

# **APPENDIX F**

## ***Supporting References***



**DRAFT ENVIRONMENTAL ASSESSMENT  
PROPOSED EXTENSION OF RUNWAY 6-24**

**ERIE INTERNATIONAL AIRPORT – TOM RIDGE FIELD  
MARCH 2005**

**APPENDIX F  
SUPPORTING REFERENCES**

A variety of supporting documentation was utilized during the course of this EA, including methodologies, regulations, sources, and other reference materials as detailed below:

7 CFR 658 - *Farmland Protection Act*, dated January 1987

14 CFR 77 - *Objects Affecting Navigable Airspace*, dated February 1965

14 CFR 139 - *Certification and Operations: Land Airports Serving Certain Air Carriers*, dated November 1987

14 CFR 150 - *Airport Noise Compatibility Planning*, dated December 1984

15 CFR 930 - *Federal Consistency with Approved Coastal Management Programs*, dated December 2000

23 CFR 771 - *Environmental Impact and Related Procedures*, dated August 1987

33 CFR 322 - *Permits for Structures or Work in or Affecting Navigable Waters of the United States*, dated November 1986

33 CFR 328 - *Navigation and Navigable Waters*, dated November 1986

36 CFR 800 - *Protection of Historic Properties*, dated December 2000

40 CFR 93 - *Determining Conformity of Federal Actions to State or Federal Implementation Plans*, dated November 1993

40 CFR 261 - *Identification and Listing of Hazardous Waste*, dated May 1980

40 CFR 302 - *Designation, Reportable Quantities, and Notification*, dated April 1985

- 40 CFR 1500-1518 – *Council on Environmental Quality*
- 25 PAC 93 - *Water Quality Standards*, dated October 1979
- 25 PAC 102 - *Erosion Control*, dated October 1972
- 25 PAC 105 - *Dam Safety and Encroachments Act*, dated September 1980
- 25 PAC 271-299 - *Solid Waste Management Act*
- 35 PAC 691 - *Pennsylvania Clean Streams Law*
- 16 USC 461-470 - *Archaeological and Historic Preservation Act*, dated 1974
- 16 USC 661 - *Declaration of Purpose, Cooperation of Agencies, Surveys, Investigations, and Donations*, dated August 1958
- 16 USC 1271-1287 - *Wild and Scenic Rivers Act*, dated October 1968
- 16 USC 1531-1544 - *Endangered Species Act*, dated October 1988
- 16 USC 3501 - *Coastal Barriers Resources Act*, dated October 1982
- 23 USC 134 - *Metropolitan Planning*, dated July 1998
- 23 USC 144 - *Highway Bridge Replacement and Rehabilitation Program*, dated July 1998
- 33 USC 403 - *Rivers and Harbors Act*, dated March 1899
- 33 USC 1251-1387 - *Federal Water Pollution Control Act*, dated 1996
- 42 USC 4601-4655 - *Federal Uniform Relocation Assistance Act*, dated April 1987
- 42 USC 9601 - *Definitions*, dated January 2002
- 49 USC 303 - *Policy on Lands, Wildlife, Waterfowl Refuges, and Historic Sites*, dated April 1987
- 49 USC 47106 - *Project Grant Application Approval Conditioned on Satisfaction of Project Requirements*, dated April 2000
- A Field Guide to Eastern Trees*, as prepared by George A. Petrides and Janet A. Wehr, dated 1988
- A Historic Resources Protection Plan for the Lake Erie Coastal Zone*, as prepared by Renata Woly nec and David Brose, dated 1983
- A History of Pennsylvania*, as prepared by Philip S. Klein and Ari Hoogenboom, dated 1986

