

Complete only if application relates to extraction, processing and/or treatment of minerals. You may need to provide further information on a separate sheet or on plans.

1 Buildings and fixed plant

A Purpose of proposed building/plant

Planning Statement, Section 4.3: Plant and Buildings.

B If the proposal relates to an existing operation please explain the relationship

N/A

C Type and design (dimensions and location to be shown on drawings)

See Illustrative Details of Processing Plant – 0812/PP/1; Details of Office and Weighbridge – 0812/OW/1; Elevations of Office/Messroom – 0812/OM/1; Elevations of ISO Containers – 0812/ISO/1.

D Type and colour of materials to be used

See Planning Statement and Plans.

E External lighting system

See Planning Statement Section 7.11; and Lighting Assessment (Section 18 of Planning Application).

F Measures for suppressing noise, dust and fumes including position of ventilation outlets

See Planning Statement Section 7.8: Noise; and Section 7.9: Dust. See also Noise Assessment (Section 14 of Planning Application); Dust Assessment (Section 15 of Planning Application).

G Provision for parking and loading of vehicles (show also in plan form)

See Composite Operations Plan – 0812/CO/1/c.

2 Geology

A Type of mineral to be extracted

Sand and Gravel.

B Particulars of testing carried out on the deposit

Trial pits.

C Estimated reserve

600,000 tonnes.

3 Production

A Estimated average annual output	50,000 – 60,000 tonnes
B Expected commencement date of operations	March 2014
C Expected duration of operations	10 – 12 years
D Approximate extent of the market served	Norwich South and West, Wymondham, Attleborough

4 Highways

A Estimated number of lorries leaving the site daily and their payload	20 (average) 30 (maximum)
B The route(s) they will normally follow	West along Stanfield Road (B1135) to A11
C Measures to be taken to prevent mud being carried onto the public highway	Shingle dressed access road maintained in clean condition. Hard surfaced area at site entrance regularly swept with roadsweeper.

5 Water

A Is working to take place below the water table? If so are the workings to be pumped?	Yes – a small section of Phase 3 and Phase 4 will be worked at or slightly below the water table level. Yes but only if dewatering is found to be necessary to extract mineral.
B Arrangements to be made for the disposal of any excess water	Clean water would be discharged from settling pond into drainage ditch which feeds the headwaters of the River Tiffey.
C Arrangements to be made for the disposal of processing waste	All process waste used in restoration of quarry.
D Arrangements for control and containment of oil spillage	Bunded fuel and oil storage tanks. Environmental management system, work instructions and emergency plan implemented to cover accidental oil spillage.

6 Environmental Protection

A Detailed proposals for screening including management of any banks and planting (show also in plan form)	Perimeter grassed soil screening bunds, hedgerows and trees planted to reduce visual impact of bunds. See Composite Operations Plan – 0812/CO/1/c.
B The proposed days and hours of working	0700 – 1800 Monday to Friday 0700 – 1300 Saturday No working on Sunday or Bank Holidays
C Details of arrangements to minimise nuisance from noise	See Planning Statement Section 7.8: Noise; See also Noise Assessment (Section 14 of Planning Application).
D Details of arrangements to minimise nuisance from dust and fumes	See Planning Statement Section 7.9: Dust; See also Dust Assessment (Section 15 of Planning Application).
E Details of any public footpaths or services affected eg. Drainage, electricity, gas etc	MOD fuel pipeline located in west of site, National Grid gas pipeline located in east of site. Neither affected by development. No public rights of way affected.

7 Extraction

A The depth of excavations	(i) maximum 8.0m (ii) average 5.0m
B The general method of working including direction and duration of phases (show also in plan form)	Quarry to be worked in a west to east direction. See Planning Statement Section 4.8: Timescale; See also Illustrative Progressive Operations Plan – 0812/PO/2.
C The routes and methods of transporting mineral from quarry face to plant (show also in plan form)	Articulated dumptruck. See Planning Statement Section 4.5: Working Design. See also Illustrative Progressive Operations Plan – 0812/PO/2.
D Details of stockpiling, storage and silt pond areas (show also in plan form)	See Planning Statement Section 4.5: Working Design. See also Composite Operations Plan – 0812/CO/1/c.
E Details of all mobile plant	1 x crawler excavator, 1 x articulated dumptruck and 2 x wheeled loaders

8 Restoration

A Details of soils and overburden

- (i) Depth of topsoil, subsoil and overburden
- (ii) Method of stripping
- (iii) Location and maximum height of soil and overburden mounds
- (iv) Duration of storage and management details

(i) Topsoil 0.3m
Subsoil 0.5m
Overburden 1.0m
(ii) Crawler excavator and articulated dumptrucks
(iii) Perimeter soil screening bunds 3.0m high
(iv) 10 years (duration of extraction operations).
Bunds grassed and maintained free from weeds.

B The proposed after use Eg. Amenity, agriculture, forestry

Agriculture and nature conservation.

C Details of restoration including (where applicable)

- (i) Use of quarry waste, including volumes
- (ii) Grading final levels and contours of the restored area (show also in plan form or sections)
- (iii) Drainage of the restored area
- (iv) Landscaping and planting
- (v) Phasing and timing of restoration

(i) 40,000m³ of silt produced to be used in restoration.
(ii) See Restoration Plan – 0812/R/1d.
(iii) South/Southeast towards River Tiffey (as existing).
(iv) See Restoration Plan – 0812/R/1d.
(v) See Illustrative Progressive Operations Plan – 0812/PO/2.

9 Aftercare

A Subsequent aftercare of restoration including details of who is to carry out this programme

See Planning Statement Section 6.0: Aftercare. Landowner to implement aftercare scheme.