

14.0 List of Preparers

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Experience: 16 years environmental impact assessment and impact analysis, St. Louis and Philadelphia Districts; 6 years processing permits for work in waters and wetlands, Philadelphia District.

SEIS Role: Overall preparation of the document, environmental impact analysis, and coordination of project with natural resource agencies.

Anthony J. DePasquale, PE - Civil Engineer

Experience: 11 years geotechnical design and investigations, Philadelphia District.

SEIS Role: Preparation of groundwater, HTRW, disposal areas' design and operation.

Jeffrey A. Gebert - Oceanographer

Experience: 17 years with the Wilmington, NC and Philadelphia Districts; coastal engineering and estuarine hydraulics investigations.

SEIS Role: District coordinator with the Waterways Experiment Station on salinity modeling and with the Coastal Engineering Research Center and Offshore and Coastal Technology, Inc. on Delaware Bay dredged material disposal alternatives.

Robert Griggs - Civil Engineer

Experience: 11 years with Philadelphia District; 5 years with Design Branch.

SEIS Role: Coordinated and directed surveying and mapping of upland dredged material disposal areas, beneficial use areas, and all other required project need areas. Performed quantity computations.

Stan Lulewicz, PE - Civil Engineer

Experience: 23 years with Philadelphia District. Project manager for complex civil works projects.

SEIS Role: Overall project management.

Arlene Manqual - Secretary

Experience: 6 years EIS preparation experience.

SEIS Role: Word processing and editing.

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SEIS Role: Document preparation and technical review.

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SEIS Role: Preparation of all maps.

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Experience: 17 years water resource economic analysis,
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SEIS Role: Technical review of the economic aspects of the
project.

Michael Swanda - Archaeologist

Experience: 25 years cultural resource management. 4 years
Environmental Resources Branch, Philadelphia District.

SEIS Role: District coordinator for the State Historic
Preservation Office (SHPO), Section 106 review.

15.0 Public Involvement

Preparation of this Supplemental Environmental Impact Statement has included numerous coordination/scoping meetings with appropriate Federal and State resource agencies. Table 15-1 is a partial listing of the coordination that has taken place during the PED study. Other coordination included numerous telephone conversations. Table 15-2 is a list of agencies and individuals that are receiving copy (s) of this document. In addition, a public notice has been mailed to everyone who is on the project mailing list notifying them of the document's availability.

Table 15-1. Delaware River Main Channel Deepening Project
Planning, Engineering and Design Study
Coordination With Resource Agencies

26 September 1994	Field trip to Egg Island Point and Kelly island wetland restoration sites with Federal and State Resource agencies.
19 October 1994	Helicopter reconnaissance trip of the study area with Federal and State Resource agencies
01 November 1994	Site visit to Kelly Island with DDNREC and FWS.
21 November 1994	Meeting with NJDEP to discuss impacts to wetlands/wildlife habitat on upland dredged material disposal sites and Egg Island Point wetland restoration.
14 December 1994	Briefing of FWS on the environmental studies being done during this phase.
10 January 1995	Site visit to Egg Island Point and Kelly Island with Federal and State Resource agencies to coordinate plans.
19 January 1995	Meeting with NJDEP Bureau of Shellfisheries to coordinate plans for Egg Island Point and their concerns of possible impacts to oysters.
13 February 1995	Site visit to Egg Island, Kelly Island, and possible beach nourishment sites with FWS and DDNREC.
06 March 1995	Site visit to proposed confined dredged material disposal areas with FWS and EPA.
09 March 1995	Briefing of EPA on the environmental studies being done during this phase.
28 March 1995	Site visit to Raccoon Island with the NJDEP to discuss wetland delineations of the proposed confined dredged material disposal areas.
12 April 1995	Site visit with the NJDEP, FWS, and EPA to discuss management of confined dredged material disposal areas in New Jersey.

21 April 1995	Workshop with State and Federal Resource agencies to coordinated plans for beneficial use sites.
05 May 1995	Meeting at Bombay Hook National Wildlife Refuge to coordinate plan for Kelly Island wetland restoration.
27 June 1995	Workshop with State and Federal Resource agencies, and interested public to present results of 3-D Salinity Model runs.
10 August 1995	Meeting with NJDEP, DDNREC, and FWS to coordinate plans for Egg Island Point wetland restoration and to discuss the sediment transport and oyster impact models.
11 August 1995	Meeting at Bombay Hook National Wildlife Refuge with FWS and DDNREC to coordinate plan for Kelly Island wetland restoration and to discuss the sediment transport and oyster impact models.
22 August 1995	Site visit to Egg Island Point, King Pond and Straight Creek with NJDEP to determine that the wetland restoration on the east side of Egg Island Point will not adversely impact the mud flats at King Pond.
21 September 1995	Meeting with NJDEP to present a proposed environmental management plan for the new confined dredged material disposal areas.
27 September 1995	Meeting with the Coastal Zone Management personnel from Delaware, New Jersey, and Pennsylvania to discuss environmental studies, including beneficial use sites.
3 November 1995	Meeting with DDNREC to discuss the design of Kelly Island Wetland Restoration site.
17 April 1996	Meeting with DDNREC and Bombay Hook National Wildlife Refuge staffs to discuss the design of Kelly Island Wetland Restoration site.
30 April 1996	Meeting with NJDEP and the Delaware River Port Authority to discuss the upland dredged material disposal sites.
1 May 1996	Meeting with DDNREC to discuss additional testing for PCBs.
11 September 1996	Meeting with the NJDEP and FWS to discuss the upland dredged material disposal sites.

