

Deep Lake Water Cooling Supply Expansion

Municipal Class Environmental Assessment - Notice of Study Completion

The City of Toronto and Enwave Energy Corporation, as co-proponents, have completed a Municipal Class Environmental Assessment (MCEA) study to examine expanding the existing Deep Lake Water Cooling (DLWC) system. Enwave provides cooling to over 80 buildings in downtown Toronto through its District Energy Supply. The City and Enwave operate under an existing Energy Transfer Agreement (ETA) that facilitates the transfer of cooling energy from the City's drinking water infrastructure into Enwave's District Energy System through heat exchangers in Enwave's Energy Transfer Station (ETS).

There is continued growth in demand for cooling Toronto's downtown core, and Enwave anticipates about 35% increase in its customers' cooling demands in the near future. There is opportunity for the City and Enwave to amend the ETA and expand the DLWC supply to meet the cooling demand in a mutually beneficial way.

Following consultation with the community and key stakeholders, the preferred solution is to expand the DLWC supply. The preferred solution includes the addition of up to two new intakes deep into Lake Ontario at the Island Water Treatment Plant (WTP). Raw water would bypass the WTP and be delivered to the ETS and then the Simcoe Street Cooling Plant to be used as cooling water for Enwave's District Cooling Loop before being discharged back to the Toronto Harbour.

Opportunities for review

This study was carried out following the requirements for a Schedule "B" project under the MCEA. A Project File has been placed on public record for a 30-day review period starting September 11, 2020 and ending October 13, 2020.

The Project File is available at toronto.ca/dlwcexpansion. If you are unable to access the report online, please call the contact in this notice.

Interested persons may provide written comments to our project team by October 13, 2020. All comments, concerns, and outstanding issues with the project should be sent directly to the contact listed:

Natasha Lee, P. Eng - R.V. Anderson Associates Limited
2001 Sheppard Avenue East #300, Toronto ON, M2J 4Z8
Telephone: 416-497-8601 ext. 1231 or nlee.DLWC@rvanderson.com



In addition, a request may be made to the Ministry of the Environment, Conservation and Parks for an order requiring a higher level of study (i.e. requiring an individual/comprehensive EA approval before being able to proceed), or that conditions be imposed (e.g. require further studies), only on the grounds that the requested order may prevent, mitigate or remedy adverse impacts on constitutionally protected Aboriginal and treaty rights. Requests on other grounds will not be considered. Requests should include the requester contact information and full name for the ministry.

Requests should specify what kind of order is being requested (request for additional conditions or a request for an individual/comprehensive environmental assessment), how an order may prevent, mitigate or remedy those potential adverse impacts, and any information in support of the statements in the request. This will ensure that the ministry is able to efficiently begin reviewing the request.

The request should be sent in writing or by email to:

Minister of the Environment, Conservation and Parks
Ministry of Environment, Conservation and Parks
777 Bay Street, 5th Floor
Toronto ON M7A 2J3
minister.mecp@ontario.ca

Director, Environmental Assessment Branch
Ministry of Environment, Conservation and Parks
135 St. Clair Ave. W, 1st Floor
Toronto ON, M4V 1P5
EABDirector@ontario.ca

Requests should also be sent to the Project Team by mail or by e-mail. If no requests are received by October 13, 2020, the City may proceed with the project as outlined in the Project File.

Issue Date: September 11, 2020

Personal information received in response to this notice is collected under the authority of Part II.1 of the Environmental Assessment Act and s. 7 and 8 of the City of Toronto Act, 2006 for the purpose of consultation, preparation and submission of a Municipal Class Environmental Assessment (MCEA), the maintenance of an associated project file (which shall be a record maintained for the purpose of being available to the general public), reporting to City Council as required, submission to the Ministry of the Environment, Conservation and Parks (MECP) as required, and the execution of the Deep Lake Water Cooling (DLWC) Expansion project. By submitting information in response to this notice, you consent to the disclosure of this information between (and correspondingly authorize the indirect collection of same by one party obtaining information initially collected by the other) Enwave Energy Corporation and the City of Toronto (including the respective consultants and advisors of each) for the purpose of consultation, preparation and submission of a MCEA, the creation and maintenance of an associated project file which is available to the general public, submission (including disclosure of personal information) to the MECP as required, and the execution of the DLWC Expansion project. Questions about the collection of personal information may be addressed to the contact person noted in this notice.