

Mining Case Study

CASE STUDY - Mining Dust

Problem: A Coalmine was having an issue of dust blowing around the site and into a neighboring town, causing multiple complaints from local residents. The dust also caused safety concerns through the loss of visibility. Air quality was also negatively impacted. Lastly, the mine was losing money as their stockpiles were being blown away.

Concept: The Mine needed to protect the stockpile from wind to keep the dust to an absolute minimum.

Solution: Wind & Sun Protection proposed to design and install a 30' high fence around The fence was placed around the stockpile on the prevailing wind side of the site.

Result: Since installing the wind fence, the site is now cleaner, coal dust has been dramatically reduced and complaints from the neighboring town have greatly decreased. The site is safer, and more enjoyable to work at, while the mine also has reduced the amount of waste from stockpiles.