

Listing of 1977 to 2010 Reclamation Symposium Authors and Paper Titles

1977

Bell, Meidinger - Native Species - Their Use In Reclamation of Disturbed Lands
Berdusco - Reclamation and Exploration Disturbances
Foster - Unique Ecological Considerations, Ecological Reserves Program
Gardiner - Tailings Revegetation Experience
George - Reclamation Peace River Coal Exploration
Hodgson - Water Quality and Mine Process Effluent
Jordan, Hoffman - Planning, Environmental Protection in the Saxon Coal Block
Lavkulich - Research on Tailings in British Columbia
Milligan - Reclamation Problems at High Elevations
Pelletier - Reclamation at Island Copper
Stanlake, Eastman, Stanlake - Reclamation for Ungulates in SE BC
Thirgood - The Reclamation Programme at the Faculty of Forestry, UBC
Tidsbury - Reclamation and District Inspection
Walmsley - Reclamation in the Interior Dry Belt
Ziemkiewicz - A Comprehensive Reclamation Research Program on Coal Lands

1978

Churchill - Reclamation is More than Keeping BC Green
Couse - Reclamation Planning for the Line Creek Mine
Errington - Evaluation of Current Revegetation Techniques used in BC
Galbraith - Air Photos and Coal Exploration
Hathorn - Reclamation Planning at Hat Creek, BC
Heskin, Boyd - Federal Fisheries Act Amendments
Hurn - Habitat Protection and Enhancement
Lant - Site Preparation Methods Employed at Coleman Creek Collieries
McDonald - British Columbia Ministry of Mines
Milligan - Waste Dumps - Design, Contouring and Vegetation at Kaiser Resources
Popowich - Spoil Dump Resloping at Fording River
Simonsen - Mining and Archeological Resources
Wood - Fording River Diversion

1979

Aird - Helicopter Supported Drilling Program
Ames - Migration of Acid Substances in Sullivan
Berdusco, Popowich - Follow-up of Slope Experiments
Fyles - Maintenance Fertilizer Research at Kaiser
Gardiner, Stathers - Phosphorus Requisite for Legume
Gavelin - Current Revegetation Techniques
Graham - Reclamation of Dump Slopes
Hathorn, Dockstader, McQueen - Hat Creek
Hillis - Reclamation Practices at Island Copper
Magnusson, Gaspe - Reclamation of Exploration
McCue - Reclamation at Newmont Mines, Princeton, BC
McDonald, Lane - Irrigation with Sewage Effluent
Meidinger - Natural Revegetation of Disturbances
O'Bryan - Government Funded Reclamation Program
Pomeroy - Effectiveness of the Climbing Backhoe
Redgate, Nyland - Trenching Techniques at the BP
Smith - Effective Utilization of Helicopters
Stathers, Gardiner - Operational Reclamation

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Topics - Reclamation of Exploration Disturbances
Tripp, Chalmers - Experiments in Tailings
van Drimmelen - Revegetation for Wildlife Use

1980

Ames - Assessment of Mine Spoil for the Establishment of Vegetation
Berdusco - Waste Dump Development at Kaiser Resources
Bomke - Fertilizers and Soil Amendments in Mine Reclamation
Brink - Use of Native Species in Mine Land Reclamation
Campbell - Stability and Economic Considerations
Christie - Propagation of Native Trees and Shrubs
Christie - Properties of Soils and Their Implications
Howie - Water Quality and Its Control in Mining
Lane - Environmental and Engineering Considerations
Pelletier - Waste Dump Development at Island Copper
Richardson - Use of Agronomic Species in Mine Reclamation
van der Gulik - Irrigation Equipment and Design

1981

Carr, Marchant - Erosion Control in the Queen Charlottes
Fourt - The Aforestation of Open-Cast Mining Spoils in the UK – Some Techniques
Fyles, Milne, Bell - Development of Vegetation and Soil on High Elevation Mines
Galbraith - Environmental Regulation - How Effective Are We?
King, Russel, Grainger, Straka - Evaluation and Selection of Woody Species
Luke - Establishment of Wooded Landscapes From Seed – Aspect and Mulching
Rowell - Assessment of the Soil Resource in the High Elevation Area
Sadasivaiah, Weijer - The Utilization of Native Grass in Mine Reclamation
Shields, Johnson - Northeastern British Columbia
Tomm, Takyi - Influence of Cultivated Grasses and Legume on Natives in Alberta
Wheeler, Sawyer - Natural Revegetation of Exploration Disturbances
Wolfe - Reclamation in the Mountains of Northeastern BC

1982

Buckingham, Bates - Mountain Road Rehabilitation
Duncan, Beresford, Kennedy, Ferster - Post Mining Reclamation within a Obed-March
Errington - Reclamation of Mineral Exploration Area
Fellman - Water Management for Mines
Fraser - Reclamation Research at B.C. Coal
Fraser - Workshop on Public Involvement
Galbraith, Fabro, Hellyer, Berdusco – Reclamation Costs in Coal Exploration
Green - Control of Vegetation Damage by Small Rodents
Hawes, Thurber - Managing Environmental Requirements
Homoky - The Rehabilitation of Disturbed Forest Land
Lea - Use of Vegetation Survey Data
Lloyd - An Integrated Reclamation Management Plan
Polster, Redgate - Revegetation Trials at Sukunka River Exploration
Price - Reclamation at Elco Mining
Riva, Lant - Line Creek Management Philosophy
Weijer, Weijer - The Availability and Procurement of Native Seed for the Alpine

