

STATE OF NEW HAMPSHIRE
BEFORE THE SITE EVALUATION COMMITTEE
Docket No. SEC 2015-02

APPLICATION OF ANTRIM WIND ENERGY, LLC
FOR A CERTIFICATE OF SITE AND FACILITY

PREFILED DIRECT TESTIMONY OF RICHARD WILL AND RUSSELL STEVENSON
ON BEHALF OF ANTRIM WIND ENERGY, LLC

September 10, 2015

1 **Qualifications of Richard Will**

2 **Q. Please state your name, title and business address.**

3 A: My name is Richard Will. My business address is 71 Oak Street, Ellsworth,
4 Maine 04605.

5 **Q. Please state your name, title and business address.**

6 A: I am employed by TRC Companies and hold the position of Manager, Northeast
7 Cultural Division.

8 **Q. Please describe the services provided by TRC.**

9 A: TRC is a national engineering, consulting and construction management firm that
10 provides integrated services to energy, environmental and infrastructure projects. TRC serves a
11 broad range of clients in government and industry, implementing complex projects from initial
12 concept to operations. In addition to the environmental and engineering services that TRC is
13 providing to the Antrim 1 Wind Project, we are also providing historic consulting services to
14 ensure compliance with state and federal regulations related to archaeological resources.

15 **Q. What are your responsibilities at TRC?**

16 A: Currently, I am the Operations Manager of the TRC Northeast sector of cultural
17 resources management. I serve as the Project Director, overseeing a staff of numerous
18 archaeologists on numerous small and large-scale cultural resources management projects
19 throughout the Northeast, including New Hampshire, Maine, Vermont and New York. My
20 responsibilities include serving as Principal Investigator on large and small-scale surveys for
21 archaeological sites associated with: natural gas pipelines; electrical transmission lines;
22 hydroelectric projects undergoing federal relicensing; state and federal licensing of wind
23 projects; and other commercial development projects.

1 **Q. Briefly summarize your educational background and work experience.**

2 A: I have been involved in the archaeological resources assessment of wind power
3 projects since 1992, beginning with studies in Maine and most recently in New York. I have
4 been the principal investigator on the St. Laurence and West Hill wind projects in New York,
5 and the Aroostook, Kibby, Oakfield, Stetson, Rollins, Highlands, Record Hill, Bingham and
6 Bowers projects in Maine.

7 Additional detail regarding my education, background and experience is contained in my
8 curriculum vitae which is attached hereto as Attachment RTW-1.

9 **Qualifications of Russell Stevenson**

10 **Q. Please state your name, title and business address.**

11 A: My name is Russell Stevenson. My business address is 375 East Elm Street,
12 Conshohocken, Pennsylvania 19428.

13 **Q. Please state your name, title and business address.**

14 A: I am employed by A. D. Marble & Company and hold the position of
15 Architectural Historian.

16 **Q. Please describe the services provided by A.D. Marble.**

17 A: A.D. Marble & Company (“A.D. Marble”) is an environmental, cultural and
18 engineering services firm. We provide environmental and cultural resource studies for clients to
19 satisfy environmental and cultural compliance regulations.

20 **Q. What are your responsibilities at A.D. Marble?**

21 A: As an Architectural Historian, I guide clients through the historic resources
22 review process set forth in Section 106 of the National Historic Preservation Act of 1966, as
23 amended. My responsibilities include background research, reconnaissance level surveys,

1 identification level surveys, evaluation of historic resources, eligibility recommendations,
2 assessments of effects to historic resources, consulting party coordination, and the mitigation of
3 adverse effects on a wide variety of small and large scale projects.

4 **Q. Briefly summarize your educational background and work experience.**

5 A: I have a Bachelor's degree in history from Pennsylvania State University and a
6 Master's degree in historic preservation from the University of Delaware. As an architectural
7 historian, I've identified, surveyed, and evaluated a wide array of residential, agricultural,
8 industrial, and commercial resources in New Jersey, Maryland, Delaware, and Pennsylvania. I've
9 also been trained and worked as an architectural conservator and restoration carpenter
10 performing conservation work on a variety of historic buildings in the greater Philadelphia area.
11 I'm familiar with the Secretary of the Interior's Standards for Rehabilitation and Guidelines for
12 Rehabilitating Historic Buildings and meet the Secretary of the Interior's Professional
13 Qualification Standards for Architectural History.

14 Additional detail regarding my education, background and work experience is contained
15 in my curriculum vitae which is attached hereto as Attachment RS-1.

16 **Q. Have you ever testified before the New Hampshire Site Evaluation**
17 **Committee ("SEC")?**

18 A. Yes. I presented testimony regarding the potential effect of the Antrim Wind
19 Project upon above-ground historic resources in connection with Antrim Wind Energy, LLC's
20 ("AWE") application for a certificate of site and facility in Docket 2012-01.

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1 **Purpose of Testimony**

2 **Q. What is the purpose of your testimony?**

3 **A. The purpose of our testimony is to address the potential effect of the reconfigured**
4 Antrim Wind Project (the “Project”) on archaeological and historic resources. Specifically,
5 Richard Will’s testimony addresses the potential effect of the Project on archaeological resources
6 and Russell Stevenson’s testimony addresses the potential effect of the Project on above-ground
7 historic resources.

8 **Archaeological Assessment – Richard Will**

9 **Q. Are you familiar with the Project proposed by AWE in this matter?**

10 **A. Yes, I am. As a historic resource consultant to the Project, I have been provided**
11 with information regarding the Project’s components and the locations of those components. I
12 am aware of and have considered revisions to the original Project configuration, including the
13 removal of one turbine. The removal of the tenth turbine does not affect delineation of the
14 Project boundaries for the purposes of an archaeological assessment, not does it affect
15 determination of the Project’s area of potential effects (“APE”).

16 **Q. Please describe the work that TRC has performed relative to the Project.**

17 **A. TRC conducted Phase IA and Phase IB archaeological surveys relative to the**
18 Project as it was proposed in Docket 2012-01. Changes proposed for the Project do not warrant
19 additional archaeological review and evaluation, and as such there has not been any additional
20 archaeological fieldwork conducted within the Project’s boundaries since the Phase 1A and 1B
21 studies were completed. Due to the fact that the reconfigured Project proposed in this Docket
22 removes one turbine and shortens another, the Phase IA and Phase IB surveys conducted in the
23 prior Docket remain applicable to the Project.

1 The Phase IA archaeological survey provides an initial review of the Project to assess
2 areas of archaeological sensitivity and potential resource management issues. This survey
3 consisted of identifying and collecting information pertaining to the archaeological resources in
4 the context of the proposed Project. TRC's Phase IA survey included two visits to the offices of
5 the New Hampshire Division of Historical Resources ("NHDHR"), during which TRC identified
6 NHDHR's expectations for completing an archaeological resources assessment of the Project
7 area and collected collect relevant background and archival information on known Pre-contact
8 period¹ and Historic contact period² archaeological resources in the Project area (i.e. within 10
9 km of the Project) and within the Project boundaries. A report of the Phase IA Survey results was
10 submitted to NHDHR on October 25, 2011.

11 In addition to the above-described Phase IA Survey, TRC conducted a Phase IB Survey
12 which consisted of an archaeological walkover survey of the Project's archaeological area of
13 potential effect ("APE"), i.e. the area where construction activities may result in ground
14 disturbances. One of the primary reasons for conducting a walkover survey is the small nature of
15 the database for archaeological sites in upland areas of New Hampshire. TRC conducted the
16 walkover survey on November 23-26, 2011. Due to 6 inches of snow cover in the area and the
17 limited daylight period, a 100% walkover of the entire Project area could not be completed
18 without staying overnight on the upper elevations. Therefore, walkover was conducted on the
19 northern and southern portions of the Project area including the tops of Tuttle Hill and Willard

¹ Pre-contact period archaeological resources are described on pages 5-9 of TRC's Results of Phase I Archaeological Survey contained in Application Appendix 9B.

² Historic period archaeological resources are described on pages 9-10 of TRC's Results of Phase I Archaeological Survey contained in Application Appendix 9B.

1 Mountain. The NHDHR subsequently confirmed to TRC that a walkover of less than 100% of
2 this Project's area was adequate.

3 **Q. Please summarize the results of your studies.**

4 A. The results of the Phase IA and IB Surveys are contained in TRC's report entitled
5 "Results of Phase I Archaeological Survey of the Antrim Wind Energy Project," attached to the
6 Application as Appendix 9B. The Phase IA Survey indicated that no Historic period or Pre-
7 contact period archaeological sites within the Project boundaries or within 10 km of the Project
8 boundaries have been previously documented. Environmental and cultural variables that have
9 been demonstrated to be important predictors of archaeological site locations are either rare or
10 non-existent within the Project's boundaries. During the Phase IB Survey walkover, no
11 landforms suitable for Pre-contact period subsurface testing were observed. In addition, no
12 Historic period features (e.g. cellar holes) were identified within the Project area with the
13 exception of stone walls in the lower elevations on the northern side of Tuttle Hill. Therefore, no
14 subsurface testing was conducted and no additional archaeological evaluation is recommended
15 for the proposed archaeological APE. NHDHR has agreed with the recommendations and
16 conclusions in the Phase I report. A letter documenting NHDHR's concurrence is contained in
17 Appendix 9C to the Application.

18 **Q. Did the SEC make a determination with respect to archaeological resources**
19 **in Docket 2012-01?**

20 A. Yes. After reviewing the record presented to it in Docket 2012-01, including my
21 testimony and the surveys described above, the SEC unanimously concluded that the Project
22 would not have an unreasonable adverse impact on historical sites.

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Architectural Assessment – Russell Stevenson

Q. Are you familiar with the Project proposed by AWE in this matter?

A. Yes, I am. I have reviewed Project-specific information and mapping, including the GIS view shed analysis, for the Project. In addition, I’ve reviewed regional and local histories, literature on regional and local architecture, historic mapping, historic aerials, visited local historical societies, conducted a thorough file review at the NHDHR, and performed site-specific fieldwork and research which included reviewing tax parcel information and deeds.

