



Black Mountain Sand Weld

Environmental Responsibility

- In 2015, 75 percent of frac sand in domestic production was shipped by truck or rail from mines located in the upper Midwest; by localizing the mining operations, the Lost Creek Mine will significantly decrease environmental impacts of long-distance shipping and transport.
- The plant is designed to maximize recycling of water and minimize the overall amount of water used through a “closed-loop” processing system. The system is designed to reduce the amount of water lost through evaporation while simultaneously re-using and saving water used during operations.
- The project’s proposed permit boundary has been offset by at least 200 feet from the project boundary, allowing for a natural buffer area of undisturbed land to surround the project.
- Through the process of concurrent reclamation, Lost Creek will minimize environmental impacts and disturb as little land as possible by reclaiming land no longer needed as the mine continues to operate.
- Site fencing of the mine’s entire footprint is planned to maintain safety and security of workers while also hindering the opportunity of area wildlife to come into contact with mine operations.
- Dry sand product will be stored in enclosed silos at the site and all outside storage piles will contain water to minimize blowing sand.
- All water used for the Lost Creek Mine’s processing facility will be delivered through existing on-property wells owned by related company, Black Mountain Land. Water used for the processing facility will be re-appropriated from agricultural to multiple use, and as a result, no new water use impacts are anticipated.

Public Health and Safety

- By using a fully enclosed wet processing system and employing onsite dust suppression, dust and noise pollution will be controlled and widely eliminated.
- The location of the mine combined with the fact that there will be no blasting or outside dry crushing operations at the site ensures that noise and disruptions to adjacent landowners and grazing animals will be minimized.
- By strategically locating and shaping topsoil stockpiles around the edges of the active mining operations to serve as sound barriers, noise disruptions will be further minimized.
- Access roads, parking lots, and truck loadout areas will be paved to reduce dust emissions and maximize public safety.
- Paving and widening a large portion of County Road 91, adding turn lanes on Hwy 34 and County Road 91, and upgrading the ditch crossing over County Road 91 will improve road safety for all area residents and road users as well as reduce potential truck traffic congestion and roadway dust.
- The construction of a paved truck staging area within the plant operations means less congestion and no waiting truck traffic on County Road 91 for loading operations.
- All lighting at the site will be mounted and shielded to minimize spill-lighting, glare, and unnecessary light diffusion to ensure light pollution is minimized to neighboring properties. Additionally, lighting will be provided at the site entrance off County Road 91 to increase road safety at night.
- Weight scales incorporated into the onsite loadout facility will ensure delivery trucks do not exceed road weight limits.