

# Notes

## Part One

1. Blake McKelvey, *American Urbanization: A Comparative History* (Glenview, Illinois: 1973), p. 73
2. Raymond H. Merritt, *Creativity, Conflict and Controversy: A History of the St. Paul District U.S. Army Corps of Engineers* (Washington, D.C.: 1979), pp. 67-69.

## Chapter I — Headwaters: Scalping the Indians

1. *Annual Report of the Chief of Engineers 1892* (hereafter cited as *Annual Report*), p. 1894.
2. *Annual Report 1892*, pp. 1824-28; *U.S. Statutes at Large*, vol. 21, p. 193.
3. Robert A. Janke, "The Development and Persistence of U.S. Indian Land Problems as Shown by a Detailed Study of the Chippewa Indian," (Ph.D. Dissertation, University of Minnesota, 1976), p. 284; Carrollissa Levi, *Chippewa Indians of Yesterday and Today* (New York: 1956), p. 351.
4. 46th Cong., 3d sess., S. Ex. Doc. 48, p. 14; *U.S. Statutes at Large*, vol. 21, p. 481.
5. 48th Cong., 1st sess., H. Ex. Doc. 76, "Damages to Indians," p. 9.
6. Charles E. Flandrau, "The Work of Bishop Whipple in Missions for the Indians," *Minnesota Historical Society Collections*, vol. 10, pt. 2 (Feb. 1903), pp. 691-720; 48th Cong., 1st sess., H. Ex. Doc. 76, pp. 6-8.
7. 46th Cong., 3d sess., S. Ex. Doc. 48, p. 59; 48th Cong., 1st sess., H. Ex. Doc. 76, pp. 6-8.
8. 48th Cong., 1st sess., H. Ex. Doc. 76, p. 10.
9. 48th Cong., 1st sess., H. Ex. Doc. 76, pp. 8-15.
10. 48th Cong., 1st sess., H. Ex. Doc. 76, p. 18; *Annual Report of the Commissioner of Indian Affairs 1883*, p. 154.
11. 48th Cong., 1st sess., H. Ex. Doc. 76, pp. 26, 32.
12. 48th Cong., 1st sess., H. Ex. Doc. 76, pp. 29-33.
13. 48th Cong., 1st sess., H. Ex. Doc. 76, pp. 26-33.
14. 48th Cong., 1st sess., H. Ex. Doc. 76, pp. 34-36.
15. 48th Cong., 1st sess., H. Ex. Doc. 76, p. 21.
16. 48th Cong., 1st sess., H. Ex. Doc. 180; *Annual Report of the Commissioner of Indian Affairs 1885*, p. 343.
17. *U.S. Statutes at Large*, vol. 23, p. 254; 49th Cong., 1st sess., S. Ex. Doc. 117; *U.S. Statutes at Large*, vol. 25, p. 642; 51st Cong., 1st sess., H. Ex. Doc. 247, "Chippewa Indians in Minnesota," pp. 4-5.
18. 51st Cong., 1st sess., H. Ex. Doc. 247, pp. 20-21; 54th Cong., 2d sess., *House Report No. 2984*; *Annual Report 1892*, p. 1833.

19. *Annual Report of the Commissioner of Indian Affairs 1905*, pp. 230–231.
20. Merritt, *Creativity, Conflict and Controversy*, pp. 108–114.
21. *Annual Report 1910*, pp. 633–635; *Annual Report 1907*, p. 1584.
22. *Annual Report of the Commissioner of Indian Affairs 1929*, Record Group 75, National Archives and Records Service (NARS), Roll 27; *Annual Report of the Commissioner of Indian Affairs 1916*, Record Group 75, NARS, Roll 78.
23. *Congressional Record*, 71st Cong., 3d sess., pp. 5573–74.
24. 73d Cong., 1st sess., H. Ex. Doc. 66, “Mississippi River Above Coon Rapids Dam, Minnesota,” pp. 71–72.