Q. Have you studied the potential effect of the Project on above-ground historical properties in the area?

A. Yes.

Q. Please describe the studies conducted by A.D. Marble.

A. A. D. Marble & Company followed the methods outlined in NHDHR’s *Guidelines for Windfarm Development Projects* (“Guidelines”) for initiation, identification, evaluation and determination of effects of wind farm projects on above ground historic resources located within an established three-mile and five mile area. A geographic information system (“GIS”)-based screening defined a three-mile radius surrounding the Project, as well as the viewshed-based area of potential effect (“APE”). A.D. Marble completed a search of NHDHR’s files to gather information on established contexts, previously surveyed properties, and properties within the Project area that have been listed in or determined eligible for listing in the National Register of Historic Places (“National Register”). We also conducted additional research at the New Hampshire State Library and New Hampshire Historical Society, and

1 contacted Ms. Liz Robertson, a member of the Antrim Historical Society, for information on
2 relevant resources and repositories.

3 AWE invited organizations with a demonstrated interest in the Project including
4 representatives from towns and counties located within the Project area, local historical societies,
5 and the New Hampshire State Historical Society to participate as consulting parties to what is
6 known as the “Section 106 process.” Section 106 of the National Historic Preservation Act, as
7 amended, requires that federally funded, licensed or assisted undertakings take into account the
8 potential effects of their proposed project(s) on the protection of historic properties (i.e. a
9 prehistoric or historic district, site, building, structure or object included in, or eligible for listing
10 in the National Register). Because the Antrim Wind Project requires a permit from the U.S.
11 Army Corps of Engineers (“USACE”), the Project is subject to the Section 106 process in which
12 USACE, in consultation with NHDHR, determines whether the Project will have an adverse
13 effect on historic sites and, if so, whether mitigation measures must be taken.

14 NHDHR Guidelines state that resources 50 years in age or older within the APE that have
15 the potential to be visually impacted by the Project (i.e. affected by changes in setting) require
16 evaluation for National Register eligibility. During the course of A.D. Marble’s survey work, we
17 examined and photographed properties 50 years in age or older within the three-mile Project area
18 from the public rights-of-way to develop an understanding of the evolution of the landscape and
19 to identify resources that might potentially be eligible for listing in the National Register. After
20 completion of background research and survey work, A.D. Marble completed a NHDHR project
21 area form (“PAF”) and submitted it to NHDHR on January 5, 2012. The purpose of the form is
22 to develop a historic context for the Project area, identify contextual themes and projected

1 building types, and recommend further survey for resources within the Project's three-mile
2 viewshed/APE.

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4 **Q. Please summarize the results of your studies.**

5 A. The results of A.D. Marble's studies are reflected in the PAF attached to the
6 Application as Appendix 9D. The PAF identified one property within the three-mile radius that
7 was previously listed in the National Register (i.e. the Flint Estate Historic District) and one
8 property that was previously determined eligible for listing in the National Register (the Antrim
9 Congregational Church in Antrim Center). Because the Flint Estate Historic District is listed in
10 the National Register for its architectural significance and not as a rural estate, it does not have
11 the potential to be affected by changes in setting that the Project may introduce; therefore, it is
12 not necessary to further assess the potential effects of the Project on this resource. The PAF
13 identified certain resources as warranting future documentation and evaluation, and on July 3,
14 2012 I submitted the following inventories to NHDHR:

15 - Dodge Family Farm, Reed Carr Road – Individual Inventory Form

16 - Pine Haven Cottages – Individual Inventory Form

17 - White Birch Point – Historic Area Form

18 - Gregg Lake – Historic Area Form

19 - Village of Clinton - Historic Area Form

20 - Village of Antrim Center - Historic Area Form

21 NHDHR responded in a letter dated July 30, 2012, indicating that the Dodge Family Farm was
22 eligible for listing in the State Register and National Register of Historic Places, but that the
23 development along the north shore of Gregg Lake was not eligible. NHDHR requested additional

1 information regarding Pine Haven Cottages, Antrim Center, White Birch Point, and Clinton prior
2 to making a decision on their eligibility; after receiving the requested supplemental information,
3 NHDHR determined that Pine Haven, Antrim Center and White Birch Point were all eligible for
4 listing in the State Register and National Register of Historic Places, whereas Clinton Village
5 was determined to be not eligible.

6 **Q. Are you familiar with the SEC's determination with respect to above-ground**
7 **historical resources in Docket 2012-01?**

8 A. Yes. Though the Section 106 process was ongoing at the time that the SEC issued
9 its decision on the Application in Docket 2012-01, the SEC noted that New Hampshire law
10 permits it to condition a Certificate upon the results of federal or state agency studies whose
11 study period exceeds the application period. Notwithstanding the fact that the Section 106
12 process was incomplete, the SEC unanimously concluded that the Project would not have an
13 unreasonable adverse impact on historical sites.

14 **Q. Has the Section 106 Process continued since the SEC issued its decision in**
15 **Docket 2012-01?**

16 A. Yes. After receiving the NHDHR's eligibility determinations, A.D. Marble
17 prepared an assessment of effects package for each of the four newly identified National
18 Register-eligible properties located within the three mile APE. In addition, NHDHR guidelines
19 require that effects be assessed for any properties previously listed on or determined eligible for
20 listing on the National Register within a 5-mile radius or APE. The only National Register
21 eligible or listed property that has the potential to be affected by the project within the 5-mile
22 APE is the Hillsborough Lower Village Historic District, which was determined eligible for the
23 National Register in 2006. In total, five assessment of effects packages were prepared and

1 submitted to DHR for review on February 19, 2013. Each assessment of effects package
2 contained effects tables that applied the definition of effect of the proposed Project on each
3 resource. If it was determined that the Project would have an effect on the historic resource, the
4 criteria of adverse effect was then applied and summarized in a criteria of adverse effect table. In
5 addition, each package contained site specific photo simulations prepared by AWE. The photo
6 simulation compared a photograph taken from the resource looking to the project (in this case the
7 turbines) to that same photograph with computer generated images of the turbines that were
8 drawn to scale. This allowed for a comparison of view sheds from the resource both with
9 turbines and without turbines. A photo location map was included with each package that
10 depicted the proposed turbines, the historic resource, the photo location and photo direction on a
11 topographic relief map. Lastly, an aerial map was also included that depicted the National
12 Register boundary of the resource, outlines of buildings within the resource, the photo simulation
13 point and the project visibility areas, which were based on the GIS view shed analysis conducted
14 for the PAF.

15 The NHDHR made “No Adverse Effect” findings for the Antrim Center Historic District,
16 Dodge Family Farm, Hillsborough Lower Village Historic District, and Pine Haven. However,
17 NHDHR determined that there would be an adverse effect to White Birch Point, though it did not
18 indicate that such adverse effect would be unreasonable.. USACE, which is the lead federal
19 agency for the Section 106 review, has disagreed with NHDR’s determination with respect to
20 White Birch Point and AWE is engaged in continuing consultation with both agencies to resolve
21 the disagreement and determine any mitigation measures necessary to satisfy its obligations
22 under Section 106.

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No Unreasonable Adverse Effects

Q. In your opinion, will the Project have an unreasonable adverse effect on archaeological resources and historic sites?

A. Based on the information and survey findings described above and our review of the reconfigured Project, it is our opinion that the Project will not have an unreasonable adverse effect on archaeological resources and historic sites. Based upon our experience with other projects, and the manner in which potential impacts on historical sites have been addressed by state and federal regulators in the past, it is our opinion that the proposed Project will not have an unreasonable adverse effect on any known archaeological or above-ground historic sites. There are no areas within the Project where archaeological resources would be predicted to be located or areas that might initially be assessed to be sensitive for archaeological resources. In addition, no historic structure will be physically impacted. Moreover, should future studies determine that the Project may adversely affect archaeological resources, data recovery excavations are an accepted mitigation measure and will be undertaken in consultation with NHDHR and USACE. Notwithstanding the NHDHR’s finding with respect to the White Birch Point area, we are also of the opinion that the Project will not have an unreasonable adverse effect upon above-ground historic properties. AWE is engaged in continuing consultation with USACE and NHDHR regarding this issue and appropriate measures will be undertaken pursuant to the Section 106 process to ensure the mitigation of any perceived adverse effect.

Q. Does this conclude your pre-filed testimony?

1 A. Yes.

Russell Stevenson
Architectural Historian/Historian

Mr. Stevenson has over nine years of experience in cultural resource management, including two years assessing historic resource integrity and performing conservation work. His primary responsibilities consist of conducting historic architectural surveys and research, evaluating architectural resources for National Register eligibility, documenting architectural resources, writing assessment of eligibility and effect reports, and preparing mitigation documents and materials. He has effectively coordinated and completed a multitude of projects as part of Section 106 of the NHPA. Mr. Stevenson has identified, surveyed, and evaluated a wide array of residential, agricultural, industrial, commercial, and engineering resources in Pennsylvania, Delaware, Maryland, New Jersey and New Hampshire. He is adept at the use of cultural resources databases for previously identified resources in Maryland, Pennsylvania, Delaware, New Jersey, New Hampshire and Virginia as he routinely prepares preliminary findings for Phase I investigations. He spent two summers as an apprentice and one year as an architectural conservator technician performing conservation work for the Fairmount Park Historic Preservation Trust. As a conservator technician, his work regularly required him to assess the integrity of both interior and exterior architectural elements of historic buildings in order to decide on and apply the appropriate treatment. Mr. Stevenson is knowledgeable of federal and state regulations and guidelines concerning the treatment of historic properties and exceeds the Secretary of the Interior's Professional Qualifications Standards for Architectural Historians. Mr. Stevenson served two years as a board member for the Allentown Preservation League; a small non-profit organization in Allentown, Pennsylvania.

Education

- 2001 B.A. Pennsylvania State University, State College, Pennsylvania.
- 2007 M.A. University of Delaware, Newark, Delaware

Professional Training

- 2014 Section 106 Principles and Practice
 Consultant Continuing Education, held by PennDOT
 and taught by SRI Foundation.
- 2011 Project Review (Section 106) Architectural Historian
 Consultant Continuing Education, held by the New
 Hampshire Division of Historical Resources.
- 2011 Introduction to the Section 106 Review Process presented
 by the Advisory Council on Historic Preservation and held
 at the Chester County Historical Society.

2008 Pennsylvania Historical and Museum Commission summer apprenticeship program. On site training at the Daniel Boone Homestead, Birdsboro, Pennsylvania.

Professional Publications

- 2011 “Let’s Go Fitchin’: The Steamboat Trials of John Fitch,” in *Environmental Assessment*, the newsletter for the Pennsylvania Association of Environmental Professionals.
- 2009 “Annual Property Inspection Maintenance Manual for Fairmount Park Historic Preservation Trust lessees.” Fairmount Park Historic Preservation Trust, Philadelphia, Pennsylvania.
- 2007 “The Effectiveness of Agricultural Zoning Ordinances in Controlling Sprawl in the Lehigh Valley, Pennsylvania.” Masters Thesis, University of Delaware.

