ECOMETRIX RESPONSE TO BHP REQUESTS FOR CLARIFICATION

Comment No.	EcoMetrix Response
19	The sentence is part of our overall discussion of TDS as a possible toxicity factor related to chloride and other major ions. We did not know the expected TDS or major ion concentrations in the effluent, and were attempting to infer what TDS may be. The main point is that a more complete characterization of expected effluent quality, including TDS and major ions, would be helpful in understanding both chloride toxicity and overall effluent toxicity under the conditions of the proposed discharge.
67	The modelling uncertainty is one aspect of uncertainty in determination of the minimum 21-day average dilution factor. We were looking for some indication of how much difference year-to-year variability in hydrograph or wind data might make in this factor, since the dilution factor is critical to the final effluent criterion. We thought that, if you have other year's data, it would be a minor task to re-run the model with new input files to explore this question. If you have another way to quantify (or bound) the year-to-year variability in minimum dilution, this would be acceptable.