

**From:** John Schmuck [John\_Schmuck@Cameco.com]  
**Sent:** Tuesday, February 12, 2013 12:23 PM  
**To:** Lancaster, Thomas; Burrows, Ronald; Trefethen, Jean  
**Cc:** Josh Leftwich; Doug Pavlick; Larry Teahon; Rhonda Grantham  
**Subject:** Additional Marsland Information

Tom - During the third week of April 2013 Cameco will submit a package of information to revise supplement the Marsland license application. The package will include:

- All available baseline data and an updated schedule for completion of baseline data collection
- Expanded cumulative impact analysis (ER and TR)
- Additional meteorological analysis
- Enhanced severe weather impact analysis
- Update NHPA Section 106 activities
- Additional detail on calculation of "flare factor"
- Detailed water balance and disposal capacity analysis
- Additional analysis of waste disposal alternatives
- Super-conceptual design for surge tanks
- Super-conceptual design for ponds (ponds are being added to application as an option)
- Additional erosion/drainage characterization including 10, 20, 50 and 100 peak flows
- Overlap and cumulative groundwater and surface water impacts of operations and multiple deep disposal wells on both a site-specific as well as a regional basis including operations in the Crawford basin.
- Updated Mildos to include ponds

By and large, the same effort is also underway for the Three Crow license application. Several of the above tasks will be developed so that they may be easily adapted for use in either application.

Thanks. .john

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