

APPENDIX D.2

REFERENCE LIST FROM CHAPTER 9, "NATURAL RESOURCES AND FLOODPLAIN"

Appendix D.2: Reference List from Chapter 9: Natural Resources and Floodplains

- Able, K.W., J.P. Manderson, A.L. Studholme. 1998. The distribution of shallow water juvenile fishes in an urban estuary: the effects of manmade structures in the Lower Hudson River. *Estuaries* 21(4B):731-744.
- Able, K.W., A.L. Studholme and J.P. Manderson. 1995. Habitat quality in the New York/New Jersey Harbor Estuary: An evaluation of pier effects on fishes. Final Report. Hudson River Foundation, New York, NY.
- Abraham, B.J. 1985. Mummichog and Striped Killifish. Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates. U.S. Fish and Wildlife Service for U.S. Army Corps of Engineers Waterways Experiment Station Coastal Ecology Group and the National Coastal Ecosystems Team, Division of Biological Services, U.S. Fish and Wildlife Service.
- Adams, D.A., J.S. O'Connor, S.B. Weisberg. 1998. Final Report: Sediment Quality of the NY/NJ Harbor System. An Investigation under the Regional Environmental Monitoring and Assessment Program (R-EMAP). EPA/902-R-98-001.
- AKRF, Inc. 2002. Second Avenue Subway Environmental Impact Statement. New York, NY.
- Alzieu, C. 1986. TBT detrimental effects on oyster culture in France: Evolution since antifouling paint regulation. In: *Oceans '86, Proceedings, Volume 4, Organotin Symposium*, pp. 1130-1134. Marine Technology Society, Washington, DC.
- ASA Analysis and Communications Inc. (ASA). 2001. 1998 Year Class Report for the Hudson River Estuary Monitoring Program. Prepared for Central Hudson Gas and Electric Corporation by ASA, New Hampton, NY.
- Asplund, T.R. 2000. The Effects of Motorized Watercraft on Aquatic Ecosystems. Wisconsin Department of Natural Resources, Bureau of Integrated Science Services and University of Wisconsin – Madison, Water Chemistry Program. PUBL-SS-948-00.
- Bain, M.B. 1997. Atlantic and shortnose sturgeons of the Hudson River: common and divergent life history attributes. *Environ. Biol. Fishes* 48:347-358.
- Bain, M.B. 2004. Personal communication of Mark Bain (Cornell University, Ithaca, NY) with Jennifer Wallin (AKRF, Hanover, MD), April 2, 2004.
- Bigelow, H.B. ad W.C. Schroeder. 1953. Fishes of the Gulf of Maine. *Fishery Bulletin of the Fish and Wildlife Service* Volume 53.
- Birtwell, I.K., M.D. Nassichuk, H. Beune, and M. Gang. 1987. Deas Slough, Fraser River Estuary, British Columbia: General description and some aquatic characteristics. *Can. Fish. Mar. Serv. Man. Rep. No.* 1464.