13 November 1996 Meeting with NJDEP, Coastal Zone Management (CZM) staff, to discuss coordination of the CZM process.

22 January 1997 Meeting with DDNREC to revise the design of Kelly Island Wetland Restoration site.

26 June 1997 Meeting with the NJDEP to discuss issues relating to obtaining the CZM consistency certification.

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16.0 Literature Cited

- Albert, R.C. 1988. The historical context of water quality management for the Delaware estuary. Estuaries 11: 99-107.
- Allen, K.O and J.W. Hardy. 1980. Impacts of Navigational Dredging on Fish and Wildlife: A Literature Review. U.S. Fish and Wildlife Service, Biological Services Program. FWS/OBS-80/07. 81pp.
- Arthur D. Little 1994. Distribution of chemical contaminants and acute toxicity in Delaware estuary sediments. Prepared for U.S. EPA and Delaware River Basin Commission, by Arthur D. Little, Inc. Acron Park, Cambridge, Massachusetts.
- Blama, R. N., S. D. Garbarino, J. Gill, and M. C. Landin. 1995. Shoreline Stabilization and Wetland Restoration at Barren Island and Historic Smith Island, Chesapeake Bay, Maryland: Innovative Geotextile Tube Technology. pp. 385-388 IN Proc. National Interagency Wetlands Workshop. New Orleans, LA.
- Boesch, D.F. 1973. Classification and community structure of macrobenthos in the Hampton Roads area, Virginia. Mar. Biol. 21:226-244.
- Boesch, D.F. 1977. A new look at the zonation of benthos along the estuarine gradient. pp. 245-266. In: Coull, B.C., ed. Ecology of marine benthos. Columbia, SC: University of South Carolina Press.
- Boesch, D.F. and R. Rosenberg. 1981. Response to stress in marine benthic communities. pp. 179-200. In: G.W. Barret and R. Rosenberg, eds. Stress effects on natural ecosystems. New York: John Wiley & Sons.
- Boggs, F.C. 1929. The Delaware River from Philadelphia to the Sea. Transactions of the American Society of Civil Engineers. 93:218-261.
- Brauning, Daniel W. Personal Communication. Pennsylvania Game Commission. March 2, 1995.
- Brundage, H.M. 1982. Assessment of the impacts of the proposed Point Pleasant pumping station and intake on the shortnose sturgeon Acipenser brevirostrum. For Neshaminy Water Resources Authority, Bucks County, PA. January 1982. 120 pp.
- Brundage, H.M. 1984. Radio tracking studies of shortnose sturgeon in the Delaware River for the Merrill Creek reservoir project. Progress Report - March to August 1983. Prepared for Merrill Creek Owners Group. June 1984. 28 pp.
- Burton, W.H. 1994. Assessment of the Effects of Construction of a Natural Gas Pipeline on American Shad and Smallmouth Bass Juveniles in the Delaware River. Prepared by Versar, Inc. for

Transcontinental Gas Pipe Line Corporation.

Burton, W.H. and S.B. Weisberg. 1992. Effects of hydraulic dredging in the Delaware River estuary on striped bass ichthyoplankton. Prepared for Delaware Basin Fish and Wildlife Management Cooperative by Versar, Inc.

Burton, W.H., S.B. Weisberg, and P. Jacobson. 1994. Potential entrainment of striped bass ichthyoplankton during maintenance hydraulic dredging in the Delaware River. Prepared for Delaware Basin Fish and Wildlife Management Cooperative by Versar, Inc.

Bustard, H.R. 1972. Sea Turtles. Natural History and Conservation. Taplinger Publishing Company, NY, 220 pp.

Carr, A. 1986. New Perspectives on the Pelagic Stage of Sea Turtle Development, U.S. Dept. Comm. NOAA, NMFS, NOAA Technical Mem. NMFS-SEFC-190, 36 pp.

Carr, A. 1952. Handbook of Turtles. Comstock Publishing Associates, Cornell University Press, Ithaca, NY.

Chaillou, J.C. and S.B. Weisberg. 1995. Delaware River Main Channel Deepening Project: Evaluation of Benthic Macroinfaunal Resources at 12 Candidate Beneficial Use Sites. October 1995. Prepared for U.S. Army Corps of Engineers, Environmental Resources Branch, Philadelphia, PA. Prepared by Versar, Inc., Columbia, MD.

Clark, K. E. Personal Communication. New Jersey Department of Environmental Protection. June 8, 1995.

Clark, K. E. Personal Communication. New Jersey Department of Environmental Protection. March 7, 1995.

Clark, K. E., Stiles, E. and L. J. Niles. 1994. New Jersey Bald Eagle Management Project, 1994. New Jersey Department of Environmental Protection, Division of Fish, Game and Wildlife. October, 1994.

Cline, Keith. 1990. Bald Eagles in the Chesapeake: A Management Guide for Landowners. National Wildlife Federation, Washington D.C.

Council on Environmental Quality (CEQ). 1993. Incorporating biodiversity considerations into environmental impact analysis under the National Environmental Policy Act. Executive Office of the President, Washington, DC. 29 pp.

Cox, J. Lee, Jr. 1995. Submerged Cultural Resources Investigations, Delaware River Main Channel Deepening Project, Delaware, New Jersey and Pennsylvania. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Cox, J. Lee, Jr. 1988. Submerged Cultural Resources Investigations, Delaware River Main Navigational Channel, Philadelphia, PA to Artificial Island, NJ. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Cox, J. Lee, Jr. 1986. Sensitivity Level Investigation of Cultural Resources in the Vicinity of the Main Navigational Channel, Delaware River, Wilmington to the Sea, and a Proposed Deepwater Port. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Cox, J. Lee, Jr. 1984. A Preliminary Survey to Analyze the Potential Presence of Submerged Cultural Resources in the Delaware and Susquehanna Rivers. Pennsylvania Historical and Museum Commission, Harrisburg.