- A Hypothesis for the Use of Cryptocrystalline Raw Materials among Paleo-Indian Groups of North America*, as prepared by Albert C. Goodyear, dated 1989
- A Management Plan for Delaware's Prehistoric Cultural Resources*, as prepared by Jay F. Custer, dated 1986
- A Perspective on Prehistoric Trade and Exchange in the Middle Atlantic Region*, as prepared by R. M. Stewart, dated 1984
- A Stratified Paleo-Indian-Archaic Site in the Upper Delaware Valley of Pennsylvania*, as prepared by Charles W. McNett and Shawnee Minisink, dated 1985
- A Twentieth Century History of Erie County, Pennsylvania*, as prepared by John Miller, dated 1909
- Aerial Photography of Millcreek Township, dated 1993 and 2001
- Airport Layout Plan*, as prepared by C&S Engineers, dated 1990
- American Disabilities Act*, dated January 1990
- An Examination of Cultural Change in the Late Pleistocene and Early Holocene (circa 9200-6800 B.C.)*, as prepared by W.M. Gardner, dated 1989
- ASTM E 1527-00 - *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, dated May 2000
- Atlas of Erie County, Pennsylvania*, as prepared by F.W. Beers, dated 1865
- Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania*, as prepared by Thomas M. Berg, dated 1980
- Buffalo and Lake Erie Traction Company*, as prepared by William Reed Gordon, dated 1977
- City Directory for the City of Erie, dated 1990
- Civil Rights Act*, dated July 1964
- Classification of Wetlands and Deepwater Habitats of the United States, Report No. FWS/OBL-97/31*, as prepared by the United States Department of the Interior - Fish and Wildlife Service, dated December 1979
- Clearfield County Soil Maps and Description of Mapping Units*, as prepared by the United States Department of Agriculture - Natural Resources Conservation Service.
- Combination Atlas Map of Erie County, Pennsylvania*, as prepared by Everts, Ensign & Everts, dated 1876

*Coming into the Country: Early Paleo-Indian Hunting and Mobility*, as published within American Antiquity 53(2):231-244, dated 1988

*Delaware Valley Middle Archaic*, as prepared by Michael Stewart and John Cavallo, dated 1991

*Design Analysis Report for Millcreek Dumpsite Cap Construction and Flood Retention Basin*, as prepared by Malcolm & Pirnie, dated 1991

*DOCKET No. III-92-3-DC*, as prepared by the United States Environmental Protection Agency, dated 1992

*DRAFT FINAL Air Quality Study Technical Report for Erie International Airport*, as prepared by C&S Engineers, dated December 2003

*DRAFT FINAL Airport Drainage Master Plan for Erie International Airport*, as prepared by C&S Engineers, Inc., dated 2002

*DRAFT FINAL Airport Master Plan for Erie International Airport*, as prepared by C&S Engineers, dated 2002

*DRAFT FINAL Description and Analysis of Alternatives Technical Report for Erie International Airport*, as prepared by C&S Engineers, dated December 2002

*DRAFT FINAL Environmental Justice Technical Report for Erie International Airport*, as prepared by C&S Engineers, dated December 2003

*DRAFT FINAL Natural Resources Technical Report for Erie International Airport*, as prepared by C&S Engineers, dated November 2003

*DRAFT FINAL Purpose and Need Technical Report for Erie International Airport*, as prepared by C&S Engineers, dated November 2003

*DRAFT FINAL Runway 6-24 Safety Area Financial Feasibility Analysis for Erie International Airport*, as prepared by C&S Engineers, dated May 2004

*DRAFT FINAL Section 4(f) Evaluation Technical Report for Erie International Airport*, as prepared by C&S Engineers, dated November 2003

*DRAFT FINAL Waste Site Evaluation Technical Report for Erie International Airport*, as prepared by C&S Engineers, dated December 2003

*DRAFT Phase I Archaeological Identification Survey Report for Erie International Airport*, as prepared by McCormick, Taylor & Associates, dated 2002

*Early New World Settlers Rise in East*, as published within Science News 157(16):244, dated 2000

*Enhanced Mutual-Aid Response and Assistance Report to the Board of Directors*, as prepared by the Mutual-Aid Task Force Committee, dated May 2002

EO 11988, *Floodplain Management*, dated May 1977

EO 11990, *Protection of Wetlands*, dated May 1977

EO 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, dated February 1994

EO 13045, *Protection of Children from Environmental Health Risks and Safety Risks*, dated April 1997

*Erie County Atlas*, as prepared by O.M. Leran and Isaac W. Moore, dated 1855

*Erie County Important Farmlands List*

*Erie International Airport Master Plan prepared for the Erie Municipal Airport Authority*, as prepared by Coffman Associates, dated 1990

*Erie Metropolitan Transportation Study, Long Range Plan Update*, as prepared by the Metropolitan Planning Organization, dated 1998

Erie Times News article entitled "*Weather Forces Construction Delay for Golf Course on Superfund Site*," as prepared by Deborah McQuaid, dated 2000

