

**SECTION 620 – DUST CONTROL**

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4 **620.01 Description.** This section describes providing dust control to mitigate  
5 project dust nuisance.  
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7 **620.02 Materials.** Geobinder shall readily mix with water to form thin protective  
8 crust that will resist effects of water and wind erosion. Geobinder shall be  
9 environmentally benign, harmless to fish, birds, plants, and animals, and shall be  
10 nontoxic and noncombustible.  
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12 Surfactant shall enable water to be absorbed by soil more effectively by  
13 modifying surface tension of water.  
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15 **620.03 Construction.**  
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17 **(A) Preconstruction Requirements.** Submit plan outlining design and  
18 construction methods for project dust control. Design to minimize project  
19 impacts on adjacent properties. Include details for furnishing and applying  
20 water and constructing and maintaining dust screens. Provide water pollution  
21 control measures that are for dust control and that meet requirements of  
22 Section 209 - Temporary Water Pollution, Dust, and Erosion Control.  
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24 Dust control plan shall contain the following:  
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26 **(1)** List of dust producing activities.  
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28 **(2)** Method(s) that shall be used to mitigate or eliminate amount of  
29 dust produced, such as spraying water from water truck, using  
30 misters, chemical dust controlling agents, or combination thereof;  
31 hydromulching, keeping soil moist, and grassing.  
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33 **(3)** Name of designated Contractor's representative responsible for  
34 implementing dust control plan, representative's home, business, and  
35 fax number. Representative shall have authority to resolve complaints  
36 and inquiries. The Department will send public complaints and  
37 inquiries regarding dust from construction activities to the  
38 representative.  
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40 **(4)** Sampling program to collect data on effectiveness of methods  
41 used in controlling dust performed by independent certified monitoring  
42 laboratory. Direct independent certified monitoring laboratory to begin  
43 monitoring for dust before construction begins to establish base data.  
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45 **(5)** Proactive community relations program regarding dust issues.  
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**620.04**

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**(B) Construction Requirements.**

- (1)** Do not begin work on the project until complete submittals detailed in Subsection 620.03(A) - Preconstruction Requirements have been accepted by the Engineer.
- (2)** Conduct proactive community relations program regarding dust issues.
- (3)** Maintain dust screens until permanent ground cover has been established. Revise dust screen installations, as necessary, to complete work and to meet environmental and climate changes.
- (4)** Apply water uniformly by pressure-type tank truck equipped with spray system and adequate control apparatus. Ensure uniform application of water. Use watering systems such as pipe, hose, and spray apparatus, only if uniform application of water can be ensured.
- (5)** Apply water as conditions require. Prevent water from wetting vehicles, pedestrians, and existing pavements. Repair or compensate for damages caused by watering.
- (6)** Geobinders with surfactants may be used to minimize water consumption.
- (7)** Employ best management practices (BMP's) with regard to dust control water leaving project site. Washing down of debris or dirt into drainage or sewer systems, or State waters will not be allowed.
- (8)** Modify and resubmit plans and construction schedules to correct conditions that develop during construction.
- (9)** Correct deficiencies in dust control methods based on recommendations by independent certified monitoring laboratory. Implement corrected methods to dust control plan within 24 hours.
- (10)** Continue monitoring for dust until at least 60 days after final project acceptance.
- (11)** Failure to lessen dust nuisance shall result in work suspension. The Engineer may elect to have work done by others and deduct the cost from payments due to the Contractor. The Engineer may elect to continue or to increase deduction of retainage from progress payment.
- (12)** Coordinate with and pay for fines imposed by the Department of Health.

**620.04 Measurement.** The Engineer will not measure dust control for payment.

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**620.05 Payment.** The Engineer will not pay for dust control separately and will consider the cost for dust control as included in the contract lump sum price under Section 209 - Temporary Water Pollution, Dust, and Erosion Control. The cost is for the work prescribed in this section and the contract documents.

The Engineer will not pay for work to repair or to compensate for damages or fines caused by dust or water.

**END OF SECTION 620**