MAINE HISTORIC PRESERVATION COMMISSION
55 Capitol Street
Augusta, Maine 04333

Earle G. Shettleworth, Jr.
Director

Telephone:
207-289-2133

July 31, 1981

Mr. Fred J. Ayer, III
Kleinschmidt and Dutting
75 Main Street
Pittsfield, Maine 04967

re: FERC Project #4894-0000 Green Lake Project

Dear Mr. Ayer:

Please note that the construction of the proposed penstock and powerhouse for this dam are in the immediate vicinity of at least two archaeological sites of potential significance to the National Register of Historic Places. We would appreciate the opportunity to discuss project details with you, and to determine the need for archaeological survey work in the proposed construction area.

Please contact Dr. Arthur Spiess of this office at your convenience.

Sincerely,

Earle G. Shettleworth, Jr.
State Historic Preservation Officer

EGS/slm

MAINE HISTORIC PRESERVATION COMMISSION
55 Capitol Street
Augusta, Maine 04333

Earle G. Shettleworth, Jr.
Director

Telephone:
207-289-2133

September 14, 1981

Mr. Frank H. Dunlap
Kleinschmidt and Dutting
75 Main Street
P. O. Box 76
Pittsfield, Maine 04967

re: Green Lake Hydroeclectric Project, FERC #4894

Dear Mr. Dunlap:

My staff archaeologist, Dr. Arthur Spiess, has carefully field checked the project area for the proposed Green Lake Hydroelectric Project. There are archaeological sites nearby, but they are outside the project impact area.

I find that this project will have no effect upon any structure or site of historic, architectural, or archaeological significance as defined by the National Historic Preservation Act of 1966.

If I can be of further assistance concerning this matter, please do not hesitate to let me know.

Sincerely,

Earle G. Shettleworth, Jr.
State Historic Preservation Officer

EGS/slm

KLEINSCHMIDT ASSOCIATES
CONSULTING ENGINEERS

File: 104-01-90 October 10, 1986

Mr. Arthur Speiss
State Historic Preservation Commission
55 Capitol Street
Augusta, Maine 04330

Green Lake Hydroelectric Project - FERC No. 7189

Dear Mr. Speiss:

The Green Lake Water Power Company is planning to reconstruct the southern 80-foot section of the Green Lake Dam, as shown in the attached Conceptual Plan and Section. The dam is currently constructed of laid up rock with a sheet pile face upstream and fish screens on top. The reconstructed dam is to be of concrete. A concrete spillway slab and floodwall will be added downstream of the reconstructed section, as shown on the drawings. The spillway crest elevation will be the same as existing, and the fish screens will be replaced in kind. The work is being performed as a maintenance project, and will improve the general condition of the dam and the downstream flood routing.

The construction will be performed from the downstream side of the dam, and no work will be required within Green Lake proper or within the bounds of the normal high water (full pond at El. 160.7'). The downstream portion of the rock structure will be removed. The sheet pile face will be supported by the remaining rock structure and by temporary beams and braces. This activity will occur after the normal fall drawdown (October 15) of this year, which will relieve forces on the dam. The foundation area will be excavated to bedrock, and a concrete gravity dam will be placed and pinned to the bedrock. A six-inch thick concrete spillway slab will be placed on compacted gravel, and a floodwall will be constructed adjacent to that. The channel created by the slab and spillway is designed to route flows up to the 100-year flood event more directly to Reed's Brook.

75 MAIN STREET, P.O. BOX 576, PITTSFIELD, MAINE 04967 TELEPHONE: 207-487-3211/3328

We understand that the project will not disturb any archaeological or historical resources. Please confirm this understanding in writing for our records. If you have any questions, please contact either Andrew Sims or me.

Sincerely,

KLEINSCHMIDT ASSOCIATES

By Frank H. Dunlap
Frank H. Dunlap
Licenses and Permits

FHD:cd
Enc. Drawing

cc: R.S. Kleinschmidt
D. Kleinschmidt
A.E. Sims

MAINE HISTORIC PRESERVATION COMMISSION
55 Capitol Street
Augusta, Maine 04333

Earle G. Shettleworth, Jr.
Director

Telephone:
207-289-2133

October 15, 1986

Mr. Frank Dunlap
Kleinschmidt Associates
P. O. Box 576
Pittsfield, Maine 04967

re: Green Lake Project, FERC #7189

Dear Mr. Dunlap:

My staff has reviewed the plans for substantial reconstruction of the southern wing of the Green Lake Dam.

