

**THIS TABLE LISTS ALPHABETICALLY  
THE TECHNOLOGY OVERVIEWS  
POSTED ON THE MINING WASTE  
TECHNOLOGY SELECTION WEBSITE**

**MIW = MINING-INFLUENCED WATER  
MSW = MINING SOLID WASTE  
[LINK TO MAP OF CASE STUDY  
LOCATIONS](#)**

<b>Technology</b>	<b>Media</b>	<b>Case Studies</b>
<a href="#">Administrative and Engineering Controls</a>	MIW & MSW	<ul style="list-style-type: none"> <li>• Abandoned TVA Site</li> <li>• Annapolis Mine</li> <li>• Tar Creek Superfund Site</li> <li>• Black Butte Mercury Mine</li> <li>• Commerce/Mayer Ranch</li> <li>• Copper Basin Mine</li> <li>• Ely Copper Mine</li> <li>• Horse Heaven Mine</li> <li>• Ore Hill Mine</li> <li>• Kerramerican Mine</li> <li>• Southeast Ohio Coal Mine</li> <li>• Gribbons Basins Site</li> <li>• Kennecott South Zone</li> <li>• Leviathan Mine</li> <li>• Orono-Dunweg Site</li> </ul>
<a href="#">Aeration Treatment Systems</a>	MIW	<ul style="list-style-type: none"> <li>• Leviathan Mine</li> </ul>
<a href="#">Anoxic Limestone Drains</a>	MIW	<ul style="list-style-type: none"> <li>• Ohio Abandoned Bituminous Coals, SE, OH</li> <li>• Copper Basin Mining Site, TN</li> <li>• Hartshorne/Whitlock-Jones, Hartshorne, OK</li> <li>• Valzinco Mine, VA</li> <li>• Copper Basin, TN</li> <li>• Tecumseh AML Site 262, IN</li> <li>• Tennessee Valley Authority, AL</li> </ul>
<a href="#">Backfilling and Subaqueous Disposal</a>	MIW & MSW	<ul style="list-style-type: none"> <li>• Hume Mine, MO</li> <li>• Cottonwood Creek Mine, MO</li> <li>• Valzinco Mine, VA</li> <li>• Copper Basin, TN</li> <li>• Tar Creek Superfund Site, OK</li> <li>• McNeely Green Reclamation, OK</li> <li>• Bark Camp, PA</li> <li>• Central City/Clear Creek Superfund Site, National Tunnel , CO</li> </ul>
<a href="#">Biochemical Reactors</a>	MIW	<ul style="list-style-type: none"> <li>• Leviathan Mine, CA</li> <li>• Golinsky Mine, CA</li> <li>• Stowell Mine, CA</li> <li>• Copper Basin, TN</li> <li>• Central City/Clear Creek Superfund Site, CO</li> <li>• Alpine Co., California 1 &amp; 2</li> </ul>

<u>Capping, Covers, and Grading</u>	MSW	<ul style="list-style-type: none"> <li>• Annapolis Lead Mine, MO</li> <li>• Big River mine Site, MO</li> <li>• Dunka Mine, MN</li> <li>• Gribbons Basin, MT</li> <li>• Horse Heaven, OR</li> <li>• Iron Mountain Mine, CA</li> <li>• Kerramerican, ME</li> <li>• Magmont Mine Site, MO</li> <li>• Orono-Dunweg, Mo</li> <li>• Valzinco Mine, VA</li> <li>• Copper Basin, TN</li> <li>• Bark Camp, PA</li> <li>• Cottonwood Creek, MO</li> <li>• Ely Copper Mine, VT</li> <li>• Hume Mine, Mo</li> <li>• I-99 Remediation, PA</li> <li>• Lava Cap Mine, NV</li> <li>• Ohio Numerous Coal mine Sites, OH</li> <li>• McNeely Green, OK</li> <li>• Stull Yard, ID</li> <li>• Tecumseh, AM Site 262, IN</li> </ul>
<u>Chemical Precipitation</u>	MIW	<ul style="list-style-type: none"> <li>• Multiple Ohio sites</li> <li>• Copper Basin Mining- Lower Potato TN</li> <li>• I-99 Remediation, PA</li> <li>• Iron Mountain Mine (Copper), CA</li> <li>• Leviathan Mines, CA</li> <li>• Fire Road Mine, New Brunswick, Canada</li> <li>• Copper Basin of TN</li> <li>• Unnamed Site, Alpine CA</li> <li>• Sunshine Mine, ID</li> <li>• Inactive Copper Mine, VT</li> <li>• Zortman Landusky–Swift Gulch Site, MT</li> <li>• Wellington-Oro Water Treatment Plant</li> <li>• Lava Cap Mine, CA</li> <li>• Toby Creek, PA</li> <li>• Friendship Hill, PA</li> <li>• Argo Tunnel, CO</li> <li>• Cement Creek, CO</li> <li>• American Tunnel, CO</li> <li>• Confidential, Gold/Silver Mine, CO</li> </ul>
<u>Chemical Stabilization Phosphate and Biosolids Treatment</u>	SMW	<ul style="list-style-type: none"> <li>• Orono-Dunweg, MO</li> <li>• Ore Hill Mine, NH</li> </ul>