*Erie: Chronicle of a Great Lakes City*, as prepared by Edward Wellejus, dated 1980

*Executed Consent Order and Agreement between Millcreek Township and the Pennsylvania Department of Environmental Protection*, in the matter of the Millcreek Dumpsite, dated 2000

FAA AC 150/2500-33

FAA AC 150/5060-5 - *Airport Capacity and Delay*, dated September 1983

FAA AC 150/5200-30A - *Airport Winter Safety and Operations*, October 1991

FAA AC 150/5300-13 - *Airport Design - Change 6*, dated September 2000

FAA AC 150/5300-13 - *Airport Design - Change 7*, dated October 2002

FAA AC 150/5300-13 - *Airport Design*, dated September 1986

FAA AC 150/5325-4A - *Runway Length Requirements for Airport Design*, dated January 1990

FAA AC 150/5360-9 - *Planning and Design of Airport Terminal Facilities at Non-Hub Locations*, dated April 1980

FAA AC 150/5370-10A - *Standards for Specifying Construction of Airports*, dated February 1989

FAA AC 70/7460

FAA AC 70/7460-16

FAA AC 70/7460-1K - *Obstruction Marking and Lighting*, dated August 2000

FAA Form 5010 - *Airport Data and Contact Information*, dated December 1999

FAA Order 1050.1D - *Environmental Impacts: Policies and Procedures*

FAA Order 1050.1E - *Draft Environmental Impacts: Policies and Procedures*

FAA Order 5050.4A - *Airport Environmental Handbook*

FAA Order 5200.8 – *Runway Safety Area Program*, dated October 1999

FAA Order 5200.9 – *Financial Feasibility and Equivalency of Runway Safety Area Improvements and Engineered Material Arresting Systems*, dated March 2004

FAA Order 7031.2C - *Airway Planning Standard Number One - Terminal Air Navigation Facilities and Air Traffic Control Services*, dated November 1984

*Fairview Township Zoning Ordinance*, dated 1999

*FAR Part 150 Noise Compatibility Study - Noise Exposure Maps for Erie International Airport*, dated 1989

*Federal Coastal Zone Management Act of 1972*

Federal Register, April 1997

*Field Guide to Nontidal Wetland Identification*, as prepared by Ralph W. Tiner, dated April 1988

*FINAL Airport Master Plan for Erie International Airport*, as prepared by C&S Engineers, Inc., dated 2003

*FINAL Airport Master Plan Phase I Report for Erie International Airport*, as prepared by C&S Engineers, Inc., dated 2000

*FINAL Airport Master Plan Phase II Report for Erie International Airport*, as prepared by C&S Engineers, Inc., dated 2001

*FINAL FAR Part 150 Noise Compatibility Program for Erie International Airport*, dated 1990

*FINAL FAR Part 150 Noise Compatibility Program UPDATE for Erie International Airport*, dated 2001

*Final Grade and Wetland Mitigation/Borrow Area Plan - Sheet 2 of 2 for the Millcreek Dumpsite*, prepared by D'Appolonia, dated 1999

*FINAL Market Study Report for the City of Erie*, as prepared by HNTB

*FINAL Obstruction Evaluation Report for Erie International Airport*, as prepared by C&S Engineers, dated January 2002

*Freshwater Wetlands - A Guide to Common Indicator Plants of the Northeast*, as prepared by Dennis W. Magee, dated 1981

*From Tree to Greenspace, Building Environmentally Friendly Golf Courses*, as published within City & County 115(14), dated October 2000

*Geologic Map of Pennsylvania*, as prepared by the Pennsylvania Department of Conservation and Natural Resources - Bureau of Topographic and Geologic Survey

*Grasses - Identification Guide*, as prepared by Laren Brown, dated 1979

*Gray's Manual of Botany: Eighth Edition - Illustrated*, as prepared by Merrit and Lyndon Fernald, dated 1987

*Groundwater Atlas of the United States - Chapter HA 730-L*, as prepared by the United States Geologic Survey

*History of Erie County, Pennsylvania*, as prepared by John Elmer Reed, dated 1925

Hydric Soils Lists for Erie County

Hydric Soils Lists for Pennsylvania

*Impact Study - Powell Avenue Closure Report*, as prepared by Emergency Services Education & Consulting Group, dated July 2002

