

REFERENCES

- AASHTO (American Association of State Highway and Transportation Officials) 1994. A Policy on Geometric Designs of Highways and Streets.
- AASHTO 1991. Guide for the Development of Bicycle Facilities.
- AASHTO 1990. A Policy on Geometric Designs of Highways and Streets.
- AASHTO 1977. A Manual on User Benefit Analysis of Highway and Bus-Transit Improvements.
- ACOE (United States Army Corps of Engineers) 2002. Regulatory Guidance Letter No.02-2. Guidance on Compensatory Mitigation Projects for Aquatic Resource Impacts Under the Corps Regulatory Program Pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899. December 26, 2002.
- ACOE 1995. Highway Methodology Workbook Supplement: Wetland Functions and Values - A Descriptive Approach. New England Division. Publication no. NEDEP-360-1-30a. November 1995. 32 pp.
- ACOE 1993. The Highway Methodology Workbook: Integrating Corps Section 404 Permit Requirements with Highway Planning and Engineering and the NEPA EIS Process. New England Division. Publication no. NEDEP-360-1-30. October 1993. 28 pp.
- Askins, Robert A. 1995. Hostile Landscapes and the Decline of Migratory Songbirds. *Science*. No. 31, Vol. 267. pp. 1956-1957.
- Askins, Robert A. 1990. Birds of the Connecticut College Arboretum. *The Connecticut College Arboretum, Bulletin No. 31*. May 1990. 43 pp.
- Askins, Robert A., Philbrick, Margaret J., Sugeno, David S. 1987. Relationship Between the Regional Abundance of Forest and the Composition of Forest Bird Communities. *Biol. Conservation*. Elsevier Applied Science Publishers Ltd., England. 1987. pp. 128-152.

Barbour, M.T., J. Gerritsen, B.D. Snyder, and J.B. Stribling. 1999. Rapid Bioassessment Protocols for Use in Streams and Wadeable Rivers: Periphyton, Benthic Macroinvertebrates and Fish, Second Edition. EPA 841-B-99-002. U.S. Environmental Protection Agency; Office of Water; Washington, D.C.

Bevier, Louis R., ed. 1994. The Atlas of Breeding Birds of Connecticut. State Geological and Natural History Survey of Connecticut, Bulletin No. 113.

Binford, L . R. 1980. Willow Smoke and Dog's Tails: Hunter-Gatherer Settlement Systems and Archaeological Site Formation. *American Antiquity* 45 (1): 4-20.

Brower, James E., Carl N.von Ende, and Jerrold H. Zar, 1990. Field and Laboratory Methods for General Ecology. Wm. C. Brown Publishers. 237pp.

Calhoun, A.J. K. and M. W. Klemens. 2002. Best development practices: Conserving pool-breeding amphibians in residual and commercial developments in the northeastern United States. MCA Technical Paper No. 5, Metropolitan Conservation Alliance, Wildlife Conservation Society, Bronx, New York.

CAS, Inc. (Connecticut Archaeological Survey, Inc.) 1989. An Archaeological Survey of Route 11 in Salem, Montville, East Lyme, Waterford and New London, Connecticut. New Britain: Connecticut Archaeological Survey, Inc.

CAS, Inc. 1985. An Archaeological Sensitivity Study of the Proposed Route 11 Corridor in the Towns of Salem, Montville, East Lyme and Waterford, Connecticut. New Britain: Connecticut Archaeological Survey, Inc.

Center for Plant Conservation 2007. *Isotria medeoloides*
www.centerforplantconservation.org/ASP/CPC_ViewProfile.asp?CPCNum=2350

Clevenger, Anthony P. 1998. Permeability of the Trans-Canada Highway to Wildlife in Banff National Park: Importance of Crossing Structures and Factors influencing their Effectiveness. In: Proceedings of the International Conference on Wildlife Ecology and Transportation. Fort Meyers, FA. Florida State Department of Transportation February 10-12, 1998.

ConnDOT (State of Connecticut Department of Transportation) 2003. Connecticut Department of Transportation Highway Design Manual 2003 Edition.

ConnDOT 2000. Connecticut Department of Transportation Drainage Manual.

ConnDOT 1998. Highway Traffic Noise Impact Analysis and Abatement Policies and Procedures. July 14, 1998.

ConnDOT 1997. Route 2 Major Investment Study.

ConnDOT 1995a. Standard Specifications for Roads, Bridges, and Incidental Construction. Form 814A.

ConnDOT 1995b. Standard Specifications for Roads, Bridges, and Incidental Construction. Form 815.

ConnDOT 1994. Route 11 Transportation Corridor Analysis. ConnDOT Bureau of Policy and Planning, Division

of Intermodal Planning in Cooperation with the Southeastern Connecticut Council of Governments. December 1994. 37 pp.

ConnDOT 1990. Guidelines for Highway Design. January 1990.

ConnDOT, No Date. The Connecticut Bicycle Map.

