



Dust Management Plan for:
Church View, Sutton Benger
SN15 4RR

Dust Prevention Plan for Construction Site

1. Purpose

The purpose of this Dust Prevention Plan is to minimize dust emissions generated during construction activities and ensure compliance with local environmental regulations, safeguarding the health and safety of workers, nearby residents, and the environment.

2. Site Overview

- **Location:** Church View, Sutton Benger
- **Key Activities:** Earthwork, vehicle movement, material handling, and construction activities likely to generate dust.

3. Potential Dust Sources

- Earthmoving (excavation, grading, backfilling)
- Transport of construction materials
- Stockpiling of soil, sand, and aggregate
- Cutting, grinding, or sawing of materials (e.g., concrete, stone)
- Movement of vehicles and machinery on unpaved roads
- Windblown dust from exposed areas

4. Dust Control Measures

4.1. Site Management

- **Site Boundaries:** Install wind barriers such as fencing, cloth, or screens along site boundaries to reduce the spread of dust to surrounding areas if required.
- **Covering Stockpiles:** Ensure that stockpiles of soil, sand, or other dust-prone materials are covered with tarpaulins or securely fenced to reduce wind exposure.
- **Material Handling:** Keep materials that generate dust covered during transportation and minimize drop heights during loading/unloading.
- **Gravel Roads:** Lay gravel or other stabilizing materials on unpaved roads to minimize dust generated by vehicle movements.

4.2. Watering Systems

- **Water Spray:** Regularly spray water on exposed surfaces, unpaved roads, and construction areas to keep dust settled, particularly during dry, windy conditions.
- **Moisture Control:** Ensure soil and aggregate stockpiles are regularly moistened to prevent windblown dust.

4.3. Vehicle and Equipment Controls

- **Vehicle Speed:** Limit the speed of construction vehicles on unpaved areas to reduce dust kick-up (recommended max speed: 10-15 mph).
- **Wheel Washing:** Install a wheel-washing station at site exits to prevent dust from being tracked onto public roads. This will also include the regular road brush involvement to ensure the roads are clean to assist in minimising.

- **Vehicle Movement:** Restrict vehicle movements to designated roads and paths to minimize disturbance of unstabilized areas.

4.4. Windbreaks and Barriers

- **Wind Fences:** Erect temporary fencing or netting to serve as windbreaks around construction zones, particularly where large earthworks are conducted.
- **Dust Barriers:** Install impermeable dust barriers (e.g., plastic sheeting, silt fences) around areas of significant activity, such as demolition zones.

5. Monitoring and Reporting

5.1. Monitoring

- **Visual Monitoring:** Perform regular visual inspections of dust-generating activities, especially during periods of strong winds, to ensure control measures are effective.
- **Air Quality Monitoring:** If required, set up air quality monitors to track particulate matter (PM10 and PM2.5) levels and ensure compliance with local air quality standards.

5.2. Reporting

- **Incident Reporting:** Maintain a log of any dust-related complaints or incidents from nearby residents or workers and take immediate corrective action.
- **Compliance Audits:** Conduct weekly site audits to ensure dust prevention measures are being followed and make any necessary improvements.

6. Training and Awareness

- **Worker Training:** Provide all workers with training on dust control procedures, proper equipment handling, and emergency response protocols.
- **Signage:** Place signage around the construction site to remind workers and visitors of speed limits, vehicle cleaning requirements, and dust prevention measures.

7. Emergency Measures

- **Severe Wind Events:** In case of high winds or storm warnings, suspend all dust-generating activities and ensure that stockpiles and materials are secured.
- **Dust Complaints:** In the event of a dust-related complaint, take immediate action to investigate and implement additional dust control measures if necessary.

8. Post-Construction Measures

- **Site Stabilization:** Upon completion of construction activities, stabilize all exposed soil by applying gravel, seeding, mulching, or landscaping to prevent future dust generation.
- **Final Cleanup:** Ensure that all excess materials, waste, and dust-generating debris are removed or covered at the conclusion of the project.