

**REPORT TO: ENVIRONMENTAL AND CONSUMER PROTECTION COMMITTEE
21st JANUARY 2002**

REPORT ON: PROVISION OF ASH RECYCLING FACILITIES

REPORT BY: DIRECTOR OF ENVIRONMENTAL AND CONSUMER PROTECTION

REPORT NO: 800-2001

1. PURPOSE

- 1.1 To authorise contractual arrangements for the recycling of bottom ash which is generated at the DERL Waste to Energy Plant.

2. RECOMMENDATIONS

- 2.1 It is recommended that the committee authorise acceptance of an offer from Ennstone Thistle Ltd, Forfar for recycling facilities for the ash.

3. FINANCIAL IMPLICATIONS

- 3.1 The ash will be deposited at Ennstone Thistle's site free of charge.
3.2 Transport costs are included in existing revenue budgets.

4.0 DUNDEE IMPLICATIONS

- 4.1 Health is protected by creating a safe clean pleasant environment.
4.2 Pollution is limited to levels with which the natural systems can cope.

5. EQUAL OPPORTUNITIES

- 5.1 Under Local Government Act 1988, suppliers were required to complete and return a questionnaire to ensure that their business complies fully with the Race Relations Act 1976. All companies listed comply fully with the Act.

6. MAIN TEXT

- 6.1 The Environmental & Consumer Protection Department uplift around 13,000 tonnes of bottom ash per annum (incineration residue) from the DERL waste to energy process.
6.2 This material is suitable for recycling as an aggregate supplement and has been the subject of successful trials by Ennstone Thistle in their bitumen coating production, located at Cunnont Quarry, Newbigging, By Dundee

- 6.3 This use of the material results in considerable landfill avoidance savings to Dundee City Council.
- 6.4 Sampling of the ash is carried out on a quarterly basis. The sampling includes test for heavy metals and dioxins and furans. The Special Waste Regulations define 'special waste' and also lay down criteria as how to assess materials with respect to this definition. The samples of bottom ash were assessed against the definition of 'special waste' using this criteria, and the Public Analyst was of the opinion it was not a 'special waste'.

The results of these tests are submitted to the Scottish Environment Protection Agency (SEPA).

- 6.5 The site used for recycling the ash is covered by an exemption to the Waste Management Licensing Regulations 1994 issued by SEPA.
- 6.6 SEPA approval has been obtained for this arrangement.
- 6.7 An agreement for a 5-year term will be required with Ennstone Thistle.
- 6.8 The Council shall deliver at its own expense, all of the Bottom Ash from DERL to Cunmont Quarry, except that the Council will be entitled to retain up to 25% of the ash for further recycling initiatives or proposals.
- 6.9 No charge will be made by Ennstone Thistle for accepting the ash.
- 6.10 Ennstone Thistle shall ensure that the site is suitably licensed to accept/treat the ash.
- 6.11 Ennstone Thistle shall be responsible for disposing of any ash that is suitable but is unable to handle.
- 6.12 Ennstone Thistle shall be able to terminate the agreement if it loses its licence to accept the ash, or if the ash in the opinion of Ennstone Thistle is of inadequate quality for road building or contains substances harmful to human or animal health or poses a risk of environmental contamination or if the amounts of ash fall below 750 tonnes per month or a continuous period of 28 days.
- 6.13 The Council shall be entitled to terminate the agreement if Ennstone Thistle refuse to accept ash without good reason and has not resumed acceptance of deliveries within 28 days of being served a notice by the Council, or if Ennstone Thistle are wound up.

7. CONSULTATION

- 7.1 The Chief Executive, Director of Finance and Director of Support Services have been consulted in the preparation of this report.

8. BACKGROUND PAPERS

8.1 No background papers as defined by section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information) were relied on to any material extent in preparing this report.

9.0 SIGNATURE

Director of Environmental and Consumer Protection Date: