

Technology Selection Protocol (TSP)

At minimum, an acceptable Technology Selection Protocol must include or address the following items:

1. **Goals:** The TSP must clearly identify the goals for the wastewater treatment technology, including, but not limited to:
 - a. Provide a complete list of established/identified goal (i.e. <50 ug/L)
 - b. Timelines or time constraints for each goal
2. **AKART:** The TSP must speak to how AKART is being addressed for each individual technology considered in this evaluation
3. **Process:** The TSP must describe and detail the processes used to evaluate and eliminate individual wastewater treatment technologies
4. **Recommendation:** The TSP must recommend either a single wastewater treatment technology, or a combination of wastewater treatment technologies, and include, but not be limited to:
 - a. Timing of implementation of selected technology
 - b. Description of how the recommended technology will achieve treatment goals

Delta Elimination Plan (DEP)

At minimum, an acceptable Delta Elimination Plan must include or address the following items:

1. **Goals:** The DEP must clearly identify established goals including, but not limited to:
 - a. Define DEP, including how it is determined/calculated for the individual entity as a function of TMDL goals and wastewater treatment effectiveness
 - b. Timelines or time constraints for DEP implementation
2. **Process:** The DEP must identify, describe and detail the possible DEP projects or activities under consideration by the respective entity including, but not limited to:
 - a. List of all identified possible DEP project or activities
 - b. Estimation/projection of amount and timing of pollutant (“delta”) reduction of each, including supporting calculations, references, etc
3. **Recommendation:** The DEP must recommend one or more projects or activities capable of achieving DEP goals including, but not be limited to:
 - a. Prioritization of all identified projects or activities
 - b. Timing of implementation of each
 - c. Description of how the recommended projects or activities will achieve goals

TSP & DEP

Together, the Technology Selection Protocol and Delta Elimination Plan must with reasonable assurance clearly demonstrate the ability of the discharger to achieve the final goals of the TMDL. For phosphorus, that means a “blended” loading, resulting from both TEP and DEP, of no more than 10 ug/L.