I find that this project will have no effect upon any structure or site of historic, architectural, or archaeological significance as defined by the National Historic Preservation Act of 1966.

If I can be of further assistance concerning this matter, please do not hesitate to let me know.

Sincerely,

Earle G. Shettleworth, Jr.
State Historic Preservation Officer

EGS/slm

Green Lake Water Power Co.
120 Hatchery Way, Ellsworth, ME 04605-3501

May 2, 2022

Kirk F. Mohney
State Historic Preservation Officer
55 Capitol Street
65 State House Station
Augusta, ME 04333

RE: Green Lake Project (P-7189) Relicensing.

Dear Mr. Mohney,

The FERC has requested additional information for our Final License Application.

The request requires that we provide a copy of the letter to all agencies and Indian tribes, that we will consult, in preparing our response.

The following request is in Schedule B:

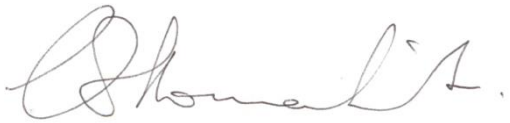
Exhibit E - Historical and Cultural Resources

17. Section 5.10.3 of Exhibit E of the application states that Green Lake Power is not aware of any prior cultural resources investigations in the project boundary. However, section 4.1 of the Revised Study Plan included in Appendix D of Exhibit E refers to the Maine State Historic Preservation Office (Maine SHPO) letter dated June 14, 2019 and filed with the Commission on March 17, 2020 which states that "approximately 5% of the Green Lake impoundment margin has been subjected to professional archaeological survey. One prehistoric archaeological site is already known on the impoundment margin." Additionally, the Revised Study Plan and section 5.10.6 of Exhibit E of the application refer to the Maine SHPO's September 14, 1981 letter regarding a field check of the original project area. This letter states that "there are archaeological sites nearby, but they are outside of the project impact area." Please obtain and file any previous archeological surveys conducted in the Area of Potential Effects of the project. Please also provide: (1) the proximity of any identified resources to the areas of erosion identified in the results of the Erosion Reconnaissance Survey; and (2) any known and potential project effects on cultural and tribal resources, including but not limited to effects associated with impoundment elevation fluctuation, vandalism, and public access.

Could you advise us where we can locate any previous archeological surveys conducted in the Area of Potential Effects of the project?

The letter, 'Reference: Deficiency of License Application and Additional Information Request' is attached.

Sincerely,



Caroline Kleinschmidt
Relicensing Coordinator
Green Lake Water Power Company

Caroline Kleinschmidt

From: Spiess, Arthur <Arthur.Spiess@maine.gov>
Sent: Wednesday, June 29, 2022 10:00 AM
To: caroline@greenlakewaterpower.com
Cc: Rideout, Megan M
Subject: RE: Green Lake Project (P-7189) Relicensing
Attachments: 4013.pdf

Categories: GreenLakeWaterPower

There is one and only one professional archaeological survey of the Green Lake impoundment shoreline, covering a small percentage of the shoreline. A copy is attached.

Dr. Arthur Spiess
Senior Archaeologist, Maine Historic Preservation
State House Station 65
Augusta, ME 04333
desk phone: 207-287-2789

From: Rideout, Megan M <Megan.M.Rideout@maine.gov>
Sent: Wednesday, June 29, 2022 9:02 AM
To: Spiess, Arthur <Arthur.Spiess@maine.gov>; Smith, Leith <Leith.Smith@maine.gov>
Subject: FW: Green Lake Project (P-7189) Relicensing

Megan M. Rideout
Review & Compliance/CLG Coordinator
Maine Historic Preservation Commission
55 Capitol Street
65 State House Station
Augusta, Maine 04333
207.287.2992

From: caroline@greenlakewaterpower.com <caroline@greenlakewaterpower.com>
Sent: Wednesday, June 29, 2022 8:37 AM
To: Rideout, Megan M <Megan.M.Rideout@maine.gov>
Subject: Green Lake Project (P-7189) Relicensing

Hi Megan,

We are preparing to respond to the FERC's requests for additional information regarding the Final License Application for the Green Lake Project P-7189.

