

**From:** [Bay, Hope](#)  
**To:** [Doug Fielding](#); [Nick Stoneberger](#); [garys@nunalogistics.com](mailto:garys@nunalogistics.com); [kevino@nunalogistics.com](mailto:kevino@nunalogistics.com); [dough@nunalogistics.com](mailto:dough@nunalogistics.com)  
**Cc:** [Wade, Lowell](#); [Rykaart, Maritz](#); [Miskolczi, Iozsef](#)  
**Subject:** Sedimentation Pond-changes  
**Date:** Saturday, September 17, 2011 4:40:54 PM

---

Survey crews started the layout of the slope against Pad E/P today. Information obtained indicated that for nearly the entire length of this side of the sedimentation pond the slope had to be cut back by .2m to .4 m. The cut extended from the top of the slope to approximately the mid point of the slope. As the material is ROQ, it would be very difficult to cut this material out.

In discussions with SRK (Lowell Wade) it was apparent that shaping this bank was never intended to be a cut and fill exercise. It was only intended that undulations noted in the as-built be addressed. To redesign the slope with a 2.5H : 1V from information that is now available may result with the volume of the sedimentation pond being reduced.

Accordingly it is agreed that the final slope should be 2H:1H as are the other sides.. Nuna is to dress up the slope to remove any undulations. Then, a bedding layer for the liner system .15m thickness shall be placed over the ROQ. As there is a concern that the liner may slide, the liner shall be pinned at the top.

All other details remain unchanged.

Lawrence Borowski, P.Eng  
Associate Consultant