## Chapter II — Urban Waters: Fighting Refuse

1. William G. Rector, *Log Transportation in the Lake States Lumber Industry: 1840–1918* (Glendale, Calif.: 1953), p. 57; *Annual Report 1881*, p. 1676.
2. Merritt, *Creativity, Conflict and Controversy*, p. 138; Miscellaneous newspaper clippings related to river improvement, 1877–1894, National Archives Record Group (NARG 77), series 1643.
3. *Annual Report 1881*, p. 1679.
4. 46th Cong., 2d sess., *Congressional Record*, p. 345.
5. Miscellaneous newspaper clippings related to river improvement, 1877–1894, NARG 77, series 1643; 46th Cong., 2d sess., S. Ex. Doc. 157, pp. 1–3.
6. Merritt, *Creativity, Conflict and Controversy*, p. 138; Miscellaneous newspaper clippings related to river improvement, 1877–1894, NARG 77, series 1643.
7. *St. Paul Dispatch* (3 Mar. 1880); Miscellaneous newspaper clippings related to river improvement, 1877–1894, NARG 77, series 1643.
8. Major Alexander Mackenzie to J.W. McClung (30 Jan. 1884) in letters and reports sent, 1879–1890, NARG 77, series 1654.
9. *St. Paul Pioneer Press* (11 Oct. 1882); Miscellaneous newspaper clippings, 1877–1894, NARG 77, series 1643.
10. *Annual Report 1884*, p. 1558.
11. Roald Tweet, *A History of the Rock Island District Corps of Engineers* (Rock Island, Ill.: 1975), p. 53; *Annual Report 1889*, p. 1740.
12. *Annual Report 1891*, p. 2156.
13. Albert E. Cowdrey, “Pioneering Environmental Law: The Army Corps of Engineers and the Refuse Act,” *Pacific Historical Review*, XLVI (Aug. 1975), p. 338.
14. 54th Cong., 2d sess., H. Ex. Doc. 293, pp. 1–13; Cowdrey, “Pioneering Environmental Law,” pp. 339–342; *U.S. Statutes at Large*, XXX, pp. 1151–53.
15. Cowdrey, “Pioneering Environmental Law,” pp. 341–343.
16. *Annual Report 1903*, pp. 1513–18; 54th Cong., 2d sess., H. Ex. Doc. 293, pp. 1–13.

### Chapter III — Logging Waters: Promoting Monopoly

1. Bernhardt J. Kleven, "The Mississippi River Logging Company," *Minnesota History*, vol. 27 (Sept. 1946), p. 191; Robert Fries, *Empire in Pine: The Story of Lumbering in Wisconsin, 1830-1900* (Madison: 1951), p. 141.
2. Fries, *Empire in Pine*, p. 146; Commercial Statistics, 1885-1891, NARG 77, series 1642.
3. Kleven, "The Mississippi River Logging Company," p. 201; Ralph Hidy, Allan Nevins, and Frank Hill, *Timber and Men: The Weyerhaeuser Story* (New York: 1963), p. 88.
4. 52d Cong., 1st sess., H. Ex. Doc. 178, "Government Dams on the Mississippi River," p. 2; 52d Cong., 1st sess., H. Ex. Doc. 183, p. 6.
5. *Annual Report 1890*, p. 2031.
6. 52d Cong., 1st sess., H. Ex. Doc. 183, p. 7.
7. 52d Cong., 1st sess., H. Ex. Doc. 183, p. 8.
8. *U.S. Statutes at Large*, vol. 21, p. 282; Hidy, Nevins, and Hill, *Timber and Men*, p. 88; Fries, *Empire in Pine*, p. 154; 52d Cong., 1st sess., H. Ex. Doc. 183, pp. 7-13.
9. 52d Cong., 1st sess., H. Ex. Doc. 183, p. 8.
10. 52d Cong., 1st sess., H. Ex. Doc. 183, p. 2.
11. 52d Cong., 1st sess., H. Ex. Doc. 183, p. 3.
12. 52d Cong., 1st sess., H. Ex. Doc. 183, pp. 8-10.
13. 52d Cong., 1st sess., H. Ex. Doc. 183, p. 3.
14. *Annual Report 1890*, p. 2031; 52d Cong., 1st sess., H. Ex. Doc. 183, pp. 8-11.
15. 52d Cong., 1st sess., H. Ex. Doc. 183, pp. 11-16.
16. 51st Cong., 2d sess., *Congressional Record*, p. 2427; Fries, *Empire in Pine*, p. 157.
17. 52d Cong., 1st sess., *Congressional Record*, pp. 1703, 2192.
18. 52d Cong., 1st sess., H. Ex. Doc. 183, pp. 4, 15.
19. Kleven, "The Mississippi River Logging Company," p. 202; 52d Cong., 1st sess., H. Ex. Doc. 183, p. 17.
20. Hidy, Nevins, and Hill, *Timber and Men*, p. 88; 52d Cong., 1st sess., H. Ex. Doc. 183, p. 6.