*Indian Paths of Pennsylvania*, as prepared by Paul A. Wallace, dated 1998

*Indian Villages and Place Names in Pennsylvania*, as prepared by George P. Donehoo, dated 1977

*Late Archaic Cultural Dynamics in the Central Middle Atlantic Region*, as published within the Journal of Middle Atlantic Archaeology 4:39-59, dated 1988

Letter from J.M. Frazier, US Air, to Kelly Fredericks, Erie International Airport, dated 1990

*Meadowcraft Rockshelter, 1977: An Overview*, as published within American Antiquity 43(4):632-651, dated 1978

*Memorandum Regarding Construction of Golf Course and Remedial Action*, prepared by the Millcreek Dumpsite Group and Millcreek Township, dated 2000

*Middle Department Rating Association. Protected Sections Map: Millcreek Township, Erie County, Pennsylvania. (1938).*

*Millcreek Dumpsite - Hazardous Waste Site Cleanup Website, as prepared by the United States Environmental Protection Agency, dated 2000*

*Millcreek Township Zoning Ordinance, dated 1999*

*Mountform Terminal Tonnage Report, dated January-April 2000*

*Munsell Soil Color Chart, as prepared by Macbeth Division of Kollmargen Instruments, dated 1994*

*National List of Plant Species that Occur in Wetlands, as prepared by P.E. Reed Jr., dated 1988*

*National Park Service, National Register Bulletin 15: "How to Apply the National Register Criteria for Evaluation." Washington, D.C.: National Park Service, U.S. Government Printing Office, 1991.*

*Nationwide Rivers Inventory, as prepared by the National Center for Recreation and Conservation, dated January 2004*

*Nelson's Biographical Dictionary and Historical Reference Book of Erie County, Pennsylvania, as prepared by S.B. Nelson, dated 1896*

*Newcomb's Wildflower Guide, as prepared by L. Newcomb, dated 1977*

*NFPA 1710 - Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments, dated 2001*

*NRCS TR 20 - Hydraulics and Hydrology, dated 1992*

*NRCS TR 55 - Urban Hydrology for Small Watersheds, dated June 1986*

*Pennsylvania Coastal Zone Management Program - Guidance Document, dated 1999*

*Pennsylvania Department of Transportation - Design Manual Part 2, dated July 2002*

*Pennsylvania Department of Transportation - Section 4(f) Handbook (March 1998).*

*Pennsylvania Scenic Rivers Act, dated May 1982*

*Peterson Field Guides - Ferns, as prepared by Boughton Cobb, dated 1984*

*Peterson Field Guides - Wildflowers of Northeastern/North-Central North American, as prepared by Margaret McKenny and Roger Tory Peterson, dated 1996*

*Phase I Environmental Site Assessment for the Powell Avenue Project*, prepared by McCormick, Taylor & Associates, dated 2002

*Prehistoric Cultural History*, as prepared by William C. Johnson and Edward J. Siemon, dated 1991

*Prehistoric Cultures of Eastern Pennsylvania*, as prepared by Jay F. Custer, dated 1996

*Prehistoric Settlement/Sustenance Patterns and Testing of Predictive Site Models in the Great Valley of Maryland*, as prepared by R.M. Stewart, dated 1982

*Prehistoric Site Locations on the Unglaciated Appalachian Plateau*, as prepared by Michael Stewart and Judson Kratzer, dated 1989

President's 1979 Environmental Message Direction on Wild and Scenic Rivers

*Priority Risk Report for Powell Avenue Improvement Project*, prepared by EcoSearch Environmental Resources, dated 2000

*Projectile Point Typology for Pennsylvania*, as prepared by Gary L. Fogelman, dated 1986

Public Law 97-248 - *Airport Improvement Act*, dated 1982

*Railroads of Pennsylvania*, as prepared by Thomas T. Taylor, dated 1987

*Record of Decision (EPA/541/R-97/149)*, as prepared by the United States Environmental Protection Agency - Region III, dated 1997

*Record of Decision (EPA/ROD/R03-86/023)*, prepared by the United States Environmental Protection Agency - Region III, dated 1986.