Cox, J. Lee, Jr. and Richard W. Hunter. 1995. Submerged and Shoreline Cultural Resources Investigations, Disposal Areas and Selected Target Locations, Delaware River Main Channel Deepening Project, Delaware, New Jersey & Pennsylvania (Draft). Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Cox, J. Lee, Jr. and Richard W. Hunter. 1995a. Supplementary Submerged and Shoreline Cultural Resources Investigations, Disposal and Shoreline Areas, Delaware River Main Channel Deepening Project, Delaware, New Jersey & Pennsylvania (Draft Executive Summary). Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Custer, Jay. Delaware Prehistoric Archaeology: An Ecological Approach. University of Delaware Press, Newark.

Dadswell, M.J., B.D. Taubert, T.S. Squiers, D. Marchette, and J. Buckley. 1984. Synopsis of biological data on the shortnose sturgeon (Acipenser brevirostrum) (LeSueur, 1818). NOAA Technical Report, NMFS 14, National Marine Fisheries Service. October 1984. 45 pp.

Dadswell, M.J. 1979. Biology and population characteristics of the shortnose sturgeon Acipenser brevirostrum LeSueur 1818 (Osteichthyes: Acipenseridae) in the Saint John River estuary, New Brunswick, Canada. Can. J. Zool. 11:2186-2210.

Dames and Moore, Inc. 1994 (a). Environmental Assessment for Raccoon Island Dredged Material Disposal Area, Gloucester County, New Jersey. Prepared for the U.S. Army Engineer District, Philadelphia under Contract DACW61-93-D-001, Delivery Order No. 0005.

Dames and Moore, Inc. 1994 (b). Environmental Assessment for Site 15G Dredged Material Disposal Area, Salem County, New Jersey. Prepared for the U.S. Army Engineer District, Philadelphia under Contract DACW61-93-D-001, Delivery Order No. 0005.

Dames and Moore, Inc. 1994 (c). Environmental Assessment for Site 17G Dredged Material Disposal Area, Gloucester County, New Jersey. Prepared for the U.S. Army Engineer District, Philadelphia under Contract DACW61-93-D-001, Delivery Order No. 0005.

Dames and Moore, Inc. 1994 (d). Environmental Assessment for Site 15D Dredged Material Disposal Area, Gloucester County, New Jersey. Prepared for the U.S. Army Engineer District, Philadelphia under Contract DACW61-93-D-001, Delivery Order No. 0005.

Dauer, D.M. 1991. Long-term trends in the benthos of the lower Chesapeake Bay. In: J.A. Mihursky and A. Chamney, eds. New perspectives in the Chesapeake System: a research and management partnership, 527-536. Solomons, MD: Chesapeake Research Consortium.

Dauer, D.M. 1993. Biological criteria, environmental health and estuarine macrobenthic community structure. Mar. Pollut. Bull. 26(5):249-257.

Dauer, D.M., A.J. Rodi, Jr., and J.A. Ranasinghe. 1992. Effects of low dissolved oxygen events on the macrobenthos of the lower Chesapeake Bay. Estuaries 15:384-391.

Davis, J. E., J. Irish, and M. C. Landin. 1995. Proceedings of the Corps of Engineers Geotextile Tube Workshop, Galveston, TX. WRP Draft Report. US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Day, Clifford G. 1992. Letter dated February 10, 1992. FWS. Pleasantville, NJ.

Delaware River Basin Commission (DRBC). 1989. Investigation to determine the effects on the salinity of the Delaware estuary from the 5-foot deepening of the navigation channel from the capes to the Walt Whitman Bridge. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Dillon, Lieutenant Douglas. Personal Communication. U.S. Coast Guard. Port of Philadelphia. June 6, 1995.

DiLorenzo, J. L., P. Huang, M. L. Thatcher, and T. O. Najarian. 1993. Effects of Historic Dredging Activities and Water Diversions on the Tidal Regime and Salinity Distribution of the Delaware Estuary. USEPA Delaware Estuary Program Report, Preliminary Characterization and Research Topics, 123 pp.

Dovel, W.L. 1978. Sturgeons of the Hudson River, New York. Final performance report for N.Y. Dept. Environ. Conserv. 181 pp.

Durfor, C. N., and W.B. Keighton. 1954. Chemical Characteristics of Delaware River Water: Trenton, New Jersey to Marcus Hook, Pennsylvania. US Geological Survey Water Supply Paper 1262.

Dunning, D.J., Q.E. Ross, P. Geohegan, J.J. Reichle, J.K. Menezes, and J.K. Watson. 1992. Alewives avoid high frequency sound. N. Am. J. Fish. Mgmt. 12:407-416.

EPA. 1987. Processes, coefficients, and models for simulating toxic organics and heavy metals in surface waters.

FDA. 1982a. Compliance Program Report of Findings, FY79 Total Diet Studies - Adult. U.S. Department of Health, Education, and Welfare; Food and Drug Administration.

FDA. 1982b. Compliance Program Report of Findings, FY79 Pesticides and Metals in Fish Program. U.S. Department of Health, Education and Welfare; Food and Drug Administration.

Federal Interagency Committee for Wetland Delineation. 1989. Federal Manual for Identifying and Delineation Jurisdictional Wetlands. U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, and U.S.D.A. Soil Conservation Service. Washington, D.C., Cooperative Technical Publication. 76pp. plus appendices.

Fagerburg, T. 1995. Delaware Bay Field Data Report. US Army Corps of Engineers, Waterways Experiment Station Technical Report HL-95-1. March 1995.

Frithsen, J.B., K. Killam, and M. Young. 1991. An Assessment of Key Biological Resources in the Delaware River Estuary. A report completed for the Delaware Estuary Program. Versar, Inc., Columbia, MD.

GAI Consultants, Inc. 1983. Delaware River Comprehensive Navigation Study (Interim): Cultural Resources Sensitivity Reconnaissance. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Galperin, B., and G. L. Mellor. 1990. A Time-dependent, Three-dimensional Model of the Delaware Bay and River System. Part 1: Description of the Model and Tidal Analysis. Estuarine, Coastal, and Shelf Science, Volume 31, Number 3, p.

