

TIER 4 - POST- CONSTRUCTION

STUDIES TO ESTIMATE IMPACTS



Tiered Approach

- Where are we in the Tiered Approach?
 - Pre-construction site assessment, characterization
 - Pre-construction studies
 - **POST CONSTRUCTION STUDIES**

Tier 4 Studies

- Assess whether
 - Predictions of fatality risk, and
 - Direct and indirect impacts to habitat are correct.

WEG Page 34

Tier 4 Field Studies

- Components:
 - Tier 4a: Fatality studies; and,
 - Tier 4b: Assessing direct and indirect impacts to habitat.

WEG Pages 34 and 40

Tier 4a: Fatality Studies

- Should:
 - Intensity is based on potential risks.
 - Collect a minimum of 1 year of fatality monitoring over all seasons;
 - Include estimates of carcass removal; and
 - Include carcass detection bias.

WEG Pages 34 and 35

Tier 4b: Direct & Indirect Habitat Impacts

- If studies are warranted, determine:
 - How predictions compare with actual?
 - Behavioral modifications or indirect habitat impacts?
 - If impacts have occurred, can they be mitigated?
 - Was the mitigation successful?

Summary

- Studies to monitor fatalities and habitat impacts post-construction;
- Were pre-construction predictions correct?
- Can be part of longer term research
- Communication is key, even during post-construction studies