Professional Conferences

- 2014 Pennsylvania Combined Preservation Conference, Philadelphia, Pennsylvania.
- 2012 Pennsylvania Combined Preservation Conference, Lancaster, Pennsylvania.

Professional Experience

2009-Present – A.D. Marble & Company

Architectural Historian/Historian

In his position as an Architectural Historian/Historian, Mr. Stevenson conducts architectural surveys, historic research and fieldwork and prepares architectural survey forms, historic context reports, assessments of effect and other project documents in support of federal, state and local preservation laws. As a historian, Mr. Stevenson conducts background research and prepares historic contexts for Phase I, II and III archaeological investigations.

Multiple

National Gateway Initiative. Multiple Counties, MD, PA, WV. CSX Transportation, Inc.

Historian. Project involves vertical clearance improvements associated with a double-stacking initiative along a rail corridor through portions of Ohio, Pennsylvania, Maryland, West Virginia, Washington, DC, and Virginia. Responsible for background research on tunnel and bridge sites throughout Pennsylvania, Maryland, West Virginia, Washington D.C. and Virginia for all phases of project. Assisted with documentation of Magnolia Cutoff and six historic tunnels in Maryland and West Virginia. Assisted with the preparation of historic contexts on the B&O Railroad and Pittsburgh and Lake Erie Railroad. Assisted with assessment of effect documentation and drafts of multi-state Programmatic Agreement (P1168).

Scour Remediation Project. Multiple counties, PA and NJ. Delaware River Joint Toll Bridge Commission. Historian. Project included scour remediation of 16 of the 22 bridges owned by the Delaware River Joint Toll Bridge Commission. Responsible for background research that was used to prepare a state-level survey form and historic identification report that presented a historic context and recommendations for National Register eligibility of the 18 bridges owned by the Delaware River Joint Toll Bridge Commission that span the Delaware River between Pennsylvania and New Jersey.

Pennsylvania

P3 Rapid Bridge Replacement Project, PennDOT Engineering Districts 1-0, 2-0, 3-0, 4-0, 5-0, 6-0, 8-0, 9-0, 10-0, 11-0, 12-0. Cultural Resource Professional/Architectural Historian. Received training as a PennDOT Cultural Resources Professional delegated for the P3 project which will replace 558 bridges throughout the Commonwealth in approximately three years. Responsible for guiding approximately 250 bridges through the entire Section 106 Process in two years, from scoping and identification through to effects resolution and mitigation.

Environmental Open-End Contract, PennDOT Engineering District 6-0.

Architectural historian. Responsible for a variety of tasks in assisting the District 6-0 Cultural Resource Professional for historic structures. Tasks have included construction monitoring to ensure historic properties are not impacted by construction projects, final inspections for bridge projects, attending pre-construction meetings and bi-weekly project progress meetings for monitored projects, attending field views with the CRP, and coordinating consulting party meetings, letters and documentation for various projects throughout the district.

S.R. 222 & Long Lane Intersection, Berks County, Pennsylvania. PennDOT District 5-0. Architectural Historian. Responsible for historic structure evaluations related to intersection improvements at two intersections of S.R. 222 at Long Lane and Topton Road. Completed background research, fieldwork and prepared Historic Resource Survey Forms for seven properties along the S.R. 222 corridor in the project area (P1250).

Schuylkill River Park Pedestrian Bridge over CSX railroad tracks, Philadelphia County, Philadelphia, Pennsylvania. PennDOT District 6-0. Historian. Project involves the construction of a pedestrian bridge that carries the Schuylkill River Park Trail over CSX railroad tracks in Philadelphia. Responsible for background research that centered on remnants of historic wharves revealed by archaeological testing beneath the railroad tracks. Prepared a historic context and participated in consulting party meetings. Worked with a graphic designer to create placards to be installed on the finished bridge informing pedestrians of the wharves and industrial development along the Schuylkill River (P1007C).

Lehigh Street Bridge Replacement Project, Lehigh and Northampton Counties, Pennsylvania. PennDOT District 5-0. Architectural Historian. Project involves a cultural resources survey of residential, industrial, and transportation-related resources.

Responsible for assisting with fieldwork, background research, and documentation of multiple individual properties including a former nineteenth-century iron works property, a section of the Lehigh Canal, and multiple railroads (P1179).

S.R. 0222, Section 22 Intersection Improvements Project, Berks County, Pennsylvania. PennDOT District 5-0. Architectural Historian. Project involves a cultural resources survey of eighteenth, nineteenth and twentieth-century residential and agricultural properties. Conducted extensive background research into the history and context of the resources. Conducted field survey to document multiple properties, including several agricultural complexes. Assisted with the preparation of a Determination of Eligibility Report (P1147).

S.R. 2047, Section 02B, Bridge Project, Amity Township, Berks County, Pennsylvania. PennDOT Engineering District 5-0. Architectural Historian. Project involves a cultural resources survey of residential, agricultural and industrial-related resources that date to the 18th century. Responsible for coordination, fieldwork, background research and documentation of multiple properties including a 18th century grist mill (P1380A).

S.R. 3010, Section 01B, Church Street over Spring Creek Bridge Project, Lower Heidelberg Township, Berks County, Pennsylvania. PennDOT Engineering District 5-0. Architectural Historian. Project involves the replacement of the Church Street bridge, which is adjacent to a National Register-listed property. Responsible for the preparation of effects documentation and assisted with consulting party coordination (P1388A).

Sugar House Casino, Philadelphia, Pennsylvania. HSP Gaming. Historian. Project involves the construction of a new building on the Delaware River. Responsible for background research for the Phase III archaeological investigation (P-983K).

Pennsylvania Turnpike Northeast Extension (I-476), Milepost A31-A38. Montgomery County, PA. Pennsylvania Turnpike Commission. Architectural Historian. Project involves widening and full-depth reconstruction of a portion of I-476 in Franconia, Lower Salford, and Salford townships. Responsible for background research, assisted with Historic Resources Reconnaissance Survey report, assisted with field survey and completed multiple state-level survey forms for farms along the project corridor. Assisted with Determination of Eligibility Report and prepared Effects documentation (P1263).

S.R. 1028 Culmerville Bridge Project. West Deer Township, Allegheny County, Pennsylvania. PennDOT Engineering District 11-0. Architectural Historian. Responsible for the preparation of a state-level survey form for a nineteenth-century railroad bridge. Completed historic research and form preparation. (P1254)

Replacement of S.R. 0611 Bridge over Oughoughton Creek. Northampton County, PA. TRC Solutions, Inc. and PennDOT Engineering District 5-0. Architectural

Historian. Project involves a bridge replacement in a rural area. Conducted background research and assisted with the preparation of two state-level survey form documenting two farmsteads (P1194C).

Replacement of S.R. 3001 Bridge over Spring Creek, Lehigh County, Pennsylvania. TRC Solutions, Inc. and PennDOT Engineering District 5-0. Architectural Historian. Project involves a bridge replacement in a rural/suburban area. Conducted background research and assisted with the preparation of a state-level survey form documenting the Catasauqua and Fogelsville Railroad (P1194).

S.R. 0032 River Road over Delaware Canal Bridge, Bucks County, Pennsylvania. PennDOT Engineering District 6-0. Architectural Historian. Project involves investigation of a bridge replacement in a rural area near the Delaware River. Responsible for background research, fieldwork and the preparation of a memo describing the current conditions (P1333).

S.R. 0313 Dublin Pike over Morgan Creek Bridge, Bucks County, Pennsylvania. PennDOT Engineering District 6-0. Architectural Historian. Project involves investigation of a bridge replacement in a rural/suburban area. Responsible for background research, fieldwork and the preparation of a memo describing the current conditions (P1333A).

S.R. 2073 Pennsylvania Avenue over Pennsylvania Canal Bridge, Bucks County, Pennsylvania. PennDOT Engineering District 6-0. Architectural Historian. Project involves investigation of a bridge replacement in the borough of Morrisville. Responsible for background research, fieldwork and the preparation of a memo describing the current conditions (P1333B).

SEPTA Wayne Junction Station Improvement Project. Philadelphia County, Pennsylvania. Urban Engineers and Southeastern Pennsylvania Transportation Authority. Historian. Project involves rehabilitation of a National Register-eligible train station. Completed background research to aid in state-level recordation (P-976).

S.R. 6011, Section 273, Harrison Avenue Bridge Project, Scranton, Lackawanna County, Pennsylvania. PennDOT Engineering District 4-0. Architectural Historian. Project involves improvements to a National Register-eligible bridge. Conducted background research for the preparation of state-level survey forms and attended public meetings. Prepared mitigation requirements which involved the research, writing, and creation of an interpretive sign (P-995/P-995A).

S.R. 2014, Section 012, Furnace Road Bridge over Mill Creek, Lebanon County, Pennsylvania. PennDOT Engineering District 8-0. Architectural Historian. Project involves the replacement of an early pre-stressed concrete bridge in a rural area. Responsible for researching and documenting the history of pre-stressed concrete bridge technology (P1060A).

S.R. 0061 and Tuckerton Road Intersection Improvements, Berks County, Pennsylvania. PennDOT Engineering District 5-0. Architectural Historian. Project involves intersection improvements in a developed area north of Reading, Pennsylvania. Conducted background research, fieldwork and documentation on Historic Resource Survey Forms of several properties adjacent to the intersection (P1251).

S.R. 0706, Section STY, Susquehanna County, Pennsylvania. PennDOT District 4-0. Architectural Historian. Project involves spot improvements and structure replacements along S.R. 706 in a rural area. Responsible for background research, fieldwork and assisted in the preparation of Historic Resource Survey Forms for four properties in the project area. Conducted oral interviews with members of a local IOOF hall (P-819A).

S.R. 2051-001, Replacement of Bridge over Wolf Run, Lycoming County, Pennsylvania. PennDOT District 3-0. Architectural Historian. Project involves the replacement of a bridge in a rural area. Responsible for background research, fieldwork and the preparation of a Historic Resource Survey Form to document a farm property located adjacent to the bridge (P1201).

S.R. 1022-002, Replacement of Zaners Rohrsburg Road Bridge over Tributary of Green Creek. PennDOT District 3-0. Architectural Historian. Project involves the replacement of a bridge in a rural area. Responsible for background research, fieldwork and the preparation of a state-level survey form to document a farm property located adjacent to the bridge (P1201H).

