Iron Ore Metals	Formational Copper Precious Metals	Hematite, Magnetite, limonite, Siderite	Drain Grind before concentrator Dewater grind cyclone overs/unders
Metals	· · ·		Dewater grind cyclone overs/unders
	Rare Earths	Gold, Silver, Platinum	(ELIMINATE TSF)
	Nickel		On Again/Off Again Vat Leaching Pads
Coal	Lignite	Power generation	Dewater moisture controlled stockpiles
	Metallurgical	Additive in steel manufacturing	
	Bituminous	Power generation	
Industrial Sand	Mineral Sands	Zircon, Chromite, Titanium Minerals	Dewater sand stockpiles for wet shipment or dryer plants
	Glass Sand	100% SiO2	
	Building Products	Cement siding, Shingles	
	Foundry	Steel industry cast molds	
	Frac Sand	Clean, dried, round, hard, well sorted	
Aggregates	Sand/Gravel	rock, sand, fines	Process water recycling
	Concrete	rock, sand, fines	Rock and fines SSD water recycling
	Asphalt	rock, sand, fines	Dewater fines before asphalt kiln dryers
umen Mining	Oil Sands	Heavy Crude Production	Tailings Dewatering
Potash	Potassium Chloride	Intrepid Potash	Drain product before dryers
Silo Storage	Grain	Storage Bins, Circle Stacks	Dewater grain stockpiles
	1		
Wood Pulp		International Paper Company	Dewater wood pulp at mill
Biomass		Biomass Crops, Woody Fuels	Dewater or moisture control/recycling
Mach Rave		Trucks Trains Environmental Clean-un	Water catchment for treatment
\	Aggregates Imen Mining Potash Illo Storage Wood Pulp	Lignite Coal Metallurgical Bituminous Mineral Sands Glass Sand Building Products Foundry Frac Sand Sand/Gravel Concrete Asphalt Imen Mining Oil Sands Potash Potassium Chloride Illo Storage Grain Mood Pulp Biomass	Lignite Metallurgical Bituminous Mineral Sands Glass Sand Building Products Foundry Frac Sand Aggregates Concrete Asphalt Metallurgical Bituminous Power generation Zircon, Chromite, Titanium Minerals 100% SiO2 Cement siding, Shingles Steel industry cast molds Clean, dried, round, hard, well sorted rock, sand, fines Immen Mining Oil Sands Potash Potassium Chloride Intrepid Potash Interpid Potash Mood Pulp International Paper Company Biomass Biomass Crops, Woody Fuels