



Project Profile

Client: Western Construction

Western Construction is a contractor involved in road-building projects throughout the state of Idaho.

Project Scope:

TORF Environmental Management was retained to acquire approval for use of used motor oil in the operation of a **mobile hot mix asphalt (HMA) plant**. The HMA plant was already operating under an existing Air Quality Permit that allowed the use of other fuels.

Challenges: In the time since the original Permit was developed, the standard emission factors for asphalt plants used to calculate criteria air pollutant emissions had been revised. In addition, Toxic Air Pollutant emissions had not been estimated for the original permit. Therefore, calculating a meaningful “net emission change” was problematic. The Idaho DEQ’s simultaneous HMA Plant permitting review resulted in intense agency focus on this Permit modification.

Work Product: TEM demonstrated no significant net emissions rate increases for most pollutants. Air dispersion modeling was used to calculate air pollutant concentrations. TEM demonstrated acceptable ambient air quality for all criteria and toxic air pollutants.

Value Added: TEM developed a Permit that reduced costs and increased flexibility for our Client. TEM convinced IDEQ to remove unnecessary operating restrictions and record keeping requirements.