



The Corporation of Loyalist Township
P.O. Box 70, 263 Main Street Odessa, ON K0H 2H0
t: 613-386-7351 f: 613-386-3833 www.loyalist.ca

Attn: Riley Griffin, Environmental Planner

Dear Mr. Griffin:

Re: Review of Fill Permit Application

Loyalist Township's consultant has completed their review of the Algonquin Power's Fill Permit Application Submission. The application relates to Turbine 34, its access road, and Collector Lines 1 & 2. The following comments are provided:

- As noted in the application, the fill permit will pertain only to that portion of the works that is on private lands. Entrance permits will be covered under the approved Pre-Construction Survey.
- AP must indicate where surplus soils from turbine and access road construction will be disposed of; turbine drawings indicate a stockpile location – will this be used for surplus material from turbine construction? Will it also be used for surplus materials from road construction? Will it be big enough?
- AP must indicate where fill material for road construction will be sourced. Will it be surplus material from cut areas on same access road or will it require haulage on Township roads? If significant haulage is required then the access road construction cannot proceed in advance of road improvements.
- Drawings submitted with the application are dated January 27, 2017. These show a set of 3-900mm culverts. Drawings submitted to the CRCA are dated June 22, 2017 and show 2-1.8m x 1.2m culverts; Please provide the most current drawings for our review.
- There are no stockpile locations shown within the "REA Identified Laydown Area" as was the case for other sites. Where will the surplus soils stockpile be located?
- AP should provide design calculations for the large culvert (3x900mm) south of 2nd Concession.
- The limit of constructible area has been exceeded at the higher fill areas.

Kindly review and return comment on these items at your earliest convenience. Please contact the undersigned at 613-386-7351, ext. 117, if you have any questions.

Yours truly,

David MacPherson, C.E.T.
Public Works Manager
DM/ka

CC: Dan Fencott, G.D. Jewell Engineering
Guy Laporte, G.D. Jewell Engineering
Robert Maddocks