ConnDOT/FHWA 1990. Administrative Route 11, Salem to Waterford, Connecticut, Final Environmental Impact Statement. Connecticut Department of Transportation. January 1990. 511 pp.

ConnDOT/FHWA 1986. Route 11, Salem to Waterford, Connecticut, Draft ConnDOT/FHWA 1986. Route 11, Salem to Waterford, Connecticut, Draft Environmental/Section 4(f) Statement. Connecticut Department of Transportation. March 1986. 210 pp.

CEQ (Council on Environmental Quality) 1997. *Considering Cumulative Effects Under the National Environmental Policy Act.*

CEQ 1996. Annual Report on the Environmental Quality of Connecticut. 46 pp.

Center for Transportation and the Environment (CTE). University of North Carolina, National Teleconference Program TC-31, Lessons Learned in Assessing Indirect and Cumulative Impacts of Transportation Projects, August 26, 2004.

CERC 2006. CERC Town Profiles 2006, Connecticut Economic Resource Center, Inc., www.cerc.com, Town Profiles, February, 2007.

Cowardin, Lewis M., Virginia Carter, Francis C. Golet, and Edward T. LaRoe, 1979. Classification of Wetlands and Deep Water Habitats of the United States. United States Department of the Interior. FWS/OBS-79/81. 131pp.

DECD (Connecticut Department of Economic and Community Development) 1998a. CEIS State/LMA/Town Unemployment Statistics. DECD Internet site www.state.ct.us/edc/research/ceis/jobs/unemployment/town.html. Source: CT Department of Labor. May 1998 data. July 15, 1998.

DECD 1998b. CEIS Housing Permits by Town. DECD Internet site www.state.ct.us/edc/research/ceis/housing/monthlytown.htm. Data through May 1998. July 15, 1998.

DECD 1998c. CEIS Per Capita Income for Connecticut. DECD Internet site www.state.ct.us/edc/research/ceis/income/pci.html. Source: DataCore Partners, Inc. 1996 data. July 10, 1998.

DECD 1998d. CEIS Per Capita and Median Household Income for Connecticut. DECD Internet site www.state.ct.us/edc/research/ceis/income/town.html. 1989 income data as reported in 1990 census. July 10, 1998.

DECD 1996. Connecticut Town Profiles 1996-1997. Rocky Hill, CT.

DECD 2004. Connecticut Housing Information: “Annual permits data by town 1990-2004,” “Housing inventory by town 1990-2004,” and “Annual housing inventory 1990-2004” obtained from www.ct.gov/ecd/cwp.

DECD 2005. Connecticut Town Profiles: 1998, 2002 and 2005. Obtained from www.ct.gov/ecd/cwp

DeGraaf, Richard M., and Deborah D. Rudis. 1987. New England Wildlife: Habitat, Natural History, and Distribution. Gen. Tech. Rep. NE-108. U.S. Department of Agriculture, Forest Service. Northeastern Forest Experiment Station. Revised June 1987. 491 pp.

DeGraaf, Richard M., Virgil E. Scott, R. H. Hamre, Liz Ernst; Stanley H. Anderson. 1991. Forest and Rangeland Birds of the United States. Natural History and Habitat Use. United States Department of Agriculture Forest Service Agriculture Handbook 688.

DeGraaf, Richard M., and Mariko Yamasaki. 2001. New England Wildlife: Habitat, Natural History, and Distribution. University Press of New England. Hanover New Hampshire. 482pp.

DEP (Connecticut Department of Environmental Protection) 2004. Connecticut's Endangered, Threatened, and Special Concern Species 2004, Connecticut Department of Environmental Protection, Hartford, CT.

DEP 2004. Connecticut Stormwater Quality Manual by The Connecticut Department of Environmental Protection, Hartford, CT.

DEP 2004. Connecticut's Endangered, Threatened and Special Concern Species. Revised 2004.

DEP 2002. Surface Water Quality Standards. Bureau of Water Management. December 17, 2002 55 pp.

DEP 2002. Guidelines for Soil Erosion and Sediment Control, DEP Bulletin 34. Connecticut Council on Soil and Water Conservation and the Connecticut Department of Environmental Protection, 2002.

DEP 1998a. Connecticut's Endangered, Threatened and Special Concern Species. Revised 1998. 19 pp.

DEP 1998b. Natural Diversity Database.

DEP 1997a. Active Solid Waste Landfill List. January 7, 1997.

DEP 1997b. Leaking Underground Storage Tank List. September 15, 1997.

DEP 1997c. List of Hazardous Waste Sites. October 10, 1997.

DEP 1997d. Registered Underground Storage Tank Sites List. October 10, 1997.

DEP 1996. Water Quality Standards. Bureau of Water Management. 47 pp.

DEP 1990. LANDSAT Thematic Map Satellite Imagery. Natural Resources Center.

