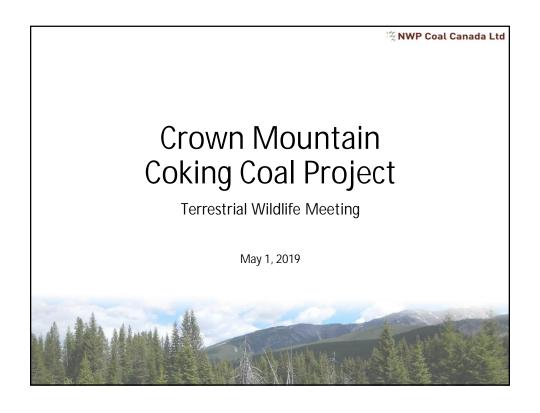
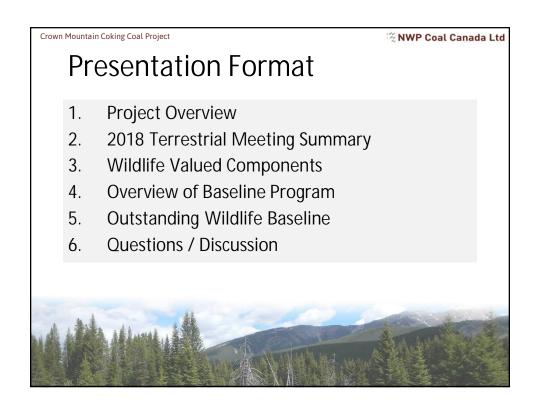
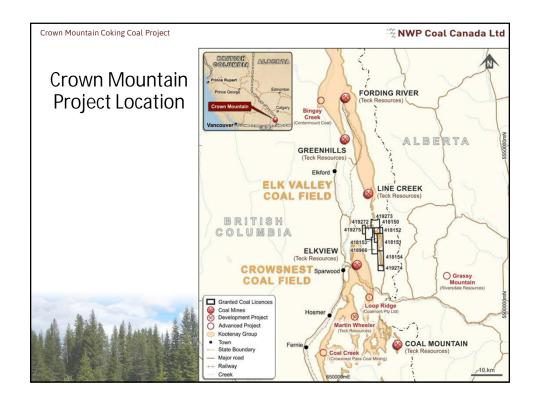
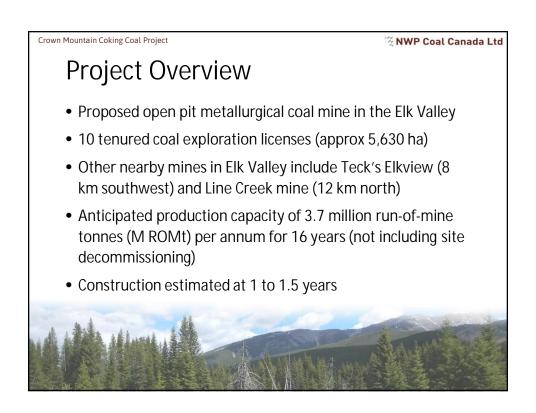
Appendix 4-FF

