



APPLICATION FOR MINERALS DEVELOPMENT
IMPORTANT: THIS FORM MUST BE COMPLETED IN ADDITION TO FORM GA1

November 2006

APPLICANTS SHOULD READ THE ACCOMPANYING GUIDANCE NOTES BEFORE COMPLETING THIS FORM

1.0 SITE OWNERSHIP

1.1 Surface land owner(s):

Name: .....

Name: .....

Address: .....

Address: .....

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1.2 Mineral owner(s)(if different from 1.1):
For Mineral Applications only

Name: .....

Name: .....

Address: .....

Address: .....

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1.3 What is the applicant's interest in the adjoining land, if any?

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**2.0 SITE HISTORY**

**2.1 Are you or anyone else with an interest in the land willing to consolidate or update existing permissions including associated development on the site? (Please give details)**

**2.2 Previous permissions for minerals development on the site (if any)**

Decision Reference No(s)	Date(s) of Decision(s)

**3.0 TYPE OF DEVELOPMENT**

**3.1 Brief description of the development including main mineral to which the application relates.**

**3.2** Indicate the checklists which you have completed with this application form (see the notes for guidance for the checklists you will need to complete).  
**IMPORTANT** All applicants must complete checklists D, E & F.

Minerals Exploration	Checklist A	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
Minerals Extraction	Checklist B	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
Minerals Processing	Checklist C	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
<b>Ancillary Operations, Associated Development &amp; Transport</b>	<b>Checklist D</b>	<b>YES</b>	<input type="checkbox"/>		
<b>Environmental Effects</b>	<b>Checklist E</b>	<b>YES</b>	<input type="checkbox"/>		
<b>Restoration, Aftercare and Afteruse</b>	<b>Checklist F</b>	<b>YES</b>	<input type="checkbox"/>		
Underground Mining	Checklist G	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
Proposals involving Disposal of Wastes	Checklist H	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
Landfill	Checklist I	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
Oil & Gas Development	Checklist J	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
Benefits of Development	Checklist K	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>

**CHECKLIST A: MINERAL EXPLORATION**

	<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i) Minerals Sought (if known)		
Type(s) of mineral	YES/NO	Ref.....
Area	YES/NO	Ref.....
ii) Methods of Exploration		
Boreholes or Other Excavations	YES/NO	Ref.....
Seismic Methods	YES/NO	Ref.....
Equipment	YES/NO	Ref.....
Duration of Operations	YES/NO	Ref.....

Additional information not provided elsewhere .....

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**Guidance Notes**

This section should be completed for proposals involving mineral exploration (excluding oil and gas) and requiring planning permission.

Certain small scale and temporary prospecting operations undertaken for the purpose of exploiting minerals are permitted by the General Permitted Development Order subject to certain limitations and conditions. Where there is uncertainty about permitted development rights, applicants are advised to discuss their proposal with the MPA.

In all other cases you should apply for planning permission and submit the following information with your application.

i) In most cases the minerals type will be known and should be stated. Where the minerals being sought are not known, applicants should state the purpose of operations being undertaken. Details submitted should also include an indication of the site area (ha) to be explored.

ii) Methods of exploration should include the expected number and depth of borehole(s) or other excavations; the method and results of any seismic surveys (if relevant), the type of equipment used during exploration; and an estimation of the duration of operations, where relevant.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted), and list these on the main application form.**

**CHECKLIST B: MINERAL EXTRACTION**

		<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i)	Type and Quantity of mineral to be extracted	YES/NO	Ref.....
ii)	Methods of extraction	YES/NO	Ref.....
iii)	Quantities and characteristics of soil and overburden to be removed	YES/NO	Ref.....
iv)	Thickness of working in relation to the water table	YES/NO	Ref.....
v)	Special properties of the material and evaluation procedures used to determine this	YES/NO	Ref.....
vi)	Potential market	YES/NO	Ref.....
vii)	Quantity and nature of wastes from extraction	YES/NO	Ref.....
viii)	Scheme of working	YES/NO	Ref.....

Additional information not provided elsewhere .....

