



Montana Resources

Montana Resources, LLC
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January 25, 2024

Conor Fox, Air Quality Engineering Scientist
Montana Department of Environmental Quality
Air Quality Bureau, Field Services Section
P.O. Box 200910
Helena, MT 59620-0901

RE: 2023 Annual Production Information

Dear Mr. Fox:

Please find enclosed the 2023 Annual Production Information required by Air Quality Permit #1749-14. This information has also been provided online as the annual air quality emission inventory.

If you have any questions, please contact me at 496-3205, or Mark Thompson at 496-3211.

Sincerely,

Jeremy Fleege, PE
Environmental Engineer

MONTANA RESOURCES, LLC

CONTINENTAL PIT BUTTE, MONTANA

EMISSIONS INVENTORY 2023 YEAR END

	YTD 2023
Tons of Ore Mined	15,715,558
Tons of Waste Mined	13,288,410
Haul Truck Vehicle Miles (1)	729,912
Support Vehicle Miles Traveled (2)	623,146
Heavy Equipment Other Than Haul Trucks (5)	38,335
Number of Holes Drilled	14,254
Number of Blasts	131
Tons of Explosives	6,394
Tons of Ore Through Primary Crusher	15,715,558
Tons of Ore Through Secondary Crusher	15,715,558
Tons of Ore Through Fine Ore Bins	15,715,558
Tons of Ore to Concentrator (3)	15,715,558
Current Acreage of Disturbed Area	5,566
Current Exposed Area of Tailing Pond	1,106
Gallons of Diesel Consumed (6)	3,367,037
Gallons of Gasoline Consumed	70,812
Tons of Lime Unloaded (7)	57,366.88
Concentrator and Primary Crusher	44,822.86
Water Treatment Plant	12,544.02
Tons Through Molybdenum Dryer (8)	7,087.59
Type of Chemical Dust Suppressant Used	Sodium Chloride
Tons of Chemical Dust Suppressant Used	37.6
Water Truck Hours (4)	3,871.0

(1) 18-6 240 ton haul trucks: 123,307 loads @ \approx 2.96 miles (Y.T.D. 2023)

(1) Highest vehicle miles traveled by haul trucks (VMT's) Jan. 01, 2023 - 2,919 VMT's (Y.T.D. 2023)

(2) 68 vehicles - averaged 8.8 miles per gallon

(3) The daily average throughput for ore during 2023 was 43,056 tons per day.

(3) The highest throughput day for ore during 2023 was July 02, 2023. 56,345 tons of ore were treated in the mill

(4) MR's Water Truck: 52,000 gallons

(5) Loader @ 2 miles per day X 366 days = 730 VMT

(5) Grader @ 50 miles per day X 366 days = 18,250 VMT

(5) Water Truck @ 5 miles per hour X 3,871 hours = 19,355 VMT

(6) Average consumption per day of diesel during 2023 was 9,225 gallons

(7) Average tonnage unloaded per day of lime during 2023 was 157.17 tons

(8) The highest throughput day for the molybdenum dryer during 2023 was Oct. 08, 2023. 45.34 tons of molybdenum concentrate were dried.*