

- 7 APR 2014

STRATEGIC PLANNING
HAMPSHIRE COUNTY COUNCIL**Dust**

Potential causes of dust at the proposed deployments

- Vehicle movements to and from site
- Finished Product stockpiles
- Loading of recycled aggregates, soils and soil substitutes into vehicles

To combat the potential causes of dust CRL have put in place the following procedures:

- A water suppression system will be installed on the end product bays. The water suppression system will be used to dampen the recycled aggregates produced in the recycling operation. This will help prohibit any air-borne particles leaving the stockpiles when stored and when the recycled aggregates are loaded into vehicles.
- The maximum storage height of the recycled aggregate stockpiles will be up to 2.5 meters.
- Lorry movements – When the weather is dry a sprinkler system will be employed on the site to minimise dust caused by vehicle movements. A road sweeper can also be employed if required. The Lorries entering the site will typically tip their waste and then re-load at the site with recycled aggregates, soil or soil substitutes for each visit. This minimises Lorry movements and social disruption to the local area.
- The waste taken into the site will be inert waste from the construction industry. This waste is typically denser than other waste streams e.g. compost, skip waste and therefore is less likely to become air-borne.
- If there is any unacceptable waste on site it will be placed in the secure rubbish skip.
- Harm to the human population from air transportation and then inhalation or deposition of dust is therefore considered to be very low.
- Dust will also be monitored on a regular basis

Noise

Potential noise generation from the site will come from the machinery/plant employed to carry out the recycling process and vehicle movements to and from the site. To minimise potential noise from the site the following steps will be undertaken:

- The machinery/plant will only be operated within the permitted site opening hours: Monday to Friday 7am to 5pm and Saturday 8am to 1pm as and when required, overtime maybe required and this will have little effect on local human population..
- When machinery and plant is not being used they will be turned off.
- Lorry movements will be very low and given the location of the facility should not cause any social disruption.
- Therefore minimal (hardly any) noise pollution will affect the local human population through ground and air vibrations.
- The Noise Risk Assessment is therefore considered to be very low.