



MDEQ FACT SHEET

Concrete Grinding Operations

General Siting Criteria for any source of Air Emissions

- All sources of air emissions must be at least 150 feet from the nearest residential structure or recreational area.
- General Nuisances. No person shall cause, permit, or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.
- Equivalent Opacity. No person shall cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Section 3.1(a). This shall not apply to vision obscuration caused by uncombined water droplets.

Stormwater Construction

For any proposed portable grinding operation, if more than one acre of land is disturbed then one of the two Storm Water Construction General Permits would be applicable. Both types would be general permits and require very little lead time to obtain coverage. Applications can be found at:

http://www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral?OpenDocument

Large Construction General Permit – over five acres disturbed

Small Construction General Permit – between one and five acres

Stormwater Baseline

The site could also need coverage under the Baseline Storm Water General Permit for the stockpiling of crushed materials, if proposed. This is a general permit and generally takes limited time to obtain coverage.

Air Permit Considerations

If the grinder is electric, then air emissions would not have to be evaluated. However, if the power source is diesel-fired, then emissions would have to be calculated using manufacturer's data or some other emission factor in order to determine if other permits are required. If needed this would have to be an individual permit and may take longer to obtain than a general permit.

Contact Information

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