### Chapter IV — Polluted Waters: Assisting Commerce

1. Mark Twain, *Life on the Mississippi* (New York: 1961), pp. 327-328.
2. Twain, *Life on the Mississippi*, pp. 321-322.
3. 53d Cong., 3d sess., H. Ex. Doc. 52, "Preliminary Examination of Quincy Bay, Illinois"; *Annual Report 1891*, pp. 21-32.
4. *Annual Report 1891*, p. 2133; 50th Cong., 2d sess., *Congressional Record*, p. 371.
5. *Annual Report 1891*, pp. 2125-31.
6. *Annual Report 1891*, pp. 2133-34.

7. 53d Cong., 3d sess., H. Ex. Doc. 52; *Annual Report 1898*, p. 1747.
8. *Annual Report 1899*, p. 2127; Merritt, *Creativity, Conflict and Controversy*, p. 178.
9. Robert C. Nesbit, *Wisconsin: A History* (Madison: 1973), p. 332; 53d Cong., 3d sess., H. Ex. Doc. 78, pp. 1–2, “Preliminary Examination of La Crosse Harbor, Wisconsin”; H.J. Hirshheimer, “The Passing of the Sawmills and the Growth of Manufacturers in La Crosse, 1880–1905,” *La Crosse County Historical Sketches*, series 3 (1937), p. 90.
10. Frederick Merk, *Economic History of Wisconsin During the Civil War Decade* (Madison: 1916), pp. 224–225, 309–310, 320, 354.
11. Albert Sanford and H.J. Hirshheimer, *A History of La Crosse, Wisconsin, 1841–1900* (La Crosse: 1951), p. 178; Nesbit, *Wisconsin*, p. 332; *Annual Report of the La Crosse Board of Trade 1901*, p. 34.
12. Colonel William King to Chief of Engineers William Craighill (11 Jan. 1897), NARG 77, series 1659, Press copies of letters and reports relating to harbor improvements, levees, and surveys, 1896–1897.
13. Ibid.
14. 53d Cong., 3d sess., H. Ex. Doc. 78.
15. *Annual Report of the La Crosse Board of Trade 1898*, p. 29; 53d Cong., 3d sess., p. 1007.
16. 54th Cong., 2d sess., H. Ex. Doc. 210, “Survey of La Crosse Harbor.”
17. *La Crosse Chronicle* (6 Jan. 1897).
18. 54th Cong., 2d sess., H. Ex. Doc. 210, pp. 1–4 (map); *Annual Report 1900*, p. 2714.
19. *Annual Report of the La Crosse Board of Trade 1897*, pp. 27, 34.
20. Mayor Wendell Anderson to the Rock Island Corps of Engineers Office, Letters Received, NARG 77, series 1661, vol. 4; *Annual Report of the La Crosse Board of Trade 1901*, p. 24, and 1898, p. 29; *Annual Report 1899*, p. 2171.
21. Twain, *Life on the Mississippi*, pp. 330–331.

## Chapter V — Recreational Waters: The Polluted Channel

1. Patrick Brunet, “The Corps of Engineers and Navigation Improvement on the Channel of the Upper Mississippi River to 1939,” (M.A. thesis, University of Texas at Austin, 1977). This thesis has a fine descriptive section on the creation of the wildlife refuge, pp. 145–160.
2. Brunet, “The Corps of Engineers and Navigation Improvement,” pp. 146–147.
3. William T. Hornaday, *Thirty Years War for Wild Life* (Stamford, Conn.: 1931).
4. 68th Cong., 1st sess., *Congressional Record*, “Upper Mississippi River Wildlife and Fish Refuge,” pp. 1415–16; 68th Cong., 1st sess., *House Report 747*, p. 5; 68th Cong., 1st sess., *Congressional Record*, p. 10977.

