

SECTION 01572

DUST CONTROL AND WATERING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Provide and apply water for dust control, and prewetting, mixing, or compacting materials.

1.2 PAYMENT PROCEDURES

- A. Reapply water at no additional cost to the Department when material containing natural or applied water is allowed to dry due to the Contractor's inattention or neglect.
- B. The Department will not pay separately for furnishing or applying water used in:
 - 1. Hot plant wet collectors.
 - 2. Areas around all HMA and PCC plants, pits, and crusher operations.
 - 3. Roads used to haul materials to and from project site.
 - 4. Rotomilling, sawing, or grinding operations.
 - 5. Maintaining plant life.
 - 6. Lean concrete base and Portland Cement Concrete pavement.
 - 7. Aggregate washing.
 - 8. Wetting foundations before concrete work.
 - 9. Concrete curing.
 - 10. Other items of work for which water is desired as incidental to and included in payment.

PART 2 PRODUCTS

2.1 WATER

- A. Free of dirt, silt, or other detrimental matter, and in adequate quantities for dust control and watering requirements.

2.2 EQUIPMENT

- A. Water distribution system: self-propelled, pressure distributor with a spray system, equipped with a positive shut-off control. Pressure pump must have the capacity to apply the whole load uniformly.
- B. Pressure system must operate at least 75 percent of the time during five successive work days or be removed from the project. In case of pressure system failure, a gravity flow spray system may be used for the remainder of the shift.
- C. Water truck: 1000 U.S. gallons minimum capacity, with the capacity clearly and permanently marked on the tank. Engineer may require Contractor to verify capacity.
- D. Metered pipeline may be used when prewetting. Apply at a rate and nozzle size to obtain desired results.

PART 3 EXECUTION

3.1 APPLICATION

- A. Apply water for dust control in quantities and locations as directed by Engineer. Dust control may be required at any time. Do not waste water.

END OF SECTION