<a href="#">Constructed Treatment Wetland</a>	MIW	<ul style="list-style-type: none"> <li>• Bark Camp, PA</li> <li>• Commerce/Mayer, OK</li> <li>• Copper Basin, TN</li> <li>• Dunka Mine, MN</li> <li>• Keystone, CA</li> <li>• Hartshorne/Whitlock, OK</li> <li>• Ohio Multiple Sites</li> <li>• Tecumseh, AML Site 262, IN</li> <li>• Valzinco Mine, VA</li> </ul>
<a href="#">Diversionary Structures</a>	MIW	<ul style="list-style-type: none"> <li>• Leviathan Mine, CA</li> <li>• Copper Hill</li> <li>• Bingham Canyon Mine</li> <li>• Stowell Mine, CA</li> <li>• Tar Creek, OK</li> </ul>
<a href="#">Electronic Coagulation</a>	MIW	<ul style="list-style-type: none"> <li>• Hydro-met LLC, SD</li> </ul>
<a href="#">Electrokinetics</a>	SMW	<ul style="list-style-type: none"> <li>• Electrokinetic Remediation at Alameda Point, Alameda California - <a href="http://costperformance.org/profile.cfm?ID=5&amp;CaseID=5">http://costperformance.org/profile.cfm?ID=5&amp;CaseID=5</a></li> <li>• Electrokinetic Extraction at the Unlined Chromic Acid Pit, Sandia National Laboratories, New Mexico - <a href="http://costperformance.org/profile.cfm?ID=246&amp;CaseID=246">http://costperformance.org/profile.cfm?ID=246&amp;CaseID=246</a></li> <li>• Electrokinetics at Site 5, Naval Air Weapons Station Point Mugu, California - <a href="http://costperformance.org/profile.cfm?ID=189&amp;CaseID=189">http://costperformance.org/profile.cfm?ID=189&amp;CaseID=189</a></li> <li>• In Situ Electrokinetics Remediation at the Naval Air Weapons Station, point Mugu, California - <a href="http://costperformance.org/profile.cfm?ID=188&amp;CaseID=188">http://costperformance.org/profile.cfm?ID=188&amp;CaseID=188</a></li> </ul>
<a href="#">Excavation and Disposal of Solid Mining Waste</a>	SMW	<ul style="list-style-type: none"> <li>• Annapolis Lead Mine, MO</li> <li>• Lava Cap Mine, NV</li> <li>• Potosi Area, MS</li> <li>• Shiny Rock Mine, WA</li> <li>• Valzinco Mine, VA</li> </ul>
<a href="#">In Situ Biological Treatment</a>	MIW & SMW	<ul style="list-style-type: none"> <li>• Sequatchie Valley Coal Mine, TN</li> </ul>
<a href="#">In Situ Treatment of Mine Pools and Pit Lakes</a>	MIW	<ul style="list-style-type: none"> <li>• Red Oak Coal Mine, OK</li> </ul>
<a href="#">Ion Exchange</a>	MIW	<ul style="list-style-type: none"> <li>• Soudan Mine, MN</li> </ul>

<a href="#">Microbial Mats</a>	MIW	<ul style="list-style-type: none"> <li>• Fort Hood, TX</li> <li>• Tennessee Valley Authority, AL</li> </ul>
<a href="#">Passivation Technologies</a>	SMW	<ul style="list-style-type: none"> <li>• Golden Sunlight Mine, MT</li> </ul>
<a href="#">Permeable Reactive Barrier Systems</a>	MIW	<ul style="list-style-type: none"> <li>• <a href="#">ITRC PRB-4, 2005</a> - Nickel Rim Mine Site, Sudbury, Ontario, Canada</li> <li>• <a href="#">ITRC PRB-4, 2005</a> - Monticello Mill Tailings Site, Monticello, Utah</li> <li>• Permeable Reactive Wall Treatment of Acid Mine leachate at the Basin Luttrell Pit, Ten Mile Creek Site, Lewis and Clark County, Montana, Robert Semenak, Kemron; Kinghan, N., Kemron; Powell, G., USEPA; Way, S., USEPA 1, <a href="http://www.kemron.com/Documents/Hard%20Rock%20Presentation.ppt#315.1.Slide">http://www.kemron.com/Documents/Hard%20Rock%20Presentation.ppt#315.1.Slide</a></li> </ul>
<a href="#">Phytotechnologies</a>	MIW & MSW	<ul style="list-style-type: none"> <li>• Ely Copper Mine, VT, phytosequestration</li> <li>• Kerramerican NPL, ME, phytohydraulics</li> <li>• Magmont Mine, MO, phytosequestration</li> <li>• Black Butte Mercury Mine, OR, phytosequestration</li> <li>• Gribbons Basin, MI, phytosequestration, phytohydraulics</li> <li>• Valzinco Mine, VA, phytosequestration</li> <li>• Copper Basin, TN, phytosequestration</li> <li>• Sequatchie Valley Coal Mine, TN, phytosequestration, phytohydraulics</li> <li>• Bark Camp, PA, phytosequestration, phytohydraulics</li> <li>• Annapolis Lead Mine Site, MO, phytosequestration</li> <li>• UP Mines, MI, phytosequestration</li> <li>• Boston Mill, Cochise County, AZ</li> </ul>
<a href="#">Pressure Driven Membrane Separation Technologies</a>	MIW	<ul style="list-style-type: none"> <li>• Bingham Canyon Mine Ground Water Project, Zone A Sulfate Plume, Kennecott South Zone, Copperton UT</li> <li>• Pennsylvania Coal Mine, Southwest</li> </ul>
<a href="#">Re-Use and Reprocess (R<sup>2</sup>) Technologies</a>	MIW & SMW	<ul style="list-style-type: none"> <li>• Tar Creek (Operable Unit 4)</li> <li>• Potosi Mine, MO</li> </ul>