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Date: 2/10/03 7:19PM
Subject: Phosphorus Model Action Items

Hello all,

Below please find the action items resulting from today's meeting on Phosphorus Loading and Algal Modelling held in the De Beers boardroom.

* It was agreed that all simulations will be run using the revised (alternate) calibration.

* In all scenarios orthophosphate (OrthoP) will be included, plus a proportion of dissolved phosphorus (DP). The DP will be included as either OrthoP (immediately bioavailable) or as organic phosphorus (OrgP) (i.e., labile).

Note: All terminology is consistent with the Phosphorus Loading Update - Draft Technical Memorandum, dated February 4, 2003.

3/1/03
Luis?

* Scenarios include:

1. OrthoP + a percentage of DP as OrthoP. Three percentages will be run, 25%, 50% and 100%. All runs will be at expected concentrations from the EA.
2. OrthoP + a percentage of DP as OrgP. Three percentages will be run, 25%, 50% and 100%. All runs will be at expected concentrations from the EA.
3. OrthoP + 50 percent of DP as OrthoP, with all site water concentrations at +1 standard deviation above expected concentrations.
4. OrthoP + 50 percent of DP as OrgP, with all site water concentrations at +1 standard deviation above expected concentrations.
5. OrthoP only, but run at +1 standard deviation above expected concentrations.

* The four highest priority runs will be:

- a) Scenario 5
- b) Scenario 2 at 100%
- c) Scenario 3
- d) Scenario 2 at 50%

Note: De Beers/Golder will attempt to forward these results to intervenors prior to submission of their Technical Reports, due 14 February 2003.

Please call if you have any questions.

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