



DUST MANAGEMENT PLAN (DMP)

Incorporating the PROJECT MANAGEMENT PLAN (PMP)

Project:

Horsham Enterprise PH3
REV B - OCT 26

Project No. 486430
Drafted by A Crawford

OCTOBER 2026

Dust Management Plan

Project Details

Project: Horhsam Enterprise PH3

Site Address: Former Novartis Site, Parsonage Road, Horsham RH12 5AA

Client: Vivid

Principal Contractor: Lovell Southern

Site Manager: Adam Crawford

Plan Date: October 2026

Revision: REV B

1. Purpose

This Dust Management Plan sets out the measures that will be implemented to prevent or minimise dust emissions arising from construction activities.

The objectives of the plan are to:

- Prevent nuisance dust from leaving the site.
- Protect construction workers, visitors, neighbouring properties and members of the public from exposure to airborne dust.
- Minimise dust deposition on surrounding buildings, roads, vehicles and other property.
- Reduce the risk of construction activities affecting local air quality.
- Establish appropriate monitoring, inspection and corrective-action procedures.
- Ensure that dust-generating activities are properly planned and controlled.

2. Scope of Works

The plan applies to all construction activities that have the potential to generate airborne dust, including:

- Site clearance and preparation.
- Demolition and dismantling.
- Excavation and earthworks.
- Cutting, drilling and grinding of construction materials.
- Concrete breaking and crushing.
- Loading, unloading and movement of materials.
- Stockpiling of soil, aggregates and other dusty materials.
- Movement of construction vehicles and plant.
- Waste handling and removal.
- Construction and finishing activities that generate dust.

All contractors, subcontractors and site personnel involved in dust-generating activities shall comply with the requirements of this plan.

3. Responsibilities

Principal Contractor

The Principal Contractor shall:

- Implement and maintain this Dust Management Plan.
- Ensure suitable dust-control equipment and resources are available.
- Ensure workers receive appropriate instruction and training.
- Coordinate dust-control measures between subcontractors.
- Investigate complaints and incidents relating to dust.
- Review the plan where site conditions or construction activities change.

Site Manager

The Site Manager shall:

- Carry out regular site inspections.
- Ensure dust-control measures are being implemented.
- Monitor weather conditions where these may affect dust emissions.
- Ensure roads, working areas and stockpiles are appropriately controlled.
- Record inspections, complaints and corrective actions.
- Stop or modify activities where significant uncontrolled dust is being generated.

Supervisors and Operatives

Supervisors and operatives shall:

- Follow the dust-control procedures relevant to their activities.
- Use water suppression and other control equipment correctly.
- Use suitable local exhaust ventilation or on-tool extraction where required.
- Report uncontrolled dust, defective equipment or other concerns to the Site Manager.
- Avoid unnecessary dust-generating activities.

4. Assessment of Dust Risks

Dust-generating activities shall be assessed before work starts.

Particular attention shall be given to:

- The proximity of residential properties and other sensitive receptors.
- Network Rail.
- Prevailing wind direction.
- Dry or windy weather.
- The quantity and type of material being disturbed.
- Duration and frequency of dust-generating activities.
- The location of site boundaries, access roads and neighbouring properties.
- Potential exposure of workers to respirable and/or silica-containing dust.

Where a significant dust risk is identified, additional controls shall be implemented before the activity commences.

5. General Dust-Control Measures

The following measures shall be implemented where applicable:

- Keep dusty materials covered or contained wherever reasonably practicable.
- Minimise the height from which materials are dropped.
- Avoid unnecessary movement of dusty materials.
- Use water suppression during dust-generating activities where appropriate.
- Use on-tool extraction for cutting, drilling and grinding activities.
- Use suitable vacuum systems for cleaning rather than dry sweeping.
- Keep site access roads and hardstanding clean.
- Maintain plant and equipment in good working order.
- Limit vehicle speeds within the site.
- Plan deliveries to minimise unnecessary vehicle movements.
- Keep site boundaries, hoardings and working areas clean.
- Remove waste from site regularly.
- Avoid burning waste or materials on site.
- Suspend or modify particularly dusty activities during extreme dry or windy conditions where effective control cannot otherwise be maintained.