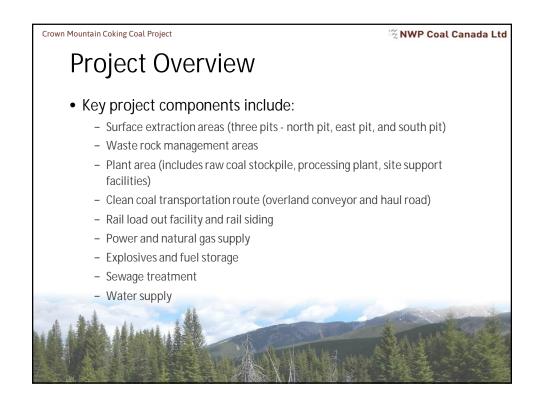
Terrestrial Wildlife Meeting - May 2019

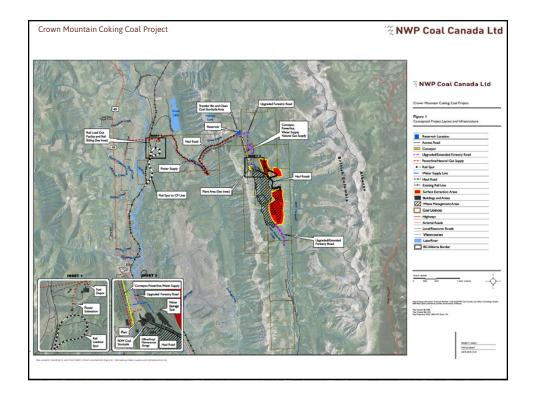












Project Overview

• Currently in Pre-Application phase:

- Project Description, approved November 2014

- Federal EIS Guidelines, issued February 2015

- Provincial Valued Components for Environmental Assessment, completed April 2016

- Provincial Application Information Requirements, approved April 2018

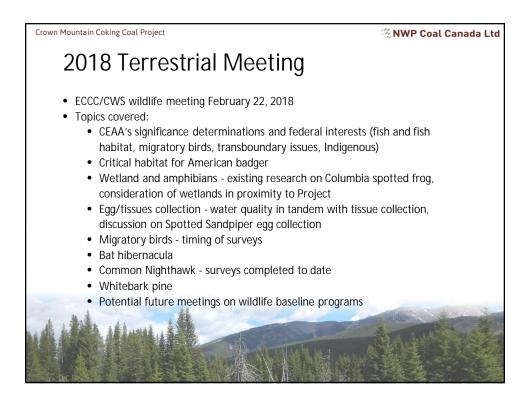
• Consultation and engagement is on-going:

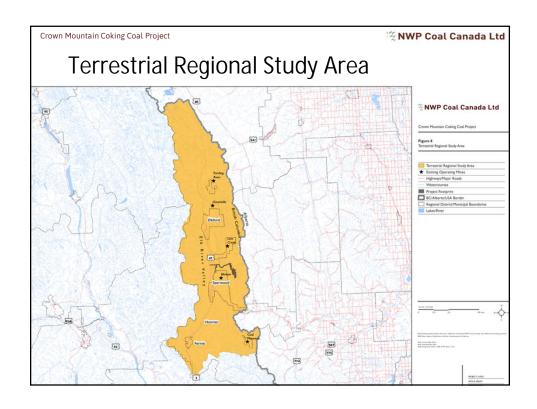
- Ktunaxa Nation Council

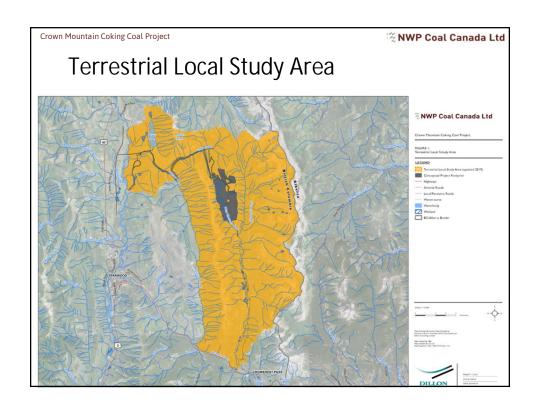
- Local municipalities

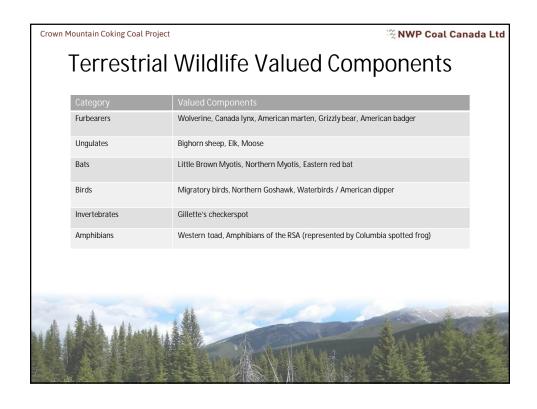
- Participation in the EIk Valley Cumulative Effects Management Framework (CEMF) group