S.R. 0074, Replacement of Bridge over Panther Creek, Perry County, Pennsylvania. PennDOT District 8-0. Architectural Historian. Project involves the replacement of a bridge in a rural area. Responsible for background research, fieldwork and the preparation of a state-level survey form to document a farm property located adjacent to the bridge (P1108D).

S.R. 1014, Section ERH, Replacement of Creamery Road Bridge over Tohickon Creek, Bucks County, Pennsylvania. PennDOT District 6-0. Architectural Historian. Project involves the replacement of a bridge in a rural area. Assisted with background research, fieldwork and the preparation of a state-level survey form to document a farm property located adjacent to the bridge (P1269).

S.R. 0028, Section 164, Improvement Project, Armstrong County, Pennsylvania. Historian. Project involves the replacement of two culverts and one bridge in a rural area. Conducted background research and prepared a historic context of the project area of archaeological Phase II investigations.

Topton Lutheran Home, Berks County, Pennsylvania. Architectural Historian. Assisted with the preparation of documentation and assessment of eligibility for second-oldest Lutheran elder home in Pennsylvania as part of state-level clearance for planned improvements to the property (P1073).

Federal

Washington Crossing National Cemetery, State-Level Recordation. Bucks County, Pennsylvania. U.S. Department of Veterans Affairs. Architectural Historian/Historian. Project involves development of a veterans' cemetery on agricultural land occupied by several historic dwellings and agricultural outbuildings. Assisted with the preparation of state-level recordation (equivalent to Historic American Buildings Survey) to document an early-nineteenth-century log dwelling and a nineteenth-century farmstead in accordance with a Memorandum of Agreement (MOA). The recordation included written, graphic, and photographic documentation and appended previous documentation. Ongoing tasks include preparation of an educational brochure and preparation of an advertisement for the lease and rehabilitation of buildings associated with a historic farm. Conducted extensive background research for Phase II and III archaeological investigations for multiple sites within the project area (P1061).

Philadelphia Navy Yard Seawall Repair, Philadelphia County, Philadelphia, Pennsylvania Army Corps of Engineers. Architectural Historian. Provided on-site monitoring to ensure a historic stone seawall and ferry dock was not damaged during the repair of the modern seawall. Documented the conditions of the historic seawall through photographs and notes (P1202D).

Tobyhanna Army Depot Cultural Resources Investigations, Tobyhanna, Monroe County, Pennsylvania. U.S. Army Corps of Engineers-Philadelphia District. Architectural Historian. Responsible for assisting with architectural investigations, including documentation of over 70 buildings, located at Tobyhanna Army Depot. Assisted with completing field work, photographic documentation, background and archival research, and development of historic context within which to evaluate the twentieth-century property. (P1202C)

Air Compressor, Building 175, Portsmouth Naval Shipyard, Historic American Engineering Record (HAER) Recordation. York County, Maine. Oak Point Associates. Architectural Historian. Project involved HAER recordation of a World War II-era air compressor located within a substation in a National Register-listed historic district. Responsibilities included background research.

Building 45, Portsmouth Naval Shipyard, Historic American Buildings Survey (HABS) Recordation. York County, Maine. Oak Point Associates. Architectural Historian. Project involved HABS recordation of a late-nineteenth century shipbuilding facility within a National Register-listed historic district. Responsibilities included background research.

Building 178, Portsmouth Naval Shipyard, Historic American Engineering Record (HAER) Recordation. York County, Maine. Oak Point Associates. Architectural Historian. Project involved HAER recordation of a WWII-era shipbuilding facility within a National Register-listed historic district. The building was originally constructed in

1939, but evolved to meet changing needs during World War II and the Cold War era. Responsibilities included background research (P-920F).

Building 303, Portsmouth Naval Shipyard, Historic American Engineering Record (HAER) Recordation. York County, Maine. Oak Point Associates. Architectural Historian. Project involved HAER recordation of a Cold War-era acoustic testing facility slated for demolition within a National Register-listed historic district. Responsibilities included background research.

Buildings M6, M10, and H29 MHBR Documentation. Portsmouth Naval Shipyard. York County, Maine. Architectural Historian. Project involved a 1945 Neuropsychiatric Ward that was built using a standardized plan for hospital wards during a period of rapid expansion on the shipyard associated with World War II. Responsibilities included background research.

Portsmouth Naval Shipyard, Dry Dock #2 Repair Project. York County, Maine. Architectural Historian. Project involved the documentation of a significant 1901 granite dry dock within the Portsmouth Naval Shipyard National Register Historic District. Responsibilities included background research.

Building 93, Portsmouth Naval Prison Complex MHER Documentation. Portsmouth Naval Shipyard. York County, Maine. Architectural Historian. Project involved an early-twentieth century naval prison with two World War II-era additions, and associated buildings, both extant and demolished, at the Portsmouth Naval Shipyard within the Portsmouth Naval Shipyard National Register Historic District. Responsibilities included background research (P-920G).

Building 170 MHBR Documentation. Portsmouth Naval Shipyard. York County, Maine. Architectural Historian. Project involved a World War II-era masonry storage building at the Portsmouth Naval Shipyard within the Portsmouth Naval Shipyard National Register Historic District. Responsibilities included background research.

Lumber Complex, Buildings 129, 132, and 149 MHER Documentation. Portsmouth Naval Shipyard. York County, Maine. Architectural Historian. Project involved a grouping of early-twentieth century buildings and landscape features, both extant and demolished, that form the lumber complex at the Portsmouth Naval Shipyard within the Portsmouth Naval Shipyard National Register Historic District. Responsibilities included background research (P-920E).

Storage Complex, Buildings 131, 136, 159, and 166 MHER Documentation. Portsmouth Naval Shipyard. York County, Maine. Architectural Historian. Project involved a grouping of multiple buildings, both extant and demolished, that form the early- to mid-twentieth century storage complex at the Portsmouth Naval Shipyard within the Portsmouth Naval Shipyard National Register Historic District. Responsibilities included background research.

Delaware

SR 1 Improvement Project, Little Heaven, Kent County, Delaware. Architectural Historian/Historian. Project involves a roadway realignment and improvement project. Assisted with field survey and state-level survey form preparation. Prepared historic contexts for multiple archaeological sites within the project area (P-731C).

West Dover Connector Project, Dover, Kent County, Delaware. Architectural Historian/Historian. Project involves the construction of a new roadway. Assisted with field survey and preparation of survey forms for over ten resources, including agricultural and residential properties. Assisted with the preparation of an Assessment of Effects Report. Prepared historic contexts for multiple archaeological sites within the project area (P-738A).

South Frederica Phase II Archaeological Investigation, Kent County, Delaware. Historian. Responsible for background research and the preparation of historic contexts for multiple archaeological sites within the project corridor (P1311).

Kent County Sewer Relocation Project, Kent County, Delaware. Century Engineering. Historian. Responsible for background research and the preparation of historic contexts for multiple archaeological sites within the project area (P1310).

Clarence Street Extension Project. Kent County, Delaware. Century Engineering, Inc. Architectural Historian. Project involved extension of an existing roadway within a primarily residential neighborhood of Dover, Delaware. Performed fieldwork and assisted with the preparation of CRS forms for several individual properties and two potential historic districts, including an industrial complex and a portion of a traditionally African-American residential community as well as a Determination of Eligibility Report (P-866A).

Dover Air Force Base Cargo Ramp, Kent County, Delaware. Century Engineering. Historian. Project involves the construction of a Civil Air Terminal at the Dover Air Force Base. Responsible for background research and the development of a historic context for a demolished farmstead associated with Phase I archaeological investigation (P1364).

Vaughn to Wells Substations Utility Line Replacement, Kent County, Delaware. Delmarva Power and Light Company. Architectural Historian. Project involves the replacement of existing utility poles and lines with new utility poles and lines. Responsible for background research, fieldwork and the preparation of a memo detailing the current conditions and recommendations for future work (P1379).

Wells to Harrington Substations Utility Line Replacement, Kent County, Delaware. Delmarva Power and Light Company. Architectural Historian. Project involves the replacement of existing utility poles and lines with new utility poles and lines. Responsible for background research, fieldwork and the preparation of a memo detailing the current conditions and recommendations for future work (P1379A).

Delaware National Golf Course, New Castle County, Delaware. Toll Brothers. Architectural Historian/Historian. Project involved the construction of a residential subdivision on a former golf course. Responsible for background research and the preparation of state-level survey forms for two barns located on the property. Prepared historic contexts for multiple archaeological sites within the project area (P1198).

Maryland

Oldfield Point Road Improvements, Breon Lane to Old Chestnut Road, Cecil County, Maryland. Wallace Montgomery Associates. Architectural Historian. Conducted background research, fieldwork and the preparation of two state-level survey forms. Completed Section 106 initiation and identification packages for agency coordination (P1438)

Village of Piscataway Historic District, Prince George's County, Maryland. Maryland-National Capital Park and Planning Commission, Prince George's County Department of Planning. Historian. Conducted background research for a draft National Register Nomination. Assisted with the preparation of the statement of significance (P1172A).

St. Thomas Episcopal Parish Historic District, Croom, Prince George's County, Maryland. Maryland-National Capital Park and Planning Commission, Prince George's County Department of Planning. Historian. Conducted background research for a draft National Register Nomination (P1172).

Broad Creek Historic District, Broad Creek, Prince George's County, Maryland. Maryland-National Capital Park and Planning Commission, Prince George's County Department of Planning. Historian. Conducted background research for a National Register Nomination (P1172B).

Upper Marlboro Residential Historic District, Upper Marlboro, Prince George's County, Maryland. Maryland-National Capital Park and Planning Commission, Prince George's County Department of Planning. Historian. Conducted background research for a draft National Register Nomination (P1172B).

