PROPOSED AGGREGATES BAGGING DEPOT AT KINGSTON WHARF, SHOREHAM

NOISE MANAGEMENT SCHEME

September 2014

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1 Introduction

1.1 Day Group Limited. ('Days') operate an aggregates bagging depot at Kingston Wharf, Shoreham and it is proposed to regularise additional areas of storage and parking associated with this use and to allow use of a mobile bulk bagging plant.

1.2 The noise management scheme will form an integral part of a planning application Days have submitted for the operation of the depot. This is consistent with the recently finalised Process Guidance Note 3/8 (04) - *Secretary of State's Guidance for Quarry Processes*, which notes the desirability of a structured approach to environmental management.

2 Location and Description of the Proposed Development

2.1 Site Setting

2.1.1 The site lies to the east side of Shoreham on the A259 Brighton Road. It is bordered to the north by the A259 and to south side by the river Adur. The surrounding area is a mixture of industrial and port uses.

2.1.2 The site entrance and exit is off the A259 road and is fully described and evaluated elsewhere.

2.2 Proposed Depot

2.2.1 The facility will bag and distribute aggregates in both 'bulk' and 25kg bags to existing contracts with builders' merchants in the area. These will be distributed in full articulated lorry loads (generally about 28 tonnes) to minimize cost, pollution and lorry movements. These loads will comprise various aggregates in the two different sizes of bags, according to the customer's requirements. The bulk of these aggregates will be marine-dredged sands and gravels which are imported to the site directly by boat and from other wharves in Shoreham. Other aggregates are land-won in the area.

2.2.2 Whilst the site borders the River Adur its' location is such that it is impractical to import aggregates by river, as is described fully by The Port of Shoreham.

2.2.3 Aggregates will be imported to the site by boat and in bulk by lorry and tipped in ground storage bays.

2.2.4 The aggregates will be transferred by wheeled loader from these bulk storage bays to the feed hoppers of the two bagging lines (bulk and 25kg). These lines are contained within steel-framed and-clad buildings.

2.2.5 Once filled the bags are transferred by a loadall to storage areas.

2.2.6 Upon receipt of an order the required bags will be loaded onto flat-bed articulated lorries for delivery to customers.

3 Potential for Noise Emissions

3.1 The principal potential sources of noise emissions have been identified as:

- Lorry unloading and loading operations,
- Loading the feed hoppers of the bagging lines,
- The bagging operation,
- Movement and storage of bags,
- Plant and vehicle movements,
- Vehicle reversing alarms,
- Road haulage

4 Means of Prevention

4.1 <u>General Requirements</u>

4.1.1 Operations within the depot shall only occur between the hours of 7am and 6pm Monday to Friday and between 7am and 1pm on Saturdays (the operational hours). No machinery or plant shall operate at any time on Sundays or Bank Holidays. An exception to this, HGVs will leave the site to make deliveries between 6am – 7am. These HGVs will have been pre-loaded the day before within the operational hours.

4.1.2 Should any operations need to take place outside the above hours the council shall be notified prior to such operations taking place, explaining why the operations cannot be completed within the normal operating hours.

4.2 Lorry Unloading and Loading Operations, Loading the Feed Hoppers of the Bagging Lines and Movement and Storage of Bags

4.2.1 In selecting loading shovels and 'loadall' forklift machines the operator shall where reasonably practicable select machines which have low noise emissions.

4.2.2 All machinery shall be maintained in accordance with manufacturers instructions.

4.2.3 When machinery is in use all noise control features shall be in place and in use.

4.2.4 No machinery to be left operating unnecessarily.

4.2.5 All loading and unloading shovels shall have "White Noise" reversing sounders fitted and only these shall be used at all times.

4.3 The Main Bagging Operation

4.3.1 Aggregates from the two feed hoppers are bagged in one of two sizes of bags; bulk (roughly 800kg) and small 25kg. There are separate production lines for each size.

4.3.2 Both operations take place in a building clad with profiled steel sheets. External doors will be kept closed during operation.

4.3.3 Conveyor belts, rollers and scrapers will be inspected regularly for quiet operation and adjusted or repaired as necessary.

4.3.4 Rubber curtaining will be provided at point of entry of the feed hoppers/conveyors to minimize the potential for noise breakout.

4.3.5 Whilst the potential for noise to be generated during the bagging process is minimal the building avoids any risk of unacceptable noise levels being generated.

4.4 Plant and Vehicle Movements

4.4.1 All vehicle and plant running areas will be concrete or tarmac-surfaced.

4.4.2 The site surfaces will be regularly checked for wear, and any potholes or other defects will be made good promptly.

4.5 Road Haulage

4.5.1 All vehicles owned by the site operators or contract hauliers shall have “White Noise” reversing sounders fitted and only these shall be used at all times.

5 Maintenance

5.1 Effective control of noise emissions requires the maintenance and proper use of all plant and equipment. A programme of planned maintenance will be carried out on all plant, in accordance with the manufacturers' recommendations, to ensure that it operates at optimum efficiency.

5.2 Stocks of essential spares and consumable items will be held at the depot or kept readily available for use at short notice.

5.3 Any malfunction or breakdown leading to abnormal noise emissions will be dealt with promptly and operations will be adjusted or suspended until normal working can be restored.

6 Site Management

6.1 The Site Manager will exercise day to day control on the site and will be responsible for ensuring full compliance with the noise management scheme.

6.2 Specifically, the Site Manager will assume control, either personally or by delegation to suitably trained and responsible staff, of the following:

- Tipping and loading,
- Incoming and outgoing vehicle movements,
- Inspection and maintenance of all plant, and
- Satisfactory working of the whole site.

6.3 Staff at all levels will receive the necessary training and instruction in their duties relating to all operations and the potential sources of noise emissions. Particular emphasis will be given to dealing with plant malfunctions and abnormal conditions.

6.4 Any member of staff who wilfully or negligently fails to comply with the provisions of the noise management scheme will be subject to disciplinary action. Any contract hauliers who fail to observe the requirements in respect of reversing alarms will be banned from the site.

7 Monitoring

7.1 All operations with the potential to cause unacceptable noise emissions will be monitored on a regular basis during operations. The results of this daily monitoring will be recorded in the site Environmental Log. An example of this Environmental Log is attached.

7.2 Should an unacceptable level of noise be generated, the Site Manager will act promptly to identify the source(s) of the dust and take the necessary corrective action.

7.3 If necessary, the Site Manager will instruct the suspension of any operation or process until such time as the situation has been resolved.

7.4 Site staff will be instructed to inform the Site Manager whenever unacceptable noise emissions are observed, or appear likely to occur, as a result of any operation or process.

8 Complaints

8.1 All complaints will be recorded and reported to the Site Manager, who will investigate the circumstances and ensure that the necessary corrective measures are taken. A prompt response will be made to the complainant and a record, including copies of all correspondence and telephone file notes, will be made in the complaints register.

8.2 The Council will be advised of any noise complaint received together with details of the findings of the investigation and any corrective measures which have been taken.

8.3 In the event of any substantiated complaint, the continuing effectiveness of the noise management scheme will be subject to review in response to the incident.

9 Update and Review

9.1 The continued effectiveness of the noise management scheme will be subject to periodic review in consultation with the Council. The review process will take into account the complaints history (if any) of the site, observations of noise and any future potentially sensitive developments on neighbouring land. Recognition will be given also to developments in Best Practicable Means.