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1983

Acott - Reclamation Strategy at Cardinal River Coals
Beswick - Reclamation of Gravel Pits
Bodnarchuk, Planiden - Hydroseeding and Helicopter Techniques
Carr - Some Economic Considerations in Forest Land
Densmore - Wildlife Research Programs at Line Creek
Gibson - Moving Goalposts - Perceptions of the Coal
Gordon - Regulation of Placer Gold Mining
Guichon, McConnell, Morris, Berry - Revegetation of Pipeline Right of Ways
Lawrence - The Soil Fauna of High Elevation Reclaimed Land
Macyk - Reclamation Research at the Surface Mine
McTavish, Shoplik - Propagation and Use of Native Species
Price, Thurgood - Reforestation Research at Amax's Mine
Schulz - Agricultural Seeding Equipment
Willey - Propagation of Three Native Alpine Legumes

1984

Bruynesteyn, Hackl - Evaluation of Acid Production
Collins - Public Involvement in the Quinsam Coal
Fraser - From Test Plot to Nest Box - An Overview
Fyles - Nitrogen Cycling in High Elevation Reclaimed Land
Hillis - From Seafloor to Hilltop - Land and Marine
Hillis, Horne - Land and Marine Waste Dumps
Hubbard - Status Report on Special Waste Management
Lawrence - Soil Fauna Recolonization of High
Robertson - Surface Water Drainage and Sediment
Rogers - A Reclamation Policy for the Mining Industry
Ross, Hunter - Mine Development - An Integrated
C. Smyth - The Ecology and Biology of Some High Elevation Species
Taylor - Marine Reclamation - Recovery of the Sea

1985

Berdusco, Lane - Resloping Coal Mine Spoils
Densmore, Townsend - Reclaiming for Wildlife Habitat
Errington - An Overview of Mine Reclamation in BC
Hackinen - Phosphorus Fixation Characteristics
C. Jones - Reclamation Research at Lornex Mining
Lighthall, Sellars, Burton - Design of Waste Dumps
Patterson - Environmental and Reclamation Practices
Polster - CP Rail Rogers Pass Project
Price - Reclamation of Waste Rock Dump Slopes
Rowell - Nitrogen, The Critical Element
Walker - The Salvage, Reclamation and Abandonment
Wisch - Reclamation of Surface Coal Mine Disturbed

1986

Austin, Klein, Price, Kenny, Poling - The Reclamation of Heaps used for Acid Leaching
Dick - Environmental Impact Assessment
Errington - Land Use Objectives for Reclamation
Hawes, Standish - Mine Waste Dump Management
Lane, Berdusco - An Environmental Management Strategy
Standish, Leader - Materials Handling and Reclamation

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Switzer - Realistic Land Use Objectives
Ziemkiewicz - Alberta's Approach to Reclamation

1987

Errington, Ferguson - Acid Mine Drainage in BC
Ferguson, Erickson - Will It Generate AMD
Hackinen - Heavy Metal Levels in Grasses and Legumes
John, Joe - Canmet's Tailings Research Program
Kennedy, Kovach - The Use of Unconsolidated Runoff
McElroy - Opportunities for Leaching
Milner - Management Plan for Acid Mine Drainage
Patterson - Environmental and Reclamation Measures
Robertson - Alternative Acid Mine Drainage Abatement
Tolstoy - Microbiological Method for Recultivation
van Dyk - Environmental Control and Reclamation
Veldhuizen, Blowes, Siwik - The Effectiveness of Vegetation in Controlling AMD
Wilkes - Consequences of Unregulated Release

1988

Bowes - Erosion Control on a Steep Slope Pipeline
Brodie - Planning for Abandonment of the Willa
Carson, Jones - Reclamation at Highland Valley Copper
Errington - Research Priorities
Gallinger - Reclamation Measures at Equity Silver
Gould - Economic Strategies for Reclamation
Hamm - Performance Bond Requirements for Coal Mining
Lane, Berdusco - Planning for the Cost of Final
MacDonald - The Application of Spaceborne Remote
Manas Das - Drainage Through Coalmine Waste Dumps
Milligan - Recognition of Reclamation Costs
Polster - CP Rail's Rogers Pass Project
Struhsacker, Smith - Considerations in the Control of Cyanide Heap Leach Dumps

1989

Bietz - Sediment Impact on Fisheries
Brown - Water Management at Brenda Mines
Campbell - Some Observations Relative to Flow Through Rock Drains
Dlugosz, Bedinger - The Rationale for Geological Disposal of Radioactive Wastes in Mines in the US
Jones, Berdusco - Practical Sediment Pond Design
Jones, Reclamation Research at Brenda Mines Ltd
Lawrence, Ritcey, Poling, Marchant - Strategies for the Prediction of AMD
Maynard - Environmental Testing
Morin, Ott, Day, Hawes - A Practical Approach to Testing for AMD
Patterson - Water Management at Equity Silver Mines
Price, Robertson - An Overview of Available Software for Environmental Data
Raab, Faber, Simon, Ecclea - Development of a Field-Portable System for onsite Hazardous Waste Screening
Whitehead, Kelso, Malick - Nitrogen Removal From Coal Mine Waters
Williams - Use of Geotextile Products in Water