Gambell, R. 1985. Fin whale (Balaenoptera physalus). In: Ridgeway, S.H. and R. Harrison (Eds.); Handbook of marine mammals, Vol. 3: the sirenians and baleen whales. Academic Press, London.

Garbarino, S. D., R. N. Blama, M. C. Landin, T. R. Patin, and S. R. Maynard. 1994. Environmental Restoration and Enhancement using Dredged Material in Chesapeake Bay, MD. pp. 384-394 IN Proc. ASCE Dredging '94 Conference, Orlando, FL.

Garmon, L. 1981. Tortoise marsh wallow? Science News 119(14) Apr.:217.

Gelvin-Innvaer, Lisa. Personal Communication. Delaware Department

of Natural Resources and Environmental Control, Division of Fish and Wildlife, Nongame and Endangered Species Program. Species Program. March 7 and 22, 1995.

Gelvin-Innvaer, Lisa. 1994. Endangered Species Research and Management: Studies of the Nesting Biology of Bald Eagles. Delaware Department of Natural Resources and Environmental Control, Division of Fish and Wildlife, Nongame and Endangered Species Program.

Gilbert/Commonwealth. 1979. Cultural Resources Overview and Sensitivity Analysis for the Delaware River and Shoreline. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Greeley-Polhemus Group Inc. 1995. Delaware River PED Main Channel Study, Vessel Casualty and Oil Spill Analysis (Draft). Contract Report. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Greeley-Polhemus Group Inc. 1994a. Delaware River Comprehensive Navigation Study Main Channel Deepening Project: Evaluation of Benthic Habitat Value of Candidate Beneficial Use Sites in Delaware Bay. Phase I Final Report. Volumes I and II. Contract Report to the US Army Engineer District. Philadelphia, PA.

Greeley-Polhemus Group Inc. 1994b. Delaware River Comprehensive Navigation Study Main Channel Deepening Project: Evaluation of Benthic Habitat Value of Candidate Beneficial Use Sites in Delaware Bay. Phase II Draft Report. Contract Report. US Army Engineer District. Philadelphia, PA.

Greeley-Polhemus Group Inc. 1994c. Water quality monitoring for Wilmington harbor maintenance dredging operations, winter 1994. Prepared for U.S. Army Corps of Engineers, Philadelphia District by the Greeley-Polhemus Group Inc. West Chester, Pennsylvania.

Greene, R.W. and R.W. Miller. 1994. Summary and assessment of polychlorinated biphenyls and selected pesticides in striped bass from the Delaware Estuary. Prepared by Delaware Department of Natural Resources and Environmental Control.

Grubb, T.G. and R.M. King, 1991. Assessing Human Disturbance of Breeding Bald Eagles with Classification Tree Models. Journal of Wildlife Management 55:500-511.

Haymes, G.T. and P.H. Patrick. 1986. Exclusion of adult alewife *Alosa pseudoharengus*, using low-frequency sound for application at water intakes. Can. J. Fish. and Aquat. Sci. 43:855-862.

Hastings, R.W. 1985. (Draft) A study of the shortnose sturgeon (*Acipenser brevirostrum*) population in the upper tidal Delaware River: Assessment of impacts of maintenance dredging (post-dredge

study of Duck Island and Perriwig ranges). Prepared for U.S. Army Corps of Engineers, Philadelphia district, by Center for Coastal and Environmental Studies, Rutgers, The State University of New Jersey, New Brunswick, N.J. 100 pp.

Hastings, R.W. ms 1983b. A study of the shortnose sturgeon (Acipenser brevirostrum) population in the upper tidal Delaware River: Assessment of impacts of maintenance dredging. (Pre-dredged study of Duck Island and Perriwig Ranges). Prepared for U.S. Army Corps of Engineers, Philadelphia district, by Center for Coastal and Environmental Studies, Rutgers, The State University of New Jersey, New Brunswick, N.J. 29 pp.

Heite, Edward and Louise Heite. 1986. Fort Elfsborg 1643: A Background Study of the History of Elsinboro Point or Fort Elfsborg, Elsinboro Township, Salem County, New Jersey and New Castle County, Delaware. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Heite, Edward and Louise Heite. 1986a. Preliminary Cultural Resource Reconnaissance Investigation of Thirteen Disposal Areas. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

Heite, Louise. 1988. From European Settlement to Today. In The Delaware Estuary: Rediscovering a Forgotten Resource, Tracey L. Bryant and Jonathan R. Pennock, eds. Pp 15-29. University of Delaware Sea Grant College Program.

Herpetological Associates, Inc. 1992. Cumberland County Estuary Study, Volume I, Rare, Threatened and Endangered Species Study. Delaware Estuary Program.

Hirsch, N.D., L.H. DiSalvo, and R. Peddicord. 1978. Effects of dredging and disposal on aquatic organisms. U.S. Army Corps of Engineers, Technical Report DS-78-5. 41 p.

Hirth, H.F. 1971. Synopsis of biological data on green turtles Chelonia mydas (Linnaeus) 1758. FAO Fish. Synop. No. 85.

Hoff, J.G. 1965. Two shortnose sturgeon, Acipenser brevirostrum, from the Delaware River, Scudder's Falls, New Jersey. Bull. N.J. Acad. Sci. 10:23

Hopkins, S.R. and J.I. Richardson, eds. 1984. Recovery Plan for Marine Turtles. U.S. Dept. Comm. NOAA, NMFS, St. Petersburg, FL, 355 pp.

Ichthyological Associates, Inc. 1980. An ecological study of the Delaware River near Artificial Island, 1968-1976: a summary. Prepared for Public Service Electric and Gas Company. 303 pp.

Keevin, Thomas M. Personal Communication. U.S. Army Corps of

Engineers, St. Louis District. St. Louis, Missouri. December 18, 1995.

