PLACER COUNTY AIR POLLUTION CONTROL DISTRICT

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DUST CONTROL FOR PROJECTS IN AREAS "MOST LIKELY" TO CONTAIN NATURALLY-OCCURRING ASBESTOS (NOA) FACT SHEET

Naturally-Occurring Asbestos (NOA) is considered hazardous and is commonly found in ultramafic or serpentine rock that is prevalent in the Sierra foothills. Grading and construction activity in areas with asbestos-containing rock or soil may create dust emissions containing asbestos fibers that can be inhaled or ingested – with potentially harmful affects on health.

The disturbance of soils and rock that may contain asbestos should be avoided whenever possible; however, when a disturbance is unavoidable in an area "Most Likely" to contain NOA or in a "High NOA" zone, it is necessary to implement practices that minimize air pollution and potential adverse health impacts from these activities. The minimum standards that must be met for dust control are outlined in the Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations (State ATCM), and Placer County Air Pollution Control District (District) Rule 228, Fugitive Dust.

To determine if your project is in a "Most Likely" to contain or "High NOA" zone, consult the District's online NOA Hazard Maps. The maps divide Placer County into different areas based on the relative likelihood of encountering NOA. These areas are defined as: "Least Likely", "Moderately Likely", and "Most Likely" to contain NOA. Parcels mapped as being in areas "Most Likely" to contain NOA are geocoded in the Placer Land Use System (PLUS) as "High NOA" zones. Minimum standards for dust control must be implemented for disturbed areas in "Most Likely" to contain NOA areas or "High NOA" zones.

For projects with a disturbed surface area <u>less than or equal to one acre</u>, and in an area "Most Likely" to contain NOA or "High NOA" zone, dust controls must be implemented at the start and maintained throughout the duration of the activity. These standards also apply in all areas where NOA, ultramafic rock, or serpentine rock is discovered after the initiation of earth-disturbing activities, and must be implemented within 24 hours of discovery.

For projects with a disturbed area of **greater than one acre**, and in an area "Most Likely" to contain NOA or "High NOA" zone, an Asbestos Dust Mitigation Plan (ADMP) must be prepared and submitted to the District for review and approval before a grading permit will be issued. Once approved, the ADMP must be implemented at the start and maintained throughout the duration of activities. The requirement for an ADMP also applies when NOA, ultramafic rock, or serpentine rock is discovered after the initiation of earth-disturbing activities, and must be submitted to the District within 14 days of discovery. Refer to the District's Asbestos Dust Mitigation Plan (ADMP) Guidance for additional information.

Please contact the District at (530) 745-2330 with questions or to request printed copies of the State ATCM, District Rule 228 or the ADMP Guidance.

Additional Information Resources:

- Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations - www.arb.ca.gov/toxics/atcm/asb2atcm.htm
- Placer County Air Pollution Control District (District) Rule 228, Fugitive Dust www.placer.ca.gov/Departments/Air/Rules.aspx
- District NOA Hazard Maps www.placer.ca.gov/Departments/Air/NOA/NOAMapsAnd%20Resources.aspx
- Asbestos Dust Mitigation Plan Guidance and Related Forms www.placer.ca.gov/Departments/Air/NOA/NOAConstructionAndGrading.aspx