Parks Canada

Community Hearing Presentation to Nahanni Butte

*Proposed Prairie Creek Mine,*

*Canadian Zinc Corporation*

EA 0809-002

June 22, 2011
Dehcho First Nations Traditional Territory
Road Issues

- Spills
- Road construction
- Karst
- Vegetation
- Wildlife

Mine Issues

- Water quality including monitoring
- Operation and Post-Closure
Spills

High probability

High consequences
Wildlife
Road
Mine operations

Ecological integrity of Prairie Creek Aquatic Ecosystem

- In the park, physical processes that influence aquatic ecosystems will operate within the natural range of variation.
- Aquatic invertebrate and algal communities inside the park are characteristic of the natural region.
Mine site: Water Quality
Mine Site Conclusions

The existing information does not provide confidence that the proposed approach will mitigate any potentially significant impacts to Prairie Creek’s aquatic ecosystem.

Recommendation to include monitoring site within the park and a decision response system with thresholds
Questions?