

Third-Party Sensitivity Analysis of the Suboil Salinity Tool Version 2.1

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The objective of the study would be to determine the full range of possible input parameters (minimums and maximums) in SST, and to determine how much a change in each parameter influences the outputted Tier II criteria. Output criteria would also be betted against real life impact scenarios (with the anonymity of clients being respected for the purpose of this study_. Matrix would offer suggestions regarding the relevance of criteria with respect to receptor risk or to the reasonableness of the impact of input parameters on output criteria. A complete sensitivity analysis of the model input parameters combined with a comparison to real site data would increase the understanding of the tool for PTAC, Alberta Environment (AENV), and industry.

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