DEP 1986. Water Quality Classifications, Thames River, Pawcatuck River, and Southeast Coast Basins. Bureau of Water Management, Planning and Standards Division. Adopted December 1986. Printed February 2, 1998. Sheet 3 of 3. Scale: 1:50,000.

DEP, No Date. Coastal Boundary Map. Scale 1:24,000.

- DEP, No Date. Coastal Resources Map. Scale 1:24,000.
- DEP Office of Long Island Sound Programs, 1972. Tidal Wetlands Mapping, Ecological Unit 57, Subdivision 1, Golden Spur, East Lyme, Waterford, Connecticut. Scale 1" = 200'. February, 1972.
- Dewar, R. E. and K. A. McBride 1992. Remnant Settlement Patterns. In Space, Time, and Archaeological Landscapes, edited by J. Rossignol and L. Wandsnider. New York: Plenum Press.
- Dincauze, D. 1976. The Neville Site. Peabody Museum Monographs No. 4. Harvard University: Cambridge Museum.
- Dincauze, D. 1975. The Late Archaic Period in Southern New England. *Arctic Anthropology* 12(2): 23-24.
- Dowhan, Joseph J. and Robert J. Craig. 1976. Rare and Endangered Species of Connecticut and Their Habitats. Connecticut Department of Environmental Protection. Report of Investigations No. 6.
- DPH (State of Connecticut Department of Public Health) 2006. Public Health Code, Standards for Quality of Public Drinking Water 6/1/2006.
- DPH (State of Connecticut Department of Public Health) 1998a. Colonial Center Non-Transient, Non-Community Water Supply System. Water Supplies Section. File data.
- DPH 1998b. Crystal Lake Condominiums Community Water Supply System. Water Supplies Section. File data.
- DPH 1998c. Deer Run Community Water Supply System. Water Supplies Section. File data.
- DPH 1998d. New London (PSG New London Utilities) Community Water Supply System. Water Supplies Section. File data.
- DPH 1998e. Salem Country Gardens Non-Transient, Non-Community Water Supply System. Water Supplies Section. File data.
- DPH 1998f. Salem, CT: Review of Plans and Specifications Pertaining to the Design of a New Public Water System for the Crystal Lake Condominium Association. Water Supplies Section files. April 24, 1998.
- DPH 1998g. Salem Market Place Non-Transient, Non-Community Water Supply System. Water Supplies Section. File data.
- DPH 1998h. Salem Town Center Non-Transient, Non-Community Water Supply System. Water Supplies Section. File data.
- DPH 1998i. Water Supplies Section, Salem, CT: Sanitary Survey of the Salem Town Center Non-Transient Non-Community Public Water System on March 5, 1998. Water Supplies Section files.
- DPH 1997. Montville, CT: Inspection of Deer Run Water Supply on June 20, 1997. Water Supplies Section files.
- DPH 1996a. Inspection of the Non-Transient Non-Community Public Water Supply at The Colonial Center on July

- 10, 1996. Water Supplies Section files.
- DPH 1996b. Salem, CT: Inspection of the Non-Transient Non-Community Public Water Supply at Salem Market Place on July 10, 1996. Water Supplies Section files.
- DPH 1993. Salem, CT: Inspection of the Non-Transient Non-Community Public Water Supply at the Salem Country Gardens on July 20, 1993. Water Supplies Section files.
- Earth Tech 1997. Evacuation Time Estimates for the Millstone Nuclear Station, Plume Exposure Pathway, Emergency Planning Zone. Prepared for Northeast Utilities, Hartford, Connecticut. August 1997.
- EDR Sanborn, Inc. 1998. Sanborn™ Map Report Inquiry # 223407-1. Prepared for Maguire Group, Inc. January 20, 1998.
- Ellison, Walter G. 1994. Cerulean Warbler: In: The Atlas of Breeding Birds of Connecticut. Louis Bevier, Editor: State Geological and Natural History Survey of Connecticut Department of Environmental Protection. Bulletin No. 113. Pages 76-77
- EPA (United States Environmental Protection Agency) 2004. MOBILE6.2 Vehicle Emission Modeling Software. EPA Internet site, <http://epa.gov/otaq/m6.htm#m60>.
- EPA 1998. MOBILE5.0b Model. EPA Internet site www.epa.gov/omswwww/.
- EPA 1997a. Environmental Response Notification System (ERNS). November 5, 1997.
- EPA 1997b. Federal Comprehensive Environmental Response, Compensation, and Liability Act (“Superfund”) Information System (CERCLIS). November 14, 1997.
- EPA 1997c. Federal Resource Conservation and Recovery Act Information System (RCRIS). Corrective Action List (RCRIS COR). November 14, 1997.
- EPA 1997d. Federal Resource Conservation and Recovery Act Information System (RCRIS). Generators List (RCRIS GEN). November 14, 1997.
- EPA 1997e. Federal Resource Conservation and Recovery Act Information System (RCRIS). Historical Register (RCRIS NLR). November 14, 1997.
- EPA 1997f. Federal Resource Conservation and Recovery Act Information System (RCRIS). Transfer, Storage and Disposal Facilities (RCRIS TSD). November 14, 1997.
- EPA 1997g. National Priority List (NPL) of CERCLA Sites. August 15, 1997.
- EPA 1995a. Model Change Bulletin, MCB#2, CAL3QHC. April 26, 1995.
- EPA 1995b. Model Change Bulletin, MCB#3, CAL3QHC. May 25, 1995.
- EPA 1995c. Model Change Bulletin, MCB#4, CAL3QHC. August 19, 1995.

