REF.	ACTIONS	PARTNERS (lead partners in bold)
10.1	**Inform the Environmental Health Service where contamination of land is observed or suspected due to runoff from a contaminated site.**	**ACC / AC**
10.2	**Inform the relevant department within SEPA where contamination of the water environment is observed or suspected.**	**SEPA**
10.3	**Identify and remediate pollution from closed landfill sites.**	**SEPA / ACC / AC / Operators or land owner**
10.4	**Ensure compliance with Waste Management Licences (ongoing).**	**SEPA** / ACC / AC / Industry
10.4.1	Fulfil statutory duties to: - Inspect the area identify contaminated land and enforce remediation - Maintain a Public Register of contaminated land - Enforce the remediation of special sites (sites for which SEPA not the LA is the enforcing authority)	ACC / AC / SEPA
10.5	**Reduce the disposal of municipal waste to landfill**	**CRNS / SEPA** / ACC / AC / Aberdeen Forward / BEPNE / **Operators / Land owner**
10.5.1	Carry out local scoping of existing waste prevention initiatives and identify gaps.	CRNS / SEPA
10.5.2	Promote municipal waste prevention and reuse with high levels of recycling and composting.	CRNS / SEPA
10.5.3	Increase the number of community composting initiatives.	ACC / AC / Aberdeen Forward / SEPA
10.5.4	Organise local promotional events and provide comments to the NMW Framework consultation.	**SEPA /** BEPNE
10.6	**Control seabird access to landfill sites to prevent transmission of parasites to fish including Atlantic salmon.**	**Operators / Land owner**

Acronyms are listed in the centre of this Action Card

10.Landfill and contaminated.indd Spread 1 of 2 - Pages(4, 1)



landfill & contaminated land

10 WATER QUALITY

OBJECTIVE 10. Limit the environmental impact of existing and closed landfill sites. Identify and remediate Contaminated Land.

BACKGROUND

Contaminated Land is land which poses a risk to site users and aspects of the wider environment within and adjacent to the site. The legislation (see Legislation section) provides protection for the water environment and specific types of ecological sites for example sites of Special Scientific Interest (SSSIs).

There is currently no statutory Contaminated Land in the Dee catchment however many sites that may be contaminated have been identified. These include former gasworks unlicensed landfills filling stations and ad hoc infill. Some of these sites have already been investigated and remediated others may meet the legal definition of contaminated land and therefore require remediation.

ISSUES

Disposal of waste to landfill leads to the generation of concentrated effluent known as leachate. If inadequately collected and treated leachate may escape the landfill and pollute ground and surface waters as has happened in the past at the Crow's Nest landfill near Banchory.

EXISTING / RECENT INITIATIVES

- Aberdeenshire Council (AC) and Aberdeen City Council (ACC) have a statutory duty to prioritise and inspect potentially contaminated land within the Dee catchment. This responsibility is delegated to the Environmental Health Service. The process of inspection is required to be rational ordered and efficient and must focus on the most pressing and serious problems first.
- The Environmental Health Service is a consultee to the Planning Service for planning applications for the development of potentially contaminated land. Where a risk is identified the application site is required to be remediated as a condition of planning permission.
- All known inert landfills in the Dee catchment have been issued either with a closure notice or a request for permit application under the Pollution Prevention and Control regulations. Closure of some inert landfill sites is already in progress and all other landfill sites in the catchment have been issued with PCC permits.

ACTIONS REQUIRED

Ensure Environmental Health is informed of any contamination noted within the Dee Catchment.

LEGISLATION

See Action Pack Annex for information sources

- Waste management licensing regs (as amended by 2003 regs)
- Polution Prevention and Control (Scotland) Regulations
- Landfill Directive and Regulationss
- Controlled Activities Regulations
- Contaminated Land Regs 2000
- Environmental Protection Act 1990: Part IIA Contaminated land
- Contaminated Land (Scotland) Regulations 2000
- Contaminated Land (Scotland) Regulations 2005
- Landfill sites that were closed before 1993 are designated as contaminated land and are controlled by the same regulations.

GUIDELINES AND INFORMATION

See Action Pack Annex for information sources

- Planning Advice Note 33. Development of Contaminated Land.
- Site investigation and risk assessment are dealt with by Environmental Health or a specialist consultancy.

BENEFITS TO PROTECTED SPECIES

The following specially protected species will benefit from the Actions:

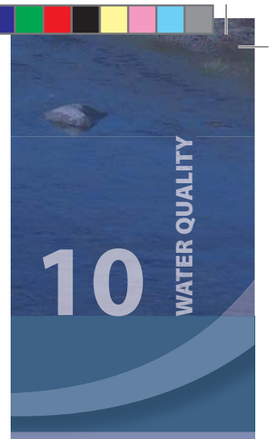
WHO IS INVOLVED?

Aberdeenshire Council
Aberdeen City Council
Aberdeen Forward
Business Environment Partnership NE
Community Recycling Network for Scotland
Industry
Landowners
Operators
Scottish Environment Protection Agency

Further copies can be downloaded at www.theriverdee.org. For further information contact the Dee Catchment Officer
c/o The Macaulay Institute, Craigiebuckler, Aberdeen AB15 8QH Telephone: 01224 498200 email: info@theriverdee.org

deecatchment partnership

- Grass wrack pond weed *Potamogeton compressus*
- Pillwort *Pilularia globulifera*
- Freshwater pearl mussel *Margaritifera margaritifera*
- Common frog *Rana temporaria*
- Palmate newt *Triturus helveticus*
- Northern blue damselfly *Coenagrion hastulatum*
- Stiletto-fly *Cliorisimia rustic*
- Stone fly *Brachyptera putata*
- Atlantic salmon *Salmo salar*
- Brook lamprey *Lampetra planeri*
- River lamprey *Lampetra fluviatilis*
- Sea lamprey *Petromyzon marinus*
- Daubenton's bat *Myotis daubentonii*
- Otter *Lutra lutra*
- Water vole *Arvicola terrestris*
- Goldeneye *Bucephala clangula*
- Osprey *Pandion haliaetus*



10 WATER QUALITY

RELATED ACTION CARDS

1. Diffuse agricultural pollution

26. Atlantic salmon

27. Freshwater pearl mussel

34. Tarland burn