*Recreation, Park, and Open Space Standards and Guidelines*, as prepared by R.A. Lancaster, dated 1990

*Remedial Investigation/Feasibility Study Report for Millcreek Dumpsite*, prepared by NUS Corporation, dated 1985

*Report to the Pennsylvania Department of Environmental Protection*, as prepared by the Environmental Justice Work Group, dated June 2001

*Returning Sites to Productive Use: Pennsylvania Superfund Success Stories*, as prepared by the United States Environmental Protection Agency, dated 1999

*Scoping Letter*, as prepared by the Federal Aviation Administration Airport District Office, dated February 2001

*Section 4(f) Policy Paper*, as prepared by the Federal Highway Administration, dated June 1989

*Soil Survey of Erie County, Pennsylvania*, as prepared by the United State Department of Agriculture - Soil Conservation Service, dated 1991

Strike-Off Letter 430-90-105 - *Compliance with Approved Watershed Stormwater Management Plan for Highways*, as prepared by PENNDOT, dated October 1990

*Study of NEPA After 25 Years*, as prepared by the Council on Environmental Quality, dated 1997

*Subgrade Plan for the Millcreek Dumpsite*, prepared by D'Appolonia

Supreme Court Case - *United States Army Corps. of Engineers vs. Solid Waste Agency of Northern Cook County*

Supreme Court Case - *United States vs. Riverside Bayview Homes, Inc.*, dated 1985

*Swanville Quadrangle - Pennsylvania*, as prepared by the United States Geologic Survey, dated 1998

*Technical Specifications for Millcreek Dumpsite Operable Unit No. 2: Remedial Action & Golf Course Construction*, prepared by D'Appolonia Engineers, dated 1998

*Terminal Area Accessibility Analysis and Terminal Area Master Plan*, as prepared by Edward Just Associates, dated January 1995

*The Amazing Pennsylvania Canals - Sixth Printing*, as prepared by William H. Shank, dated 1981

*The Atlas of Pennsylvania*, as prepared by David J. Cuff, William Young, Edward K. Muller, Wilber Zelinsky, and Ronald F. Ablter, dated 1989

The Erie News (October 20, 1997)

The Erie Story (November 1986, 6-9)

*The Flint Run Paleo-Indian Complex: A Preliminary Report*, as prepared by W.M. Gardner, dated 1974

*The Glenwood Association: A Historical Look*, as prepared by Michael Wolfe, dated 1989

*The Journal of Erie Studies* - Volume 7, Number 1, dated 1978

*The Lake Shore & Michigan Southern Railway*, as prepared by Dave McLellan and Bill Warrick, dated 1989

*The Nickel Plate Road: The History of a Great Railroad*, as prepared by Taylor Hampton, dated 1947

*The Paleo-Indian Period: In a Comprehensive Plan for the Conservation of Archaeological Resources*, as prepared by S.W. Lantz, dated 1985

*The Pictorial Sketch-Book of Pennsylvania*, as prepared by Eli Bowen, dated 1852

*The Shoop Conundrum*, as prepared by Roger W. Moeller, dated 1989

*The Whiskey Rebellion: Pennsylvania's Frontier People Test the American Constitution*, as prepared by Jerry A. Clouse, dated 1994

*Trade and Exchange in Middle Atlantic Prehistory*, as prepared by R. M. Stewart, dated 1989

*Transportation Needs Analysis: Erie International Airport and Surrounding Highway Network*, as prepared by Urban Engineers of Erie, dated 1996

*United States Army Corps of Engineers Wetlands Delineation Manual - Technical Report Y-87-1*, dated 1987.

United States Census Data, dated 1990, 2000, and 2001

*Urban Lands and Planning - Fourth Edition*, as prepared by Edward A. Kaiser, David R. Godshalk, and Chapin, dated 1995

USC Title 42, Chapter 61 - *Uniform Relocation Assistance and Real Property Acquisition Policies for Federal and Federally Assisted Programs*, dated 1970

USDOT Order 5610.2 - *Environmental Justice*, April 1997

*Wetland Identification Report for the Airport Runway Extension Project*, as prepared by McCormick, Taylor and Associates, dated February 2002

*Wetlands Delineation Report for Riviera Estates FRB Area*, as prepared by Urban Engineers of Erie, dated June 1999

*Wetlands Identification and Delineation Report for an Investigation Area within Millcreek Township*, as prepared by Urban Engineers of Erie, dated August 1998

*Yes, Virginia, It Really Is that Old: A Reply to Haynes and Mead*, as published within *American Antiquity* 45(3):588-595, dated 1980