Keevin, T.M., G.L. Hempen, L.G. Nico, and D.J. Schaeffer. In Press. The use of an air bubble curtain to reduce fish mortality resulting from underwater blasting. Submitted to N. Amer. J. Fish. Mgmt. on December 15, 1995.

Keighton, W. B. 1966. Fresh-water Discharge - Salinity Relations in the Tidal Delaware River. US Geological Survey Water Supply Paper 1586-G.

Kinsey, W.F. 1972. Archaeology in the Upper Delaware Valley: A Study of the Cultural Chronology of the Tocks Island Reservoir. Pennsylvania Historical and Museum Commission, Harrisburg.

Kraft, John C. 1988. Geology. In The Delaware estuary: Rediscovering a Forgotten Resource, Tracey L. Bryant and Jonathan R. Pennock, eds. Pp 31-41. University of Delaware.

Landin, Mary L. 1997. Personal Communication. Research Biologist. U.S. Army Waterways Experiment Station, Vicksburg, MS.

Landin, M. C. 1992. How, When, Where, and What to Monitor, and Why It Matters. pp. 142-147 IN Proc. ASCE Ports '92 Conference. Seattle, WA.

Landin, M. C., T. R. Patin, and H. H. Allen. 1989. Dredged Material Beneficial Uses in North America. pp. 821-832 IN Proc. 12th World Dredging Congress. Orlando, FL.

Landin, M. C., J. W. Webb, and P. L. Knutson. 1989. Long-Term Monitoring of Eleven Corps of Engineers Habitat Development Field Sites Built of Dredged Material, 1974-1987. TR D-89-1. US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Lee, C. R., Tatem, H. E., Brandon, D. L., Skogerboc, J. G., Price, R. A., and Wilhelm, G. S. 1991. General Decisionmaking Framework for Management of Dredged Material, Miscellaneous Paper D-91-1, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

Lee, C. R., Simmers, J. W., Brandon, D. L., Skogeboc, J. G., Price, R. A., and Wilhelm, G. S. 1995. Summary Field Evaluation of Contaminated Estuarine Dredged Material Placed in Upland and Wetland Environments, Miscellaneous Paper EL-95- , US Army Engineer Waterways Experiment Station, Vicksburg, MS.

LMS (Lawler, Matusky & Skelly Engineers). 1988a. Field testing of behavioral barriers for fish exclusion at cooling water intake systems. Prepared for Electric Power Research Institute, Palo Alto, California.

LMS. 1988b. Intake technologies: research status. Prepared for Electric Power Research Institute, Palo Alto, California.

Loeffelman, P.H., J.H. Hassel, and D.A. Kline. 1991. Using sound to divert fish from turbine intakes. Hydro Review, October 1991, pp. 30-43.

Long, E.R., D.A. MacDonald, S.L. Smith, and F.C. Calder. 1995. Incidence of Adverse Biological Effects Within Ranges of Chemical Concentrations in Marine and Estuarine Sediments. Environmental Management 19(1):81-97.

Martin, A.C., H.S. Zim and A.C. Nelson. 1951. American Wildlife, Plants: A Guide to Wildlife Food Habits. Dover Publications, Inc. New York.

Mason, W. D., and W. H. Pietsch. 1940. Salinity Movement and its Causes in the Delaware River Estuary. American Geophysical Union Transactions, v. 2, p. 457-463.

Mathisen, J.E., 1968. Effects of Human Disturbance on Nesting Bald Eagles. Journal of Wildlife Management 32:1-6.

Matousek, J.A., A.W. Wells, P.M. McGroddy, M.W. Daley, and W.C. Micheletti. No date. Biological evaluation of behavioral barrier devices at a power plant intake located on the Hudson River. Prepared by Lawler, Matusky & Skelly Engineers, Pearl River, New York

Maurer, D., L. Watling, W. Leathem, and C. Wethe. 1978. Benthic Invertebrate Assemblages of Delaware Bay. Marine Biology 45:65-78.

Maurmeyer, E. M. 1978. Geomorphology and Evolution of Transgressive Estuarine Washover Barriers Along the Western Shore of Delaware Bay, Doctoral Dissertation, University of Delaware, Newark, DE.

McCall, P.L. 1977. Community patterns and adaptive strategies of the infaunal benthos of Long Island Sound. Journal of Marine Research 35: 221-265.

McIninch, S.P. and C.H. Hocutt. 1987. Effects of turbidity on estuarine fish response to strobe lights. J. Applied Ichthy. 3: 97-105.

McLellan, T.C., R.N. Havis, D.F. Hayes, and G.L. Raymond. 1989. Field studies of sediment resuspension characteristics of selected dredges. Improvement of Operations and Maintenance Techniques Research Program, Technical Report HL-89-9, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

McNell, C.W., B.A. McMillan, and S.B. Marshall. 1977. The Shawnee-Minisink Site. Annals of the New York Academy of Sciences, 288:282-296.

Meehan, W.E. 1910. Experiments in sturgeon culture. Trans. Amer. Fish Soc. 39:85-91.

Murphy, D. 1990. Contaminant Levels in Oysters and Clams from the Chesapeake Bay, 1981-1985. Maryland Department of the Environment. Technical Report No. 102.

National Aeronautics and Space Administration (NASA). 1993. Biological Assessment For the Bald Eagle (Haliaeetus leucocephalus), Pegasus Launch Program, Goddard Space Flight Center, Wallops Flight Facility, Wallops Island, Virginia. 26p.

NMFS. 1991. Endangered Species Act Section 7 Consultation: Biological Opinion on the dredging of channel in the Southeastern United States from North Carolina through Cape Canaveral, Florida. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Silver Spring, MD. 25 November 1991.

Natural Resources Advisory Board. 1988. Wildlife Habitat Mapping Classification for Fort Collins and the Surrounding Growth Area. City of Fort Collins, CO, September 26.