East River Esplanade and Piers FEIS

- Blumberg, A.R., S. O'Neil, and N.K. Kim. 2003. Environmental impacts of a desalination facility proposed for Tama, Florida. *J. Mar. Environ. Eng.* 7:25-45.
- Brosnan, T.M., and M.L. O'Shea. 1995. New York Harbor water quality survey: 1994. New York City Department of Environmental Protection, Marine Sciences Section, Wards Island, NY.
- Clarke, D.G., and D.H. Wilber. 2000. Assessment of potential impacts of dredging operations due to sediment resuspension. DOER Technical Notes Collection (ERDC TN-DOER-E9), US Army Engineer Research and Development Center, Vicksburg, MS.
- Coastal Environmental Services. 1987. Television City Project: Characterization of the Aquatic Ecology of the Site and Assessment of Potential Impacts of the Project on the Aquatic biota. Prepared for Berle, Kass, and Case, New York, New York; McKeown and Franz, Inc., New York, NY; and The Trump Organization, New York, NY.
- Colligan, M. 2006. Correspondence from Ms. Mary Colligan, National Oceanic and Atmospheric Administration, National Marine Fisheries Service ; dated May 22, 2006, to Shawn Shotzberger, AKRF.
- Consolidated Edison Company of New York, Inc. (Con Edison). 1982. Environmental impacts associated with the proposed reconversion of the Ravenswood Generating Station to coal-fired operation. Submitted to the U.S. Department of Energy.
- Dolat, S.W. 1997. Acoustic Measurements During the Baldwin Bridge Demolition (final, dated March 4, 1997). Prepared for White Oak Construction by Sonalysts, Inc. Waterford, CT.
- Donlon, J., S. Litten, and G.R. Wall. 1999. Contaminant Assessment and Reduction Project (CARP). Toxic chemicals in New York Harbor and vicinity – design of the trace organics platform sampler (TOPS).
- Dunford, W.E. 1975. Space and food utilization by salmonids in marsh habitats of the Fraser River estuary. University of British Columbia.
- EA Engineering, Science, and Technology. 1990. Phase I feasibility study of the aquatic ecology along the Hudson River in Manhattan. Final Report. Prepared for New York City Public Development Corporation, New York, NY. Newburgh, NY.
- EEA, Inc. 1989. East River Landing Aquatic Environmental Study. Draft Final Report. Prepared for New York City Public Development Corporation by EEA, Inc., Garden City, NY. July 1989 Revision.
- Enger, P.S., H.E. Karsen, F.R. Knudsen, O. Sand. 1993. Detection and reaction of fish to infrasound: fish behaviour in relation to fishing operations. *ICES Maine Science Symposia* 196:108-112.
- Fahay, M.P. 1978. Biological and fisheries data on the American eel, *Anguilla rostrata* (LeSeur). NTIS PB-297 067. National Marine Fisheries Service Technical Series Report No. 17.
- Fay, C.W., R. Neves, and G.B. Pardue. 1983. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (mid-Atlantic): striped bass. Study conducted by the Virginia Polytechnic Institute and State University Department of Fisheries and Wildlife Sciences for the Division of Biological Services, U.S. Fish and Wildlife Service, FWS/OBS-82/11.8. U.S. Army Corps of Engineers, TR EL-82-4.

- Gregory, R.S. 1990. Effects of turbidity on benthic foraging and predation risk in juvenile Chinook salmon. PP 64-73. In: C.A. Simenstad (ed.) Effects of dredging on anadromous Pacific coast fishes. 1988. Washington Sea Grant. Seattle, WA.
- Grimes, B.H., M.T. Huish, J.H. Kerby, and D. Moran. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (mid-Atlantic): summer and winter flounder. U.S. Fish and Wildlife Service Biological Report 82(11.112). U.S. Army Corps of Engineers, TR EL-82-4.
- Gucinski, H. 1981. Sediment suspension and resuspension from small-craft induced turbulence. Chesapeake Bay Program, U.S. Environmental Protection Agency, 401 Severn Avenue, Annapolis, MD 21401.
- Hanson, J., M. Helvey, R. Strach (eds.). 2003. Non-Fishing Impacts to Essential Fish Habitat and Recommended Conservation Measures. National Oceanic and Atmospheric Administration. August 2003, Version 1.
- Hazen and Sawyer. 1983. Newtown Creek Water Pollution Control Plant. Revised application for modification of the requirements of secondary treatment under Section 301(h), PL 97-117. Prepared for the City of New York, Department of Environmental Protection.
- Hazen and Sawyer. 1985. Newtown Creek water pollution control plant. Revised application for modification of the requirements of secondary treatment. VII: Additional biologic and toxics information. Prepared for the City of New York, Department of Environmental Protection.
- Heimbuch, D., S. Cairns, D. Logan, S. Janicki, J. Seibel, D. Wade, M. Langan, and N. Mehrotra. 1994. Distribution Patterns of Eight Key Species of Hudson River Fish. Coastal Environmental Services, Inc. Linthicum, MD. Prepared for the Hudson River Foundation, New York, NY.
- Houde, E.D., and C.E. Zastrow. 1991. Bay anchovy *Anchoa mitchilli*. In Habitat Requirements for Chesapeake Bay Living Resources, S.L. Funderburk, J.A. Mihursky, S.J. Jordan and D. Riley (eds.), 2nd edition. Chesapeake Research Consortium, Inc., Solomons, MD. pp. 8-1 to 8-14.
- Hurley, L.M. 1990. Field Guide to the Submerged Aquatic Vegetation of Chesapeake Bay. U.S. Fish and Wildlife Service, Chesapeake Bay Estuary Program, Annapolis, MD.
- Interstate Environmental Commission (IEC). 2000. 1999. 305(b) water quality management report update to EPA. New York, NY.
- Interstate Environmental Commission (IEC). 2001. 2000 305(b) water quality management report update to EPA. New York, NY.
- Interstate Environmental Commission (IEC). 2002. Annual Report. New York, NY.
- Interstate Environmental Commission (IEC). 2005. 2004 Annual Report. New York, NY.
- Kleine, R. 1997. The Effects of Marinas and Boating Activity Upon Tidal Waterways. Community and Environmental Defense Services, 8100 Greenspring Valley Road, Owings Mills, Maryland 21117.
- Knudsen, F.R., P.S. Enger, and O. Sand. 1994. Avoidance responses to low frequency sound in downstream migrating Atlantic salmon smolt, *Salmo salar*. J. Fish Biol. 45:227-233.