EPA 1993. Model Change Bulletin, MCB#1, CAL3QHC. June 1, 1993.

EPA 1992. User's Guide to CAL3QHC Version 2.0: A Modeling Methodology for Predicting Pollutant Concentrations Near Roadway Intersections. EPA-454/R-92-006. November 1992. EPA Internet site www.epa.gov/omswww/.

EPA 1983. Results of the Nationwide Urban Runoff Program. PB84-185545 and PB84-185552.

EPA 1981. Handbook of Nonpoint Pollution.

Executive Order 13274 Indirect and Cumulative Impacts Work Group Draft Baseline Report, March 15, 2005, prepared by ICF Consulting, www.dot.gov/execorder/13274/workgroups/icireport.htm.

FEMA (Federal Emergency Management Agency) 1995a. Flood Insurance Rate Map, Town of East Lyme, New London County, Connecticut. Community Panel Numbers 090096 0001-0015.

FEMA 1995b. Flood Insurance Rate Map, Town of Montville, New London County, Connecticut. Community Panel Numbers 090099 0001-0016.

FEMA 1995c. Flood Insurance Rate Map, Town of Salem, New London County, Connecticut. Community Panel Numbers 090156 0001-0025.

FEMA 1995d. Flood Insurance Rate Map, Town of Waterford, New London County, Connecticut. Community Panel Numbers 090107 0001-0020.

FHWA (United States Federal Highway Administration) 2006. Interim Guidance on Air Toxic Analysis in NEPA Documents. www.fhwa.dot.gov/environment/airtoxic/020306guidapc.htm.

FHWA 2004. Traffic Noise Model (TNM) Version 2.5

FHWA 2003. Interim Guidance: Questions and Answers Regarding the Consideration of Indirect and Cumulative Impacts in the NEPA Process, January 2003, www.environment.fhwa.dot.gov/projdev/qaimpact.asp.

FHWA 2000. Federal Highway Administration's Engineering Evaluation of Route 82/85 Upgrade Alternatives, August 2000.

FHWA 1990. Pollutant Loadings and Impacts from Highway Stormwater Runoff. FHWA-RD-88-007.

FHWA 1990. Pollutant Loadings and Impacts from Highway Stormwater Runoff. Volume III Analytical Investigation and Research Report, FHWA-RD-88-008.

FHWA 1988a. National Cooperative Highway Research Program Report No. 310. September 1988.

FHWA 1988b. Retention, Detention, and Overland Flow for Pollutant Removal from Highway Stormwater.

FHWA 1983. STAMINA2.0/OPTIMA: User's Manual. Noise Barrier Cost Reduction Procedure. FHWA-DP-58-1. March 1983.

- FHWA 1980. Fundamentals and Abatement of Highway Traffic Noise (Chapter 5, Highway Noise Measurement), September 1980.
- FHWA 1978. Highway Noise Prediction Model. FHWA-RD-77-108. December 1978.
- FHWA. Sound Procedures for Measuring Highway Noise. FHWA-DP-45-1.
- Fogleman, Valerie M. 1990. Guide to the National Environmental Policy Act: Interpretations, applications, and compliance. Quorum Books, Westport, CT. 309 pp.
- Forman, Richard T. T.; Daniel Sperling; John A. Bissonette; Anthony P. Clevenger, Carol D. Cutshall; Virginia H. Dale; Lenore Fahrig; Robert France; Charles R. Goldman; Kevin Heanue; Julia A. Jones; Frederick J. Swanson; Thomas Turrentine; Thomas C. Winter. 2003. Road Ecology. Science and Solutions. Island Press. Washington. 481 pages.
- Forman, R. T. and Deblinger, R.D. 1998. The ecological road-effect zone for transportation planning and Massachusetts highway example. Pp. 78-96. FL-ER-69-98. Proceedings of the International Conference on Wildlife Ecology and Transportation, Florida Department of Transportation, Tallahassee.
- Forman, Richard T. 1995. Land Mosaics, The Ecology of Landscapes and Regions. Cambridge University Press. 632 pp.
- Franklin, Jerry F. 1988. Structural and Functional Diversity in Temperate Forests. In: Biodiversity. E. O. Wilson. Ed. National Academy Press. Washington, D.C.
- Freemark, Kathryn E., 1988. Convention of the Society of American Foresters, Rochester, NY. October 16-19, 1988. Landscape Ecology of Forest Birds in the Northeast.
- Goldsmith, Richard. 1967a. Geologic Quadrangle Maps of the United States, Bedrock Geologic Map of the Montville Quadrangle, New London County, Connecticut. U.S. Geological Survey, Washington, D.C.
- Goldsmith, Richard. 1967b. Geologic Quadrangle Maps of the United States, Bedrock Geologic Map of the Niantic Quadrangle, New London County, Connecticut. U.S. Geological Survey, Washington, D.C.
- Gosselink, James G. and William J. Mitsch, 1986. Wetlands. Van Nostrand Reinhold. 537 pp.
- Hammer, Donald A. 1992. Creating Freshwater Wetlands. Lewis Publishers. 298 pp.
- Harper, M.G., J. Hartman-Brodeur, B. Jones, and B. Clouette 1998. Town-Wide Archaeological Assessment Survey, Waterford, Connecticut. Prepared for the Town of Waterford. Storrs, CT: PAST, Inc.
- Hilsenhoff, W.L. 1987. An improved biotic index of organic stream pollution. Great Lakes Entomologist 20:31-39.
- Hoffman, C. 1985. Revising the Late Archaic Period in Southern New England. Archaeology in Eastern North America. 13 : 58-78.
- Hollingsworth, Robert W. 1988. Fish Habitat and Forest Fragmentation. In: Is Forest Fragmentation a Management Issue in the Northeast? Compiled by: Richard M. DeGraaf and William M. Healy Papers