Prologis Site Study, Harford County, Maryland. Maryland Transit Administration. Architectural Historian. Responsible for fieldwork, background research and assisted with the completion of Section 106 initiation and identification packages for agency coordination as part of project planning for a future transit complex. (P1075J)

Riverside Rail Purchase Project, City of Baltimore, Maryland. Maryland Transit Administration. Architectural Historian. Responsible for fieldwork, background research and assisted with the completion of Section 106 initiation and identification packages for agency coordination as part of project planning for a future transit complex. (P1075I)

Elkton Station Feasibility Study, Cecil County, Maryland. Maryland Transit Administration. Architectural Historian. Responsible for fieldwork, background research and assisted with the completion of Section 106 initiation and identification packages for agency coordination as part of project planning for a future transit complex. (P1075J)

Eastern Shore Freight Line Improvement Project, Multiple Counties, Maryland. Maryland Transit Administration. Architectural Historian. Responsible for fieldwork, background research and assisted with preparation of ten state-level survey forms for individual bridges and a railroad line throughout Maryland. (P1075G)

New Jersey

Salem Railroad Reconnaissance-Level Survey Project, Gloucester and Salem Counties, New Jersey. County of Salem, New Jersey. Architectural Historian/Project Manager. Responsible for coordinating and completing all aspects of a reconnaissance-level survey of the Salem Railroad to fulfill stipulations of a signed Memorandum of Agreement (MOA). Conducted background research, fieldwork, coordination and the preparation of a reconnaissance-level survey report (P1416).

Replacement of Canal Street Bridge over Drake's Brook, Morris County, New Jersey. FST Engineers. Architectural Historian. Project involves the replacement of a reinforced concrete bridge in a historic district. Completed all aspects of documentation including fieldwork, background research and preparation of an Application for Project Authorization under the New Jersey Register of Historic Places Act (P1203).

North Elmwood Road Site Project, Burlington County, New Jersey. Dewberry. Architectural Historian. Project involves the construction of residential housing in a former agricultural field. Responsible for background research, fieldwork and the preparation of state-level survey forms to determine the eligibility of a previously unidentified resource.

New Hampshire

Antrim Wind Energy Project, Antrim, Hillsborough County, New Hampshire. Eolian, Inc. Architectural Historian. Project involves the construction of ten wind turbines along several mountain ridges in rural New Hampshire. Assisted with an identification level survey which included a five-mile area of potential effect. Evaluated eligibility for resources which included two individual survey forms and four historic district survey forms. Testified in court for the New Hampshire Site Evaluation Committee on behalf of the client. Completed an effects report for all eligible resources (P1295).

2007-2009 – The Fairmount Park Historic Preservation Trust
Architectural Conservator Technician

Mr. Stevenson's work included assessing and performing conservation on a variety of buildings in Southeastern Pennsylvania and the City of Philadelphia. His work routinely involved complex Dutchman repairs, epoxy repairs, strap hinge replacement, painting, dowel reinforcement at deteriorated mortise-and-tenon joints, replacement and glazing of broken glass panes, cedar shingle roof repair, stabilization and repointing of stone foundations, re-creation of exterior architectural moldings by hand and other rehabilitation and carpentry activities. In 2009, he developed the "Annual Property Inspection Maintenance Manual for Fairmount Park Historic Preservation Trust Lessees."

**2005-2007 – Center for Historic Architecture and Design, University of Delaware
*Research Assistant***

From 2005 to 2006 Mr. Stevenson assisted in the preparation and finalization of Delaware's Scenic and Historic Byways Manual to assist citizens with the nomination of historic byways. In addition, he performed extensive background research and fieldwork for the proposed Harriet Tubman Underground Railroad Byway. The goal of this scenic and historic highway is to provide the traveler with opportunities for experiencing Delaware's Underground Railroad history by guiding visitors to locations where this history happened.

From 2006-2007 Mr. Stevenson was the project lead for the Historic Agricultural Landscapes in Delaware project. This project began in 1998 when the Center for Historic Architecture and Design (CHAD) contracted with the Delaware Agricultural Lands Preservation Foundation (DALPF) to document farmsteads whose owners were applying for permanent protection through the purchase of development rights. The project's goal was to evaluate the level of historic significance of each farm complex; the results for the evaluation would be factored in with other criteria used by DALPF in ranking applications for development rights purchase. Fieldwork was conducted at each farm to document the number and type of historic buildings present. Following the fieldwork each farm was rated on five criteria developed by the CHAD staff and generally fashioned after the National Register of Historic Places Criteria for Evaluation.

**2003-2005 – Allentown Preservation League, Allentown, Pennsylvania.
*Board Member***

Mr. Stevenson served two years as a board member for the Allentown Preservation League, a small non-profit organization. The Allentown Preservation League promotes historic preservation in Allentown, Pennsylvania and the greater Lehigh Valley. The organization operates an architectural salvage warehouse in Allentown, Pennsylvania.



RICHARD T. WILL, PH.D.

EDUCATION

Ph.D., Anthropology, University of Alberta, 1985
M.S., Quaternary Sciences, University of Maine, 1981
B.A., Anthropology, University of Arizona, 1976

PROFESSIONAL REGISTRATIONS

Register of Professional Archaeologists, 1999
List of Approved Archaeologists, Maine, 1987
List of Approved Archaeologists, New Hampshire, 2000
List of Approved Archaeologists, Vermont, 2005

AREAS OF EXPERTISE

Dr. Will has over 20 years of experience encompassing:

- Business Management
- Large and Small Scale Archaeological Surveys
- Archaeological Site Data Recovery
- Cultural Resources Management Plans
- Native American Consultation
- Lithic and Faunal Analysis
- Report Writing and Editing
- Public Education

REPRESENTATIVE EXPERIENCE

Dr. Will has been a professional archaeologist since earning his Doctorate in Anthropology in 1985. Since then, he has been employed as a social science researcher in criminology and archaeology. Dr. Will has been an Adjunct Professor in the Climate Change Institute at the University of Maine where he occasionally teaches classes and advises graduate students. In 1989, he founded a small business to serve Maine companies with their cultural resources management needs as required by state law and Section 106 of the National Historic Preservation Act. Dr. Will had been the project director on numerous small and large-scale cultural resources management projects that have involved cost-effective and timely solutions to sometimes-complex issues ranging from survey design to Native American consultation. Currently, he is Principal Scientist for the cultural resource management practice at TRC.

Business Management (CEO, 1989–2003)

Archaeological Research Consultants, Inc. was incorporated in Maine in 1989 to provide cultural resources management consulting to the business community. It additionally competed for and won grants to undertake scientific research and publication in archaeology. Its client base grew from a few local businesses to include Bangor Hydro, Bowater International, Central Maine Power, Florida Power and Light, International Paper, and Pennsylvania Power and Light to name but a few. TRC acquired Archaeological Research Consultants in 2003.

Large and Small Scale Archaeological Surveys

Dr. Will is the principal investigator on numerous projects, including linear transmission and hydropower that require cultural resources management studies.

- **Cultural Resources Management of the Federal Relicensing of the Niagara Power Project, Western NY (Principal Investigator: 2005–2014).** This multiyear project was initiated by the New York Power Authority. Dr. Will directed and completed all phases of cultural resources management investigations on this project including Native American consultation.
- **Phase IA and IB Archaeological Studies of the St. Lawrence Wind Farm Project, Western NY (Principal Investigator: 2006–2007).** Dr. Will successfully conducted consultation with the New York Office of Parks, Recreation and Historic Preservation to define and implement a scope of work to identify and assess archaeological sites within this large proposed wind farm undertaken by Acciona Energy, NA
- **Cultural Resources Management Studies of the Maine Portion of the Maritimes & Northeast Natural Gas Pipeline Project (Project Director and Principal Investigator: 1998–2000).** This project was completed for Maritimes and Northeast, LLC. It involved archaeological sampling and survey of approximately 350 miles of natural gas pipeline corridor beginning at the St Croix River (Maine Canadian boundary) and ending at the Piscataqua River (Maine-New Hampshire boundary). More than 40 personnel were involved in this multiyear project, which completed on time and within budget.
- **Cultural Resources Management Studies for the Federal Licensing of the Moosehead Lake Outlet Dams (FERC no. 2671) (Project Director and Principal Investigator: 1992–2004).** This multi-year project was initiated for Central Maine Power Company and is being completed for FPLE Maine Hydro. It began in 1992 with survey of more than 200 prehistoric archaeological sites along 350 miles of shoreline. Additional fieldwork has involved data recovery on eight sites eligible for listing in the National Register of Historic Places.

Archaeological Site Data Recovery

Dr. Will has been principal investigator on more than a dozen large-scale data recovery projects involving more than 700 square meters of excavation, analysis, and reporting. Many of these data recovery studies have been the basis of research articles in a variety of professional journals.

- **Phase III Study of the Clark I Site (Project Director and Principal Investigator: 2000).** This data recovery project was completed for FPLE Maine Hydro under a contract originally awarded by Central Maine Power Company. Excavation in river alluvium in Norridgewock, Maine proceeded to more than 1.5 meters below the ground surface and yielded a sequence of human occupations spanning 6,000 years. Results of this study were published in the *Archaeology of Eastern North America* in 2002.
- **Phase III Study of the Chan Site (Project Director and Principal Investigator: 1996).** This project was completed for the Maine Public Service Company in Caribou, Maine. The site yielded a variety of data from a geographic area of Maine that is not well known. A report of the project was published in the *Bulletin of the Maine Archaeological Society* in 1997.
- **Phase III Study of the Bombazee West Site (Project Director and Principal Investigator: 2000).** This project was completed for FPLE Maine Hydro and involved excavation of a Woodland Period site to a depth of 2.0 meters along the Kennebec River in Norridgewock, Maine. A report of the project was published in the *Bulletin of the Maine Archaeological Society* in 2001.

Historic Properties Management Plans (HPMP)

Dr. Will has written Historic Properties Management Plans (HPMPs) as required under Section 106 of the National Historic Preservation Act (1966) for a number of clients. These plans have been reviewed and approved by State Historic Preservation Officers, the Advisory Council on Historic Preservation, the Federal Energy Regulatory Commission, and the Department of Defense.

- **Historic Properties Management Plans for the Ripogenus and Penobscot Mills Projects (1999).** The plans for these northern Maine, federally licensed dams were prepared for Bowater International and are now being implemented by Brookfield Power, the current owner of the projects. The plans involve archaeological site investigations phased in over a 7-year period and public education initiatives.

- **Historic Properties Management Plans for the Milford, Stillwater and Veazie Projects (1999).** The HPMPs for these central Maine, federally licensed dams were prepared for Penobscot Power & Light, Maine. The plans call for data recovery and interpretation of findings at several large and important prehistoric Native American sites and also include public education initiatives.
- **Historic Properties Management Plans for the Maine Army National Guard (2002).** The CRMP for the Maine Army National Guard was completed in 2002 to provide a model for managing known and anticipated cultural resources in the Guard's training facilities, which are located around the state of Maine.

