

Sector	Type		Examples	Opportunity
MINING	Iron Ore	Formational	Hematite, Magnetite, limonite, Siderite	Drain Grind before concentrator
	Metals	Copper	Gold, Silver, Platinum	Dewater grind cyclone overs/unders (ELIMINATE TSF)
		Precious Metals Rare Earths Nickel		On Again/Off Again Vat Leaching Pads
	Coal	Lignite	Power generation	Dewater moisture controlled stockpiles
		Metallurgical Bituminous	Additive in steel manufacturing Power generation	
	Industrial Sand	Mineral Sands	Zircon, Chromite, Titanium Minerals 100% SiO ₂	Dewater sand stockpiles for wet shipment or dryer plants
Building Products Foundry Frac Sand		Cement siding, Shingles Steel industry cast molds Clean, dried, round, hard, well sorted		
Aggregates	Sand/Gravel	rock, sand, fines	Process water recycling	
	Concrete Asphalt	rock, sand, fines rock, sand, fines	Rock and fines SSD water recycling Dewater fines before asphalt kiln dryers	
Bitumen Mining	Oil Sands	Heavy Crude Production	Tailings Dewatering	
FERTILIZER	Potash	Potassium Chloride	Intrepid Potash	Drain product before dryers
AGRICULTURE	Silo Storage	Grain	Storage Bins, Circle Stacks	Dewater grain stockpiles
PAPER	Wood Pulp		International Paper Company	Dewater wood pulp at mill
FUEL	Biomass		Biomass Crops, Woody Fuels	Dewater or moisture control/recycling
INDUSTRIAL	Wash Bays		Trucks, Trains, Environmental Clean-up	Water catchment for treatment