- from the technical session sponsored by the wildlife and fish ecology working group society of American Foresters' Annual Convention. October 19, 1988, Rochester, NY. USDA Forest Service Northeastern Forest Experiment Station. 32 pp.
- Jones, B. D., D. Forrest and T. Binzen 1997. Phase III Archaeological Investigations of Sites 97-71 and 97-72, Newtown Sewage Treatment Project. Prepared for Fuss and O'Neill Engineers. Storrs, CT: PAST, Inc.
- Karr, James R. 1991. Biological Integrity: A Long-neglected aspect of water resource management. In: Ecological Applications. Ecological Society of America. 1(1): 68-84.
- Kaseoru, H. Ivar. 1980. A Study of the Chemical Reactivity to Water of Selected Connecticut Rock Strata. The University of Connecticut. June 1980.
- Klemens, Michael W. 1993. Amphibians and Reptiles of Connecticut and Adjacent Regions, Department of Environmental Protection Geological and Natural History Survey of Connecticut, Bulletin No. 112.
- Kobriger, N. P. 1984. Sources and Mitigation of Highway Runoff Pollutants. Volume I. FHWA/RD-84/057, Federal Highway Administration, Washington, D.C.
- Kunz, Thomas H. and L. Lumsden, 2003. Ecology of Cavity and Foliage Roosting Bats. In: Bat Ecology. Thomas H. Kunz and M. Brock Fenton Eds. The University of Chicago Press. Chicago, IL. 779 pp.
- Lavin, L. and L. Russell 1985. Excavation of the Burwell-Karako Site: New Data on Cultural Sequences and Artifact Typologies in Southern New England. Archaeological Society of Connecticut Bulletin 48: 45-75.
- Litvaitis, J.A. 1993. Response of early successional vertebrates to historic changes in land use. Conservation Biology 7:866-873.
- Lovejoy, T.E., R.O. Bierregaard, Jr., A.B. Rylands, J.R. Malcolm, C.E. Quintela, L.H. Harper, K.S. Brown, Jr., A.H. Powell, G.V.H. Powell, H.O.R. Schubart, and M.B. Hays. 1986. Edge and other effects of isolation on Amazon forest fragments. In M. Soule', ed. Conservation Biology: The Science of Scarcity and Diversity. Pages 251-285. Sinauer Associates, Sunderland, Massachusetts, USA.
- Lundgren, Lawrence Jr. 1966. The Bedrock Geology of the Hamburg Quadrangle with Map. State Geological and Natural History Survey of Connecticut. Quadrangle Report No. 19.
- McBride, K.A. 1984. Prehistory of the Lower Connecticut River Valley. Ph.D. dissertation, University of Connecticut.
- Meade, Daniel B. 1978. Groundwater Availability in Connecticut. Natural Resources Center. State of Connecticut Department of Environmental Protection, in cooperation with the United States Geological Survey Connecticut Geologic and Natural History Survey. 1:125,000 scale map.
- Metzler, Kenneth J., and Ralph W Tiner. 1992. Wetlands of Connecticut. State Geological and Natural History Survey of Connecticut, in cooperation with USFWS National Wetlands Inventory. Report of Investigations No. 13. 115 pp.

Metzler, Kenneth J. 1980. Lichens and Air Pollution: A Study in Connecticut. State Geological and Natural History Survey of Connecticut. Report of Investigations No. 9. 30 pp.