East River Esplanade and Piers FEIS

- LaSalle, M.W., D.G. Clarke, J. Homziak, J.D. Lunz, and T.J. Fredette. 1991. A framework for assessing the need for seasonal restrictions on dredging and disposal operations. Department of the Army, Environmental laboratory, Waterways Experiment Station, Corps of Engineers, Vicksburg, Mississippi.
- Lauer, G. 1971. Preliminary studies concerning effects of cooling system transport upon planktonic organisms at the Astoria Power Station, Queens, NY. Report prepared for Consolidated Edison Company of New York, Inc.
- Lawler, Matusky and Skelly Engineers, LLP (LMS). 2003a. New York and New Jersey Harbor Navigation Project, Aquatic Biological Sampling Program 2001-2002, Final Report. Prepared for the US Army Corps of Engineers, New York District, Environmental Review Section, Jacob K. Javits Federal Building, 26 Federal Plaza, NY, NY 10278.
- Lawler, Matusky and Skelly Engineers, LLP (LMS). 2003b. New York and New Jersey Harbor Navigation Project, Aquatic Biological Survey Report 2002-2003, Draft Report. Prepared for the US Army Corps of Engineers, New York District, Environmental Review Section, Jacob K. Javits Federal Building, 26 Federal Plaza, NY, NY 10278.
- Levy, D.A., and T.G. Northcote. 1982. Juvenile salmon residency in a marsh area of the Fraser River estuary. *Can. J. Fish. Aquat. Sci.* 39:270-276.
- Litten, S. and B. Fowler. 1999. Contaminant Assessment and Reduction Project (CARP). Toxic chemicals in New York Harbor and vicinity – sources and ambient concentrations of dioxins and PCBs from large volume water column sampling. Poster presented at the 20th Annual Meeting of the Society of Environmental Toxicology and Chemistry. Philadelphia, PA.
- Litten, S., B. Fowler, M. Gauthier, and N. Bloom. 1999. Contaminant Assessment and Reduction Project (CARP). Toxic chemicals in New York Harbor and vicinity – sources and ambient concentrations of pesticides, PAHs, mercury, and cadmium. Poster presented at the 20th Annual Meeting of the Society of Environmental Toxicology and Chemistry. Philadelphia, PA.
- Lonsdale, D.J., and E.M. Cosper. 1994. Phytoplankton productivity and zooplankton feeding and productivity in the lower Hudson River estuary. Marine Sciences Research Center, SUNY, Stony Brook, NY. Final report to the Hudson River Foundation, New York, NY.
- McHugh, J.L. 1967. Estuarine nekton, in *Estuaries* (G.H. Lauff, ed.), pp.581-620. AAAS, Washington.
- Morreale, S.J. and E.A. Standora. 1995. Cumulative evidence of southward migration of juvenile sea turtles from temperate northeastern waters. *Proceedings of the Twelfth Annual Workshop on Sea Turtle Biology and Conservation*. Pp. 85-86. NOAA Technical Memorandum NMFS-SEFSC-361.
- Nadareski, C., NY City Department of Environmental Protection (NYCDEP) Wildlife Studies. Personal communication with Sandy Collins, AKRF, on 17 May 2002.
- National Oceanic and Atmospheric Administration (NOAA). 2001. New York - New Jersey Metropolitan Region Coastal Resources Atlas. National Ocean Service. Office of Response and Restoration, Hazardous Materials Response Division, Seattle, WA.

