Task Summary;
 - c) Attachment A, Video Camera Inspection;
 - d) Attachment B, Borehole Sampling Tables;
 - e) Attachment C, Sample Location Map.
220. Letter to Mr. A.B.M. Houston, Ford Motor Company, from Mr. Michael Towle, U.S. EPA, re: Conditional approval of the Borehole Monitoring Program Design, 1/26/90. P. 302228-302233. A summary of the proposed borehole monitoring modifications is attached.
221. Letter to Mr. Mike Towle, U.S. EPA, from Mr. Robert Dagostaro, CH₂M Hill, re: Technical and financial portions of the Monthly Progress Report, 2/14/90. P. 302234-302252. The technical and financial information is attached.
222. Letter to Mr. Michael Towle, U.S. EPA, from Mr. Joseph R. Saliunas, Gannett Fleming Environmental Engineers, Inc., re: Tentative schedule of sampling, 2/14/90. P. 302253-302253.
223. Memorandum to Mr. Mike Towle, U.S. EPA, from Ms. Claudia P. Walters, U.S. EPA, re: Sample issues in question, 2/20/90. P. 302254-302255.
224. Letter to Mr. Michael Towle, U.S. EPA, from Mr. David R. Crownover, PADER, re: Termination of the contract for the Mine Flushing Project, (undated). P. 302256-302256.

225. Letter to Mr. James R. Grace, PADER, from Mr. Thomas Voltaggio, U.S. EPA, re: Draft cooperative agreement, (undated). P. 302257-302272. The following are attached.

- a) a draft copy of the letter;
- b) a Routing and Transmittal Slip;
- c) a Route Slip;
- d) an Interoffice Route Slip;
- e) a letter regarding pre-remedial activities, dated April 17, 1989;
- f) a letter regarding requested assistance, dated March 23, 1989;
- g) an Application for Federal Assistance;
- h) Budget Information - Non Construction Programs form;
- i) Assurances - Non Construction Programs information;
- j) a summary of prior work completed at the site.

226. Summary of the Butler Mine Tunnel Site, (undated). P. 302273-302274.

227. Letter to Ms. Cindy Rice, U.S. Fish and Wildlife Service, from Mr. Francisco Barba, U.S. EPA, re: Hydrological study, (undated). P. 302275-302275.

228. Report: Feasibility Study Report, Butler Mine Tunnel Site, United States Environmental Protection Agency, Docket No. III-87-11-DC, prepared by Gannett Fleming, Inc., 7/31/93. P. 302276-302636.

229. Proposed Remedial Action Plan for the Butler Mine Tunnel Site, Pittston, Luzerne County, Pennsylvania, 7/94. P. 302637-302654.

230. Letter to Mr. Peter Kostmayer, U.S. EPA, from Mr. Norman W. Bernstein, N.W. Bernstein & Associates, re: Supplement to comments on the proposed plan for the site, 5/5/95. P. 302655-302660. An April 25, 1995, memorandum to Butler Tunnel Technical-Legal Working Group, from Mr. David L. Sheridan, Gannett Fleming, proposing the creation of a second operable unit for the site.
231. Record of Decision, Butler Mine Tunnel, 7/15/96. P. 302661-302713.