Murphy, Dennis D. 1988. Challenges to Biodiversity in Urban Areas. In: Biodiversity. E. O. Wilson. Ed. National Academy Press. Washington, D.C.

National Park Service 1992. National Register Bulletin 41.

Natureserve 2007. www.natureserve.org .

NEDMTC (New England DataMap Technology Corporation) 1998. Environmental First Search™ Report: Oakdale, CT and Waterford, CT. Prepared for Maguire Group, Inc. February, 1998.

Nikula, Blair, Jennifer L. Loose, and Matthew R. Burne. 2003. A Field Guide to the Dragonflies and Damselflies of Massachusetts. Massachusetts Division of Fisheries and Wildlife. Natural Heritage and Endangered Species Program.

Northeast Utilities, No Date. Emergency Planning at Connecticut's Nuclear Power Plants, A Guidebook for Our Neighbors. Pamphlet. Prepared in cooperation with the State of Connecticut Office of Emergency Management. 18 pp.

OPM. Conservation and Development, Policies Plan for Connecticut, 2005-2010. OPM Intergovernmental Policy Division, Hartford, CT. 111 pp.

OPM 1998. Conservation and Development, Policies Plan for Connecticut, 1998-2003. OPM Policy Development and Planning Division, Hartford, CT. 141 pp.

OPM 1998. Connecticut Conservation and Development Policies Plan, 1998-2003, Locational Guide Map. PDPD/Physical Resources Unit, Hartford, CT. Scale 1:200,000. May 1998.

OPM (State of Connecticut Office of Policy and Management) 1995. Connecticut Population Projections Series 95.1, Population Projections for Connecticut and its Municipalities, September 1995.

Payne, Neil F. 1992. Techniques for Wildlife Habitat Management of Wetlands. McGraw Hill, Inc. New York. 549 pp.

Payne, Neil F. and Bryant, Fred C. 1994. Techniques for Wildlife Habitat Management of Uplands. McGraw-Hill, Inc. 1994. 552pp.

Phillips, Mike. 1999. Wildlife Management on Arterial Highways in New Brunswick. *In*: Proceedings of the International Conference on Wildlife Ecology and Transportation (ICOWET III). Missoula, Montana.

Price and Lee 1988, 1981, 1977, 1972, 1968, 1966, 1962, 1959. Waterford, Connecticut City Directories.

Price and Lee 1979, 1976, 1974, 1972, 1970, 1968. Montville, Connecticut City Directories.

Ranney, J.W. 1977. Forest island edges - their structure, development and implication to regional forest ecosystem

dynamics. EDFB/IBP-77-1. Oak Ridge National Laboratory, Oak Ridge, TN.

Reijnen, Rien, Rudd Foppen, Cajo Ter Braak and Johan Thissen. The Effects of Car Traffic on Breeding Bird Populations in Woodland. III. Reduction of Density in Relation to the Proximity of Main Roads. *Journal of Applied Ecology*. 1995 32:187-202.

Road Haestad, Inc. 1991. Comprehensive Water Supply Plan for the New London Water and Water Pollution Control Authority (now known as PSG New London Utilities).

Rosenberg, K.V. and Raphael, 1986. Effects of forest fragmentation on vertebrates in Douglas-fir forests. pp. 263-271 *In: Wildlife 2000*. J. Verner, M.L. Morrison, and C.J. Ralph eds. Univ. Wisconsin Press, Madison WI.

Route 11 GAC 2005. Route 11 Greenway Authority Commission. Route 11 Greenway Development Plan, Adopted 22 September 2005.

SCCOG (Southeastern Connecticut Council of Governments) 2004. Regional Transportation Plan – FY2004-2005 for Southeastern Connecticut.

SCCOG 2002. Housing a Region in Transition: An Analysis of Housing Needs in Southeastern Connecticut, 2000-2005, April 2002.

SCCOG 1998. Southeastern Connecticut Regional Transportation Plan, updated for FY 1998.

SCCOG 1997. Regional Conservation and Development Policy Guide for Southeastern Connecticut. Norwich, Connecticut. Adopted October 15, 1997. 14 pp. plus map.

Schiffer, M. B. 1987. Formation Processes of the Archaeological Record. University of Utah Press: Salt Lake City.

Schueler, Thomas R. 1996. Design of Stormwater Pond Systems. Center for Watershed Protection.

Schueler, Thomas R. 1987. Controlling Urban Runoff: A Practical Manual for Planning and Designing Urban Best Management Practices (BMPs). Metropolitan Washington Council of Governments.

SEAT (Southeast Area Transit District) 1997. A System in Transition. Adopted September 30, 1997. 63 pp.

Soulsby, M. and B. Clouette 1996. Archaeological Survey of the Reconstruction of Routes 82 and 85, Salem and Montville, Connecticut. Storrs: PAST, Inc. Prepared for the Connecticut Department of Transportation.

Stacy, M. 1935. "Head of River District, Now Known as Golden Spur, One With Much Colonial History," *New London Day*, September 5.