5. 68th Cong., 1st sess., *Congressional Record*, p. 10244; *U.S. Statutes at Large*, vol. 43, p. 650; Ira Gabrielson, *Wildlife Refuges* (New York: 1943), p. 14.

6. Brunet, "The Corps of Engineers and Navigation Improvement," pp. 160-163.

7. 69th Cong., 2d sess., H. Ex. Doc. 632, "Stream Pollution in the United States," p. 7; 76th Cong., 1st sess., H. Ex. Doc. 155, "Water Pollution in the United States," p. 84.

8. 68th Cong., 1st sess., *Congressional Record*, p. 5162; 67th Cong., 2d sess., *Congressional Record*, p. 10244; *U.S. Statutes at Large*, vol. 43, p. 605; 68th Cong., 2d sess., *Congressional Record*, p. 3884.

9. Circular No. 9, Rock Island Files, NARG 77, series 1671, Publication Files, 1913-1940; Merritt, *Creativity, Conflict and Controversy*, p. 180.

10. 69th Cong., 1st sess., H. Ex. Doc. 417, "Pollution Affecting Navigation or Commerce on Navigable Waters," p. 18.

11. *Ibid.*, p. 9

12. *Ibid.*, p. 24.

13. *Ibid.*, pp. 9-10.

14. *Ibid.*, pp. 23-28.

15. H.R. Crohurst, "A Study of the Pollution and Natural Purification of the Upper Mississippi River," *Public Health Service Bulletin*, no. 203, p. xi.

16. *Ibid.*, p. xii.

17. F.L. Woodward, "Pollution Studies on the Upper Mississippi River," *Industrial and Engineering Chemistry*, vol. 22 (Feb. 1930), p. 189; Crohurst, "A Study of Pollution and Natural Purification," p. 31.

18. 69th Cong., 2d sess., H. Ex. Doc. 583, p. 46.

19. Woodward, "Pollution Studies," p. 189; 69th Cong., 2d sess., H. Ex. Doc. 583, p. 46.

20. Woodward, "Pollution Studies," pp. 189-192.

21. *Ibid.*, p. 192.

## Chapter VI — Commercial Waters: The Nine-Foot Channel

1. 75th Cong., 1st sess., *Congressional Record*, Appendix, p. 2155; 71st Cong., 2d sess., *Congressional Record*, p. 7778.

2. Herbert Clark Hoover, "The Waterways Outlet from the Middle West," (9 Mar. 1926), Herbert Hoover Papers, West Branch, Iowa.

3. 75th Cong., 1st sess., *Congressional Record*, Appendix, p. 2155; *Annual Report 1927*, p. 1084.

4. 72d Cong., 1st sess., H. Doc. 137, "Survey of Mississippi River Between Missouri River and Minneapolis," p. 20; Merritt, *Creativity, Conflict and Controversy*, p. 196.

5. Merritt, *Creativity, Conflict and Controversy*, pp. 195-197.

6. 75th Cong., 1st sess., *Congressional Record*, Appendix, p. 2155; 70th Cong., 2d sess., *Congressional Record*, p. 4817.

