

**Complete – Covered
under the CRCIP
AEM Plan**

Term and Conditions 4e

4. The Corps shall implement an adaptive management process to review results of the monitoring program and other applicable new information and determine actions necessary to minimize any adverse Project effect:
 - e. Information gathered through monitoring and research actions will be used to annually assess Project effects to the following indicators⁶:
 - i. Shift in the location of the ETM,
 - ii. ETM functions,
 - iii. Accretion/erosion rates,
 - iv. Habitat types,
 - v. Food resources for salmonids,
 - vi. Changes to sideslope adjustments adjacent to the entire navigation channel and associated loss of shallow water/flats or tidal marsh and swamp habitats in riverine and estuarine areas.
 - vii. Physical features of habitat types, habitat opportunity, bathymetry, bedload changes, rate of suspended sediment transport, and water level changes to the estuary.
 - viii. Structure, distribution, net productivity, and detritus production of marshes and swamps,
 - ix. Velocity changes in shallow water habitats and available refugia, and
 - x. Salinity changes as they impact habitat types

Action Plan: These considerations will be included in the AMP developed by the contractor. Once the plan is developed a meeting will be held with the technical team to develop specific triggers for these indicators.

Schedule: See T&C 4a

⁶These are minimum effects to be examined based on the state of knowledge at the time this Opinion was issued. As additional effects are identified, or the existing list of effects is modified, this list will be changed to fit the contemporary needs to the monitoring program and adaptive management process.