The FERC is requesting that we obtain and file any previous archeological surveys conducted in the Area of Potential Effects of the project.

How can we access any of these previous archeological surveys?

Thanks for your help.

Regards,

Caroline

Relicensing Coordinator

Green Lake Water Power Company

Northeast Archaeology Research Center, Inc.

4013

Jim Kiser
Kiser & Kiser Co.
PO Box 282
Hampden, ME 04444

May 31, 2011

RE: Archaeological Phase I Survey of the Proposed Nevells Shore Subdivision Project (MHPC #1442-10) Ellsworth, Hancock County, Maine

Dear Jim:

We write to inform you of the completion of the recent archaeological phase I survey of the proposed Nevells Shore Subdivision Project (MHPC#1442-10) in Ellsworth, Hancock County, Maine (Figure 1). The fieldwork was conducted on May 11 through May 14, 2011 by the Northeast Archaeological Research Center, Inc. (NE ARC, Inc.) on behalf of Kiser & Kiser Co. The proposed Nevells Shore Subdivision Project is located between Route 180, which follows the western shore of Graham Lake, and the southeast shore of Green Lake (Figure 2). The Maine Historic Preservation Commission determined that the shoreline of the project area extending for approximately 1,545 meters (.96 miles) within 50 meters (55 yards) of the shoreline was determined to be sensitive for the presence of Native American activity. This specific area was the focus of the archaeological phase I survey work. No archaeological sites were identified, however, and no additional archaeological work is recommended for the project. The details of our survey work are presented below.

The archaeological phase I survey included the excavation of 59 0.5 m x 0.5 m test pits spaced at ten or twenty meter intervals along twenty two sampling transects within 50 meters (55 yards) of the shore of Green Lake (Figure 3). All phase I survey work was plotted using a hand-held GPS device with sub-meter accuracy. Testing was predominately focused on level areas in between or abutting sporadic drainages and wetlands. The majority of transects were parallel to the shoreline and within 5 to 20 meters from and 0.5-1.0 meters above the current water line. Of note, transect 14 and transect 18 were positioned on ridges of glacial deposits which formed higher narrow landforms about 1-2 meters above the water line (Figure 4).

The project area is fairly densely forested predominantly with cedar, fir and birch with some coniferous trees scattered on higher landforms and wetland scrub brush and trees on lower landforms. The terrain of the entire project area was very rocky with boulders visible in some frequency covering the ground surface. Delineated wetlands and small drainages are scatter throughout the project area.

Test pit depths below ground surface ranged from 20 cm to 80 cm and averaged 42.5cm below ground surface and most were terminated in sterile 'C' soil horizon, shallower test pits terminating due to either encounters with large boulders or standing water. General soil

382 Fairbanks Rd / Farmington Maine 04938 / 207-860-4032 / 207-860-4031 fax
nearchaeology.com

stratigraphy consisted of an 'A' organically rich dark brown to black (Munsell 10YR 2/1, 3/2, 3/3) root mat of fine sandy loam, followed by an 'E' albic horizon of grey (Munsell 10YR 5/1, 6/1) very find sandy silt. The 'B' soil horizon consisted of yellowish brown to strong brown (Munsell 10YR 4/6, 5/6 & 7.5YR 4/6) fine to medium sandy silt. Finally the 'C' soil horizon, encountered in the absence of boulders, was olive to yellow brown (Munsell 2.5Y 5/4, 6/3) fine to medium sandy silt. All strata contained a high concentration of mixed pebble, cobble and boulder intrusions. No cultural materials were identified from any of the subsurface excavations.

Conclusions and Recommendations

A phase I survey has been completed of the Nevells Shore Subdivision project by the Northeast Archaeology Research Center, Inc. No Native American or historic Euroamerican cultural material was recovered during this work. On the basis of the negative results of the survey, it is unlikely that significant Native American sites are present in the project and no further archaeological work is recommended for the proposed Nevells Shore Subdivision Project. Please call if you have any questions and thank you for the opportunity to conduct this study.

Sincerely,

Emily Isler, Staff Archaeologist
Northeast Archaeology Research Center, Inc.