7. 71st Cong., 2d sess., H. Doc. 290, "Mississippi River Between Mouth of Missouri River and Minneapolis, Minn.," p. 3; 71st Cong., 2d sess., *Congressional Record*, p. 6529.
8. 72d Cong., 1st sess., H. Doc. 137, pp. 23, 102; *Annual Report 1930*, p. 1191.
9. 72d Cong., 1st sess., H. Doc. 137, pp. 55-63.
10. 72d Cong., 1st sess., H. Doc. 137, pp. 64-65; see also Robert E. Coker, "Studies of Common Fishes of the Mississippi River at Keokuk," *U.S. Bureau of Fisheries Bulletin* 45 (31 Mar. 1930).
11. Arthur S. Pearse, "Fishing on the Mississippi," *Scientific Monthly* 14 (Feb. 1922), pp. 195, 200.
12. 72d Cong., 1st sess., H. Doc. 137, p. 104; Tweet, *A History of the Rock Island District*, p. 103; Nine-Foot Channel Project, Lock and Dam No. 4, NARG 77, series 395860; 74th Cong., 1st sess., *Congressional Record*, p. 5279.
13. Brunet, "The Corps of Engineers and Navigation Improvement," pp. 125-126.
14. Ira Gabrielson, "Floods and Wildlife," *Scientific American*, vol. 156 (Feb. 1937), pp. 100-102; Gabrielson, *Wildlife Refuges*, p. 193.
15. Brunet, "The Corps of Engineers and Navigation Improvement," pp. 162-164.
16. See "Maintenance of Water Level in Upper Mississippi River for Wildlife Conservation Purposes," Hearings before the Senate Interstate and Foreign Commerce Committee in H.D. 2721 (27 Apr. 1948), 80th Cong., 2d sess., pp. 12-13; Kent D. Keenlyne, ed., *Upper Mississippi River Conservation Committee Investigation Reports* (Rock Island: Upper Mississippi River Conservation Committee, 1974); Remarks of Representative William H. Stevenson (18 Feb. 1946), *Congressional Record*, 79th Cong., 2d sess., "Promoting Conservation of Fish and Wildlife Resources of the Upper Mississippi River," House Report #504, 80th Cong., 1st sess. (1947).
17. Tweet, *A History of the Rock Island District*, p. 110; Miscellaneous correspondence, Lock and Dam No. 9, NARG 77, series 395933.
18. Miscellaneous correspondence, Lock and Dam No. 9, NARG 77, series 395933.
19. North Central Division, Engineering Studies of the Upper Mississippi Valley, 1930-1942, NARG 77, series 395545.
20. *Ibid.*
21. *Ibid.*
22. *Ibid.*
23. *Ibid.*
24. *Annual Report 1937*, p. 917; 76th Cong., 1st sess., H. Doc. 137, p. 12; Claims and Damages, Lock and Dam No. 8, NARG 77, series 395847.
25. North Central Division Engineering Studies of the Upper Mississippi Valley, 1930-1942, NARG 77, series 395545.

## Chapter VII — Deeper Waters: The Twelve-Foot Channel

1. "Stream Channelization—Part 1," Hearings before a Subcommittee of the Committee on Government Public Works (1971), p. 94.
2. *Minneapolis Tribune* (22 May 1969); "Twelve-foot Channel Study, Phase I Report," (May 1973), p. 26, in St. Paul District, Mississippi River Twelve-foot Channel Project Files.
3. "Stream Channelization—Part 1," p. 95.
4. *National Observer* (28 Dec. 1970).
5. *Ibid.*
6. *Minneapolis Tribune* (26 Feb. 1971).
7. "Stream Channelization—Part 1," p. 106; *Minneapolis Tribune* (26 Feb. 1971).
8. *Minneapolis Star* (11 Apr. 1972); *Viroqua Broadcaster-Censor* (28 Aug. 1972); "Stream Channelization—Part 1," p. 94; *Winona Daily News* (28 Sept. 1972).
9. Upper Mississippi River Basin Coordinating Committee, *Upper Mississippi River Comprehensive Basin Study* (1972), p. 27; app. J, pp. iv, 27, 96–99, 103.
10. "Twelve-foot Channel Study, Phase I Report," pp. 19, 36, 45; North Central Division, "Water Resources Development," Wisconsin volume (Jan. 1981), p. 60.
11. Corps of Engineers and Environmental Protection Agency, "Dredging America's Waterways and Harbors," (June 1977), p. 5; Maj. Gen. J.W. Morris, "Our Troubled Waters," *Water Spectrum*, vol. 6, no. 4 (Winter 1974–1975), p. 3.
12. "Dredging America's Waterways," p. 10; *Owatonna People's Press* (16 Aug. 1973); Upper Mississippi River Conservation Commission, "The 1969 Upper Mississippi River Dredge Spoil Survey," (1970), pp. 1–2.
13. "Dredging America's Waterways," pp. 11, 43.
14. *Minneapolis Tribune* (17 Nov. 1973); *Winona Daily News* (6 Feb. 1974); "Dredging America's Waterways," p. 43.
15. "Dredging America's Waterways," p. 43.
16. American Society of Civil Engineers, "Proceedings of the Special Conference of Dredging and its Environmental Effects," Mobile, Alabama (Jan. 1976), p. 358; "Dredging America's Waterways," pp. 43–44.
17. "Energy and Work Development Appropriations for 1980," Hearings before a Subcommittee on Appropriations (1979), p. 1856; "Dredging America's Waterways," p. 11.
18. *Ibid.*
19. Roger T. Saucier, "Dredged Material—Waste Product or Resource?" *Water Spectrum*, vol. 10, no. 4 (Fall 1978), p. 11; *Minneapolis Tribune* (14 Feb. 1974).
20. "Proceedings of the Specialty Conference," p. 358; "Dredging America's Waterways," p. 23.
21. Public Notice (1 Mar. 1980), Mississippi River Nine-Foot Channel Proj-