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1990

Anderson - Mine-Specific British Columbia Reclamation Standards
Bittman - Sediment Yield From Waste Dumps and Potential for Rock Dumps to Filter Sediment
Chappell - Some Research Aspects in Australian
Chymko, Brocke - Reclamation Security Deposits
Errington - British Columbia Mine Reclamation
Galbraith - Mount Washington Acid Rock Mine
Garga, Hansen, Townsend – Considerations on the Design of Flow-Through Rock Drains
Hegy - Remote Sensing Techniques in Environmental Practice
Henrick - Moyie River Project
Kirk, Hamm - Technical Information Processing System
Konasewich, Jones, Gerencher, Morin – Hydrogeologic Assessment of AMD Control Technology at Myra Falls Waste Rock
Reeves, Thorner - Rock Drains at Line Creek

1991

Brawner, Broughton - Recent Problems with Waste Rock Spoil Dumps
Brinker - Lake Creation and Development at an Alberta Coal Mine
Brocke, Chymko - The Whitewood Mine Lake
Burton - Ecosystem Restoration Versus Reclamation
Capobianco - Goal in the New World Order
Carr - Soil Erosion and Sediment Control Planning
Champigny - International Survey of Mine Reclamation
Darroch, Hermesh - Breeding Native Grasses
Denholm, Hallara - A Review of Acid Generation Research at the Samatosum Mine
Gallinger, Gormely, Kistritz, Sobolewski – Constructed Wetland Experiment for Treating AMD at Bell Copper
Hansen - B.C. Round Table on the Environment
Harpley, Bryan - The Ketz River Mine Tailings
Haug, Wong - Potash Tails Pile Field Test Covers
Jones, Densmore - Through Conceptual Planning
Kalin, Smith - Biological Amelioration of Acidic
Lavkulich - Mine Reclamation and Sustainable
Lighthall, Trenholme, Leonoff – Development of Guidelines and Monitoring of Mine Dumps
Macyk, Widtman, Betts - Two Decades of Reclamation Research in Alberta
Marshall - The Globe Series
McQueen, Wenzel, Bateman, Hartley – Integration of Mine Planning and Reclamation at Highvale Strip Mine
Munro - Resource Management at Highland Valley Copper
Pelletier, Dushnishky - The Role of Environmental Risk Assessment in Project Review
Polster - Natural Vegetation Succession
Powter - The Relationship Between Reclamation
Price - Integrating Mining with Other Resource Users
Spittlehouse - Can We Manage Resources for Climate
Thorpe - The Requirements for a Sustainable Restoration Project
Thorpe, Neal - Revegetation of Saline Land
Trowbridge, Holl - Effects of Alsike Clover
Van Ham, McDonald, Lee, Peddie - The Use of Digested Sewage Sludge as an Aid to Reclaim Mines
Walters, Rabski - An Integrated Mineral Development

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Wheeland - Dark Horses and Mine Decommissioning
Whitehead, Malick, Kelso, Cann – Performance of a Pilot Scale Wetland for Nitrogen Removal from Coal Mine Drainage
Wilkes - Using Water Quality Criteria to Sustain Priority Water Uses Downstream
Williams - Climatic Changes - An Overview
Yeung, Johnson - The Use of Commercially-Produced

1992

Baker, Letient, Leonoff, Madill – Reclamation of Abandoned Tailings at a Northern Minesite
Berdusco, Wood - The Henretta Dragline Project
Brodie, Robertson, Gadsby - Cost Effective Closure
Champigny, Abbott - Environmental Management
Day, Harpley - Survey of Closed and Abandoned Mines
Densmore, Glossop - Economics and Application
Errington, History and Future of Mining Reclamation
Gadsby - Mining and the Environment
Galbraith - Mt. Washington Mine Reclamation
Gardiner, Berdusco, Jones - Over Twenty Years of Reclamation Experience
Harivel - Land Use, Exploration and the Mineral
Kalin - Decommissioning Open Pits with Ecological
Kelly - Laurentian's Mining Environment Database
Kent, Roberds, van Zyl - Environmental Risk
Knapp, Scharer, Pettit, Patterson, Nicholson – Acid Generation Modelling at Equity Silver Waste Dumps
Lant, Beranick - High Elevation Exploration Reclamation
Mackasey - Abandoned Mines in Ontario
Patterson - Mine Closure Planning at Equity Silver
Rennie - Mt. Washington Reclamation
Vaartnou - The Northern Native Grass Seed Industry

1993

Brodie, Chapman - Development of Rehabilitation Plans
Day, Harpley - Physical Flow in Waste Rock Dumps
Horne - The Development of a Closure Plan for Island Copper Mine
Kent, Johnson - Risk Based Evaluation of Mine Waste
Lapakko, Lawrence - Modification of the Net Acid Production (NAP) Test
Lister, Poling, Horne, Li - Prediction and Reality
McBride - Gravel Extraction and Land Reclamation
McCreadie, Smith - Groundwater Quality Evaluations
Morgan, Dryden - Reform of Environmental Assessment
Morin - Rates of Sulfide Oxidation in Submerged
Morin, Horne, Flather - The Appropriate Geochemical
Morin, Hutt - The Use of Routine Monitoring Data
O'Kane, Wilson, Barbour - Soilcover, A New Computer
Pelletier, Dushnisky - Qualitative Environmental Risk
Price, Tremblay - An Overview of Acid Mine Drainage
Quinton, Mir, Mir, Saunders, van Ryswyk, Munro – The Effects of Feeding High Molybdenum Hay to Mature Beef Steers
Salahub, Sahlstrom, Wilson – Reclamation of Mine Spoils Using Biosolids – Princeton
Sinclair - Mine Rock Guidelines - An Overview
Vos, O'Hearn - Use of Zeolite to Treat Acid Rock

