

4.1.3 Land Resource Mitigation Measures

DISTURBANCE OF SOILS

Although the total ground disturbance is estimated to be 96.7 acres, a construction phasing plan has been developed for the Project that will limit the amount of disturbance at any one time to a maximum of 29 acres. All topsoil within the disturbed area will be stockpiled for later use on-site. Cut soils generated by the project will be reused on-site as fill material to the greatest extent feasible. Any material that is unusable for structural fill will be used in the construction of the berm and then if necessary, disposed of offsite in accordance with all applicable Town of Thompson and the New York State Department of Environmental Conservation regulations.

Since the Applicant is seeking a waiver from the five-acre disturbance limitation from the New York State Department of Conservation, the Applicant is proposing to implement the following mitigation measures:

- All disturbed areas to remain idle for more than 14 days shall be stabilized within 48 hours and before any forecasted rainfall. Stabilization measures could include straw, mulch, or geosynthetic material.
- Temporary erosion control measures such as silt fencing, hydroseeding, berms and diversion swales will be used extensively to prevent erosion.
- Catch basin inlet protection and sediment basins will be used to remove any sediment that is conveyed by runoff from the Site.
- To minimize stockpiling of soils, earthwork cuts and fills shall be balanced, to the greatest extent practicable, within each phase.
- As necessary, stormwater laden with colloidal soils will be treated with chemical flocculants prior to discharge from the site. If used, the type and quantity of flocculants will be approved by the NYSDEC.

With these measures in place, the potential impact resulting from the increase of disturbance area beyond five acres will not be significant.