

ARCHAEOLOGY

ARCHAEOLOGICAL SCREENING AND RECONNAISSANCE

Archaeological screening was completed by the CRM Group to investigate the potential for encountering archaeological materials in the area of the replacement dam.

Completed on behalf of *Halifax Water and the Special Places Program* (through a Heritage Research Permit) of the Nova Scotia Department of Communities, Culture and Heritage.

The work included:

- Archival research of land use history and ownership history including: Nova Scotia Archives, Department of Natural Resources, the Black Culture Centre for Nova Scotia and Crown Land Management Centre.
- Field reconnaissance, to conduct a visual inspection of the study area.
- Consideration of the environmental setting, water sources, topography, soils, vegetation and Native land use.
- Shovel testing of any potential impact areas was completed following the original study.

Results:

- The original study suggested an elevated potential for encountering precontact and/or early historic Native archaeological resources.
- Evidence of historical quarrying and milling was found.
- Very limited traces of European pottery were noted but not considered significant. Otherwise no archaeological resources were encountered.
- Recommendations will be made for the archeological clearance of all properties tested in the area of the dam.
- Further investigation will not likely be required unless construction excavation at the site reveals conditions contrary to the recently completed studies.



EVIDENCE OF HISTORICAL QUARRY



RECONNAISSANCE INCLUDED AREAS OF MODERN LAND USAGE



FIELD RECONNAISSANCE AT SHORELINE

COMMITMENT TO ENGAGE

- We are committed to listening to and engaging the community.
- Community members will be involved in the project planning including:
 - ✓ Providing key information about the local area.
 - ✓ Helping develop a list of local businesses and services.
 - ✓ Identifying key concerns of the local users and stakeholders.
 - ✓ Provide feedback about the Project to Halifax Water and Lake Major Watershed Advisory Board.



The Lake Major Watershed Advisory Board:

- ⇒ Providing key information about the local area.
- ⇒ Bring local ideas, concerns, and interests to the table.
- ⇒ Strengthens and enhances existing regulations and guidelines.
- ⇒ Represents landowners, residents, business-people, and community groups.



ENVIRONMENT ASSESSMENT PROCESS

- Is required by Nova Scotia Environment to ensure that a project's environment and safety effects are minimized.
- Identifies environmental effects at an early stage in project development.
- Public consultation is an integral part of this process - community is invited to comment on the Environmental Assessment during the review period.
- Reviewed by Nova Scotia Environment and other relevant government agencies.
- Nova Scotia Minister of Environment only provides approval once satisfied that environmental and safety effects will be minimized.



BASELINE STUDIES

- Avifauna (Birds)
- General Wildlife
- Plants
- Wetlands
- Watercourses and Fish Habitat
- Groundwater and Geology
- Visual Aesthetics
- Cultural and Heritage Resources
- Socio-economic Conditions



Halifax Regional Water Commission

450 Cowie Hill Road, P.O. Box 8388 RPO CSC, Halifax, Nova Scotia B3K 5M1 phone 902 490-4820 fax 902 490-4808

October 27, 2016

Chief Rufus Copage
Sipekne'katik First Nation
Indian Brook Post Office
522 Church Street
Indian Brook, NS
B0N 1W0

Re: Lake Major Dam Replacement

Dear Chief Copage,

This letter is to inform you of the upcoming public information session for the Lake Major Dam Replacement Project. Halifax Water staff, along with representatives of their consultants will be available to provide information on the project and answer questions between 7:00pm and 9:00pm on Thursday, November 10th, 2016 at the Graham Creighton Junior High Cafeteria, located at 72 Cherry Brook Road.

The Lake Major Watershed provides water to approximately 100,000 people in the communities of the former City of Dartmouth, Forest Hills, Eastern Passage, Cole Harbour, Westphal, Cherry Brook/Humber Park/Ross Road and North Preston. The existing dam, located at 250 Lake Major Road was built in the 1940's is at the end of its service life and in need of replacement. Halifax Water is currently seeking regulatory approval for this project, which includes public consultation. The session will be to provide general information about the studies that have been completed to obtain approval for construction from the Nova Scotia Department of Environment.

If you have any questions or concerns about this project you are invited to attend the session or you can contact me at the number below.

Sincerely,

Jonathan MacDonald, P.Eng
Project Engineer
Cell: 902-818-0913
jonathanm@halifaxwater.ca



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October 27, 2016

Twila Gaudet
Consultation Liason Officer
Kwilmu'kw Maw-klusuaqn
Mi'kmaq Rights Initiative (KMKNO)
75 Treaty Trail, Truro, NS
B2N 6N8

Re: Lake Major Dam Replacement

Dear Ms. Gaudet,

This letter is to inform you of the upcoming public information session for the Lake Major Dam Replacement Project. Halifax Water staff, along with representatives of their consultants will be available to provide information on the project and answer questions between 7:00pm and 9:00pm on Thursday, November 10th, 2016 at the Graham Creighton Junior High Cafeteria, located at 72 Cherry Brook Road.

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October 27, 2016

Grace Conrad
Chief & President
Native Council of Nova Scotia
P.O. Box 1320
Truro NS
B2N 5N2

Re: Lake Major Dam Replacement

Dear Chief Conrad,

This letter is to inform you of the upcoming public information session for the Lake Major Dam Replacement Project. Halifax Water staff, along with representatives of their consultants will be available to provide information on the project and answer questions between 7:00pm and 9:00pm on Thursday, November 10th, 2016 at the Graham Creighton Junior High Cafeteria, located at 72 Cherry Brook Road.

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October 27, 2016

Chief Robert Gloade
Millbrook First Nation
PO Box 634
Truro, NS
B2N 5E5

Re: Lake Major Dam Replacement

Dear Chief Gloade,

This letter is to inform you of the upcoming public information session for the Lake Major Dam Replacement Project. Halifax Water staff, along with representatives of their consultants will be available to provide information on the project and answer questions between 7:00pm and 9:00pm on Thursday, November 10th, 2016 at the Graham Creighton Junior High Cafeteria, located at 72 Cherry Brook Road.

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November 25th, 2016

Re: Lake Major Dam Replacement

To whom it may concern,

On October 27th, 2016, Halifax Water emailed letters to the following members of the aboriginal community that were identified by the Nova Scotia Department of Aboriginal Affairs:

Grace Conrad – Chief & President – Native Council of Nova Scotia
Chief Robert Gloade – Millbrook First Nation
Chief Rufus Copage – Sipekne'katik First Nation
Twila Gaudet – Consultation Liason Officer – Mi'kmaq Rights Initiative

The letter provided them with general information on the project and made them aware of the public information session on November 10th, 2016.

To date, Halifax Water has not received any formal communication or inquiries from members of the aboriginal community.

Sincerely,

Jonathan MacDonald, P.Eng
Project Engineer
Cell: 902-818-0913
jonathanm@halifaxwater.ca