IV. REMOVAL RESPONSE PLANNING

1. Report: Pittston Emergency Response-Report on Task I and Task II, prepared by Weston Environmental Consultants-Designers, 3/31/80. P. 400001-400106.
2. Report: Butler Emergency Response Plan, (no author cited), 11/80. P. 400107-400118.
3. Report: A Report on The Butler Water Tunnel Spill and its Possible Effects upon the Waters of the Susquehanna River, prepared by U.S. EPA, 11/6/80. P. 400119-400448.
4. Report: On-Scene Coordinator's Report, prepared by U.S. EPA, 12/80. P. 400449-401687.
5. Memorandum to Ms. Rita Lavelle, U.S. EPA, from Mr. Peter N. Bibko, U.S. EPA, re: Removal of the site from the NPL, 12/10/82. P. 401688-401694.
6. Department of Transportation, U.S. Coast Guard, Work Order Contract, 9/28/85. P. 401695-401696.
7. Memorandum to Mr. James M. Seif, U.S. EPA, from Mr. Thomas I. Massey, U.S. EPA, re: \$1,000,000 exemption request for CERCLA Immediate Removal Action at the Butler Tunnel Site, 11/4/85. P. 401697-401697.
8. Memorandum to Dr. J. Winston Porter, U.S. EPA, from Mr. James M. Seif, U.S. EPA, re: \$1,000,000 exemption requests for CERCLA Immediate Removal Action at the Butler Tunnel Site, 11/4/85. P. 401698-401704.
9. Report: Hydrogeological Evaluation of the Butler Water Tunnel Drainage System, Pittston, Pennsylvania, in Response to the September 1985 Oil Discharge, prepared by R.E. Wright Associates, Inc., 1/87. P. 401705-401884.
10. Memorandum to Mr. Tom Massey, U.S. EPA, from Mr. Martin G. Mortenson, U.S. EPA, re: Problem with the timeliness of the preparation of the hydrogeological study, 2/6/87. P. 401885-401885.
11. Report: The Pittston Story in Brief, prepared by Mr. Thomas I. Massey, (undated). P. 401886-401907.
12. Report: Federal On-Scene Coordinators' Report, Butler Mine Tunnel, Pittston, Pennsylvania, prepared by U.S. EPA, (undated). P. 401908-402465.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Pittston On-Scene Press Office Media Log of Telephone and Personal Contacts, 8/2/79. P. 500001-500013. A public meeting attendance sheet, a handwritten list of key contact phone numbers, and a list of key telephone numbers are attached.
2. U.S. EPA Press Release, re: Butler Tunnel Cleanup Project, 8/14/79. P. 500014-500014.
3. Memorandum of call to Mr. George V. Bochanski, Jr., U.S. EPA, re: Conversation with Mr. Jack Barnes of Senator Heinz's office, 10/19/79. P. 500015-500017. Conversation notes and an Environmental News press release are attached.
4. Letter to the Honorable H. John Heinz, U.S. Senate, from Mr. Jack J. Schramm, U.S. EPA, re: Reviewing federal and state clean-up efforts, 11/26/79. P. 500018-500019.
5. U.S. EPA Environmental News entitled "Plans to remove hazardous chemicals at Butler Mine in Pittston," 2/80. P. 500020-500020.
6. Press release entitled "Heinz Announces Exploratory Drilling, Expanded Federal Role for Pittston Toxic Waste Clean-Up," 2/4/80. P. 500021-500023.
7. Letter to the Honorable Jack Schramm, U.S. EPA, from Senator John Heinz, U.S. Senate, re: Visit to the Pittston mine tunnel, 2/5/80. P. 500024-200025.
8. Letter to Mr. Ray Tyson, Gazette, from Mr. George V. Bochanski, Jr., U.S. EPA, re: Photographic negatives of the site, 2/25/80. P. 500026-500040. The negatives are attached.
9. Letter to the Honorable John Heinz, U.S. Senate, from Mr. Jack J. Schramm, U.S. EPA, re: Alternative approaches under consideration as long term solution at Pittston, 3/20/80. P. 500028-500028.
10. Letter to the Honorable Brendan T. Byrne, State of New Jersey, from Mr. Donald Horowitz, Cummins, Dunn, & Pashman, re: Extradition warrant for Mr. Russell Mahler, 8/5/80. P. 500029-500033.
11. U.S. EPA Environmental News entitled "Federal and State Officials Meet at Butler Tunnel," 12/1/80. P. 500034-500034.