- National Oceanic and Atmospheric Administration (NOAA), Office of Coastal Zone Management. 1976. Coastal facility guidelines. U.S. Department of Commerce, NOAA, Washington, DC 96 pp.
- New York City Department of Environmental Protection (DEP). 2000. Harbor Water Quality Survey Summary. New York, NY.
- New York City Department of Environmental Protection (DEP). 2001. Harbor Water Quality Survey Summary. New York, NY.
- New York City Department of Environmental Protection (DEP). 2002. Harbor Water Quality Survey Summary. New York, NY.
- New York City Department of Environmental Protection (DEP). 2003a. Harbor Water Quality Survey Data for 1995 through 2002. New York, NY.
- New York City Department of Environmental Protection (DEP). 2003b. Harbor Water Quality Survey Summary. New York, NY.
- New York City Department of Environmental Protection (DEP). 2004. 2003 New York Harbor Water Quality Report. New York, NY.
- New York City Department of Parks and Recreation (NYCDPR). 1994. Woodlands, wetlands, and wildlife. A guide to the natural areas of New York City parks. A publication of the Urban Forest and Education Program, NYCDPR and City Parks Foundation, sponsored by the Lila Wallace – Readers Digest Fund.
- Nightingale, B, and C.A. Simenstad, University of Washington. 2001a. Dredging Activities: Marine Issues. White Paper, Research Project T1803, Task 35. Prepared by the Washington State Transportation Center (TRAC), University of Washington. Prepared for Washington State Transportation Commission, Department of Transportation and in cooperation with the US Department of Transportation, Federal highway Administration.
- Nightingale, B, and C. Simenstad. 2001b. Overwater Structures: Marine Issues. Prepared by Washington State Transportation Center (TRAC), University of Washington; and Washington State Department of Transportation. Research Project T1803, Task 35, Overwater Whitepaper. Prepared for Washington State Transportation Commission, Department of Transportation and in cooperation with the US Department of Transportation, Federal Highway Administration,
- NY/NJ Harbor Estuary Program (NY/NJ HEP). 1996. New York-New Jersey Harbor Estuary Program, Including the Bight Restoration Plan: Final Comprehensive Conservation and Management Plan.
- PBS&J. 1998. The Hudson River Park. Natural Resources Appendix to Final Environmental Impact Statement. Prepared for the Empire State Development Corporation and the Hudson River Park Conservancy.
- Pereira, J.J., R. Goldberg, J.J. Ziskowski, P.L. Berrien, W.W. Morse, and D.L. Johnson. 1999. Essential Fish Habitat Source Document: Winter Flounder, *Pseudopleuronectes americanus*, Life History and Habitat Characteristics. National Marine Fisheries Service. NOAA Technical Memorandum NMFS-NE 138, <http://www.nefsc.nmfs.gov/nefsc/habitat/efh/ - list>

