



WATER-RIGHT DOCKET

Acadia National Park

Docket No: 5

ISLE AU HAUT WELL #2.

Supporting Hydro Data

06-30-1970: letter to eva zbol regarding phone call from mr. monkosky saying the subject well has been drilled

Gary Moore

June 30, 1970

Eva Zbel

Well at Isle Au Haut, Acadia National Park

Mr. Monkosky called from the Northeast Region to say that the subject well has been drilled. They went down 36 feet. Hit Water and charged \$375.00.

HAROLD SMITH**Water Well Contractor**

R.F.D. #2 • Carmel, Maine 04419 • Tel. Hermon 848-5924

*Pump Sales and Service*To United StatesDepartment Of The InteriorDATE June 15, 1970National Park ServiceAcadia National ParkHulls Cove, Maine 04644

		One Water Well 36 feet deep			\$360 00
		pipe			\$15 00
			total		\$375 00
		3 gal per. min.			
		water well drilled at Isle Au Haut, Acadia National park			
		Ranger Station, Black Dina Isle Au Haut Maine			
		OK for payment			
		under 699410710			
		Pat. Kitchman			

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27

5010-108

UNITED STATES GOVERNMENT

Memorandum

TO : R. G. Petersen, GW, Boston, Mass.

DATE: November 8, 1963

FROM : G. C. Prescott, GW, Augusta, Maine

SUBJECT: Water on Isle au Haut

I went over to Isle au Haut on Tuesday to see what I could find out about the ground-water situation. It is unfortunate that I wasn't able to go sooner before the rains came.

The Park Service is interested particularly in a site near the ranger station between two brooks in the vicinity of Moore Harbor. Of secondary interest are two sites at Duck Harbor.

In the first area the chances of obtaining water from a dug well or a spring do not appear too good as the layer of unconsolidated material on bedrock is quite thin in most places. Some of the brooks contain water the year round. The dry-weather flow probably is largely derived from the swamps where the streams start. The water in the brooks would be subject to contamination. Possibly dug wells could be constructed in the vicinity of the swampy areas and the water piped to the camp sites, but because of the distance and the possibility of obtaining poor-quality water in the swamp this is not too feasible. Perhaps the best alternative would be to drill a well, siting the well as high above sea level as reasonable to decrease the chances of drawing in salt water. I was not able to assemble any well data for Isle au Haut, but for Swans Island, where the rock is mainly granite as it is in this section of Isle au Haut, the average depth and yield of 15 wells are 100 feet and 3 gallons per minute, respectively. A yield of this amount is sufficient for the needs of the park.

The Park Service is also interested in two sites at Duck Harbor, one on the north side of the harbor and west of the road, and the other on the south side of the harbor and west of the road to Deep Cove and Western Head. In the vicinity of the first area, the Charles Hamilton family have a shallow dug well in an improbable-looking place where there is a small deposit of unconsolidated material in a depression in the bedrock. According to Mrs. Hamilton the well did not go dry this summer. Possibly careful investigation in the area proposed for development would reveal another place where a well could be dug but the prospects don't look too encouraging for a dug well. Across the harbor and west of the road to Deep Cove the prospects for a dug well are also poor. There is a dug well at the turn of the road and from there to the brook at the head of Duck Harbor there is unconsolidated material between the road (to Deep Cove) and the edge of the water. Possibly a dug well could be obtained in this area.

-2-

R. G. Petersen

November 8, 1963

Both these areas are close to the sea and the chances of obtaining salt water would be great if the wells were drilled much below sea level. However, it may be possible to obtain fresh water. In this section of Isle au Haut the predominant rock type is rhyolite. For 9 wells in Cranberry Isles where the rocks are similar the average depth is 80 feet and the average yield is 4 gallons per minute.

One reason for haste in my investigation was that a driller was scheduled to put down some private wells on Isle au Haut this fall. I met the driller Monday night and he said that he probably won't be going out this fall. Hence the pressure is off.

I talked to the Park Superintendent in Bar Harbor Wednesday morning so he knows what I found out. I gather that the decisions are made in Philadelphia anyway so you will still have to write to them.

Glenn

Glenn C. Prescott
Geologist-In-Charge

GCT/M



Maps and Miscellaneous Information

Number of Documents in Docket	6		
Documents Dated from	11/8/1963	to	6/30/1970
Docket Compiled:	1/28/2011		