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Whale, Simkus, Duncan - Mining and the Public

Wong, Jones, van Dyk - Use of Shotcrete to Control AMD in Waste Rock Piles

1994

Baker, Jackson - Land Reclamation Strategy for the Keenleyside Powerplant Project

Binns - Long-Term Development of Vegetation

Bonner - Standard Procedures for Habitat Monitoring

Bryden - Biosolids Recycling Criteria for BC

Deverall, Maynard, Thomas - Laboratory Quality Assurance – Case Study of Subaqueous Tailings Research

Duthie, Peddie, Salahub - Successful Trials Lead To Commercial Reclamation using Bio-Solids from GVRD to Copper Mine Spoils

Jones - Molybdenum in the Environment

Killam, Robertson - Application of Modelling and Subaqueous Tailings Disposal at Mt. Milligan Mine

Klein, Higgs, Poling - A New Test Procedure to Characterize the Reactivity of Mining Waste

Lang, Parson - Reclamation Activities at the Nickel Plate Mine

McArthur - Bell Mine Closure Plan

Morin - Prediction of Water Chemistry in Open Pits

Polster, Pituley - Mount Klappan Coal Project

Price, Errington - ARD Guidelines For Mine Sites

Sheehan - The Canadian Environmental Assessment Act

Sobolewski, Melliush, Wilkinson - Copper Accumulation in Constructed Wetlands at Bell Copper – Treatment of ARD

Stevens, Lawrence, Rogers, Hamblin – Modeling the Thermal Stratification of Water Filled Mine Pits

Stewart, Higgs, Napier - Use of Lithologic Descriptions for Waste Rock Characterization – Eskay Creek Project

Swanson, Barbour, Wilson - The Modelling of Moisture Movement in Engineered Soil Covers on Rock Dumps

1994 - **Wiens** - Contaminated Sites Management and Regulation

1994 - **Zapf-Gilje, Boyle, Wright, Haerer, Macfarlane** – A framework for Conducting Human Health Assessments at Contaminated Sites

1995

Adams - Bioregenerating Soils of Problematic High

Attwater - A Literature Review of Constructed Wetlands – A Viable Treatment

Bittman - Innovative Reclamation at Quintette: High Elevation/High Latitude Challenges

Bloodgood, Jones, Gould - Factors Influencing Density and Composition of Cover at Highland Valley Copper

Boyd, Davies, Woeller, Weemees - The Application of In-situ Technology in Plans for Tailings Impoundments

Davies - Constructed Wetland - Bullmoose Minesite, Tumbler Ridge, BC

Edwards, Lawrence - Hydrogeological Site Characterization in an Acid Rock Drainage Management Program at Mt. Washington

Herasymuik, Wilson, Barbour, Smith – Characterization of Hydrologic Properties in a Waste Rock Pile

Jackson, Hennebury, Baker - Reclaiming Reservoirs - Native Species Revegetation of Shorelines

Jones - New Reclamation Standards for Oil & Gas Disturbances

Macyk, Belts - Establishment of Trees and Shrubs on Mines Land in the Subalpine Region of Alberta

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Morin, Hutt, Ferguson - Measured Rates of Copper and Zinc Leaching in the International Kinetic Database

Morin, Hutt, Horne - Prediction of Future Water Chemistry from Island Copper Mine's On-Land Dumps

Nix, Gulley - Kinetic and Empirical Design Criteria for Constructed Wetlands

Renken - Environmental Effects of Copper Mine Effluent

Rippin, Kearney - A Cooperative Government-Industry Woodland Caribou Research Program in Northeastern Alberta

Ross, Hovdebo - Uranium Mine Reclamation

Schuerholz - The Struggle with Biodiversity Conservation

Shergill - Oil & Gas Well-site Reclamation Criteria

Smreciu - Selection of Native Legume Species for Reclamation in the Rocky Mountains

C. Smyth - Reclamation Research at Quintette Operating Corporation

Stephenson, Nelson, McBroom, Yan - Soil Treatment for Remediation of Heavy Metal Contaminated Soils

Stevens, Lawrence - Contaminant Transport in Water Filled Mine Pits

1996

Arocena, Young, Baker - Dust Control Option for Williston Reservoir: Preliminary Recommendation

Berdusco - Life in the Wake of a 200 Year Flood Event in the Elk Valley

Bryden - Tell BC Environment, Lands and Parks Where to Go – Compost and Biosolids Recycling Regulation

Elliot, Liu, Stogran - Organic Cover Materials for Tailings: Do they meet the requirements for an effective long term cover?

