



Alpha Ridge Landfill

2350 Marriottsville Road
Marriottsville, MD 21104

The gen-set enclosure was set by a crane on March 29th. The enclosure is approximately 41' long x 11' wide x 10' high.





The gen-set, a Jenbacher J320, is housed inside of sound attenuated enclosure.

View of gen-set positioned behind existing blower station with air intake, radiator and exhaust silencer installed on top from left to right.



Gas compressor skid is located behind the existing flare on a concrete pad.



The gas compressor increases the pressure of the incoming landfill gas so that it can be fed to the gen-set. It also removes the moisture that comes off the landfill gas when the pressure is increased.

The switchgear and transformer are installed to transmit the electricity generated to the local utility grid.



The switchgear includes a meter which tracks electricity generation. It also includes circuit breakers to protect personnel and equipment.