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**Guidance Notes**

- i) The applicant should include the mineral type(s) to be extracted, and the area of excavation (hectares) which should make cross references to plans
- ii) Details should be provided for methods of extraction
- iii) Information should also be provided relating to the proposed duration of extraction and should include details of proposed start and end dates and phasing. Where possible, a progressive scheme of working should be prepared which minimises the amount of land taken out of agriculture or other use at any one time and which facilitates the early restoration of the site.
- iv) Information should also include the approximate thickness and estimated total volumes of the Topsoil and subsoil existing on the site (average and ranges), as well as the approximate average thickness and total volumes and nature of any overburden which must be removed (see Checklist F). Indication should be given of the agricultural grade of the land being affected either by extraction or by material waste deposition (Grades 1 to 5) and should be accompanied by a clear indication of how the agricultural grade of the soil has been determined (e.g. using Agricultural Land Classification Maps or other surveys). Applications should also indicate provisions to be made for the temporary or permanent separate storage of each of these materials. Information should relate to the location and design of all soil and overburden storage mounds.
- v) Include details of the maximum depth of surface workings and relationship to the water table and whether dewatering or pumping will occur.
- vi) Minerals can only be worked where they are found, therefore if the proposal involved minerals with special characteristics or properties or is needed to fulfill a specific commercial or market need, applicants should provide details so that this factor may be taken into consideration. If this type of information is submitted, applicants should also provide details of the procedures undertaken to assess the quality and quantity of the material (including the location of boreholes, trenches etc.).

- vii) Details should be given to the total amount of minerals to be extracted (tonnes) and of this, the likely total quantity of which will be saleable. Where known, the end use of the material and likely geographical areas in which it will be used should also be specified.
- viii) Details of wastes arising from main extraction operations including the nature of wastes and estimated total quantity produced (excluding overburden) should be provided, including the proportion of wastes to be retained on site. Methods of disposal of wastes not retained on the site should also be given. If significant quantities of wastes are to be tipped separately, please also complete Checklist H.
- ix) The applicant should give clear and detailed information relating to the proposed scheme of working. This should include phasing. Detailed drawing showing work at each stage will need to be submitted for this purpose.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**

**CHECKLIST C: MINERAL PROCESSING**

		<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i)	Quantity of mineral products to be processed annually on site	YES/NO	Ref.....
ii)	Capacity of processing plant	YES/NO	Ref.....
iii)	Quantities of processed waste	YES/NO	Ref.....
iv)	Off-site processing operations	YES/NO	Ref.....

Additional information not provided elsewhere

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**Guidance Notes**

- i) Information should be supplied which indicates the quantity of raw material to be processed on the site itself (maximum tonnes per annum), and the nature and annual maximum amounts of any other material(s) proposed to be brought onto the site for processing or storage. Details of other materials to be brought onto site as inputs to the processing operations should be given. In addition, the applicant should submit information relating to the nature and form of the products, once processed. Information should also relate to the maximum tonnes per annum produced on site of the processed product(s).
- ii) Information relating to the normal average and maximum working capacity of the processing plant should be provided and expressed in terms of maximum tonnes per hour.
- iii) A description of the nature and quantities of waste resulting from processing procedures should be provided including the volume of wastewater and other waste products, and the proposed methods of disposal.
- iv) Details should be given of any off-site processing plants, their location and the percentage of material extracted, which is processed of the site. Information should be supplied relating to the method of transporting material from the extraction area to the processing or disposal area.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**

**CHECKLIST D: ANCILLARY OPERATIONS, ASSOCIATED DEVELOPMENT AND TRANSPORT**

	<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i) Buildings, plant and structures associated with the winning or working of minerals, or deposit of waste(s) subject of this application	YES/NO	Ref.....
ii) Site access	YES/NO	Ref.....
iii) Methods of transporting materials	YES/NO	Ref.....
iv) Details of vehicular movements	YES/NO	Ref.....
v) Methods of controlling transport impacts	YES/NO	Ref.....
Additional information not provided elsewhere .....		
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**Guidance Notes**

**Ancillary operations refer to those buildings or structures that do not require planning permission under a General Permitted Development Order. Associated development goes beyond this and refers to buildings or structures that do require planning permission.**

Applications for the types of minerals development not included in the categories specified in Schedule 1(1) of the Town and County Planning Act 1990 as amended by Section 19 of the Planning and Compensation Act 1991 should be submitted on standard application form that can be obtained from the district in non-metropolitan counties or metropolitan district or London Boroughs, or the Peak and Lake District National Park Authorities.