Ellsworth - Computer Visual Simulations and Surface Mine Closure: Three Case Studies in the USA

Gardner, Popp, Quinton, Mir, Mir, Buckley – Animal Response to Grazing on Reclaimed Mine Tailings

Graden - Computerized Mine Reclamation Planning

Jones, Bloodgood - Reclamation Research at Highland Valley Copper

Meyer, Gregr - Corporate Environmentalism – Giant Nickel A Case Study

Murphy, Napier - Eskay Creek Access Road

Quesnel, Stogran - In-Pit Disposal Program for Acid

Sale, Chanasyk, Naeth - Temporal Influence of Fly Ash

Sampson, Mellot, Pastorok - Ecological Risk

Sawatsky, Dick, Cooper, Keys, Tuttle – Design of a Rainfall Simulator to Measure Erosion of Reclaimed Surfaces

Scouras, Jackson, Hennebury - Restoring a Salmon Stream: A Balance

Smyth, Dearden - An Ecological Audit of the Regulatory Requirements for Reclamation in Nine North American Jurisdictions

Sobolewski - Development of a Wetland Treatment

Stephenson, Yan - Cleaning Up Metal and Hydrocarbon

1997

(Tony Milligan book award recipients indicated in yellow by year)

Allan - Trends in Fish Populations

Berdusco, O'Brien, Jones – Successful Re-establishment of Native Trees and Shrubs at Fording River

Bittman - High Elevation Native Species Island Model at Quintette Coal Mine

Bulmer - An Overview of Forest Soil Rehabilitation

Curran, Dykstra - Skid Road Rehabilitation Techniques

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Dixon, Malis - The Use of CIS in Environmental
Gizikoff, Jones, Bloodgood - Monitoring Indicators
Hansen, Sperling - Land Reclamation at Municipal
Lacarte - The Reclamation Process at Bullmoose
McKenna, Dawson - Closure Planning Practice
O'Kane, Mchaina, Stoicescu, Januszewski, Haug, Bews – Managing for Closure at Myra Falls through Soil Cover System
Olcay - The Challenge to Develop a Reclamation Program for Mining in Chile
Peddie, Duynstee, Taylor - Demonstrating Self Sustaining Vegetation – Granby Tailings, Princeton
Polster - Restoration of Landslides and Unstable Slopes: Considerations for Bioengineering in Interior Locations
Renken - Engineering Approach to Mine Reclamation
Smreciu, Yakimchuk, Currah - A Preliminary Evaluation of Native Psammophilous Plants for Reclaiming Oil Sands at Syncrude
C. Smyth - Establishment and Growth of Mycorrhizal and Rhizobium Inoculated High Elevation Legumes on Spoil dumps in SE. BC

1998

Bloodgood, Gizikoff, Jones - Biosolids Amendment at Highland Valley Copper
Brown, Greenaway, Sahota, Anand - Post Closure Consolidation and Seepage Assessment of Mine Tailings Deposits
Clark - Treatment of Runoff Containing Suspended Sediment
Fitch, Thompson, Kavanagh, Kovach - The Environmental Effects of Rock Drains
Foote, Jordan - Remote Mine Site Acid Rock Drainage
Galbraith - Reclamation Bonding
Given, Meyer - Biological Treatment of Tailings
Henry, Brown, Chancy, Compton - Bunker Hill, ID
Light - City of Kelowna Biosolids Recycling Facility
Macyk, Albush, Terry - Reclamation Research
Marsland, Wylie - Design for Closure. Does it Really Work?
Newcombe - Mining and Fisheries Protection
Peddie, Braman - Fling It, Flail It, Squirt It (Biosolids)
Renken - Engineering Approach to Mine Reclamation
Robertson - Alternatives Analysis for Mine
Robertson, Devenny, Shaw - Post Mining Sustainable
C. Smyth, Bittman - Pre-And Post-Mining Land Capability at Quintette Operations
Snider - Sediment Control During Instream Construction Using a Regression Analysis in the Yukon
Wilton, Lawrence - The Evolution of the Island Copper Mine Pit Lake
Zabil - Britannia Mine Hydrology

1999

Baker, Berthelot - Long-Term Management of Tailings and Tailings Dams at Decommissioned Mining Properties
Curran, Balmer - Forestry As An End Use for Reclaimed Mines: Some Considerations
Ducummon - The North American Bats and Mine Project
Duncan, Mattes - Field Scale Prototype for Anaerobic Wetlands Cells for Removing Heavy Metals from a Landfill
Freberg, Gizikoff - Development and Utilization of an End Land Use Plan at Highland Valley Copper

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Frostad, Klein, Lawrence - Prediction of Acid Rock Drainage at Red Mountain Project, NW. BC

Hall, Elliott, Quesnel - A New Approach to Tailings management: The Granular Cover

Hrycenko, Sobolewski - A Process-Oriented Approach to the Biological Removal of Selenium

Mawdsley - Specialized Testing Requirements

Mchaina, Weirmeir - Reclamation of Mine Openings at the Historic Highland Mine and

Kootenay-Florence Mines in Ainsworth, BC

Mchaina, Willmer - Impact of Contaminated Sites Legislation on Closure of an Acid Generating Minesite in BC

North - The First Certificate of Compliance (CSR) for a Minesite in BC – Island Copper Mine

Predika, Dawson, Stephenson - Managing Mine Subsidence Risks at the Three Sisters Resorts in Canmore

Quesnel, Dufresne, Rosentreter - Reducing Surface Hazards and Minimizing Environmental Disturbance at Aurora-Guidon Mine in SE BC

Sahota, Greenaway, Brown - Reclamation Activities at the Nickel Plate Mine Tailings Facility