State of Connecticut 1997. State of Connecticut Register and Manual. Secretary of the State. Hartford, CT.

State of Connecticut 2006. State of Connecticut Register and Manual. Secretary of the State. Hartford, CT, (<http://www.sots.ct.gov/RegisterManual/SectionVII/towngrandlist.htm>)

Stone, J. R., J. P. Schafer, E. H. London, and W. B. Thompson, 1992. Surficial Materials Map of Connecticut. U.S. Department of the Interior. U.S. Geologic Survey, Prepared in Cooperation with the Department of Environmental Protection Geologic and Natural History Survey. 1:125,000 scale map.

Sutter, Greg and Robert Francisco. 1998. Vernal pool Creation in the Sacramento Valley: A Review of the Issues Surrounding Its Role as a Conservation Tool. In: C.W. Whitman, E. T. Bauder, D. Belk, W.R. Ferren Jr., and R. Ornduff (Editors). Ecology, Conservation, and Management of Vernal pool Ecosystems – Proceedings from a 1996 Conference. California Native Plant Society, Sacramento, CA. 1998.

Thomas, Jr., C.E., M.A. Cervione, Jr., and I.G. Grossman, 1968a. Hydrogeologic Data for the Lower Thames and Southeastern Coastal River Basins, Connecticut. Connecticut Water Resources Bulletin No. 16. U.S. Geological Survey, in cooperation with the Connecticut Water Resources Commission.

Thomas, Jr., C.E., M.A. Cervione, Jr., and I.G. Grossman, 1968b. Water Resources Inventory of Connecticut, Part 3, Lower Thames and Southeastern Coastal River Basins, Connecticut. Connecticut Water Resources Bulletin No. 15. U.S. Geological Survey, in cooperation with the Connecticut Water Resources Commission.

Thomas, J.W., C. Maser, and J.E. Rodiek. 1979. Edges. In: Wildlife Habitats in Managed Forests: The Blue Mountains of Oregon and Washington. U.S. Forest Service Agricultural Handbook 553. J.W. Thomas Technical Ed., Portland OR.

Town of East Lyme 1999. 1999 Plan of Conservation and Development.

Town of East Lyme 1998. Town of East Lyme, Zoning Regulations. Adopted May 4, 1954. Amended through March 13, 1998. Effective March 13, 1998. 160 pp.

Town of East Lyme 1987. Plan of Development, Town of East Lyme, Connecticut. Adopted July 7, 1987. 123 pp. plus map.

Town of Montville 1997. Town of Montville, Zoning Regulations, 1996. Adopted December 6, 1996. Amended October 11, 1997.

Town of Montville 1996. Plan of Development, Montville, Connecticut, 1985. Updated 1996.

Town of Montville. 1997. *Plan of Conservation and Development*.

Town of Salem 2002. Plan of Conservation and Development, Salem Connecticut, Adopted February 12, 2002, Prepared for The Salem Planning and Zoning Commission by The Plan of Conservation and Development Subcommittee.

Town of Salem 1991. Plan of Development, Salem, Connecticut. Prepared for the Salem Planning and Zoning Commission by the Southeastern Connecticut Regional Planning Agency. Adopted June 25, 1991. Effective July 8, 1991. 73 pp. plus map.

Town of Waterford 1998. Town of Waterford, Connecticut, Zoning Regulations. Revised April 15, 1998.

Town of Waterford 1998. Draft Plan of Preservation, Conservation & Development. Final Draft-April 1998. 101 pp.

Town of Waterford 1997. Draft Plan of Conservation & Development. Third Draft. October 1997. 96 pp.

Transportation Research Board (TRB). National Cooperative Highway Research Program (NCHRP). Desk Reference for Estimating the Indirect Effects of Proposed Transportation Projects, NCHRP 466, Prepared by The Louis Berger Group, Inc., 2002.

TRB 2000. Highway Capacity Manual.

TRB 1994. Highway Capacity Manual.

TRB 1993. Stormwater Management for Transportation Facilities. No. 174.

USFWS (U.S. Fish and Wildlife Service) 1991. National Wetlands Conservation Plan. U.S. Department of the Interior. June 1991 ed. 56 pp.

US Census Bureau. 1990. *Census 1990 Summary File 1 (SF1)*. Obtained from factfinder.census.gov.

US Census Bureau. 2000. *Census 2000 Summary File 1(SF1) and 3 (SF3)*. Obtained from factfinder.census.gov.

USCEQ (United States Council on Environmental Quality) 1993. Incorporating Biodiversity Considerations Into Environmental Impact Analysis Under the National Environmental Policy Act. Executive Office of the President. 29 pp.

USDA (United States Department of Agriculture) 1985. Diagnosing Injury to Eastern Forest Trees. USDA Forest Service National Acid Precipitation Assessment Program, Forest Responses Program, Vegetation Survey Research Cooperative.