Navoy, A. S., and G. B. Carleton. 1995. Ground-water Flow and Future Conditions in the Potomac-Raritan-Magothy Aquifer System, Camden Area, New Jersey. New Jersey Geological Survey Report GSR3 38.

Navoy, Anthony S. 1996. Letter to Stan Lulewicz, Philadelphia District, Corps of Engineers, dated January 23, 1996. United States Department of the Interior, U.S. Geological Service, Mountain Resources Division, West Trenton, NJ.

Nelson, D.A. 1988. Life History and Environmental Requirements of Loggerhead Turtles. U.S. Fish and Wildlife Service Biol. Rep. 88(23). U.S. Army Corps of Engineers TR EL-86-2(Rev.). 34 pp.

Nestler, J.M., G.R. Ploskey, J. Pickens, J. Menezes, and C. Schilt. 1992. Responses of blueback herring to high frequency sound with implications for reducing entrainment at hydropower dams. N. Am. J. Fish. Mgmt. 12:667-683.

O'Herron, J.C., ll, T. Lloyd, and K. Laidig. 1994. A survey of fish in the Delaware estuary from the area of the Chesapeake and Delaware Canal to Trenton. Final Report prepared by T. Lloyd Associates for the Scientific and Technical Advisory Committee, Delaware Estuary Program.

Oliver, J.S., P.N. Slattery, L.W. Hulberg and J.N. Nybakken. 1977. Patterns of succession in benthic infaunal communities following dredging and dredged material disposal in Monterey Bay. Technical Report D-77-27: 186. U.S. Army Engineers, Waterways Experiment Station, Vicksburg, MS.

O'Shea, George. Personal Communication. Prime Hook National Wildlife Refuge. U.S. Fish and Wildlife Service. March 22, 1995.

Parsons, Katharine C. 1997. Personal Communication. Director,

Estuarine Biomonitoring Program. Manomet Observatory, Manomet, MA.

Parsons, Katharine C. 1996. Significant Wetlands of Upper Delaware Bay: Habitat Status and Relationship to Pea Patch Island Wading Bird Colony. Manomet Observatory for Conservation Sciences, Manomet, MA.

Patrick, P.H., R.S. McKinley, A.E. Christie, and J.G. Holsapple. undated. Fish protection: sonic deterrents. Ontario Hydro Research Div. Toronto, Ontario.

Pearson, T.H. and R. Rosenberg. 1978. Macrobenthic succession in relation to organic enrichment and pollution of the marine environment. Oceanogr. Mar. Biol. Ann. Rev. 16:229-311.

Peters, Dana. Personal Communication. New Jersey Field Office. U.S. Fish and Wildlife Service. December 14, 1994.

Plage, Peter, J. 1989. Planning Aid Report, Comprehensive Navigation Study, Delaware River From Philadelphia to the Sea. U.S. Fish and Wildlife Service, Pleasantville, NJ, November, 1989.

Powell, Eric N. 1995. Personal Communication. Director, Rutgers University, Haskin Shellfish Research Laboratory. October 20, 1995.

PSE&G (Public Service Electric and Gas Company). 1980. An ecological study of the Delaware River near Artificial Island, 1968-1976: a summary. PSE&G, Newark, New Jersey.

Ranasinghe, J.A. and W.A. Richkus. 1993. Dredged material placement at Pooles Island: Evaluation of the effects of unconfined placement on benthic assemblages (June 1991-July 1993). Prepared for Maryland Environmental Services, Maryland Department of Natural Resources, Annapolis, MD, and Chesapeake Bay and Special Projects Program, Water Management Administration, Maryland Department of the Environment, Baltimore, MD, by Versar, Inc.

Richard, J.D. 1968. Fish attraction with pulsed low-frequency sound. J. Fish. Res. Board 25: 1441-1452.

Ricker, W.E. 1975. Computation and interpretation of biological statistics of fish populations. Bull. Fish. Res. Board Can. 191. 382p.

Rhoads, D.C., P.L. McCall, and J.Y. Yingst. 1978. Disturbance and production on the estuarine sea floor. Amer. Scient. 66:577-586.

Sager, D.R. and C.H. Hocutt. 1987. Estuarine fish responses to strobe light, bubble curtains and strobe light/bubble curtain combinations as influenced by water flow rate and flash frequencies. Fish. Res. 5: 383-399.

Saila, S.B., S.E. Pratt, and T.T. Polgar. 1972. Dredge spoil disposal in Rhode Island Sound. Mar. Tech. Rpt. No. 2, University of Rhode Island, 48 pp.

Schafer, W. 1972. Ecology and Paleoecology of Marine Environment. (Ed.) G.Y. Craig, Trans. Chicago University: Press, 568 pp.

Schuyler, A.E., Andersen, S.B., and V.J. Kolaga. 1993. Plant Zonation Changes in the Tidal Portion of the Delaware River. Proceedings of the Academy of Natural Sciences of Philadelphia. 144: 263-266.

Schuyler, A.E., 1988. Submergent and Planmergent Flora of the Freshwater Portion of the Delaware Estuary. Pages 157-168. in S.K. Majumbar, E.W. Miller, and L.E. Sage, eds. Ecology and Restoration of the Delaware River Basin. The Pennsylvania Academy of Sciences. Easton.

Shoop, C.R., T. Doty, and N. Bray. 1982. A characterization of marine mammals and turtles in the mid- and north-Atlantic areas of the U.S. outer continental shelf: final report. University of Rhode Island, Kingston, RI. December 1982.

Shulenberg, E. 1970. Responses of Gemma gemma to a catastrophic burial. The Veliger 13: 163-170.

Smith, Frank. Personal Communication. Bombay Hook National Wildlife Refuge. U.S. Fish and Wildlife Service. March 2, 1995.