Native American Consultation

Dr. Will has worked with leaders of the Penobscot Indian Nation and the Passamaquoddy Tribe since 1998 and has earned their trust as an honest and reliable negotiator. He has worked with these Native American tribes to negotiate cultural resources management plans on behalf of the U.S. Environmental Protection Agency, the Maine Army National Guard, and PPL Maine. Currently, he serves as consulting archaeologist to the Passamaquoddy Tribal Historic Preservation Officer. He has also worked on Section 106 consultation with leaders of the Seneca, Tonawanda Seneca, and Tuscarora Indian Nations in western New York.

Lithic and Faunal Analysis

Dr. Will has advanced graduate training in the identification and analysis of prehistoric Native American stone and bone artifacts as well as food bone remains recovered from archaeological sites. He has conducted studies on these materials from sites in Maine, Montana, and the High Arctic. His research has been published in ***American Antiquity***, ***Archaeology of Eastern North American***, ***Lithic Technology***, ***Northeast Anthropologist***, and ***Zooarchaeological Research News***, to name but a few.

Report Writing and Editing

Dr. Will is the author or co-author of more than 80 archaeological reports ranging in length from a few dozen pages to more than 450 pages. He has co-authored a book on dinosaurs and has also written and published on criminal justice issues, such as alternative sanctioning for non-violent offenders and AIDs in prison. Dr. Will served as Associate Editor (1986–1994) for ***Crime and Justice***, and internationally acclaimed book series published by the University of Chicago Press and currently serves as Editor for the ***Maine Archaeological Society Newsletter***.

Public Education

Dr. Will has been actively involved in public education for more than a decade. He serves as an Adjunct Professor of Quaternary Studies at the University of Maine where he advises graduate students and teaches courses in archaeology. Additionally, he teaches adult education courses, speaks in the public school system, and frequently is asked to lecture on archaeology to historic societies and civic organizations. One of his major accomplishments is the production of archaeological curriculum materials that are now in use in more than 50 Maine schools and libraries.

PROFESSIONAL AFFILIATIONS

- **Adjunct Professor (ex officio)**, Institute for Climatic Change, University of Maine
- **Member**, Maine Historic Preservation Commission
- **Editor**, Maine Archaeological Society Newsletter
- **Research Associate (ex officio)**, Robert Abbe Museum
- **Member, Board of Directors (ex officio)**, Maine Humanities Council
- **Member, Board of Directors (ex officio)** Woodlawn Museum

PUBLICATIONS AND PRESENTATIONS

Dr. Will has published in several scholarly journals, has authored and coauthored numerous cultural resources management reports, and has presented at professional meetings

Journal and book articles

- 2015 The Little Ossipee North Site (7.7) and the Gulf of Maine Archaic Tradition. *Bulletin of the Maine Archaeological Society* 55(1):1-38.
- 2014 Precontact Pottery from Moosehead Lake, Maine: Some Insights on Manufacture and Use. *Bulletin of the Maine Archaeological Society* 54(1):1-45.
- 2013 The Limington Rips Site (7.4). *Bulletin of the Maine Archaeological Society* 53(2):31-61.
- 2012 Site 117.39: A Probable Middle Archaic Chipped Stone Tool Workshop and Cache Location, Rockwood, Maine. *Bulletin of the Maine Archaeological Society* 52(1):27-56.
- 2007 The Corrigan Site (with Edward Moore. *The Maine Archaeological Society Bulletin* (47):35-50.
- 2006 Intersite Comparisons of Archaic Period Stone Artifacts: The Clark I Site and the Gulf of Maine Archaic Tradition (with James Clark). In *The Archaic of the*

Far Northeast, edited by David Sanger and M. A. P. Renouf. The University of Maine Press, Orono.

- 2003 Bone Artifacts: Continuity in Technology and Form. In Pre-European Archaeological Sites Along the Maine Coast. *Northeast Anthropology* 64:5–16.
 - 2002a Understanding Archaic Period Ground Stone Tool Technology through Debitage Analysis from the Clark I Site, Norridgewock, Maine. *Archaeology of Eastern North America* 30:29–38.
 - 2002b Recent Late Paleoindian Finds in Maine (with Edward Moore). *Bulletin of the Maine Archaeological Society* 42(1):1–14.
 - 2001a The Bombazee West Site (52.10): A Small Ceramic Period Site on the Kennebec River (with Karen Mack and Alice Kelley). *Bulletin of the Maine Archaeological Society* 41(1):1–23.
 - 2001b A Tale of Two Flint-Knappers: Implications for Lithic Debitage Studies in Northeastern North America. *Lithic Technology* 25(2):101–119.
 - 2000 Calcined Turtle Bones from the Little Ossipee North Site in Southwestern Maine (with Kristin Sobolik). *Archaeology of Eastern North America* 28:15–28
- Radiocarbon Chronology of Northeastern Paleo-American Sites: Discriminating Natural and Human Burn Features (with Robson Bonnichsen). In *Ice Age Peoples of North America: Environments, origins, and Adaptations of the First Americans*, edited by R. Bonnichsen and K. Turnmire. Oregon State University Press, Corvallis.
- 1998 Archaeological Investigations at the Janet Cormier Site (23.25), Poland, Maine (with Edward Moore). *Bulletin of the Maine Archaeological Society* 38(1):23–38.
 - 1997 Excavations and Endsrapers at the Chan Site (177.2) (with Edward Moore and James Clark). *Bulletin of the Maine Archaeological Society* 37(2):1–23.
 - 1996a Stone Artifact Movement on Impounded Shorelines: A Case Study from Maine (with James Clark). *American Antiquity* 61(3):499–519.
 - 1996b A Probably Middle Archaic Cemetery: The Richmond-Castle Site in Surry, Maine (with Rebecca Cole-Will). *Archaeology of Eastern North America* 24:149–158.

- 1996c An Example of Late Middle Ceramic (Woodland) Period Biface Production Technology, Moosehead Lake, Maine. *Archaeology of Eastern North America* 24:227–238.
- 1990 A Preliminary Report on the Ann Hilton Site (with Rebecca Cole-Will). *The Maine Archaeological Society Bulletin* 15:1–11.
- 1984 Muskox Procurement and Use on Banks Island by Nineteenth Century Copper Inuit. In: D.R. Klein, R.G. White and S. Keller (eds.) *Proceedings of the First International Muskox Symposium. Biological Papers of the University of Alaska, Special Report, No. 4:153–161.*
- 1982a The Use of Wildlife Data in Archaeological Faunal Analysis. *Canadian Journal of Anthropology* 2(2):189–194.
- 1982b Review of *Bones: Ancient Men and Modern Myths* by L.R. Binford. *Zooarchaeological Research News* 1(1):7–8.
- 1980 Cultural Modification of Bone: The Experimental Approach in Faunal Analysis (with Robson Bonnicksen). In: B.M. Gilbert, (ed.) *Osteoarchaeology: North America*, pp. 7–30. Laramie, Wyoming.
- 1979 Prehistoric Pottery from Two Maine Sites. *Maine Archaeological Society Bulletin* 19:31–41.

Reports

- 2014 Phase III Archaeological Investigations of the Channer Point Site (130.27), Moosehead Lake Outlet Dams Hydroelectric Storage Project, Somerset County, Maine (FERC No. 2671). Report on file with the Maine Historic Preservation Commission, Augusta, ME.
- 2013a Phase III Data Recovery for NPP5: Niagara Power Project (FERC No. 2216.). (With E. Moore, K. E. Mack, and J. Clark). Report prepared for the New York Power Authority, White Plains.
- 2013b Results of a Phase II Cultural Resources Investigation of the Access Road on the Eddington Bend Site, or Site 74.8 in Eddington, Penobscot County, Maine (with K. E. Mack). Report on file with the Maine Historic Preservation Commission, Augusta, ME.
- 2013c Historic Properties Management Plan for the Flagstaff Project (FERC No. 2612). Document prepared for Brookfield Renewables, Hallowell, Maine.

- 2013d Monitoring of Archaeological Sites and Resources within S.D. Warren Company's Presumpscot River Hydroelectric Projects. (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta, ME.
- 2011 Results of Phase I Archaeological Survey of the Antrim Wind Energy Project Antrim, Hillsborough County, New Hampshire. (with Karen Mack). Report on file at New Hampshire Division of Historical Resources, Concord, NH.
- 2010a Maine Power Reliability Program: A Central Maine Power Company Program, Phase II Precontact Archaeological Resources Report. (with James Clark, Karen Mack, and Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta, ME.
- 2010b Maine Power Reliability Program: A Central Maine Power Company Program, Precontact Archaeological Survey Report for MPRP Segment 15Alt, Re-Rate Segments 30A, 34B, 34C, 35B, 38B, 41, Substations & Minor Modifications. (with James Clark, Karen Mack, and Maureen Smith). Report on file with the Maine Historic Preservation Commission, Augusta, ME.
- 2010c Results of Phase II Precontact Archaeological Investigations of Site 74.172 in Milford, Penobscot County Maine as part of Bangor Hydro Electric Company Line 64 Rebuild Project. (with Karen Mack and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2010d Results of Phase I Precontact Archaeological Survey of the GenLead LLC, Transmission Line, Aroostook and Penobscot Counties, Maine. (with Karen Mack and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2010e Results of Phase III Precontact Archaeological Investigations of Site 74.8 in Eddington Bend, Penobscot County Maine as part of Bangor Hydro Electric Company Line 64 Rebuild Project. (with Karen Mack and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2010f Results of Phase I/II Archaeological Survey of the Public Service Company of New Hampshire's Eliot Substation Project, York County Maine. (with Karen Mack). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2009a Report on 2007 Archaeological Data Recovery Big Ram Site (Site 36.32) Gulf Island/Deer Rips Hydroelectric Project (FERC #2283) Androscoggin County, Maine. (with Karen Mack and James Clark. Report on file with the Maine Historic Preservation Commission, Augusta.

