Decision Hierarchy

Priority Order for Decisions

- o **Evaluation of a statistically significant dataset in Portland conditions with valid conclusions**

- o **Evaluation of a statistically significant dataset in Portland conditions with limited conclusions**

- o **Experience and observation of comparable circumstances within Portland**

- o **Evaluation of a statistically significant dataset with valid conclusions from other parts of the state or country, adjusted for Portland**

- o **Modeling of Portland conditions and BMPs**

- o **Expected efficiencies from comparable mechanisms or physical processes within a class of pollutants (i.e. most metals have adsorption characteristics) or class of BMPs (i.e. Evaluation of a statistically significant dataset in Portland conditions with valid conclusions grouping all ponds, or all types of education)**

- o **Consensus best professional judgment**

- o **Best estimate based on sensitivity analysis, or probability of extremes in performance efficiency**