C. Smyth - Attitudes Toward Native Species: Survey Results

Tribe, Tribe - A Successful Method of Reclaiming Subsidence in Abandoned Mining

Wallin, Hiller - Assessment of Arsenic Exposed in a Residential Area located on Mine Tailing: A Case Study at Campbell Mine, Ontario

Wilson, Sandstrom - Contaminated Site Legislation and Mine Closure

Wood, Berdusco - Fording River Revisited – A 25 Year Review of Projects at Fording

Zurkirchen, Mchaina - Environmental Management Considerations for a Minesite under Long Term Care and Maintenance

2000

Adams, Toll, Brix, Tear, DeForest - Site-Specific Approach for Setting Water Quality Criteria for Selenium: Differences with Lotic and Lentic Systems

Beranek, Kovach - The Use of GIS at the Line Creek Mine

Berdusco, Dixon, Lant, Jones, Cole - Selenium Studies in the SE of BC

Brienne, Falutsu, Weakley, Kulas, Kuit, Moller, et al – Selenium Release and Removal from the Red Dog Mine Operation

Brix, DeForest, Fairbrother, Adams - Critical Review of Tissue-Based Selenium Toxicity Thresholds for Fish and Birds

Casey, Siwik- Overview of Selenium in Surface Waters

Chapman - Selenium - Fate and Effects in the Aquatic Environment

Christie, McQueen, Husak - Ashcroft Roofing Granule Quarry – New Mine in Multiple Use Area

Dixon - Environmental Monitoring Toward End Land Uses

Fisher - Selenium in Terrestrial Ecosystems

McBride - Cariboo Reclamation Project and Sediment Control during the Construction Phase of a Major Mine

McDonald, Strosher - Selenium in the Elk River Basin

Mchaina - Planning and Implementation Initiatives

McKenna, Ducharme, Keys - Landscape Design: A New Planning and Assessment Framework for Mine Reclamation (Synchrude)

McKenna, Keys, van Meer, Roy, Sawatsky - The Impact of Beaver Dams on the Design and Construction of Reclaimed Mine Sites

Munkers, Bond, Brackney, Moller - The Biogeochemistry of Selenium in the US Western Phosphate Area: Sources, Pathways, Receptors and Controls

Nagpal - Proposed WQ Guidelines for Selenium

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Nahir, Scott, Royle, Palmer - Case Study: Development of a Rehabilitation Plan for the Abandoned Arctic Gold and Silver Mine site
Polster - Long Term Vegetation Development
Renken - Environmental Planning for ARD Waste
Smyth, Sheppard, Teske, Paton, Bittman – Assessment of Pre-and Post-Mining Wildlife Habitat for the Window Pit Development on Babcock Mountain, Tumbler
Vaartnou - Native Grass Seed Development
Van Ham, Lee, McLean - Pit to Park: Gravel Mine Reclamation using Biosolids
Welchman, Aspinall - A Sustainable Legacy: Utilizing Mine Assets Post-Closure Island Copper Mine

2001

Bent, Frostad, Davidson – Identification and Mitigation of High Zinc Discharges to the Environment from the Water Diversion System at the Kemess South Mine
Carr, Marsland, Virtanen - Mine Permit Surrender at Red Mountain Mines
Chaskar, Klein - Slag Reclamation in the 21st Century
Dirom - Mine Drainage from Lynx 8 & 10 Levels
Dixon, Tisch, Kangamba - Mining in Zambia
Donald, Kuit, Sandstrom - Bluebell Mine – Foreshore Remediation of Galena Bay
Donald, Kuit, Sandstrom - Bluebell Mine – Remediation of a Historic Minesite
Elphick, Bailey, Murphy - Toxicity Identification Evaluation of Effluent from a Mine
Errington - Mine Reclamation in British Columbia – Twenty-Five Years of Progress
Horton, Kempe - Progressive Reclamation Utilizing Biosolids at the Hedley Gold Tailings Project, Hedley BC
Johnson, Letient - Operating A Zero-Discharge Mine Waste Disposal Facility in Northern BC – The Huckleberry Mines Experience
Lin, Chesworth, Seed, Yetman, Shelp, Fyfe – Electrochemical Cover Technology to Prevent the Formation of ARD
McInnis, Thompson, Riehm - Runoff, Erosion and Sediment Control in the Peruvian High Andes: The Antamina Mining Project
Mueller, Hugdahl, Wambolt - Water Quality Monitoring: Developing Data Quality Objectives for Gibraltar Mine
O'Kane, Januszewski, Dirom - Waste Rock Cover Field Trials at the Myra Falls Operation – A Summary of Three Years of Performance Monitoring
Polster, Welchman, Hanks - Revegetation Strategy at the Island Copper Mine
Raggett, Bailey, Murphy, Chapman – Development of an Environmental Effects Monitoring Program for the Eskay Creek Mine
Roberts, Veiga - Planning for Closure in the Post-Industrial Age: A Proposed Framework for Building more Sustainable Mining Communities
Sandoval, Veiga, Hinton, Klein - Review of Biological
Sowa, Adamson, Chow - Water Management of the Steep Rock Iron Mines at Atikokan, Ontario
Tarasoff, Ramdin - Post Closure Mine Dewatering and Treatment of Contaminated Waters at the Sullivan Mine, Kimberley, BC