- 2009b Results of Phase I Precontact Archaeological Survey of the Bangor Hydro Electric Company Line 64 Rebuild Project, Penobscot County, Maine. (with Karen Mack and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2009c Report on 2007 Archaeological Data Recovery Cape Site (Site 36.27) Gulf Island/Deer Rips Hydroelectric Project (FERC #2283) Androscoggin County, Maine. (with Karen Mack and James Clark). Report on file with Maine Historic Preservation Commission, Augusta.
- 2009d Phase II Determination of eligibility for precontact period archaeological resources, Salem – Manchester IM-IR-93-1(174)0, 10418C, I-93 Transportation Improvement Project, prepared for Parsons-Brinckerhoff. (with Karen Mack, James Clark, and Larry Elrich). Report on file at New Hampshire Division of Historical Resources, Concord, NH.
- 2008 Phase II Cultural resources Investigation: Niagara Power Project (FERC No. 2216). Report on file with the New York Power Authority, White Plains and the New York Office of Parks, Recreation, and Historic Preservation, Albany.
- 2006a Phase IB Cultural resources Investigation: Niagara Power Project (FERC No. 2216). Report on file with the New York Power Authority, White Plains and the New York Office of Parks, Recreation, and Historic Preservation, Albany.
- 2006b Phase I & II Archaeological Survey, Tinker Hill Subdivision, Ellsworth, Hancock County, Maine. (with Rebecca Cole-Will and Jacob Freedman). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2006c Results of Phase I prehistoric Archaeological Survey of the Littlejohn Subdivision, Yarmouth, Cumberland County, Maine. (with Jacob Freedman). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2005 VOICES OF THE PEOPLE: Perspectives on Project Effects by the Tuscarora. Report on file with the New York Power Authority, White Plains, and the Tuscarora Nation, Sanborn, New York.
- 2004a Results of Phase III Archaeological Data Recovery at Sites 121.52a and 121.52b Located within the Penobscot Mills Project (FERC No. 2458), Piscataquis County, Maine (with E. Moore, J. Marron, and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2004b Reconnaissance Archaeological Survey of the Land for Maine's Future Board Parcel Located on Tinker Island, Hancock County, Maine (with Peter Morrison)

- and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2003a Phase II Investigations of the Bar Mills Project (FERC No. 2194), York County, Maine (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2003b The Archaeology and Prehistory of Moosehead Lake, Maine: Phase III Data Recovery from Seven Sites (with J Clark, L. Elrich, and B. Newsom). Report on file with FPL Energy Maine Hydro, LLC, 160 Capitol Street, Augusta.
- 2003c Results of a Partial Phase III Archaeological Data Recovery at Five Sites within the Ripogenus Hydroelectric Project (FERC No. 2572), Piscataquis County, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2002a Results of a Phase I Archaeological Survey of the Proposed Merrymeeting Airfield Project Bowdoinham, Maine (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2002b Report on a Phase I Archaeological Survey of the Bar Mills Project (FERC No. 2194), York County, Maine (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2002c Report on a Phase I and Phase II Archaeological Survey and Study of the Maine Natural Gas Mid-Coast Natural Gas Pipeline Project, Bowdoin to Brunswick, Maine (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2002d Phase I Prehistoric Archaeological Survey of the Ferland Farm Project, Poland, Androscoggin County, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 2002e Phase I Archaeological Survey of the Portland International Jetport Project, South Portland, Cumberland County, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 2001a Report on a Phase I Archaeological Survey of Bangor Hydro-Electric Company's Line 13 Reroute, Hancock, Maine (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2001b Phase I Archaeological Survey of the Monmouth Water Main Interconnection, Monmouth, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.

- 2001c Report on a Phase I Archaeological Survey of the Proposed Eliot Natural Gas Compressor Station, York County, Maine (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2001d Report on a Phase I Archaeological Survey of the McGrath Pond Municipal Recreation Area, Oakland, Maine (with Bonnie Newsom). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2001e The Esker Site (84.12): A 14C Dated Paleoindian Campsite along the Kennebec River in Caratunk, Maine (with Edward Moore and Christopher Dorion). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2000a The Clark I Site (52.16): Results of Phase III Prehistoric Archaeological Resource Investigations in the Weston Hydroelectric Project (FERC #2325), Norridgewock, Somerset County, Maine (with James Clark, Bonnie Newsom, Karen Mack, and Christopher Dorion). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2000b Phase I Archaeological Survey of the Proposed Calpine Electrical Transmission Project, Gorham to Westbrook, Cumberland County, Maine (with Julia Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2000c Results of Phase I and II Archaeological Testing of the Great Works Hydroelectric Project, FERC No. 2312, Penobscot County, Maine (with Julia Clark, Karen Mack, John Mosher, and Bonnie Newsom). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2000d Results of Phase III Archaeological Testing of the Proposed University of New England's Marine Studies Center, Biddeford, York County, Maine (with Karen Mack). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2000e Results of Phase I and II Archaeological Testing of the Eastern Surplus Company Superfund Site, Meddybemps, Washington County, Maine (with Julia Clark, Karen Mack, John Mosher and Bonnie Newsom). Report on file with the Maine Historic Preservation Commission, Augusta.
- 2000f Phase III Archaeological Investigations of the Tim Pond Brook Site (84.40), Franklin County, Eustis, Maine (with John Mosher). Report on file with the Maine Historic Preservation Commission, Augusta.

- 1999a Phase III Archaeological Resource Mitigation of the Chartier Field Site (7.12) in the Bonny Eagle Hydroelectric Project (FERC #2529), Standish, Maine (with Edward Moore and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999b The Limington Rips Site (7.4): Results of Phase III Prehistoric Archaeological Resource Mitigation on the Bonny Eagle Hydroelectric Project (FERC #2529), Limington, Maine (with Edward Moore and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999c Phase III Archaeological Resource Mitigation of the Quartz Scraper Site (36.29), Gulf Island/Deer Rips Hydroelectric Project (FERC #2283), Turner, Androscoggin County, Maine (with James Clark and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999d Additional Phase I Archaeological Survey of the Proposed University of New England Marine Center, Biddeford, York County, Maine (with Karen Mack). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999e Phase II Archaeological Testing of the Storage Project (FERC No. 2634), Piscataquis and Somerset Counties, Maine (with James Clark and Julia Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999f Cultural Resource Investigations, Maritimes & Northeast Pipeline, L.L.C., Phase II Pipeline Project, Maine. FERC Docket No. CP96-809-000: Prehistoric Archaeological Survey Report for January 1998 – February 1999 (with Julia Clark and Karen Mack). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999g Cultural Resource Investigations, Maritimes & Northeast Pipeline, L.L.C., Phase II Pipeline Project, Maine. FERC Docket No. CP96-809-000: Prehistoric and Historic Archaeological Investigations Along Proposed Laterals, 1998 (with Julia Clark, Karen Mack, Wayna Roach, and Kathleen Wheeler). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999h The Bombazee West Site (52.10): Results of Phase III Prehistoric Archaeological Resource Investigations in the Weston Project (FERC #2325), Norridgewock, Maine (with Karen Mack and Alice Kelley). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999i Phase II Archaeological Study of Mooselookmeguntic Lake, Maine, Upper and Middle Dam Storage Project (FERC UL94-1) (with Edward Moore and James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.

- 1999j A Summary of Archaeological Phase I and II Investigations Conducted at Site 96.02, Meddybemps, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999k Phase I Archaeological Survey of the Proposed Calpine Natural Gas Lateral, Gorham to Westbrook, Cumberland County, Maine (with Julia Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1999l Cultural Resource Investigations, Maritimes & Northeast Pipeline, L.L.C., Phase II Pipeline Project, Maine. FERC Docket No. CP96-809-000: Supplemental Report, Prehistoric Archaeological Survey (with Karen Mack and Julia Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998a Results of Phase I Archaeological Survey of the Storage Project (FERC No. 2634) (with James Clark and Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998b Results of Phase II Archaeological Survey of the Flagstaff Project (FERC #2612), Somerset and Franklin Counties, Maine (with James Clark and Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998c Results of Phase I Survey for Prehistoric Archaeological Resources on the Proposed RPA T/L Transmission Line Project, Oxford County, Maine (with James Clark and Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998d Results of Phase I Archaeological Survey of the Medway Alternative to the Weldon Transmission Line Project, Penobscot County, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998e Phase I Archaeological Survey of the Proposed Great Northern Paper Company Intermill Tie Line, Penobscot County, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998f Results and Recommendations of a Phase 0 Archaeological Review of the Indian Pond Project (FERC #2634), Piscataquis and Somerset Counties, Maine (with James Clark and Christopher Dorion). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998g Results of Phase I Archaeological Survey of the Indian Pond Project (FERC No. 2142), Piscataquis and Somerset Counties, Maine (with James Clark and

- Christopher Dorion). Report on file with the Maine Historic Preservation Commission, Augusta. 1998h Phase I Archaeological Survey of the Sandy River Portion of the Weston Project (FERC no. 2325), Somerset County, Maine (with James Clark and Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998i Results of Phase I Archaeological Survey of the Proposed Casco Bay Energy Gas-Fired Facility (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998j Phase I Archaeological Survey of the Proposed West Falmouth Crossing Project, Cumberland County, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998k Phase II Testing of Site 8.18, West Falmouth Crossing Project, Cumberland County, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998l Phase I Archaeological Survey of the Gorham Energy Project in Gorham, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998m Reconnaissance-Level Archaeological Survey of the Craig Brook National Fish Hatchery, East Orland, Hancock County Maine (with James Clark and Kathleen Wheeler). Report on file with the U.S. Fish and Wildlife Service, Hadley, Massachusetts.
- 1998n Phase I Survey of the Proposed University of New England's Marine Studies Center, Biddeford, York County, Maine (with Karen Mack). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1998o Cultural Resources Investigations, Maritimes & Northeast Pipeline, L.L.C., Phase II Pipeline Project, Maine. FERC Docket No. CP96-809-000. Volume 1: Archaeological Survey Report (with Kathleen Wheeler, Edward Moore, Ellen Marlatt, and Julia Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1997a Results of Phase I Archaeological Survey of the Proposed Line 60 Project (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1997b Interim Report on the Results of a Phase I Archaeological Survey of the Bowater/Great Northern Paper Company Storage project (FERC 2634) (with

- James Clark and Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1997c Results of Phase I Archaeological Survey of the Proposed Cherryfield Cranberry Project (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1997d Cultural Resources Investigations, Joint Pipeline Project, Massachusetts, New Hampshire, Maine (with multiple authors). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1997e Archaeological Investigations at the Janet Cormier Site (23.25), Poland, Maine (with Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1997f Reconnaissance-Level Archaeological Survey of the Craig Brook National Fish Hatchery East Orland, Hancock County, Maine (with James Clark and Kathleen Wheeler). Report on file with the U.S. Fish and Wildlife Service, U.S. Department of the Interior.
- 1997g Phase I Archaeological Survey of Mooselookmeguntic Lake, Maine, Upper and Middle Dams Storage Project (FERC UL94-1) (with James Clark and Edward Moore). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1996a Phase I Archaeological Resource Assessment of the Flagstaff Lake Storage Project (FERC No. 2612) Somerset and Franklin Counties, Maine (with James Clark and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1996b Phase II Archaeological testing of the Augusta Hydroelectric Project (FERC #2389) Kennebec County, Maine (with James Clark and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1996c Phase III Archaeological data Recovery at the Little Ossipee North Site (7.7) (with James Clark, Edward Moore, and others). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1996d Results and Recommendations of Phase 0 Archaeological Review of the Storage Project (FERC #2634), Piscataquis and Somerset Counties, Maine (with James Clark and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.