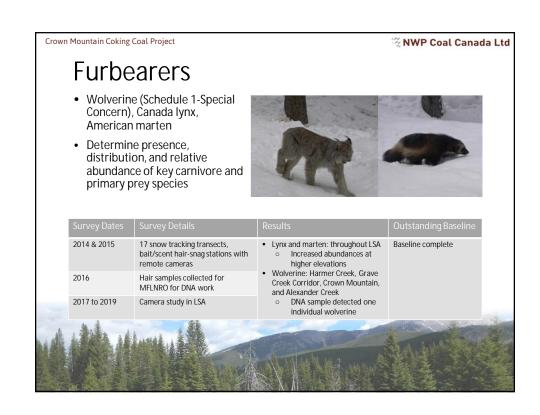
• Crown Mountain is a case study for CEMF



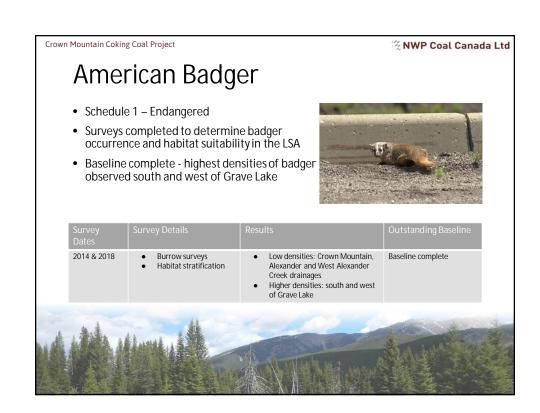


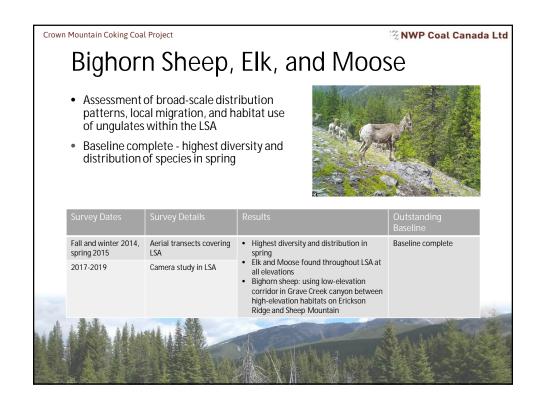


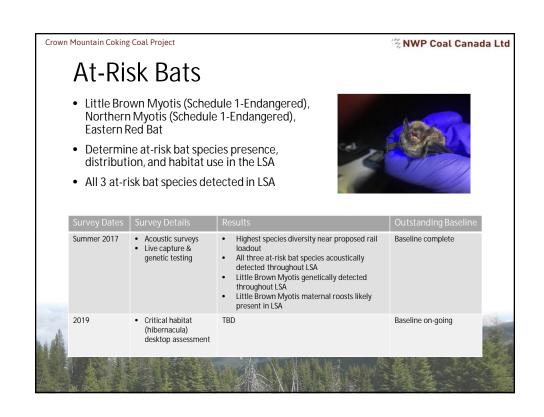


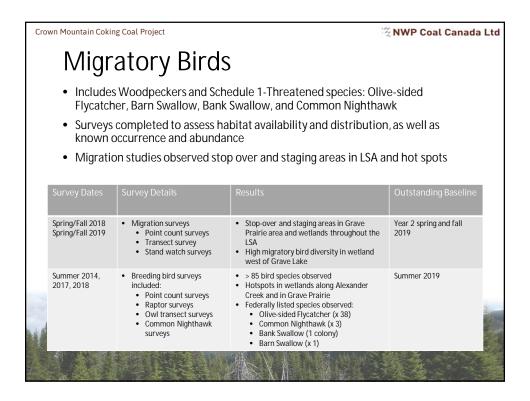


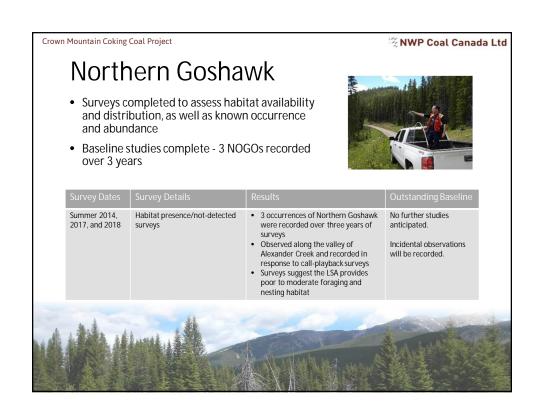




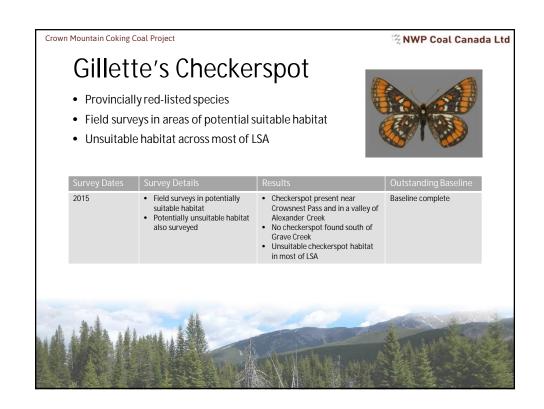


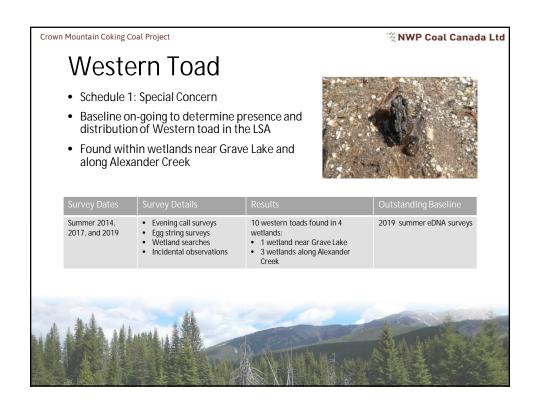


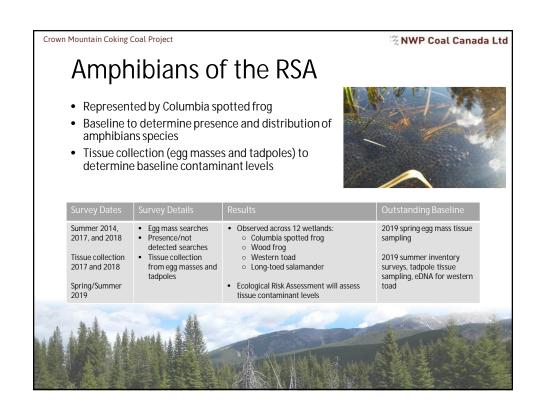












Crown Mountain Coking Coal Project

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Other Baseline Programs

- Terrestrial Ecosystem Mapping and wetland baseline:
 - Landscape and Ecosystem VCs include: avalanche chutes, grasslands, wetlands, riparian habitat, old growth and mature forests
- · Vegetation baseline:
 - Rare plants and sensitive ecosystems, invasive plants, whitebark pine, limber pine
- · Fish and fish habitat
 - Community, inventory, instream flow, spawning, benthics and periphyton
- · Aquatic health:
 - Sediment, fish and waterbird tissues, benthics and periphyton
- Surface water quality and quantity
 - Ongoing since 2012



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Other Baseline Programs

- Groundwater / hydrogeology
 - 16 single monitoring wells, 3 nested wells, and 12 locations with 1 pumping well; seepage survey; additional wells to be developed
- Geochemistry
 - Geochemical analysis of core collected during fall of 2018 is underway; to be completed within 2-3 months
- Soil and Terrain Mapping
 - Soil classification, assessment of quality and quantity
 - Geohazard identification
- Noise
- Air quality
- Traditional Land Use and Ecological Knowledge
- Ecological Risk Assessment
- Social and economic assessment

