2017 Mine Reclamation Awards

Presented by
The British Columbia Technical and Research Committee on Reclamation

41th Annual Awards Presentation
September 19, 2018 – Williams Lake, BC
2017 Coal Mining Award

Teck Coal Limited
for Line Creek Operations
Line Creek

Horseshoe Ridge
Line Creek

Example of traditional reclamation

Rough and loose preparation planted with native species
Line Creek

- Planted in 2013 / 2014 with 250,000 seedlings of 34 species
- Planted stock focused on native pioneering species and plants that are culturally important to the Ktunaxa Nation
Line Creek

Cottonwood and willow species at the Horseshoe Ridge site

Wildlife trees installed to provide perches for birds and raptors
Line Creek

Horseshoe Ridge reclamation two years after planting
2017 JAKE MCDONALD ANNUAL RECLAMATION AWARD
Introduction of aquatic plants via root frames and rafts

Introduction of benthic invertebrates via screen and bucket and hay bales
HVC

Transplant of sedges, rushes and cattails

Live staking and living logs
Benthic algae in Heustis Pit Lake

Filamentous algae in Heustis Pit Lake

Periphyton growth in rock baskets deployed in Iona Pit Lake
Heustis Pit – rainbow trout (top left), Kokanee (bottom left) and riparian and aquatic vegetation (below)
Rising water levels in Iona Pit Lake, 2013 - 2017

Peryphyton in Iona Pit Lake

Iona Pit Lake one year after fertilization