**Note:** Schedule 1 includes building, plant or machinery that is proposed for the coating of roadstone or production of concrete products where the facility adjoins sites used for working of minerals or transport of minerals. It does not include freestanding, concreting or coating plants for which applications should be submitted on standard application forms obtainable from the district or borough. If in doubt, you are advised to consult the planning authority.

- i) Information should be provided relating the type, number, location, external appearance, and dimensions of buildings and plant and structures to be erected. Information should also be provided relating to whether or not the ancillary or associated operations would remain on site beyond the period of mineral winning or working.



- ii) Information should be provided on whether there is an existing means of access to the site. If there is, then details will need to be submitted relating to the width of the access and whether or not the existing access needs to be altered. If alteration is necessary, then details should be given of the proposed width of the altered access and the method of construction used to alter this access. If there is no existing access to the site, then details of width and construction methods will need to be provided.
- Where there is a need for highway improvements to be carried out as a consequence of your development, applicants will normally be required to undertake them at their own expense or reimburse the highway authority for the cost of undertaking such improvements.
- iii) Information should be provided relating to how material (and, if appropriate, waste) will be removed from the site. Details should be provided as modes of transport (e.g. road or rail).
- In addition, it will be necessary to specify the immediate end destination of material leaving the site (e.g. railhead, storage on land elsewhere), and routes intended to be used (whether on the major or minor road network or rail network) to reach this immediate end destination. A supporting diagram showing the existing and proposed traffic levels along the proposed routes is particularly helpful. If the proposal is likely to generate significant amounts of traffic and / or heavy vehicles and / or would use roads of poor construction width or alignment, applicants are strongly advised to contact the Highway Authority.
- iv) Information should be provided on the average and maximum number of vehicle movements entering or leaving the site daily. The average and maximum size of loaded vehicles entering or leaving the site daily and annual variation in traffic flows during operations. Information should be provided to explain how the operator or applicant will control transport facilities.
- v) Information should go as far as to indicate the location of haul roads in proximity to the nearest properties; any speed limits operating within the site. Applicants should also indicate the extent to which transport operations will be under the control of the applicant, and if not the methods used to control transport movements. This might include erecting notices at the site exits requesting drivers to follow specific routes to avoid noise sensitive properties for instance.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**

**CHECKLIST E: ENVIRONMENTAL EFFECTS OF DEVELOPMENT**

		<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i)	Is an Environmental Statement appended to this application?	YES/NO	Ref.....
ii)	Hours of working	YES/NO	Ref.....
iii)	Noise issues	YES/NO	Ref.....
iv)	Dust	YES/NO	Ref.....
v)	Blasting	YES/NO	Ref.....
vi)	Hazardous Material	YES/NO	Ref.....
vii)	Water	YES/NO	Ref.....
viii)	Land stability	YES/NO	Ref.....
ix)	Processes to be registered	YES/NO	Ref.....
x)	Statutory designations	YES/NO	Ref.....
xi)	Public rights of way	YES/NO	Ref.....
xii)	Visual impact of proposal	YES/NO	Ref.....
xiii)	Landscaping during operations	YES/NO	Ref.....
xiv)	Nature conservation	YES/NO	Ref.....

Additional information not provided elsewhere .....

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**Guidance Notes**

- i) **To be completed by all applicants.**  
Applicants should distinguish between baseline conditions (i.e. current state) and impacts arising from the development proposals.
- ii) Details should be provided relating to the proposed total anticipated hours of working (excluding emergency and maintenance works) separately for different activities taking place on the site including specified separately in terms of weekday operations and weekend operations as well as Sunday's and Bank Holidays.
  - Mineral prospecting;
  - Soil stripping and overburden removal;
  - Mineral working;

- Waste disposal;
- Mineral processing;
- Vehicular movements.