USDA 1983. Soil Survey of New London County Connecticut. Soil Conservation Service In cooperation with Connecticut Agricultural Experiment Station and Storrs Agricultural Experiment Station. Issued June 1983. 154 pp. plus maps.

US Department of Transportation Bureau of Transportation Statistics. 2000. Database: Census Transportation Planning Package Part 3. Obtained from www.transtats.bts.gov.

USGS (United States Geological Survey) 1984. Topographic 7.5 Minute Quadrangle Map, Hamburg, Connecticut. 1961. Photorevised 1984. Scale 1:24,000.

USGS 1984. Topographic 7.5 Minute Quadrangle Map, Montville, Connecticut. Photorevised 1984. Scale 1:24,000.

USGS 1983. Topographic 7.5 Minute Quadrangle Map, Niantic, Connecticut-New York. 1983. Scale 1:24,000.

Veenbaas, G. and G.J. Brandjes. 1999. The use of fauna passages along waterways under motorways. In: Key Concepts in Landscape Ecology. J.W. Dover and R.G.H. Bunce, 315-320. International Association for Landscape Ecology. Preston, England.

- Wales, B. A. 1972. Vegetation analysis of north and south edges in a mature oak-hickory forest. *Ecological Monographs* 42: 451-471.
- Wanielista, Martin and Yousef A. Yousef, 1993. *Stormwater Management*. John Wiley and Sons, New York, NY. 579 pp.
- Wetzel, Robert G. 1983. *Limnology*. 2nd ed. Saunders College Publishing, Philadelphia, PA. 767 pp.
- Whitworth, Walter R. 1996. *Freshwater Fishes of Connecticut*. State Geological and Natural History Survey of Connecticut. Bulletin No. 114. 243 pp.
- Wilcove, David. 1990. Empty Skies. *The Nature Conservancy Magazine*. Volume 40, Number 1, January/February 1990. pp. 4-13.
- Wilcove, David. 1988. Forest Fragmentation as a Wildlife Management Issue in the Eastern United States. In: *Is Forest Fragmentation a Management Issue in the Northeast? Papers from the technical session sponsored by the Wildlife and Fish Ecology Working Group Society of American Foresters' Annual Convention October 19, 1988, Rochester, NY*. Compiled by Richard M. DeGraaf and William M. Healy USDA Forest Service Northeast Forest Experiment Station.
- Wilcove, D.; C. McLellan; and A. Dobson. 1986. Habitat Fragmentation in the Temperate Zone. In: *Conservation Biology: the science of scarcity and diversity*. Soule, M. (ed.) Sinauer Associates, Sunderland, MA.

References - Unpublished - Telephone Memoranda / Meetings

- Askins, Robert A. Department of Zoology, Connecticut College, New London, CT. June 19, 1998.
- Bingham, David. Salem Land Trust and Planning and Zoning Commission, Salem, CT. RE: Protected lands and potential development areas, June 2006.
- Burnett, David. Salem Country Gardens. RE: Water supply wells. June 1998.
- ConnDOT 2007. Connors, Michael, Transportation Supervising Planner. Memorandum regarding comparison of recent traffic volume data with 1999 DEIS traffic projections, March 26, 2007.
- Dippel, Joseph J. State of Connecticut Department of Agriculture, Farmland Protection Program, Hartford, CT. July 27, 1998.
- Hagstrom, Neal. DEP Fisheries Division. RE: Fisheries and water quality data for Latimer Brook. June 1998.
- Marshall-Baker, Debralyn. PSG-New London Utilities. RE: Public water supply system. March 26, 1998; April 24, 1998.
- McVey, Shawn. USDA. Natural Resources Conservation Service, Storrs, CT. June 24, 1998.

Moorhead, William H. III. Consulting Field Biologist/Ecologist. RE: small whorled pogonia, July 2007.

SCCOG, SEAT, KKO. Meeting with Dick Guggenheim and Jamie Rabbitt of SCCOG, Tom Kirker of SEAT, Geoff Slater KKO. RE: corridor needs and potential transit alternatives. March 4, 1998.

Stone, Janet. U.S. Geological Survey, Connecticut Office. RE: Pyritic Bedrock Units. June 1998.

Walden, Cameron. DPH Water Supply Section. RE: Non-transient, non-community public water supply systems. June 1998.

Warzecha, Bill. DEP. RE: Historic problems with leachate from rock cuts. July 1998.

List of Additional Studies and Reports Prepared by ConnDOT

Impact Minimization Study, June 25, 1999

Community-sensitive Upgrade Study, February 2000

E₍₄₎m Variation Study, July 2001

Draft Statement of Wetland and Wildlife Habitat Blocks Impacts and Compensation Plan, March 2003

Biological Survey Report, February 2006

Seasonal Pool Inventory and Evaluation, 2006

Mitigation and Compensation Framework, April 2006.

Technical Report – Induced Growth Analysis for the Preferred Alternative, July 2007

Cumulative Impacts Analysis, 2007