Ellen R. Cowie, Ph.D., Director
Northeast Archaeology Research Center, Inc.

Figure 1. Topographic map showing the location of the proposed Nevells Shore Subdivision Project (MHPC #1442-10) in Ellsworth, Hancock County, Maine.

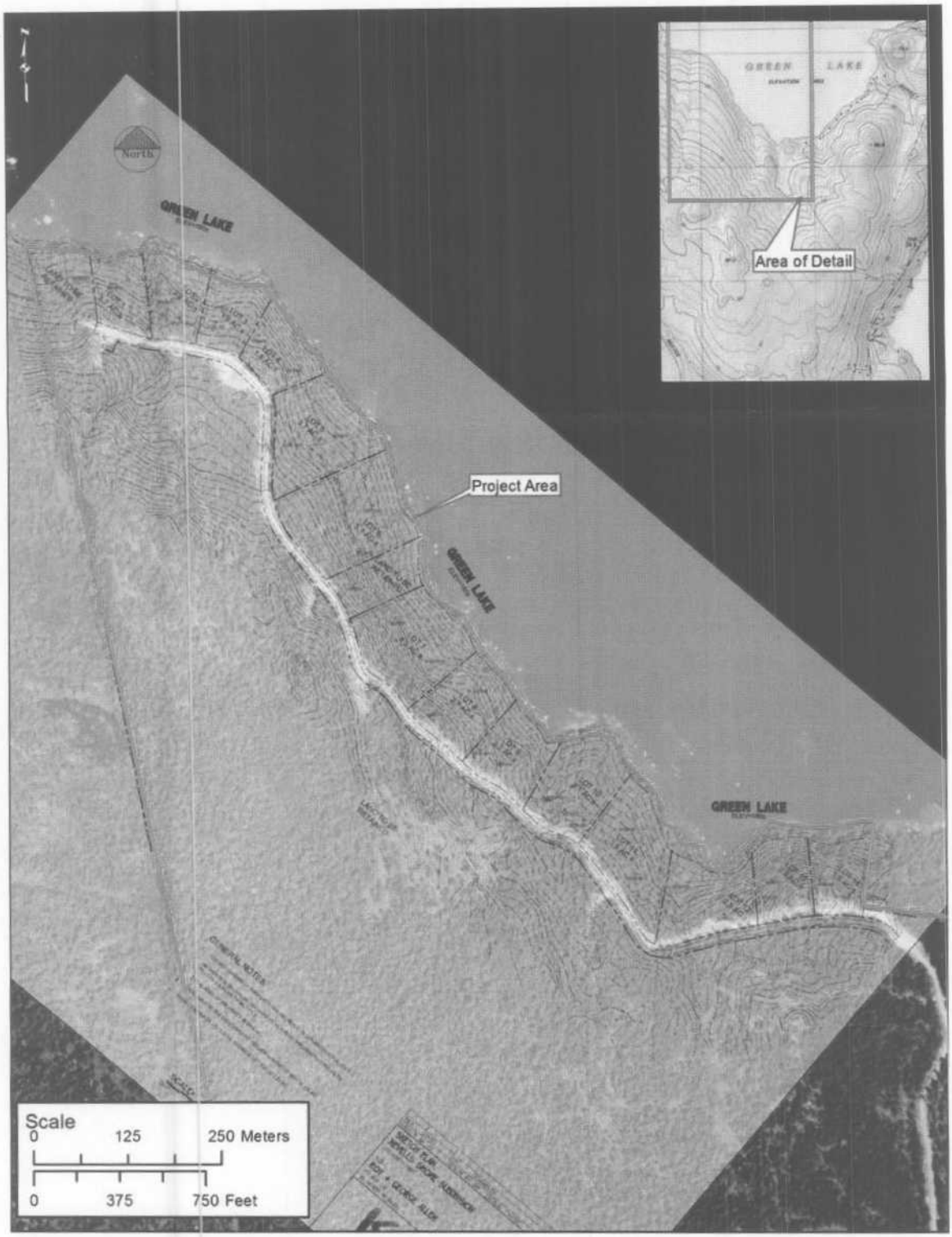


Figure 2. Aerial photograph with overlay of the proposed Nevells Shore Subdivision Project (MHPC #1442-10) in Ellsworth, Hancock County, Maine.

