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## GUIDANCE NOTES FOR ANNEX 4: MAJOR SURFACE DISPOSAL OF MINE OR QUARRY WASTES

MUCH OF THE INFORMATION REQUIREMENTS FOR THIS TYPE OF APPLICATION CAN BE ACCOMMODATED UNDER THE MAIN MINERALS APPLICATION FORM AND ANNEX 1.

HOWEVER, CERTAIN TYPES OF MINERAL DEVELOPMENT CREATE SUBSTANTIAL WASTES AND ADDITIONAL INFORMATION IS THEREFORE REQUIRED FOR THESE DEVELOPMENTS. THEY INCLUDE:

- DEEP MINED COAL;
- CHINA CLAY;
- HARD ROCK PROPOSALS INVOLVING SIGNIFICANT VOLUMES OF WASTE  
(some limestone, igneous rock and sandstone quarries);
- SLATE;
- VEIN MINERALS  
(including tin, copper, lead, zinc, haematite, iron ore, barytes, calcite and fluorspar).

THE MPA MAY REQUIRE A FULL AND SEPARATE WASTE MANAGEMENT SCHEME TO BE SUBMITTED, MAKING FULL PROVISION FOR THE MANNER IN WHICH THE WASTE IS TO BE DEPOSITED, THE PRELIMINARY STRIPPING AND STORAGE OF TOPSOIL AND THE RESTORATION AND AFTERCARE OF A SITE. APPLICANTS ARE ADVISED TO DISCUSS THIS REQUIREMENT WITH THE MPA. COMPLETION OF THESE QUESTIONS IS NOT INTENDED TO PROVIDE A WASTE MANAGEMENT SCHEME WHICH MIGHT BE REQUIRED BY THE MPA UNDER PART 21 OF THE GDO 1988.

IN ALL CASES, HOWEVER, THE MPA WILL NEED TO ESTABLISH THAT PROPOSALS ARE SOUNDLY BASED AND CAPABLE OF RECLAMATION WITHIN A REASONABLE TIMESCALE OF WORK CEASING.

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A4.1 Total site area for proposed deposit of mine and quarry wastes should be given. Applicants should also ensure that the location of temporary and permanent waste sites are clearly shown on a plan which is specified in Question 5 of the main minerals application form. The plan should be sufficient to distinguish temporary and permanent waste sites.

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- A4.2 (i) To be completed by all applicants. This should include information on gradients and contours of tips including maximum height. This information may best be illustrated in supporting plans, sections and drawings.
- (ii) To be completed by all applicants.
- (iii) To be completed if relevant.

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A4.3 Physical and chemical properties of wastes should be interpreted in terms of their effects on subsequent vegetation as well as provision for treatment of wastes including control and disposal of drainage and any run-off which may occur.

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A4.4 Dates should be indicated, either on the plan showing temporary tips or elsewhere, showing at what point in the programme of work temporary tips will be removed.

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