12. Memorandum to Mr. Bruce P. Smith, U.S. EPA, from George V. Bochanski, Jr., U.S. EPA, re: PCB storage in Wilkes-Barre, Pennsylvania, 2/12/81. P. 500035-500039. A brief history of Butler Tunnel, press statement from Representative Florio, and background information on Butler Mine Tunnel are attached.
13. Press release, re: State Supreme Court ruling, 9/27/85. P. 500040-500043.
14. U.S. EPA Environmental News entitled "Butler Mine Tunnel Sampling Results," 9/30/85. P. 500044-500044.
15. Report: Superfund: The Lessons of the Butler Tunnel, prepared by Mr. Richard C. Bird, Jr., Mr. Henry S. Cole, and Mr. Michael Podhozzer, 10/85. P. 500045-500060.
16. Press release, re: Florio Says Butler Tunnel Shows Need for National Superfund Cleanup Standard, 10/23/85. P. 500061-500061.
17. Witness list for testimony to the Subcommittee on Commerce, Transportation, and Tourism, U.S. House of Representatives, re: Butler Tunnel spill, 10/23/85. P. 500062-500077. The following are attached:
 - a) a summary of site history;
 - b) Remarks of R. Henry Bittle;
 - c) Opening Statement of the Honorable James J. Florio;
 - d) Statement of Mr. Thomas Massey;
 - e) Testimony of Mr. William N. Hedeman, Jr.
18. U.S. EPA Environmental Advisory entitled "EPA Schedules Public Meeting on the Butler Mine Study," 11/6/85. P. 500078-500078.
19. Routing and transmittal slip to Ann from Carey, re: A letter regarding listing Butler Tunnel on the NPL, 11/22/85. P. 500079-500081. The letter is attached.
20. U.S. EPA Environmental News entitled "EPA Activates the New Emergency Alarm System at the Butler Mine Tunnel," 1/23/86. P. 500082-500082.

21. Letter to Ms. Ann Cardinal, U.S. EPA, from Mrs. Margaret Dantone, re: A petition for actions at the site to meet health and safety concerns, 4/7/86. P. 500083-500242. The petition is attached.
22. Letter to the Honorable James Seif, U.S. EPA, from Mr. Nicholas DeBenedictis, PADER, re: Site activities and notification of a petition from residents, 4/30/86. P. 500243-500246. The cover letter from the petition and an excerpt from the "Handbook of Toxic and Hazardous Chemicals" are attached.
23. Letter to Mr. Larry Teller, U.S. EPA, from Congressman Paul E. Kanjorski, U.S. House of Representatives, re: Concerns about monitoring activities, 6/10/86. P. 500247-500247.
24. Letter to Mr. James Seif, U.S. EPA, from Congressman Paul E. Kanjorski, U.S. House of Representatives, re: Concerns about monitoring activities, 6/10/86. P. 500248-500248.
25. Letter to Mrs. Margaret Dantone, from Mr. James M. Seif, U.S. EPA, re: Site activities to be performed for the RI/FS, 6/12/86. P. 500249-500250.
26. Letter to the Honorable Paul E. Kanjorski, U.S. House of Representatives, from Mr. James M. Seif, U.S. EPA, re: Early warning system to detect contaminants, 7/10/86. P. 500251-500251.
27. Letter to Mr. James M. Seif, U.S. EPA, from the Honorable Paul E. Kanjorski, U.S. Congress, the Honorable Raphael J. Musto, Pennsylvania Senate, and the Honorable Thomas M. Tigue, Pennsylvania House of Representatives, re: Delay in completion of borehole testing and cleanup, 1/4/89. P. 500252-500253.
28. Transmittal slip to Mr. Kim Lonasco, U.S. EPA, from ythe Honorable Paul Kanjorski, U.S. House of Representatives, re: Butler Mine Tunnel, 1/5/89. P. 500254-500254.
29. Letter to the Honorable Thomas M. Tigue, Pennsylvania House of Representatives, from Mr. James M. Seif, U.S. EPA, re: Delay in RI/FS activities, 1/20/89. P. 500255-500256.
30. Letter to the Honorable Raphael J. Musto, U.S. Senate, from Mr. James M. Seif, U.S. EPA, re: Delay in RI/FS activities, 1/20/89. P. 500257-500258.

31. Letter to the Honorable Paul E. Kanjorski, U.S. House of Representatives, from Mr. James M. Seif, U.S. EPA, re: Delay in RI/FS activities, 1/20/89. P. 500259-500260.
32. Letter to the Honorable E. Kanjorski, U.S. House of Representatives, from Mr. Mark M. McClellan, PADER, re: Status of activities at the site, 1/30/89. P. 500261-500263.
33. Superfund Fact Sheet, re: Butler Mine Tunnel Site, Pittston, Pennsylvania, 8/89. P. 500264-500268. A chart showing the relationship between community relations activities and the Superfund process is attached.
34. Testimony of Ms. Stephanie Wychock, Pennsylvania Citizen Action, at Butler Mine Tunnel public hearing, 8/29/89. P. 500269-500270.
35. Meeting sign-in sheet, (undated). P. 500271-500272.
36. Public Meeting Transcript, Butler Mine Tunnel Site, 9/20/94. P. 500273-500338.