ect File, St. Paul District Files; Draft copy, Letter of Maj. Gen. Richard J. Harris to Anthony Earl (29 Aug. 1979), Mississippi River Dredging Project File, St. Paul District Files.

22. See, for example, Kathy Sawyer, "Army Engineers Shift Gears, Go With the Flow Instead of Damming It Up," *Washington Post* (31 July 1981), p. A3.

## **Chapter VIII — Runaway Waters: The Flooded Channel**

1. *Annual Report 1963*, p. 1151.

2. "St. Paul Flood Control Project—Reevaluation Study," (1977), St. Paul District Flood Control Files; Draft Report, "Preliminary Feasibility Report, Mississippi River at St. Paul, Minnesota, Reevaluation of St. Paul Flood Control Project," (Sept. 1978), p. 23 in St. Paul District Flood Control Project Files.

3. Draft Report, "Preliminary Feasibility Report," p. 22.

4. Draft Report, "Preliminary Feasibility Report," p. 24; "St. Paul Flood Control Project—Reevaluation Study," pp. i-2; North Central Division, "Water Resources Development," Minnesota volume (Jan. 1979), p. 47.

5. Draft Report, "Preliminary Feasibility Report, Mississippi River at St. Paul, Minnesota," (Aug. 1978), p. 46 in St. Paul District Flood Control Project Files; "Biological Assessment, Reevaluation of St. Paul Flood Control Project," (no date), St. Paul District Flood Control Project Files.

6. J. Robert Calton, "Report on La Farge Lake Project, Kickapoo River, Wisconsin," St. Paul District Kickapoo River Project Files; "Kickapoo River, Wisconsin, Flood Control Project, Dam and Reservoir," (Nov. 1966), St. Paul District Flood Control Files.

7. *Milwaukee Journal* (27 Oct. 1974); Calton, "Report on La Farge Lake Project," p. 1.

8. Gov. Patrick J. Lucey to Ernest Graves, Jr. (20 May 1971), La Farge Lake Project Files, St. Paul District; *Wisconsin State Journal* (27 Oct. 1974); *Madison Capital Times* (26 May 1971).

9. "Environmental Analysis of the Kickapoo River Impoundment: A Report to the U.S. Army Corps of Engineers," University of Wisconsin, Institute of Environmental Studies (Nov. 1974) in La Farge Lake Project Files, St. Paul District.

10. *Milwaukee Sentinel* (29 July 1975); *Milwaukee Journal* (6 July 1975); *La Farge Epitaph* (7 May 1975).

11. *Milwaukee Sentinel* (29 July 1975).

12. *Madison Capital Times* (30 July 1975).

13. *Milwaukee Journal* (7 Sept. 1975); *St. Paul Dispatch* (9 Jan. 1976); *Madison Capital Times* (9 Sept. 1975).

14. *Madison Capital Times* (22 Oct. 1976); *La Crosse Tribune* (19 Nov. 1976); Gov. Patrick J. Lucey to Col. Forrest T. Gay III (28 Jan. 1977), La Farge Lake Project Files in St. Paul District; "Task Force on Flood Damage in the Kickapoo River Valley, Wisconsin," (Oct. 1978, Memorandum), p. 3 in La Farge Lake Project Files.

