Energy Summary

Construction Energy			
Source	Diesel (gallons)	Gasoline (gallons)	Total MMBTU
Off-Road Construction Vehicles	4,958.04	0.00	686.639
On-Road Construction Vehicles	504.03	394.67	118.876
Total	**5,462.07**	**394.67**	**805.515**

Operation Energy				
Source	Diesel (gallons)	Gasoline (gallons)	Electricity (MW-hr/yr)	MMBTU/Year
On-Road Operation Vehicles	126,941.92	1,369.75	-	17,750.501
Off-Road Operation Vehicles	41,620.49	0.00	-	5,764.021
Mine Electricity Use	-	-	756.19	2,580.119
Total	**168,562.41**	**1,369.75**	**756.19**	**26,094.641**

Notes:
1. Energy content for fuel: 1 gallon gasoline/E10 = 124,340 BTU; 1 gallon low sulfur diesel = 138,490 BTU; 1 pound compressed natural gas = 22,543 BTU; 1 MW-hr electricity = 3,414,000 BTU (US Department of Energy, Alternative Fuels Data Center, 2014, https://afdc.energy.gov/fuels/fuel_comparison_chart.pdf).