6. Demolition

Where demolition is undertaken, dust shall be controlled through measures including:

- A siteSens Real time PM10 monitoring will be implemented whilst these works are ongoing, so levels of PM10 particulate matter is recorded.
- Damping down structures and materials where appropriate.
- Use of water sprays or misting systems.
- Controlled dismantling rather than unnecessary impact demolition.
- Maintaining appropriate exclusion zones.
- Keeping demolition drops as low as reasonably practicable.
- Using suitable extraction systems where applicable.
- Covering or enclosing conveyors and other material-transfer systems where appropriate.
- Avoiding uncontrolled stockpiling of demolition debris.

Demolition activities shall be reviewed continuously to ensure that dust is not migrating beyond the site boundary.

7. Excavation and Earthworks

For excavation and earthmoving operations:

- A SiteSens DM30N Real time PM10 monitoring will be implemented whilst these works are ongoing, so levels of PM10 particulate matter is recorded.
- Exposed soil shall be kept damp where appropriate.

- Excavated material shall be removed or securely stockpiled.
- Stockpiles shall be positioned away from site boundaries where practicable.
- Stockpiles shall be damped down, covered or otherwise stabilised where necessary.
- Vehicle movements over dry exposed ground shall be minimised.
- Earthmoving equipment shall operate at appropriate speeds.
- Excavated material shall be covered during transportation where required.
- Earthworks shall be modified or temporarily suspended during conditions where effective dust control cannot be achieved.

8. Cutting, Drilling and Grinding

Construction activities involving cutting, drilling or grinding shall use appropriate dust-control measures. These may include:

- On-tool extraction.
- Local exhaust ventilation.
- Water suppression.
- Suitable dust extraction/vacuum equipment.
- Enclosures or screening.
- Prefabrication or off-site cutting where reasonably practicable.
- Suitable respiratory protective equipment where required by the task risk assessment.

Dry sweeping of accumulated construction dust shall be avoided.

9. Vehicle and Road-Dust Control

To minimise dust generated by construction traffic:

- Site speed limits shall be enforced.
- Wheel-washing facilities shall be provided where necessary.
- Site roads shall be cleaned regularly.
- Water bowsers or suitable spray systems shall be used during dry conditions where appropriate.
- Vehicles shall use designated routes.
- Loads containing potentially dusty materials shall be covered during transport.
- Mud and dust shall not be allowed to accumulate on public roads.
- Any material deposited on public roads shall be removed promptly.

10. Storage and Stockpiles

Dusty materials shall be stored to minimise windblown emissions.

Where appropriate:

- Stockpiles shall be located away from sensitive receptors.
- Stockpile heights shall be minimised.
- Stockpiles shall be damped, covered or stabilised.
- Fine materials shall be stored in enclosed or suitably protected areas.
- Materials shall not be unnecessarily disturbed.
- Stockpiles shall be inspected during prolonged dry or windy weather.

11. Waste Management

Construction waste shall be managed to minimise dust:

- Waste shall be segregated where practicable.
- Dusty waste shall be contained or covered.
- Waste skips shall be covered where necessary.
- Waste shall not be dropped from excessive heights.
- Waste shall be removed from site regularly.
- Dry sweeping shall be avoided.
- Waste-processing activities shall use appropriate suppression and extraction measures.

12. Worker Health and Exposure Control

Dust controls shall be implemented in accordance with the relevant workplace health and safety requirements.

Where workers may be exposed to hazardous construction dust, the task shall be assessed and appropriate controls established.

Particular attention shall be given to respirable crystalline silica (RCS) generated from materials such as concrete, mortar, brick, block, stone and some manufactured construction products.

The hierarchy of control shall be followed, prioritising:

1. Elimination of dusty activities where reasonably practicable.
2. Substitution with less hazardous materials or processes.
3. Engineering controls such as water suppression and extraction.
4. Administrative controls and suitable working methods.
5. Appropriate respiratory protective equipment where residual exposure remains.

Respiratory protective equipment shall not be relied upon as the sole means of controlling significant dust exposure.

