

STATEMENT OF ENERGY PERFORMANCE

DEQ-Upper Merrill Crowe Bio Treatment
Zortman-Landusky Mine
Zortman MT 59546

Date: 8/24/2021
Year Built: 2001
Parent: DEQ-Zortman-Landusky Mine

	Baseline:	2012	2015	2017	2018	2019	Current:
Energy Date:	12/31/2007	12/31/2012	12/31/2015	12/31/2017	12/31/2018	12/31/2019	12/31/2020
Energy Star Score:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Floor Area:	55,000	55,000	55,000	55,000	55,000	55,000	55,000 Sq. Ft.
Heating Degree Days	7661	7622	7468	7985	9021	9297	7803
Cooling Degree Days	610	559	462	602	450	339	459
Reported Annual Energy Use:							
Site Energy Use:	991.7	N/A	1011.9	N/A	1122.6	1300.8	1133.1 MBTU
Site EUI:	18,031	N/A	18,399	N/A	20,411	23,650	20,602 BTU/ft2
Electricity:	290,645	N/A	296,582	N/A	329,015	381,234	332,095 kWh
Max Electric Demand:	83.6	N/A	70.4	N/A	73.3	73.4	74.6 kW
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms
Reported Annual Energy Cost:							
Electricity Cost:	\$25,973	N/A	\$42,759	N/A	\$47,198	\$53,174	\$45,217
Electric Demand Cost:	\$6,891	N/A	\$15,919	N/A	\$15,803	\$16,927	\$16,124
Natural Gas Cost:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Energy Cost:	\$25,973	N/A	\$42,759	N/A	\$47,198	\$53,174	\$45,217
Energy Cost/ft2	\$0.472	N/A	\$0.777	N/A	\$0.858	\$0.967	\$0.822
Weather Normalized Energy Use:							
Site Energy Use:	991.7	N/A	1011.9	N/A	1122.6	1300.8	1133.1 MBTU
Site EUI:	18,031	N/A	18,399	N/A	20,411	23,650	20,602 BTU/ft2
Electricity:	290,645	N/A	296,582	N/A	329,015	381,234	332,095 kWh
Natural Gas:	N/A	N/A	N/A	N/A	N/A	N/A	N/A Therms
National Median Energy Use:							
Site Energy Use:	1753.6	2204.8	1753.6	2204.8	1753.6	1753.6	1753.6 MBTU
Site EUI:	31,883	40,087	31,883	40,087	31,883	31,883	31,883 BTU/ft2
% Difference from National Median:							
Site EUI:	-43.45%	N/A	-42.29%	N/A	-35.98%	-25.82%	-35.38%
Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Direct Emissions:	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indirect Emissions:	84.8	114.1	86.5	N/A	96.0	111.2	96.9
Total Emissions:	84.8	N/A	86.5	N/A	96.0	111.2	96.9
National Median Annual Greenhouse Gas Emissions (Metric Tons CO2 equivalent):							
Total Emissions:	150.0	156.3	150.0	156.3	150.0	150.0	150.0
Adjusted Energy Based on Current Year:							
Site Energy Use:	N/A	N/A	N/A	N/A	N/A	N/A	N/A MBTU
Site EUI:	N/A	N/A	N/A	N/A	N/A	N/A	N/A BTU/ft2
% Difference Adjusted Site Energy Use							
2012 to Baseline	N/A	Note: N/A has meanings as follows:					
2015 to Baseline	N/A	Energy Star Score: Not available for this type of property					
2017 to Baseline	N/A	Adjusted Energy Use: Not available for this property					
2018 to Baseline	N/A	Most other data: Not available due to insufficient or missing data					
2019 to Baseline	N/A						
Current to Baseline	N/A						
2019 to 2020	N/A						