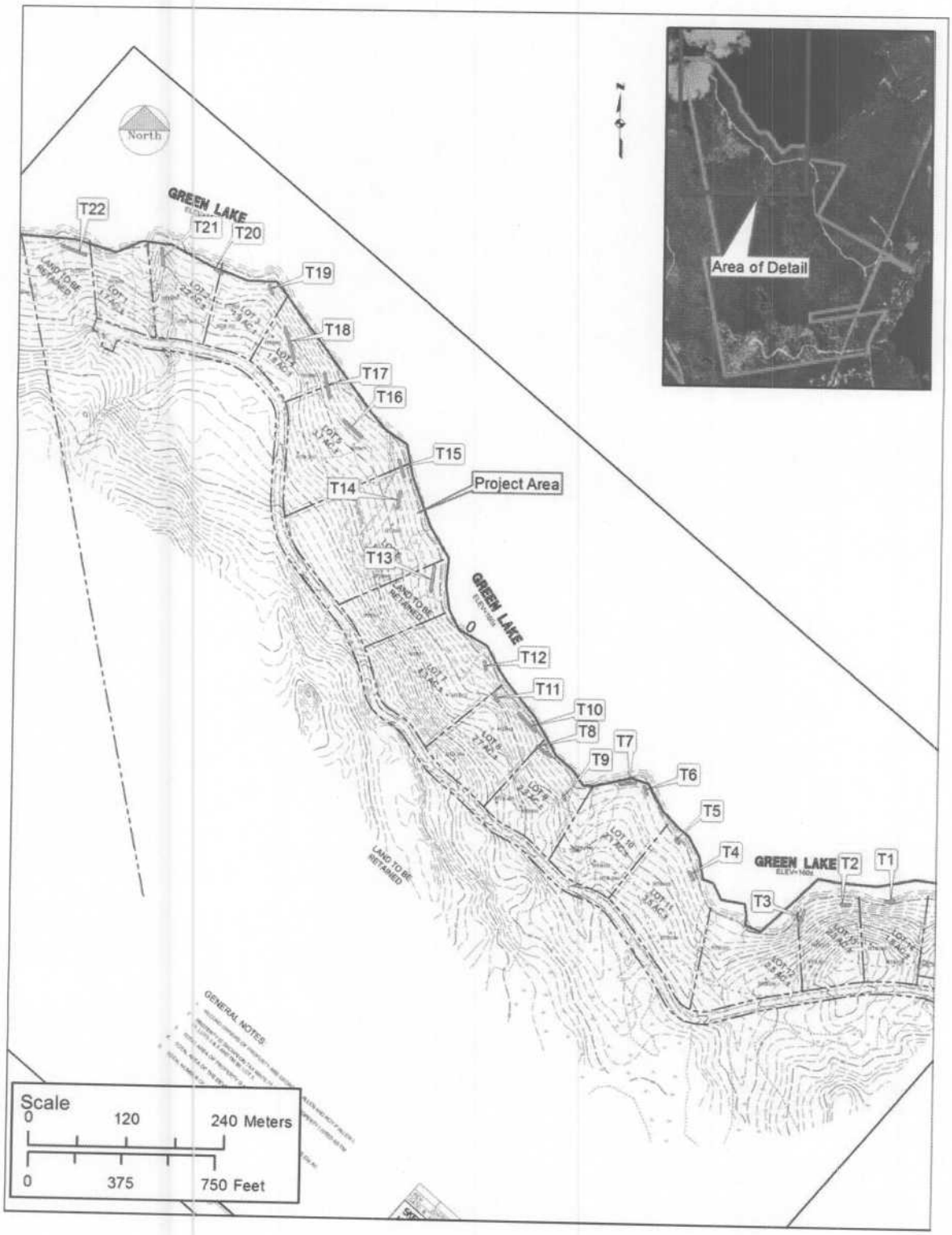


Figure 3. Subdivision plan showing the location of phase I survey transects in the Nevells Shore Subdivision Project (MHPC#1442-10) Ellsworth, Hancock County, Maine.

Figure 4. View north of crew excavating along Transect 14 during the phase I survey of the Nevells Shore Subdivision Project (MHPC #1442-10) Ellsworth, Hancock County, Maine.