- 1995a Rachel Carson National Wildlife Refuge Historic and Prehistoric Archaeological Resource Survey (with Emerson Baker, Janet Cormier, and James Clark). Report on file with the U.S. Fish and Wildlife Service, U.S. Department of the Interior.
- 1995b Phase I Archaeological Survey of the Magalloway Acres-Wilson's Mills Subdivision, Lincoln Plantation, Oxford County, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1995c Phase I Archaeological Survey of the Holmes Road Subdivision, Scarborough, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 1995d Archaeology on Clarks Island, Portsmouth Naval Shipyard: Results of a Phase I Archaeology Survey (with Kathleen Wheeler). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1995e The Nicholas Site: A Late Paleoindian Campsite in Southern Oxford County, Maine (with Deborah Wilson and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1995f Phase III Archaeological Mitigation of the C. Varney Site (36.30) Gulf Island/Deer Rips Hydroelectric Project (FERC #2283) Turner, Androscoggin County, Maine (with James Clark and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1994a Phase II Archaeological Survey of Eight Prehistoric Sites Located Within the Burnham Hydropower Project (FERC No. UL91-03-ME) Area, Waldo and Somerset Counties, Maine (with Deborah Wilson and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1994b Phase II Archaeological Survey of the Moosehead Lake Outlet Dams Project (FERC #2671) Somerset and Piscataquis Counties, Maine (with James Clark, Rebecca Cole-Will, Janet Cormier, and Sarah Staber). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1994c Phase 0 Archaeological Review of the Damariscotta Mills Hydropower Project (FERC No. UL89-34-ME) (with James Clark, Janet Cormier, and Emerson Baker). Report on file with the Maine Historic Preservation Commission, Augusta.

- 1994d Results and Recommendations of Phase 0 Study of the Flagstaff Storage Project (FERC #2612), Somerset and Franklin Counties, Maine (with James Clark and Janet Cormier). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1994e Phase I Archaeological Survey of the Bar Harbor Airport Project, Hancock County, Maine. Report on file with the Maine Historic Preservation Commission, Augusta.
- 1994f Review of the Hancock Timber Resource Project Area for Prehistoric Archaeological Potential. Report submitted to the Conservation Group, Brunswick, Maine.
- 1994g Phase I Archaeological Survey of the Proposed Gravel Pit Expansion, King Brothers Trucking/Dodlin Road Gravel Pit, Enfield, Penobscot County, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1992a Phase IIA Archaeological Survey of the Moosehead Lake Outlet Dams Project (FERC #2671), Somerset and Piscataquis Counties, Maine (with James Clark and Rebecca Cole-Will). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1992b An Archaeological Phase 0 of the U.S. Windpower - New England Energy Station. Report on file with the Maine Historic Preservation Commission, Augusta.
- 1992c Phase I Archaeological Survey of the Proposed International Paper, Hoytville Sand and Gravel Extraction Site in Howland, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1992d Phase I Archaeological Survey of the Proposed Tilcon/Maine Inc. Mineral Extraction Site Medway, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1992e Phase I Archaeological Survey of the Proposed Expansion of the Windham Gravel Pit, Grondin Property, Windham, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1991c Phase I Archaeological Survey of the Augusta Hydroelectric Project (FERC #2389), Kennebec County, Maine (with James Clark and Rebecca Cole-Will). Report on file with the Maine Historic Preservation Commission, Augusta.

- 1991b Phase I Archaeological Survey of the Moxie Pond Storage Facility (FERC # 2613), Somerset County, Maine (with James Clark and Rebecca Cole-Will). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1991c A Report on the Excavation and Analysis in Progress of the Ann Hilton Site (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1991d Results of Phase I Archaeological Survey of the Mars Hill Wastewater Treatment Project, Mars Hill, Aroostook County, Maine (with James Clark). Report on file with the Maine Historic Preservation Commission, Augusta.
- 1990 Phase I Archaeological Assessment, Ellis River Pipeline, West Andover, Maine (with James Clark). Final report submitted to the Maine Historic Preservation Commission, Augusta.
- 1989a Phase I Archaeological Assessment, Mooseleuk Lake, Piscataquis County, Maine (with Rebecca Cole-Will). Final report submitted to the Maine Historic Preservation Commission, Augusta.
- 1989b Phase I Archaeological Assessment of Meddybemps Lake Subdivision, Meddybemps, Maine (with Rebecca Cole-Will). Final report submitted to the Maine Historic Preservation Commission, Augusta.
- 1989c Phase I Archaeological Assessment, Walker Pond Subdivision, Brooksville, Maine (with Rebecca Cole-Will). Final report submitted to the Maine Historic Preservation Commission, Augusta.
- 1986 A Survey for Prehistoric Site, York, Maine (with Rebecca Cole-Will). Final report submitted to the Maine Historic Preservation Commission, Augusta.
- 1985 A Survey for Prehistoric Sites in the Harraseeket Estuary, Freeport, Maine. Final report submitted to the Maine Historic Preservation Commission, Augusta.
- 1984 Nineteenth Century Copper Inuit Subsistence Strategies on Banks Island, N.W.T. Doctoral dissertation. Department of Anthropology, University of Alberta, Edmonton, Canada.
- 1980 A Study of Prehistoric Bone Tools from the Turner Farm Site, North Haven, Maine. Master of Science Thesis, Institute of Quaternary Studies, University of Maine, Orono.

- 1979 A Report on 1987 Pryor Mountain Archaeological Research (with Robson Bonnichsen). Paper No. 2. Institute for Quaternary Studies, University of Maine, Orono.
- 1978 An Evaluation of Shell Middens on the Coast of Maine (with David Sanger). Report prepared for the Critical Areas Act Program, State Planning Office and Maine Historic Preservation Commission, Augusta.

Presentations

- 2014 Precontact Period Pottery from Moosehead Lake. Paper presented at the Maine Archaeological Society Annual Meeting, May 4 29, Bar Harbor.
- 2006 Effective Methods for Native American Consultation. Paper presented at the Annual Meeting of the National Association of Hydropower, Portland Oregon, August 2.
- 2002 Bone Artifacts and Technological Continuity in Pre-European Archaeological Sites along the Maine Coast. Paper presented at the 67th Annual Meeting of the Society for American Archaeology, Denver, March 24.
- 2001 Chaucoet: An Almouchiquois Village in Biddeford, Maine. Paper presented at the Maine Archaeological Society Annual Meeting, April 29, Augusta.
- 2000a Some New Empirical Data on the Locations of Prehistoric Archaeological Sites in Maine. Paper presented at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia, April.
- 2000b Teaching Archaeology in the Public School System, Eighth Annual Research Symposium, University of Maine Institute for Quaternary Studies, Orono, Maine, May 9.
- 1998a Archaeological Resource Survey of the Proposed Maritimes & Northeast Natural Gas Transmission Pipeline, Sixth Annual Research Symposium, University of Maine Institute for Quaternary Studies, Orono, Maine, May 8.
- 1998b Some Recent Paleoindian Finds from Maine, 38th Annual Meeting of the New England Anthropological Association, University of Maine, March.
- 1997 Archaeology in the Draw Down Zone of Northern Rivers and Lakes. Fifth Annual Research Symposium, University of Maine Institute for Quaternary Studies, Orono, Maine, May 9.

- 1996a Landforms and Prehistory in Maine. Northeastern Friends of the Pleistocene 59th Field Conference. Machias, Maine, May 31.
- 1996 The Archaeological Record in the Realm of Soils and Sediments. Maine Association of Professional Soil Scientists, Waterville, Maine, March 21.
- 1994a The Little Ossipee North Site. Maine Archaeological Society, Bar Harbor, Maine, October 30.
- 1994b Soils Research Questions in Archaeology. Society for Northern New England Soil Scientists, University of Maine at Farmington, December 6.
- 1990 What We Know about Prehistoric Peoples. Maine Teachers Convention, Cultural Initiative of Maine, Waterville, Maine, October.
- 1989 The Red Paint People. Annual Meeting of the Robert Abbe Museum, Bar Harbor, Maine, October.
- 1986 Omingmak and the Copper Inuit. Bowdoin College, Brunswick, Maine with sponsorship of the Peary-McMillian Arctic Museum, April.
- 1984a Microcomputer Applications to Zooarchaeology. 17th Annual Meeting of the Canadian Archaeological Association, Victoria, British Columbia, April.
- 1984b Bone Technology Studies: Beyond Description (with Rebecca Cole-Will). 17th Annual Meeting of the Canadian Archaeological Association, Victoria, British Columbia, April.
- 1983a The Nature of Skeletal Disarticulation in Arctic Environments. 16th Annual Meeting of the Canadian Archaeological Association, Halifax, Nova Scotia, April.
- 1983b Utilization of Banks Island Muskox by Nineteenth Century Copper Inuit. First International Muskox Symposium, Fairbanks, Alaska, May.
- 1983c Omingmak: Procurement and Utilization by Nineteenth Century Copper Inuit. Boreal Circle, Boreal Institute for Northern Studies, University of Alberta, Edmonton, October.
- 1982a The Use of Microcomputers in Archaeological Research (with Terrance Gibson and Clifford Hickey). 47th Annual Meeting of the Society of American Archaeology, Minneapolis, Minnesota, April.

- 1982b Muskox Exploitation: Hunter and Gatherer Subsistence Models Re-examined. 15th Annual Meeting of the Canadian Archaeological Association, Hamilton, Ontario, April.
- 1982c Dental Annuli Analysis as an Aid in the Determination of Copper Inuit Subsistence Strategies (with James Savelle). 15th Annual Meeting of the Canadian Archaeological Association, Hamilton, Ontario, April.

HONORS AND AWARDS

- 1999 **State of Maine Historic Preservation Award.** Presented by the Maine Historic Preservation Commission at their summer meeting at Pemaquid, Maine, July.