15. *La Farge Epitaph* (29 May 1979); *La Crosse Tribune* (9 Feb. 1979).
16. *La Farge Epitaph* (25 June 1980); *La Crosse Tribune* (27 Mar. 1980 and 8 Oct. 1980).
17. *Madison Capital Times* (22 Oct. 1980 and 21 Dec. 1974); Interview with Mr. James Braatz, St. Paul District Chief of Public Affairs, 9 Jan. 1981.
18. Laufenberg Research and Development Institute, Inc., "A Relocation of Flood Plain Properties Implementation Program for the Village of Soldiers Grove, Wisconsin," (Nov. 1976), p. 12 in Soldiers Grove Project Files, St. Paul District.
19. *La Crosse Tribune* (17 Apr. 1977); *Madison Capital Times* (4 Feb. 1975); *Chicago Sun Times* (5 Oct. 1980); Janesville, Wisc., *Gazette* (22 July 1980).
20. "Flood Damage Reduction, Mississippi River at Prairie du Chien, Wisconsin," Design Memorandum No. 1, p. 90, Prairie du Chien Project Files, St. Paul District; "Mississippi River at Prairie du Chien, Wisconsin," Design Memorandum No. 2, p. 7, Prairie du Chien Project Files, St. Paul District; *Chicago Tribune* (27 Apr. 1973).
21. Design Memorandum No. 1, p. 94; Design Memorandum No. 2, pp. 14-16; Public hearings before a Subcommittee of the House Appropriations Committee (1979), p. 1587, Prairie du Chien Project Files, St. Paul District.
22. Design Memorandum No. 2, p. 16; "Water Resources Development, 1973," Hearings before a Subcommittee on Water Resources of the Public Works Committee, p. 76, Prairie du Chien Project Files, St. Paul District.
23. Design Memorandum No. 2, pp. 1, 4; "City of Prairie du Chien Narrative Statement, Multi-year Comprehensive Preliminary Application, Community Development Block Grant Program," Revised Report (Jan. 1980), Prairie du Chien Project Files, St. Paul District.
24. *Wisconsin State Journal* (18 Mar. 1980); "Flood Damage Reduction, Mississippi River at Prairie du Chien, Wisconsin," (Oct. 1979), Design Memorandum No. 3, p. 9, Prairie du Chien Project Files, St. Paul District.
25. *Wisconsin State Journal* (18 Mar. 1980); *Prairie du Chien Courier-Press* (11 Apr. 1977); Design Memorandum No. 2, pp. 7, 14.
26. Design Memorandum No. 2, p. 5; "U.S. Army Corps of Engineers Public Meeting Concerning Flood Control," (6 Dec. 1976), Prairie du Chien Project Files, St. Paul District.
27. Design Memorandum No. 3, p. 9; Senate Public Works hearings before a House Committee on Appropriations (1979), pp. 1414, 1420; Public hearings before a Subcommittee of the House Appropriations Committee (1979), in Prairie du Chien Project Files, St. Paul District.

## **Chapter IX — Wild and Scenic Waters: The Free-Flowing Channel**

1. 89th Cong., 1st sess., *Congressional Record*, pp. 11329, 23044.
2. *Annual Report 1967*, p. 1079; North Central Division, Corps of Engineers, "Water Resources Development," Wisconsin (Jan. 1979), p. 46.

