



**BURLINGTON  
AGGREGATES**

**GOLDMIRE QUARRY**

---

**G\_BP\_003 - PART B PERMIT APPLICATION SUPPORTING INFORMATION**

**(C) Details**

**C1**

The installation will operate to produce ready-mixed concrete from the blending of cement, other cementitious materials, and aggregates with water. Aggregates (stone and sand) will be transferred and mixed with cement directly in the concrete mixer wagon, where water is simultaneously added.

**C2**

Dust

Some dust will be emitted from the plant due to the nature of the process and materials used, however this will be minimal. The plant is a brand-new installation and utilises a single conveyor system which is covered throughout, including transfer points. The point of discharge into the mixer wagon is covered and has been fitted with a dust filtering system. Cement from the silos is transferred through a sealed system.

Aggregates will be stored in storage bays and be subject to suppression management to minimise emissions. Aggregate deliveries will be on sheeted/sealed vehicles, in line with the planning permission for the site.

The works area is surfaced in concrete hardstanding which can be easily cleansed to prevent the build-up of dusty materials.

Other measures to minimise emissions include damping down of aggregates, work areas and haul roads.

Noise

Vehicles will be fitted with white noise reversing alarms to minimise noise; however, a traffic plan has been introduced to reduce the requirement of reversing where possible.

White noise which will be maintained in accordance with our quarry plant schedule/vehicle maintenance and FORS accreditation

Monitoring

Monitoring will take place twice daily and recorded on the daily dust monitoring sheets provided.

The cement silos and dust filtration system will be subject to regular daily/weekly and annual inspections and include recommendations from the manufacturer.



**BURLINGTON**  
AGGREGATES

**GOLDMIRE QUARRY**

---

**G\_BP\_003 - PART B PERMIT APPLICATION SUPPORTING INFORMATION**

**C3**

The process is aligned to our Environmental Policy which sets out the basis for which all operations can be managed. Management procedures have been deployed to cover the following criteria.

- Risk Assessment and Method Statements
- COSHH Assessment
- Training
- Maintenance
- Site Inductions
- Site Monitoring
- Environmental Hazard Detection
- Incident Reporting
- Permit to Work

**C4**

(a)

There should be no potential significant local environmental effects from foreseeable emissions as these will be controlled and contained within the site. Additional Local planning controls for the site will endorse the environmental procedures in place.

(d)

No environmental impact assessment has been carried out for the installation under planning legislation.

**D**

Vehicle Movements

We currently operate 3 volumetric mixers. We are swapping one volumetric mixer for a drum mixer, selling 1 volumetric mixer and keeping 1 volumetric mixer. We propose to add a 6 wheel mixer early next year to allow access to smaller jobs so our total fleet won't change. There will be an average of 8 loads/day on mixers, but this will replace the tipper movements moving the mixed aggregate to Bouthwood Road.