13. Daily Site Monitoring

The Site Manager or nominated competent person shall undertake regular inspections to identify visible dust emissions and assess whether control measures remain effective. Inspections will increase during high-risk activities, periods of dry or windy weather and following dust complaints

Monitoring shall consider:

- Dust emissions from active work areas.
- Dust crossing the site boundary.
- Dust generated by vehicles.
- Condition of roads and hardstanding.
- Condition of stockpiles.
- Effectiveness of water suppression.
- Effectiveness of extraction systems.

- Weather conditions.
- Complaints from neighbouring properties or members of the public.

Where the project presents a higher risk of dust impact, additional monitoring or specialist dust monitoring shall be considered.

14. Weather Conditions

Weather forecasts shall be monitored where construction activities have significant dust-generating potential.

Additional precautions shall be implemented during:

- Prolonged dry weather.
- High winds.
- Very low humidity.
- Conditions where dust is visibly travelling beyond the site boundary.

If effective dust control cannot be maintained, the relevant activity shall be reduced, modified or temporarily stopped.

15. Complaints Procedure

Any dust complaint received from members of the public, neighbouring businesses or other parties shall be recorded.

The following information should be documented:

- Date and time of complaint.
- Location of complainant, where available.
- Nature of the complaint.
- Construction activity taking place at the time.
- Weather conditions.
- Dust-control measures operating at the time.
- Investigation undertaken.
- Corrective actions implemented.
- Date and time of follow-up.

The Site Manager shall investigate complaints promptly and implement additional controls where necessary.

16. Corrective Actions

Where significant uncontrolled dust is identified, the Site Manager shall:

- Investigate the source.
- Assess whether workers or members of the public may be exposed.
- Increase water suppression or other appropriate controls.

- Modify the work method where necessary.
- Clean affected areas.
- Restrict vehicle movements if road dust is contributing.
- Review weather conditions.
- Increase monitoring.
- Temporarily stop the activity if adequate control cannot be achieved.

Repeated dust issues shall trigger a review of the relevant method statement and risk assessment.

17. Emergency / Incident Response

If a significant uncontrolled dust release occurs:

1. Stop or reduce the source of the dust where safe to do so.
2. Establish the extent of the affected area.
3. Protect workers and members of the public from exposure.
4. Implement additional suppression or containment measures.
5. Notify the Site Manager.
6. Record the incident.
7. Investigate the cause.
8. Implement corrective and preventative measures before restarting the activity.

18. Training and Communication

All relevant personnel shall receive information and instruction regarding:

- Dust hazards associated with their work.
- Correct use of dust-control equipment.
- Water suppression procedures.
- Dust extraction requirements.
- Housekeeping requirements.
- Appropriate use of respiratory protective equipment.
- Reporting procedures.
- Actions to take if uncontrolled dust occurs.

Subcontractors shall be required to comply with this plan and shall provide suitable risk assessments and method statements for their activities.

19. Inspection and Records

The following records shall be maintained as appropriate:

- Dust-control inspections.
- Site environmental inspections.
- Equipment inspections.
- Water-suppression records.
- Dust-monitoring results.
- Weather observations.

- Training records.
- Complaints.
- Dust incidents.
- Corrective actions.
- Relevant risk assessments and method statements.

20. Review

This Dust Management Plan shall be reviewed:

- Before significant changes to the construction methodology.
- Following a significant dust incident.
- Following repeated complaints.
- Where monitoring indicates that existing controls are ineffective.
- When new dust-generating activities are introduced.
- At appropriate intervals throughout the construction programme.

The Site Manager shall ensure that the latest approved version of the plan is available to relevant personnel.

21. Site Dust-Control Checklist

- Dust-generating activities have been identified.
- Appropriate risk assessments and method statements are in place.
- Dust suppression equipment is available and operational.
- On-tool extraction is available where required.
- Site roads are maintained and cleaned.
- Vehicle speeds are controlled.
- Stockpiles are appropriately positioned and controlled.
- Waste is appropriately contained.
- Dust is not visibly migrating beyond the site boundary.
- Weather conditions are being considered.
- Workers have received appropriate instruction.
- Dust-control equipment is inspected and maintained.
- Complaints are recorded and investigated.
- Corrective actions are implemented where necessary.

22. Approval

Prepared by: _____

Position: _____

Date: _____

Reviewed by: _____

Position: _____

Date: _____

Approved by: _____

Position: _____

Date: _____