Smullen, J.T., J.H. Sharp, R.W. Garvine and H.H. Haskin. 1983. River flow and salinity. Pages 9-25 in J.H. Sharp, ed. The Delaware Estuary: research as background for estuarine management and development. A report to the Delaware River and Bay Authority. 311 pp.

Soil Conservation Service (SCS), 1969. Soil Survey, Salem County, New Jersey, prepared in cooperation with New Jersey Agricultural Experiment Station.

Soil Conservation Service (SCS), 1962. Soil Survey, Gloucester County, New Jersey, prepared in cooperation with New Jersey Agricultural Experiment Station.

Squiers, T.S. and M. Smith. 1979. Distribution and abundance of shortnose and Atlantic sturgeon in the Kennebec River Estuary. Completion Report Project AFC-19. Department of Marine Resources, Augustus, ME. 51 pp.

Stafford, E. A., Simmers, J. W., and Rhett, R. G. 1987. "Contaminant Mobility at Dredge Material Disposal Sites. Assessment using Invertebrates Naturally Colonizing the Sites," Proceedings of the International Conference on Heavy Metals in the Environment New Orleans, LA. CEP Consultants Ltd., Edinburgh, UK. p424-426.

Schuyler, A.E. 1988. Submergent and planmergent flora of the freshwater portion of the Delaware Estuary. Pages 157-168 in S.K. Majumdar, E.W. Miller and L.E. Sage, eds. Ecology and restoration of the Delaware River Basin. The Pennsylvania Academy of Science, Easton, PA. 431 pp.

Stalmaster, M.W., and J.R. Newman, 1978. Behavioral Responses of Wintering Bald Eagles to Human Activity. Journal of Wildlife Management 42:506-516.

Steidl, R.J., Griffin, C.R., and L.J. Niles. 1991(a), Differential Reproductive Success of Ospreys in New Jersey. J. Wildl. Mange. 55(2):266-272.

Steidl, R.J., Griffin, C.R., Niles, L.J., and K.E. Clark. 1991 (b). Reproductive Success and Eggshell Thinning of a Reestablished Peregrine Falcon Population. J. Wildl. Mange. 55(2):294-299.

Steidl, R.J., Griffin, C.R., and L.J. Niles. 1991 (c). Contaminant Levels of Osprey Eggs and Prey Reflect Regional Differences in Reproductive Success. J. Wildl. Mange. 55(4):601-608.

SWES (Stone and Webster Environmental Services). 1990. Summary of 1990 study results evaluation of strobe lights for fish diversion at York Haven Hydroelectric Plant.

Swingle, M., S. Barco, T. Pitchford, W. McLellan, and D.A. Pabst. 1993. The occurrence of foraging juvenile humpback whales (Megaptera novaengliae) in Virginia Coastal Waters. Marine Mammal Science (in press).

Taylor, A.C. 1990. The hopper dredge. In: Dickerson, D.D. and D.A. Nelson (Comps.); Proceedings of the National Workshop of Methods to Minimize Dredging Impacts on Sea Turtles, 11-12 May 1988, Jacksonville, Florida. Miscellaneous Paper EL-90-5. Department of the Army, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS. February, 1990. Pp. 59-63.

Teleki, G.C. and A.J. Chamberlain. 1978. Acute Effects of Underwater Construction Blasting in Fishes in Long Point Bay, Lake Erie. J. Fish. Res. Board Can. 35: 1191-1198.

Tetra Tech, Inc. 1991. Philadelphia to the Sea Project Advanced Maintenance Dredging Analysis, Phase II. U.S. Army Corps of Engineers, Philadelphia District.

U. S. Army Corps of Engineers. 1973. Long Range Spoil Disposal Study, Part III, Sub-study 2, Nature, Source, and Cause of the Shoal. Philadelphia District, Army Corps of Engineers.

U.S. Army Corps of Engineers (USACE). 1982. Delaware Estuary Salinity Intrusion Study. Philadelphia District. 72 pp.

USACE. 1983. Dredging and Dredged Material Disposal. Engineer Manual EM 1110-2-5025. U.S. Army Corps of Engineers, Washington DC.

US Army Corps of Engineers. 1986a. Port Mahon, Kent County, DE, Beach Erosion Control Problem Stage II Detailed Project Report. US Army Engineer District, Philadelphia, PA.

US Army Corps of Engineers. 1986b. Dredged Material Beneficial Uses. Engineer Manual 1110-2-5026. Office, Chief of Engineers, Washington, DC.

U.S. Army Corps of Engineers. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1. U.S. Army Waterways Experiment Station, Environment Laboratory, Vicksburg, Mississippi.

USACE. 1988. Corps' of Engineers Procedures and Policies on Dredging and Dredged Material Disposal (The Federal Standard). Environmental Effects of Dredging Technical Notes: EEDP-04-8. U.S. Army Corps of Engineers, Vicksburg, Mississippi.

US Army Corps of Engineers. 1989. Environmental Engineering for Coastal Protection. Engineer Manual 1110-2-1204. Office, Chief of Engineers, Washington, DC.

U.S. Army Corps of Engineers (USACE). 1991. Pedericktown Support Facility, Oldsmans Township, New Jersey. Preliminary Assessment. Philadelphia District, Philadelphia, PA.

U.S. Army Corps of Engineers (USACE). 1992. Delaware River Comprehensive Navigation Study, Main Channel Deepening, Final Interim Feasibility Study and Environmental Impact Statement. Philadelphia District.

U.S. Army Corps of Engineers (USACE). 1995. Project Description, Cape Fear - Northeast Cape Fear Rivers Feasibility Study, Wilmington, North Carolina. Wilmington District, Wilmington, North Carolina.

U.S. Congress, Senate. 1938. Letter from the Secretar of War, S. Doc. 159, 75th Congress, 3rd session.