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Allan, Marsland, Vega - Environmental Excellence in Exploration at Tambogrande
Allen - Resloping of Waste Dumps – the Bullmoose Mine Solution
Ambodo - Mine Reclamation – the PT Inco Experience
Bent - Identification and Implementation of Fisheries Compensation Programs at the Kemess South Mine

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Bulmer, Krzic, Green, Suderman, Gevatkoff - Soil productivity and Forest regeneration success on reclaimed oil and gas sites in the Dawson Creek Forest District
Crook - The Environmental Assessment Act – a New Way of Doing Business
Davidson - Systematic Risk Based Deactivation and Stabilization Program- The Kemess Powerline
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Lloyd - Resource Development and Regulatory Change in Alberta – Where are we going?
Macyk - Thirty Years of Reclamation Research in the Alpine and Subalpine Regions near Grande Cache, Alberta
McCoy, Kurpysz, Newedou - Species Selection
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Naeth, Wilkinson - Plant Species Suitability for Reclamation of Oil Sands Consolidated Tailings
Napier - INCO Limited - One Hundred Years of Operation – Where do we go from here?
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Sharman, C. Smyth - The Progression of Native Island Establishment and Monitoring Practices on High-Elevation Waste Rock Dumps at Quintette Operations
C. Smyth, Kovach - Long-Term Monitoring
Straker, Jones, O'Brien, Berdusco – Regeneration of Moderate Yield Forests at Fording Coal
Watkins - An Overview
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Jones, Straker, Freberg, Hamaguchi – Reclamation Research and Monitoring at Highland Valley Copper
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Patterson – Water Management and Molybdenum Treatment at the Closed Noranda Inc. – Brenda Mine Site, Peachland, BC
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Martin, Goldblatt, Hiller – Development of a Site-Specific Water Quality Objective for Copper for a Post-Closure Mine Site Discharge
Bellefontaine, Price – Environmental Management Plans: A Key Tool in Ensuring Successful Long-term Environmental Management at Closed Mine Sites with ML/ARD
Stewart, Barazzuol – Historic Mine Sites Project, BC MEMPR
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MacCallum – Reclamation to Wildlife Habitat in Alberta's Foothills
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Gizikoff – Re-establishing Livestock on Mined Landscapes in the Southern Interior of BC

Vaartnou – Native Grass Seed Development – Progress after Eight Years

Polster – The Role of Invasive Plant Species Management in Mined Land Reclamation

Costa, Scoble – Sustainability in Mining Engineering – Seeking a Model for Education and Research

Renken, Yanful – Soil Cover Research to Mitigate Potential ARD in Combined Dry and Wet Closure of a Tailings Facility

Marsland, Virtanen – Red Mountain Mines – Five Years of Closure Work

Price – Challenges Posed by Metal Leaching and Acid Rock Drainage at Closed Mines

O'Hara – Britannia Mine Closure Plan

Patterson, Wambolt – Cost Generation Aspects of the Gibraltar Closure Plan

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Higgins, Wilson, Sandstrom, Dawson, Mann, Allard, Baker – Post Closure Human Health and Ecological Risk Assessment at Teck's Kimberley Operations

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Sharman – Closure Spillway for the Plantsite Tailings Dam, Quintette Operating Corp.

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Przeczek – A Review of the Reclamation Research Program at Teck's Sullivan Mine at Kimberley, BC

Mattes, Duncan, Gould – Biological Removal of Arsenic in a Multi-Stage Engineered Wetlands Treating a Suite of Heavy Metals

Bittman, Horswill – Sustainable Development in the Mining Industry Through Communities – a Teck Cominco Experience

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Reid, Getzlaf – Decommissioning Planning for Saskatchewan's Potash Mines

Sparks, Christensen, Kulshreshtha, Neil, Cooper – A Decision Analysis Based Cost-Benefit Framework for Evaluating Decommissioning Options for Potash Mine Sites in Saskatchewan

Crook – The New Environmental Assessment Process – A Sixteen-Month Status Report

Chapman – Selenium from Col Mining in the Elk River Valley

Harding, Graham, Paton – Accumulation of Selenium and Lack of Effects on American Dippers and Spotted Sandpipers

Richards, Borstad, Martinez de Saavedra Alvarez – Using Multispectral Remote Sensing to Monitor Reclamation at Highland Valley Copper

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Christensen, Ayres and O'Kane - An Evaluation of the Benefits of Incorporating Natural Slope Features into the Design of Final Mine Waste Landforms

Davidson, Stogran - Sediment Management Practices at the Kemess Mine

Forge, Broersma, Neilsen, Yu and Roddan - The Impacts of Municipal Biosolids on some indicators of Soil Health

G. Smyth - Creating a Sustainable Cover for a Sand Tailings Dam Using Biosolids and Log Yard Debris

Van Hamm - Residuals Reuse in Aggregate Mine Reclamation: A Decade of BC Experience

Sprenger, Compton, Maxemchuk-Daly, Brown, Zimmerman, and Chaney - Using Technical Performance Measures at a Base Metals Mine Site Pre- and Post Biosolids Treatment

Compton, Sprenger, Huang, Brown, and Liverman - U.S. EPA West Page Swamp Wetland Restoration, Kellogg, Idaho

Straker, C. Jones, Berdusco, R. Jones - Elk Valley Coal Waste as a Growth Medium - Results of Soil and Vegetation Analysis