3. J.R. Calton, "Water Resources Development in the St. Croix River Basin," (30 Mar. 1968), talk given to St. Croix Valley Chamber of Commerce, St. Croix River Project Files, St. Paul District.
4. 89th Cong. 1st sess., *Congressional Record*, pp. 1556, 1329; Senate Committee on Interior and Insular Affairs, "Wild Rivers System—St. Croix Waterway," (1965), p. 219 in St. Croix River Project Files, St. Paul District.
5. St. Croix *Standard Press* (9 Feb. 1966); Calton, "Water Resources Development in the St. Croix River Basin."
6. St. Paul District Corps of Engineers, "Water Resources Planning in the St. Croix River Basin," (16 Feb. 1967), St. Croix River Project Files, St. Paul District.
7. St. Croix *Standard Press* (9 Feb. 1966).
8. St. Paul *Pioneer Press* (12 Mar. 1967); Engineer Day Program information (16 June 1968), St. Croix River Project Files, St. Paul District.
9. St. Paul District Corps of Engineers, "Water Resources Planning in the St. Croix River Basin."
10. Letter from Department of Army to Wayne Aspinall (11 Aug. 1967), St. Croix River Project Files, St. Paul District; Letter from Warren P. Knowles to Richard Hesse (3 June 1968) in same file.
11. Minneapolis *Tribune* (1 Mar. 1968); St. Paul *Pioneer Press* (17 Mar. 1968); Red Wing *Daily Republican* (22 July 1967).
12. Minneapolis *Star* (4 Mar. 1968); Minneapolis *Tribune* (7 Mar. 1968); Engineer Program information.
13. St. Paul *Pioneer Press* (17 Mar. 1968); 91st Cong., 2d sess., *Congressional Record*, p. 7821.
14. St. Paul *Pioneer Press* (17 Mar. 1968).
15. St. Croix *Standard Press* (20 Mar. 1968); Minneapolis *Tribune* (17 Mar. 1968); St. Paul *Pioneer Press* (12 Mar. 1967).
16. Winona *Daily News* (12 Mar. 1968); Calton, "Water Resources Development in the St. Croix River Basin."
17. Calton, "Water Resources Development in the St. Croix River Basin."
18. Minneapolis *Star* (29 Apr. 1968); Letter of William Cassidy to North Central Division Engineer (11 Apr. 1968), St. Croix River Project Files, St. Paul District.
19. St. Paul *Dispatch* (15 Apr. 1968); Letter of Richard Hesse to Clean Air-Clean Water Unlimited (3 July 1968), St. Croix River Project Files, St. Paul District; Letter of Fred E. Anderson, Jr., to Mr. Norman Smith (18 June 1968) in same file.
20. North Branch *Review* (24 Apr. 1968); Minneapolis *Tribune* (17 Apr. 1968); Letter of Warren P. Knowles to Richard J. Hesse (3 June 1968) in St. Croix River Project Files, St. Paul District; Winona *Daily News* (19 June 1968); 90th Cong., 2d sess., *Congressional Record*, pp. 21461, 26592.
21. Minneapolis *Star* (6 June 1968); *Statutes at Large*, vol. 82, pp. 906-911.

## Chapter X — Intergovernmental Waters: The Great River Idea

1. George Griebenow, "A Team Called Great," *Water Spectrum*, vol. 9, no. 1 (Winter 1976-1977), pp. 19-21; Senate hearings before a Public Works Committee (1976), p. 7565 in GREAT Project Files, St. Paul District.
2. William R. Pearson and Dennis E. Cin, "The Great River Study—A New Perspective in River Management," in GREAT Project Files, St. Paul District.
3. Griebenow, "A Team Called Great," pp. 18-23; *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. II-1.
4. *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. II-1.
5. Pearson and Cin, "The Great River Study," p. 2; Senate hearings before a Public Works Committee (1976), p. 7567 in GREAT Project Files, St. Paul District.
6. Pearson and Cin, "The Great River Study," p. 3.
7. *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. II-2; Pearson and Cin, "The Great River Study," pp. 3-5.
8. *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1., pp. II-1 to II-4.
9. Griebenow, "A Team Called Great," p. 20; *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, pp. II-4, V-1.
10. *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. II-6.
11. Griebenow, "A Team Called Great," p. 23; *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. V-4.
12. Interview with Dick Fleischman, co-chairman of GREAT II (17 Feb. 1981); Griebenow, "A Team Called Great," p. 25; *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. VI-3 and ex. 1, p. 13.
13. *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. VI-1 and ex. 1, p. 9; Interview with Dick Fleischman, co-chairman of GREAT II (17 Feb. 1968); "St. Paul District Determination and Findings Regarding Maintenance Dredging of Upper Mississippi River Nine-foot Channel, 1980 Navigation Season," (12 May 1980) in Mississippi River—Nine-Foot Channel Project Files, St. Paul District.
14. *A Study of the Upper Mississippi River*, GREAT I (1980), vol. 1, p. VIII-2; Interview with Dick Fleischman (17 Feb. 1981).
15. Hearings before a Subcommittee of the House Committee on Appropriations, "Supplemental Appropriations," (1979), p. 465 in GREAT Project Files, St. Paul District.