U.S. Congress, House. 1910. Letter from the Secretary of War, H. Doc. 733, 61st Congress, Snd session.

USEPA/ACE. 1994. Evaluation of Dredged Material Proposed for Discharge in Waters of the U.S. - Testing Manual (Draft) - Inland Testing Manual. EPA-823-B-94-002. U.S. Environmental Protection Agency and U.S. Army Corps of Engineers, Washington DC.

USEPA. 1978. Metal Bioaccumulation in Fishes and Aquatic Invertebrates: A Literature Review. U.S. Environmental

Protection Agency. EPA-600/3-78-103.

USEPA. 1993. Guidance Manual for Bedded Sediment Bioaccumulation Tests. EPA-600-R-93-183. U.S. Environmental Protection Agency, Washington DC.

U.S. Fish and Wildlife Service (FWS). 1995a. Planning Aid Report, Comprehensive Navigation Study, Main Channel Deepening Project, Delaware River From Philadelphia to the Sea, Upland Disposal Sites. New Jersey Field Office. Pleasantville, New Jersey.

U.S. Fish and Wildlife Service (FWS). 1995b. Planning Aid Report, Comprehensive Navigation Study, Main Channel Deepening Project, Delaware River From Philadelphia to the Sea, Beneficial Use of Dredged Material. New Jersey Field Office. Pleasantville, New Jersey.

USFWS, 1991. U.S. Fish and Wildlife Service. First Update of the Peregrine Falcon (Falco peregrinus), Eastern Population, Revised Recovery Plan. Newton Corner, Massachusetts.

USFWS, 1990. U.S. Fish and Wildlife Service. Chesapeake Bay Bald Eagle Recover Plan: First Revision. Newton Corner, Massachusetts.

USFWS, 1986. U.S. Fish and Wildlife Service. Habitat Suitability Index Models: Bald Eagle (Breeding Season). Fort Collins, Colorado. Biological Report 82(10.126).

U.S. Fish and Wildlife Service (USFWS). 1981. Planning Aid Report. Delaware River Dredging Disposal Study, Small Navigation Projects. Prepared for the U.S. Army Corps of Engineers, Philadelphia District.

U.S. Fish and Wildlife Service (USFWS). 1981a. Planning Aid Report. The sensitivity of the Delaware estuary ecosystem to alteration of the natural cycle of salinity change. Prepared for the U.S. Army Corps of Engineers, Philadelphia District. 43 pp.

U.S. Fish and Wildlife Service (USFWS). 1979. Planning Aid Report. The effect of salinity change on the American oyster in the Delaware Bay. Prepared for the U.S. Army Corps of Engineers, Philadelphia District. 26 pp.

USGS. 1995. U.S. Geological Survey. Hydrogeologic Conditions Adjacent to the Delaware River, Gloucester, Salem, and Cumberland Counties, New Jersey. West Trenton, New Jersey.

Van Dolah, R.F., D.R. Calder, and D.M. Knott. 1984. Effects of dredging and open-water disposal on benthic macroinvertebrates in a South Carolina estuary. Estuaries. 7: 28-37.

Versar. 1997. Delaware River Philadelphia to the Sea Project, High Resolution PCB Analysis of Channel Sediments. Prepared for the U.S. Army Corps of Engineers, Philadelphia District by Versar, Inc., Columbia, Maryland.

Walters, R. A. 1992. A Study of Salt Transport Processes in Delaware Bay. Estuarine and Coastal Modeling.

Walton, T.E., III and R. Patrick (eds). 1973. The Delaware Estuary system, environmental impacts and socio-economic effects. Delaware River estuarine marsh survey. A report to the National Science Foundation RANN Program. 172 pp.

Warwick, R.M. 1986. A new method for detecting pollution effects on marine macrobenthic communities. Mar. Biol. 92:557-562.

Watling, L. and D. Maurer. 1973. Guide to the macroscopic estuarine and marine invertebrates of the Delaware Bay region. Delaware Bay Report services, Volume 5. Prepared by College of Marine Studies, University of Delaware, Newark, DE, for the National Geographic Society.

Weisberg, S.B., P. Himchak, T. Baum, H.T. Wilson, and R. Allen. In press. Temporal trends in beach seine abundance of fish from the tidal Delaware River. Estuaries.

Weisberg, S.B. and W.H. Burton. 1993. Spring distribution and abundance of ichthyoplankton in the tidal Delaware River. Fishery Bulletin 91: 788-797 (1993).

Werner, D.J. 1964. Vestiges of Paleo-Indian Occupation near Port Jervis, New York. New World Antiquity 11:30-52.

Whitman, W.R., et.al.(eds). Waterfowl habitat restoration, enhancement and management in the Atlantic Flyway. 3rd ed., Environmental Manage. Comm., Atlantic Flyway Technical Section, and Delaware Div. Fish and Wildl., P.O. Box 1401, Dover, DE.

Wiley, M.L., J.B. Gaspin, and J.F. Goertner. 1981. Effects of Underwater Explosions on Fish with a Dynamic Model to Predict Fishkill. Ocean Science and Engineering 6(2): 223-284.

Wiley, D.N., R.A. Asmutis, and D.P. Gannon. 1992. Preliminary investigation in the strandings of the humpback whale, *Magaptra novaengliae*, in the mid-Atlantic and southeast regions of the United States, 1985-1999. Report to the International Wildlife Coalition. December 1992.

Wong, K. -C., and R. W. Garvine. 1984. Observations of Wind-induced, Subtidal Variability in the Delaware Estuary. Journal of Geophysical Research, Volume 89, Number C6, p. 10,589 - 10,597. November 20, 1984.

Wong, K. -C. 1991. The Response of the Delaware Estuary to

Combined Forcing From Chesapeake Bay and the Ocean. Journal of
Geophysical Research, Volume 98, Number C5, p. 8797 - 8809. May
15, 1991.

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