6.0   FOLLOW-UP MEASURES

TransAlta is committed to a monitoring program to address residual environmental effects and uncertainty. While it is anticipated that the residual environmental effects of Kent Hills 3 Project will not be significant, follow-up studies will be conducted. The existing CEMP for the Wind Farm will be updated for the proposed expansion, and will include follow-up measures. The following section provides a brief overview of the Project follow-up measures.

Several follow up studies will be conducted in fall of 2017 in support of the assessment based on previous studies in the WFSA. Fall bird and bat migration surveys are in progress, and reports will be submitted upon completion. Shovel testing is also planned during the fall in areas of high archaeological potential that overlap the five preferred turbine locations and associated infrastructure.

Environmental Monitoring is a key component of the CEMP. The following list outlines the Environmental Monitoring Programs that will be in place for the Kent Hills 3 Wind Project.

- Breeding Bird Activity: Surveys conducted within the WFSA in 2017 will be repeated following commissioning of the new turbines, including near the alternate turbine sites (control).
- Bird and Bat Mortality: Bird and bat carcass monitoring will be performed at constructed turbines. The mortality rate will require correction for scavenger removal of carcasses and field observation abilities of surveyors. Details will be confirmed with CWS and NBDERD. Monitoring of bird mortality will be conducted during the year following wind farm commissioning when the site is accessible (April to November), with emphasis placed on surveying during peak spring and fall migration of birds and fall migration of bats. If significant numbers of bird and bat fatalities are observed around the turbine sites, the bird monitoring may be extended or revised, upon consultation with CWS and NBDERD.

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Follow-up Measures