

Waste to Energy, Waste Processing & Recycling Centres

This is a list of some projects in the waste to energy, waste processing and recycling sector for which Spectrum has provided acoustic consultant or noise consultancy services.

Client	Project	Description of Services
Aker-Kvaerner Construction Limited	Isle of Man Integrated Incinerator Facility	Completion of Background Noise Surveys during planning process Provision of acoustic design support to main turnkey contractor, including; completion of noise modelling as part of acoustic design of plant for meeting environmental noise limits; completion of equipment acoustic specifications for vendor guarantees, based on design noise model; completion of construction and commissioning surveys throughout development to completion of project
Alstom Power Generation Limited	Raikes Lane Incinerator, Bolton	Completion of construction, commissioning and final environmental noise surveys. Completion of on-plant noise surveys for equipment specification compliance checks
Balfour Beatty Process Engineering Limited	Baldovie WTE Plant, Dundee	Production of on-plant commissioning procedure. Completion of various on-plant commissioning noise tests
Dwr Cymru (Welsh Water)	Chester Sewage Treatment Works, CHP Plant	Acoustic design and project management for installing noise control measures to allow 24-hour operation of CHP plant. For Welsh Water
Greater Manchester Waste Ltd	Raikes Lane Incinerator, Bolton	Environmental Noise Impact Assessment including background survey and prediction of operating noise levels. For Merz & McLellan
J Doyle Ltd	Metal processing facility, Bolton	Environmental noise survey and assessment
Mayday Energy Centre Ltd	Mayday Hospital, Croydon	Review of client specification, background noise survey, review equipment noise data and issue of SRI Specifications. For Merz Orchard
North West Energy Ltd	Hope Hospital, Salford	Environmental Noise Survey of Incinerator site. For North West Energy Ltd
Severn Trent Water	Minworth Sewage Treatment Works, CHP Plant	Environmental Noise Survey, review of clients Specification, issue of Equipment Noise and SRI Specifications. Review of vendor noise data. For Siemens plc
Smith & Co (Bedford)	Metal recycling facility, Bedford	Environmental noise impact reduction study
South West Water	Hayle Sewage Treatment Works, CHP Plant	Environmental Noise Survey, review of clients Specification, issue of Equipment Noise and SRI Specifications. Review of vendor data. For John Brown Engineering
Stevenage Borough Council	Stevenage Waste Transfer Station	Noise control feasibility study

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TEG Environmental	Tempsford Airfield, Bedfordshire	Noise Impact Assessment of a waste processing and recycling centre
F and R Cawley	Luton Waste Processing Plant, Bedfordshire	Occupational noise assessment