East River Esplanade and Piers FEIS

- Perlmutter, A. 1971. Ecological studies related to the proposed increase in generating capacity at the Astoria Power Station of Consolidated Edison. Report prepared for the Consolidated Edison Company of New York, Inc.
- Peterson, D., and M. Bain. 2002. Sturgeon of the Hudson River: current status and recent trends of Atlantic and shortnose sturgeon. Annual Meeting of the American Fisheries Society, Baltimore, MD.
- Princeton Aqua Science (PAS). 1985. Description of Water Quality and Aquatic Biota and Terrestrial Ecology for the Proposed Waterfront Development Project at Hunters Point, New York. Prepared for The Port Authority of New York and New Jersey, Economic Development Department. Pg. I-1 –I-37.
- Rogers, P.H., and M. Cox. 1988. Underwater Sound as a Biological Stimulus. pp. 131-149 In: Sensory Biology of Aquatic Animals. J. Atema, R.R. Fay, A.N. Popper, and W.N. Tavolga (eds.). Springer-Verlag: New York.
- Sand, O., P.S. Enger, H.E. Karlsen, F.R. Knudsen, T. Kvernstuen. 2000. Avoidance responses to infrasound in downstream migrating European silver eels, *Anguilla anguilla*. Environmental Biology of fishes 57:327-336.
- Sinkevich, S. United States Fish and Wildlife Service (USFWS). 2006. Correspondence from Steve Sinkevich, Senior Fish and Wildlife Biologist, USFWS, to Shawn Shotzberger, AKRF, dated November 1, 2006. USFWS Long Island Field Office, 500 St. Marks, Islip NY, 11751.
- Seoane, T. 2006. Correspondence from Ms. Tara Seoane, New York Natural Heritage Program; dated May 18, 2006, to Shawn Shotzberger, AKRF.
- Standora, E.A., S.J. Morreale, R.D. Thompson, and V.J. Burke. 1990. Telemetric monitoring of diving behavior and movements of Kemp's ridleys. Proceedings of the Tenth Annual Workshop on Sea Turtle Biology and Conservation. Page 133. NOAA Technical Memorandum NMFS-SEFC-278.
- Stanley, J.G., and D.S. Danie. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (North Atlantic): white perch. U.S. Fish and Wildlife Service Biological Report FWS/OBS-82/11.7. U.S. Army Corps of Engineers, TR EL-82-4.
- Steinberg, N., J. Way, D.J. Suszkowski. 2002. Harbor Health/Human Health: an Analysis of Environmental Indicators for the NY/NJ Harbor Estuary. Prepared for the New York/New Jersey Harbor Estuary Program by the Hudson River Foundation for Science and Environmental Research. Produced under a cooperative agreement between the Hudson River Foundation and US EPA Region II.
- Steinberg, N., D.J. Suszkowski, L. Clark, and J. Way. 2004. Health of the Harbor. The First Comprehensive Look at the State of the NY/NJ Harbor Estuary. A report to the NY/NJ Harbor Estuary Program. Hudson River foundation, New York, NY. 82 pp.
- Stepien, J.C., T.C. Malone, and M.B. Chervin. 1981. Copepod communities in the estuary and coastal plume of the Hudson River. Estuarine, Coastal and Shelf Science 13:185-194.

- U.S. Army Corps of Engineers (USACE). 1984. Final Supplemental Environmental Impact Statement. Westway Highway Project. Volume II – Fisheries Portion. Prepared for the U.S. Department of Transportation.
- U.S. Army Corps of Engineers (USACE). 1994. Cumulative impacts of recreational boating on the Fox River-Chain O'Lakes in Lake and McHenry Counties, Ill: Final Environmental Impact Statement. Environ and Social Anal. Branch, U.S. Army Corps of Eng., Chicago, IL 194 pp plus appendices.
- U.S. Army Corps of Engineers (USACE). 1999a. New York and New Jersey Harbor Navigation Study. Draft Environmental Impact Statement.
- U.S. Environmental Protection Agency (EPA). 2001. National Sediment Quality Survey Database – 1980 to 1999. EPA-823-C-01-001.
- U.S. Fish and Wildlife Service (USFWS). 1997. Significant Habitats and Habitat Complexes of the New York Bight Watershed. USFWS Southern New England – New York Bight Coastal Ecosystems Program, Charlestown, RI.

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