

Pendrethen Quarry, St. Mary's, Isles of Scilly.

Noise and Vibration Management Plan

Version 3 February 2015

1. Operations on site involving the sorting and processing of inert waste materials for production of aggregates and soils have the potential to emit noise and vibration.
2. There are receptors sensitive to noise and vibration within 250 metres of the site as follows;

| Receptor | Type | Distance from Site | Noise impact | Mitigation | Mitigated Risk |
|------------------------|------------------------------------|--------------------|--------------|------------------------|----------------|
| Standing Stone Terrace | Domestic Dwelling | 65 metres W | High | Paragraphs 4-12 herein | Low |
| Halangy | Domestic Dwelling | 100 metres SSW | High | Paragraphs 4-16 herein | Low |
| Cootamundra | Domestic Dwelling | 100 metres SSW | High | Paragraphs 4-16 herein | Low |
| Coastal Path | Place of public resort sporadic | 50 metres N | Medium | Paragraphs 4-16 herein | Low |

See plan ref BB3508LE/A001/DWG03.

3. Noise and vibration from mechanical handling and processing equipment may result during waste receipt and deposit, movement within the site, on site processing and removal from site.
4. Waste receipt and processing areas will be positioned having regard to natural topography, prevailing winds (South West) and noise attenuation features of the quarry, such that the maximum distances are maintained between activities and sensitive receptors.
5. Conveyors will be enclosed, as far as practicable and drop heights will be minimised.
6. All equipment and plant will be subject to manufacturer's recommended maintenance programmes targeted for the reduction noise generation and will be fitted with approved silencing systems.
7. Operations on site will be small scale and intermittent in use. Operational times will be restricted to weekdays and Saturday mornings only, with no operations on Sundays, Bank or other Public Holidays.
8. Whenever possible, waste processing will be undertaken using a batching system, which will involve a "campaign approach" to aggregate and soils production. This will involve specific periods, chosen for times of least impact from noise on selected days only and which will not, in any event, be conducted before 8.30 am or after 4.00 pm on any weekday or before 8.30 am or after 12.00 noon on a Saturday.
9. When planning "campaigns", regard will be had to wind direction and speed, both actual and forecast. Key receptors to noise impact, the domestic receptors, identified above, are all generally upwind (prevailing) of the site activities. Noise transmission will be minimised during prevailing wind conditions.
10. The daily monitoring for dust, during operational days, at the site boundary, will be used to also assess for noise impact beyond the boundary. If noise likely to give rise to nuisance, at the receptors, is evident, an immediate investigation of possible causes will be undertaken. Any mechanical faults or failures found to be contributing to excessive noise, will be taken out of service, until effective repairs are completed.
11. Records will be kept at the main office of the results of daily assessment for noise. An example record is shown at appendix 1.
12. Consideration will be given to use of white noise reversing alarms on mobile plant.
13. A site speed limit of 10 MPH will be applied to mobile plant.
14. Vehicles/plant will not be left idling between operational use periods.
15. Delivery vehicles will not be permitted to queue outside the site and will not be permitted to arrive at site outside operational times.

COMPLAINTS

16. In the event of complaint of noise from site operations, an assessment will be made, as soon as possible, at or close to, the receptor and if found to be justified, an immediate investigation will be carried out to determine possible causes. Outcomes from that investigation will trigger appropriate responses listed in paragraph 10 above. A record will be kept at the main office, of all complaints of noise received and outcomes/actions. An example record form is shown at appendix 2

APPENDIX 1
NOISE ASSESSMENT FORM

| | |
|--|--|
| Site | Date & Time |
| Assessment result northern boundary; | |
| Assessment result western boundary; | |
| Assessment result south-south west boundary; | |
| Weather conditions, wind direction/speed | |
| Outcome of assessments/corrective actions | Was corrective action successful? |
| Was any compliant of noise received? (if yes, complete complaint form | |
| | |
| Sign and print name | Date; |

APPENDIX 2
COMPLAINT FORM

| | | |
|---|---|--------------|
| Complainant | Name | |
| | Address | |
| | | Tel: |
| Date & Time | | |
| Subject of complaint; | | |
| Did complaint relate to site; | | |
| Was complaint justified? | | |
| Was there a significant nuisance? If yes, notify Main office immediately | | |
| What actions were taken to rectify problem(s) | | |
| Were the Environment Agency/Local Authority notified/Involved? | | |
| Which Agency/Authority was notified/Involved | | |
| Outcome of site investigation/remedial actions | Was a successful outcome achieved? | |
| | | |
| Print name and sign | | Date; |

