

July 19, 2011

Jonas Didzbalis  
Project Evaluator  
Ontario Ministry of the Environment  
Environmental Assessment and Approvals Branch  
12A Floor  
2 St. Clair Avenue W.  
Toronto, ON M4V 1L5

Dear Mr. Didzbalis:

**Subject: RE Smiths Falls 2 Solar Project (MOE Reference Number 3094-8GCNP3)  
Design and Operations Report - Amendment**

The Renewable Energy Approval (REA) Application for the RE Smiths Falls 2 Solar Project, being proposed by RE Smiths Falls 2 ULC, was previously submitted to the Ministry of the Environment (MOE).

Subsequent to that submission, RE Smiths Falls 2 ULC noticed an error in the Design and Operations Report. This letter should be appended to the report to amend the error, as described below.

Section 2.1.5 on Page 5 is hereby amended as follows:

“A collection system will be in place for an oil/water separator to collect any oil from the substation transformer. During monthly inspections, the oil/water separator system will be checked for proper usage and repaired as needed.”

This change will also be made in the version of the Design and Operations Report that is posted to the Project website prior to commencement of the 15-day EBR review period.

Please do not hesitate to contact me if you have any questions or additional information requirements regarding this matter.

Yours faithfully,



Noel Boucher  
NB:srg

cc: B. Leah, RE Smiths Falls 2 ULC

Surface water drainage is generally in a south-easterly direction towards Black Creek, a tributary of the Rideau River, which crosses the site approximately 250 metres from the Buttermilk Hill Road entrance.

#### 2.1.5 *SEWAGE COLLECTION AND TREATMENT*

A collection system will be in place for an oil/water separator to collect any oil from the substation transformer. During monthly inspections, the oil/water separator system will be checked for proper usage and repaired as needed.

#### 2.1.6 *PROJECT LOCATION BOUNDARY*

The site is bound by Buttermilk Hill Road to the south and the east, north and west boundaries are divided by property parcel ownership. The location boundaries are shown on Figure 2.1.

#### 2.1.7 *ASSOCIATED TRANSFORMERS*

The proposed power transformer is specified as follows: 7.5/10 MVA, 44kV /13.8 kV, ONAN/ONAF with surge arresters on both sides and neutral bushing CT and rapid pressure rise relay and winding and oil temperature gauges. Typical details of the power transformer are in Appendix A.

Intermediate outdoor padmount transformers will be installed at the inverter locations on the site plan. These transformers are proposed to be 2MVA, 13.8 kV/265 VAC with a visible open load break switch.

Additionally, a station service transformer will be located within the substation area rated as follows: 100 kVA three phase, 120-208 VAC.

#### 2.1.8 *STORMWATER FACILITIES*

In general, the development will follow the existing topography of the site to the greatest extent possible in order to minimize the extent of re-grading required and to maintain existing drainage patterns. A system of swales, ditches and culverts will be constructed to collect and transport stormwater runoff through the site to existing valleys within the limits of the site or at existing valleys within the limits of the site or at existing outlets to adjacent municipal ditches or agricultural lands. These swales and ditches will generally be installed adjacent to the proposed internal roadways and will be lined with vegetation to minimize the potential for erosion.

## 2.2 CULTURAL FEATURES/NATURAL FEATURES AND WATERBODIES

Cultural features, natural features and water bodies are discussed in the respective natural heritage reports. Figures from those reports showing the location of features including archaeological resources, waterbodies and significant and provincially significant natural features are provided in Appendix B.