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# Fact Sheet #3

## Ways to Control Naturally-Occurring Asbestos Dust

" Shown below are ways to control asbestos dust from construction projects and roadways. These control actions will not eliminate asbestos, but offer options to reduce release of airborne asbestos fibers from various activities.

### Construction Projects and Roadways

| Dust Source                            | Mitigation Measure                                 | Application Frequency | Relative Effectiveness <sup>1</sup> |
|--|--|-----------------------|-------------------------------------|
| Excavation                             | Water wetting                                      | as needed             | 2-3                                 |
|  | Excavate during calm periods                       | when possible         | 1                                   |
| Mobile Construction Equipment          | Water wetting of roads surfaces                    | as needed             | 2-3                                 |
|  | Rinse vehicles / equipment                         | as needed             | 3                                   |
|  | Wet loads of excavated material                    | each load             | 3                                   |
|  | Cover loads of excavated material                  | each load             | 2-3                                 |
|  | Wet and cover loads                                | each load             | 4                                   |
| Exposed Ultramafic or Serpentine Areas | Water wetting                                      | as needed             | 3-4                                 |
|  | Cover with 6 to 12 inches of non-asbestos material | end of project        | 4                                   |
|  | Wind breaks / berms                                | where needed          | 1-2                                 |
|  | Chemical sealants / dust suppressants              | 3 mos. - 1 yr.        | 3                                   |
|  | Vegetative reclamation                             | end of project        | 3                                   |
|  | Asphalt cement paving                              | as needed             | 4                                   |
| Roads                                  | Water wetting                                      | as needed             | 3-4                                 |
|  | Speed control                                      | always                | 1-3                                 |
|  | Wind breaks / berms                                | where needed          | 1-2                                 |
|  | Cover with 2 to 4 inches of non-asbestos rock      | as needed             | 3-4                                 |
|  | Chemical sealants / dust suppressants              | 3 mos. - 1 yr.        | 2-3                                 |
|  | Single-coat chip/seal                              | as needed             | 4                                   |
|  | Triple-coat chip/seal                              | as needed             | 4                                   |
|  | Petroleum sealants                                 | as needed             | 4                                   |
|  | Asphalt cement paving                              | as needed             | 4                                   |

1. Subjective rating where: 1 = least effective, and 4 = most effective