

APPENDIX B
NON-TECHNICAL SUMMARY (NTS)

An application for a bespoke Environmental Permit for the treatment of up to 100,000 tonnes of waste per year to produce aggregate at Northampton Railhead, Segro Logistics Park, Northampton, Northamptonshire

Non-technical summary

- 1.1** MJCA is commissioned by GRS (Roadstone) Limited (GRS) to prepare an application for a bespoke Environmental Permit for the treatment of up to 100,000 tonnes of waste per year to produce aggregate at Northampton Railhead, Segro Logistics Park, Northampton, Northamptonshire (the site).
- 1.2** The waste activity which will be carried out at the site will comprise the operation of an Incinerator Bottom Ash Aggregate (IBAA) blending facility. The IBAA activities which will be carried out at the site will comprise the acceptance, under List of Waste Code (LoW) 19 12 12, of IBAA that has been processed elsewhere to meet the BS13242 specification. The IBAA will be stored on site before being blended with primary aggregates or aggregates produced in accordance with the Aggregates Quality Protocol¹. The IBAA will be blended to form an aggregate output to meet a required specification which will be sent off site for use. The processed IBAA will be imported to the site by road and the aggregate product will predominantly be exported from the site by road. It is possible that aggregate product may also be exported by rail. Primary aggregates or aggregates produced in accordance with the Aggregates Quality Protocol will predominantly be imported to the site by rail although they may also be imported to the site by road.
- 1.3** Only LoW Code 19 12 12 will be accepted at the site and the LoW Coded 19 12 12 will comprise *'treated bottom ash including IBA/IBAA and slag other than that containing dangerous substances only'*. There will be no other wastes accepted at the site or permitted activities carried out at the site.
- 1.4** The site is centred approximately at National Grid Reference (NGR) SP 74428 54732 approximately 5.5km south of the centre of Northampton and 1km west of Junction 15 of the M1 Motorway. The site boundary the subject of the permit application is

¹ WRAP (Waste & Resources Action Programme) Quality Protocol for Aggregates from inert waste, end of waste criteria for the production of aggregates from inert waste published on 22 October 2013

shown on Figure 1 of the application report and covers an area of approximately 2.2 hectares. The permit application boundary covers the whole of the GRS Northampton Railhead. The operations the subject of the permit will be limited only to the waste related operations and not the wider railhead operations.

- 1.5** The site, including the IBAA storage and blending area will be located in the open air. The surface of the site including the IBAA storage and blending area will comprise an impermeable surface with a sealed drainage system. The IBAA storage and blending areas will be delineated on three sides by concrete block walls up to 4m high. In summary the IBAA blending operations will be carried out by loading shovels and the placement in bays of alternative layers of IBAA and aggregate. Effective dust suppression will be provided.
- 1.6** A Nuisance and Amenity Environmental Risk Assessment (ERA) has been prepared and is included in the permit application. It is concluded in the ERA that subject to the implementation of appropriate controls the blending operations will have a low or very low risk of adverse impact on amenity or the surrounding environment including sites of heritage or nature conservation interest. A Dust and Emissions Management Plan (DEMP) has been prepared in respect of the blending operations and the DEMP is included in the permit application. Measures are included in the DEMP to minimise the risk that the blending operations will result in the unacceptable emissions of dust and particulate matter. A Noise Impact Assessment (NIA) has been prepared and is included in the permit application. It is concluded in the NIA that there will be no significant or unacceptable adverse impact at noise sensitive premises in the vicinity of the site. A Noise Management Plan (NMP) has been prepared in respect of the blending operations and the NMP is included in the permit application.
- 1.7** The site will be managed in accordance with an Environmental Management System (EMS) using sufficient competent persons and resources. A summary of the EMS is included in the permit application.