French - Land Use Benefits of Aggregate Extraction

Donald - Polaris Mine - Reclamation in the High Arctic

Lindvall - Tailor-made Reclamation Solutions using Waste Products from External Sources at Boliden's Mine Sites

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Stogran, Davidson - An Update on the Kemess South Fisheries Compensation Agreement and Evaluation of the Effects of Flow Regulation and Sediment Management Practices on Bull Trout Utilization in the Kemess Creek System

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C. Smyth - A Review of Environmental Impact Statements and their Utility for Coal Surface Mine Reclamation Planning in Alberta and BC

Chapman - Selenium Status - Elk River Valley, BC

Chapman - Selenium Monitoring and Management - New Mines

Kawaja - Investigation of a Passive System for the Treatment of Mine Effluents – A Duplicate Column Study of Arsenic, Cadmium and Zinc Treatment in an Anaerobic Bioreactor

Renken, Yanful, Mchaina - Summary of Field Performance Evaluation of Soil-based Cover Systems to Mitigate ARD for the Closure of a Potentially Acid-Generating Tailings Storage Facility

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Sibbick, MacGillivray - Snip Mine: Seven Years After Closure

Bellefontaine - BC is Booming - Is ARD Looming? - An Overview of ML/ARD Regulatory Approach and Mining Issues in British Columbia

Mattes, Pommer, Duncan - Site Remediation of Acid Damaged Soils Using Sprayed Biosolids and Lime - A Case Study of the Area near the Trail Lead Zinc Smelter in Trail, BC
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Pelletier - Trout Lake Molybdenum Property Reclamation Case Study
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Pearse - Closure of the Colomac Mine - A First Nations-Mine Owner Collaboration
Tremblay, Hogan - Initiatives at Natural Resources Canada to Deal with Orphan and Abandoned Mines
Kawaja, Gould, Morin, Mattes, Duncan - A Performance Comparison of Arsenic, Cadmium and Zinc Treatment in a Duplicate Column Study of an Anaerobic Bioreactor Operated at 4°C and 25°C
Tremblay, Hogan - An Overview of the MEND Program - Canada's ARD Research and Technology Transfer Initiative
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McKee, Morris, Nicholson, Rosendale - Site Specific Risk Assessments of Two Former Copper Concentrate Shed Sites near Topley, B.C.
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Azevedo, O'Hara - Remediation Project – Counting the Pennies
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O'Hara, Azevedo, Bordian, Clausen, Madsen - Britannia Mine: Back to the Future...Remediation Progress at Britannia and a Bright Future as a Consequence Britannia Mine Water Treatment Plant: The First Year of Operations
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Power, Fikart, Tinhoal, Wilson, Stewart, Sinnett - Risk Ranking Methodology for Abandoned Mine Sites in B.C.

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Chapman, Jones - Update on the Status of Selenium Investigations in the Elk River Valley, B.C.

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Dixon - Selenium in Geological Samples: Investing in a Mathematical Mystery

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McLaren - Mine Reclamation and the British Columbia Environmental Assessment Process

Hogan, Tremblay - NOAMI and Partners – A Six-Year Retrospective

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Healey - Mount Washington Mine Remediation to Support Recovery of the Fish Stocks in the Tsolum River

Harrison, Marsland - The Importance of Sample Selection for the Purpose of Developing the Waste Rock Management and Conceptual Closure Plans at Kemess North

Steller, Reggin, Schmidt, Sylte - Safety and Sustainable Habitat Considerations for the Lakeview Dividend Mine Closure - Bats in the Adit

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Schmitt, Ames, Stoopnikoff - Development of the New Afton Copper Gold Mine on a Former Minesite in the Agricultural Land Reserve, Kamloops, BC

Phillip, Hockley, Dawson - Sullivan Mine Fatalities and the Role of Air Quality in Mine-Related Incidents

Cordy, Veiga, Carrasco - Urban Artisanal Gold Shops and Mercury Emissions

Mitchell - Mine Reclamation and Integrated Land Use in the Kimberley Region of Western Australia

Sousa, Veiga - Garimpo Canaan – A Successful Case of Reclamation of an Artisanal Gold Mine in the Amazon

Symaluk - Testing Landscape Modeling Approaches for Environmental Impact Assessment of Mining Land Use on Grizzly Bears (*Ursus Arctos Horribilis*) in the Foothills Region of West Central Alberta

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Amichev, Burger, Rodrigue - Carbon Sequestration by Forests and Soils on Mined Land in the Midwestern and Appalachian Coalfields of the US.

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R. Jones, Brienne, Jensen, Tompkins - Selenium Release from Coal Mines in the Elk Valley, and Treatment R&D Plans.

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Ashenhurst, Polzin - Revegetation Restoration for Culvert Replacement in a Wetland.

Raymond - Soil Bioengineering for Control of Soil Erosion in a Re-Constructed Waterway on an Alberta Oil Sands Overburden Dump.

Myrowich, Nelson - The Benefits of Biotics in Erosion Control Materials for Critical Sites:

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Priscu, Aldea, Wond, Dunham, Lumey - Minimizing Environmental Impacts in Rehabilitating Small Remote Abandoned Mine Sites in Manitoba.

Runnels, Stewart - BC Crown Contaminated Sites Program Remediation of the Historic Mine Tailings at Two Mile Creek, near Hazelton, BC.

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