



Don't let your money go to waste!

Dumping by the Numbers

Breaking down our statistics

Mining companies dump 220+ million tonnes of tailing and waste rock into oceans, rivers and lakes each year.

Tailings and Waste Rock Dumped by Existing Mines Each Year*

Mines (linked to data source)	Location	Company	Type of Dumping	Tailings and Waste Rock (tonnes)
Grasberg	West Papua	Freeport McMoRan	River	> 76 million
Batu Hijau	Indonesia	PT Amman Mineral Nusa Tenggara	Marine	> 40 million
Kvannevang	Norway	Rana Gruber AS	Marine	> 2 million
Skaland	Norway	Skaland Graphite ASA	Marine	> 40,000
Cayeli	Turkey	First Quantum Minerals	Marine	> 3 million
Simberi	Papua New Guinea	St Barbara Limited	Marine	> 3 million
Ramu	Papua New Guinea	Highlands Pacific / MCC	Marine	> 5 million
Ok Tedi	Papua New Guinea	Ok Tedi Mining	River	> 74 million
Lihir	Papua New Guinea	Newcrest Mining	Marine	> 14 million
Porgera	Papua New Guinea	Barrick Gold	River	> 5 million
Carol	Canada	Rio Tinto IOC	Lake	> 500,000
Meadowbank	Canada	Agnico Eagle	Lake	> 2 million
Musselwhite	Canada	Goldcorp	Lake	> 1 million
Sudbury Strathcona	Canada	Glencore plc	Lake	> 1 million
Kensington	USA	Coeur Mining	Lake	> 300,000
TOTAL				>226 million

The amount of tailings dumped each year is enough to fill 55 [football] stadiums. The [volume](#) of AT&T Stadium in Dallas, TX is 104 million cubic feet (f3). Based on a density of [1.36 tons of mine tailings per cubic meter](#), 220 million tonnes of mine waste has a volume of 161,764,705 cubic meters; converted to cubic feet, that is 5,712,666,644 f3. Divide total volume of waste by total volume of the stadium: 5,712,666,644 f3 / 104,000,000 f3 = 54.9 or 55 stadiums.

Bank of America, Credit Suisse, JP Morgan, and Citigroup have ties to companies engaging in this practice through bonds and other financial services worth an estimated \$4.4 billion, according to Bloomberg Terminal research in September 2017.

Aqueous mine waste disposal is being phased out in many parts of the world according to the [International Assessment of Marine and Riverine Disposal of Mine Tailings, May, 2013](#).

* This list does not include all operations that dump mine waste into oceans, rivers, and/or lakes.