2011 Mine Reclamation Awards

Presented by
The British Columbia Technical and Research Committee on Reclamation

36th Annual Awards Presentation
September 20th, 2012 – Kamloops, BC
2010 B.C. JAKE MCDONALD MINE RECLAMATION AWARD

Keeper Trophy Presentation
Final dam surface, August 2009
Kemess willow at Woodmere Nursery

Growth trial plots (2010)
Local First Nations representatives broadcast seeding the waste rock dumps.
Kemess South Mine

Mill Creek Access Road Reclamation (work completed 2005, photo taken 2009)
2010 B.C. JAKE MCDONALD MINE RECLAMATION AWARD

Northgate Minerals Corporation
for Kemess South Mine
2011 PLACER AWARD
2011 PLACER AWARD

Eli Christiansen
for the Douglas Property
Douglas Property

Douglas Property - before reclamation efforts
Douglas Property showing regrowth of native species, including alder and fireweed.
2011 PLACER AWARD

Eli Christiansen for the Douglas Property
2011 SAND AND GRAVEL AWARD
2011 SAND AND GRAVEL AWARD

R.E. Postill and Sons Ltd.
and the Coldstream Ranch Ltd.
for Rosebush Pit
Yellow areas have been reclaimed.
Crop growth beside a newly reclaimed area
Rosebush Pit

Crops growing on reclaimed areas
2011 SAND AND GRAVEL AWARD

R.E. Postill and Sons Ltd.
and the Coldstream Ranch Ltd.
for Rosebush Pit
2011 INDUSTRIAL MINERAL AWARD

Quinto Technologies Inc. for Lumby Mine
Core Shack Area before cleanup (2010) and after cleanup, regrading, and seeding (2011).
Removing trailers - before and after (2011).
Contaminated materials sorted and removed by HAZCO.
Lumby Mine

Northern and Middle tailings ponds before and after reclamation.
2011 INDUSTRIAL MINERAL AWARD

Quinto Technologies Inc. for Lumby Mine
2011 METAL MINING AWARD

BC TRCR
TECHNICAL AND RESEARCH COMMITTEE ON RECLAMATION
2011 METAL MINING AWARD

Gibraltar Mines Ltd. for Gibraltar Mine
Gibraltar Mine

Main Sand Dam, with placement of wood chips (left), and pine tree establishment trial (2011).
Gibraltar Mine

Main Sand Dam, before and after overburden placement, Fall 2011 (left) and Main Sand Dam Summer 2012 (right).
Trial Wetland Construction, Fall 2011 to Summer 2012.
Seedlings prepared in on site nursery compound (top) and reclamation crew taking vegetation for metal analysis (right).
2011 METAL MINING AWARD

Gibraltar Mines Ltd.
for Gibraltar Mine
2011 JAKE MCDONALD ANNUAL RECLAMATION AWARD
2011 JAKE MCDONALD ANNUAL RECLAMATION AWARD

Tsolum River Partnership for Mount Washington Mine
Mount Washington

PARTNERS

• Jack Minard, Tsolum River Partnership Society
• Margaret Wright, Fisheries and Oceans Canada
• D. Lindsay & Domenico Iannidnardo, Timber West
• Diane Ramage and Jim Shinkewski, Pacific Salmon Foundation
• Peter Healey, SKR
• Diane Howe and Ron Bronstein, MEM
• Brenda Dixon, NRCan
• Ben Chalmers, Mining Association of BC (now MAC)
• Sharlene Henderson, Breakwater Resources
• Rob McCandless, Environment Canada (retired)
• John Deniseger, Ministry of Environment
Mount Washington
Mount Washington

A layer of soil and clay is placed to prepare the site for a permanent impermeable cover.
Mount Washington

Over 12 km of bituminous liner installed, seams sealed by hand
Mount Washington

Glacial till is spread to protect the membrane
Mount Washington

Ditches used to divert clean water – by late summer 2009, water was flowing over and around the site rather than through it.
Mount Washington

Woody debris for stability and channels to divert water away from the site
Mount Washington

Vegetation beginning to establish (photo September, 2012)
2011 JAKE MCDONALD ANNUAL RECLAMATION AWARD

Tsolum River Partnership for Mount Washington Mine