If operations are likely to be intermittent then this should be clearly stated and the proposed periods of working given separately

- iii) Applicants should provide as much detail as possible relating to noise. Applicants should provide information on proposed noise levels through the different stages of work. Information should include the predicted or actual noise emissions from specific plant, the length of time plant will be in use, measures taken for controlling noise, (e.g. screening barriers or other forms of noise barrier erected) and methods of calculating noise emissions.

Where the proposed development is to take place in proximity to noise sensitive property, such as residential dwellings, schools, hospitals and recreation areas, applicants should provide details of noise levels at these properties or areas scheduled for such development. If no noise sensitive properties are likely to be affected then applicants should give noise levels at site boundaries. The applicant should indicate whether there will be a need for temporary raising of noise limits for activities of a temporary nature.

- iv) Proposed methods for noise monitoring should also be specified  
Applicants should state methods to control and suppress dust from the extraction and processing operations including the treatment of topsoil and subsoil storage heaps. They should also state the measures proposed for minimising the spread of mud, minerals or wastes onto the public highway from the transportation operation.

- v) Where relevant, applicants should provide as much details as possible of the effects of blasting. Blasting should normally take place during the normal working day and applicants should provide details of the arrangement made for public warning and access restrictions during blasting itself.  
Applicants should also provide, where possible, the predicted maximum blasting vibration and overpressure levels at nearby properties, the methods used for such predictions (e.g. test blasts on similar sites etc), and proposed monitoring arrangements.

- vi) Applicants who are uncertain whether or not the material in the proposal involves the use and storage of hazardous materials should contact the MPA or Health and Safety Executive.

For materials that may create a hazard, applicants should indicate the hazardous materials, what special consideration will need to or has been given to the siting of development that involves the use of such materials, and how the material is intended to be stored. Further advice may be obtained from the Health and Safety Executive.

- vii) Applicants should indicate natural water table levels and specify whether or not working is to take place below these levels. If working is to take place below these levels, then applicants should specify whether working is to be wet or dry. If it is dry then details of proposed methods of dewatering and proposed methods of water disposal must be given.

Applicants should give an outline of proposed measures to control potential pollutions to protect ground and surface water. They should also give an indication of any necessary drainage and flood control measures; and proposed monitoring measures, including any requirements for the provision of settlement lagoons; the way in which surface water is to be disposed of; the avoidance of impairing drainage from adjoining areas; and the prevention of material entering open watercourses.

If any discussions with the Environment Agency have taken place prior to submitting this application, then the applicant may wish to inform the MPA of the outcome of these.

Measures taken to prevent the spillage or seepage of fuel oils during delivery and storage on site should also be given.

- viii) If any stability studies have been undertaken then the results of these should be summarised and provided.

Applicants should make clear any measures to ensure the stability of working faces, tips and associated structures.

- ix) Applicants should state whether any processes are to be registered under Part 1 of the Environmental Protection Act 1990 and should describe the nature of these operations.
- x) There are a wide variety of statutory designations, for example, National Parks; Areas of Outstanding Natural Beauty; Sites of Special Scientific Interest (SSSI's) Listed Buildings and Conservation Areas; Scheduled Ancient Monuments; or National Nature Reserves. Some nationally designated SSSI's have also been scheduled as internationally important for nature conservation such as Ramsar sites, Special Protection Areas (SPA's) for birds; and Special Areas in Conservation (SAC's) for habitats and species.  
Applicants should seek to explore as far as possible whether or not any statutory designations exist either on the site intended to be worked or filled or in the adjacent area.
- xi) Please note that the receipt of planning permission does not give a right to extinguish or direct a public right of way e.g. public footpath, bridleway or road. If your scheme affects a public right of way in this manner you will require specific authority. Further advice on this matter is available from the MPA or highway authority
- xii) Applicants should submit sufficient information to indicate the extent of visual impact of the proposed development and operations. Methods used for example, include visual envelope maps or photomontages. Cross-reference should be made to any plans submitted under Question 5 of the main form.
- xiii) Applicants should submit information to indicate the extent, nature and location of any landscaping to be undertaken during operations to screen the site from public view or otherwise to mitigate the visual impact.
- xiv) Applicants should submit information to indicate the extent, nature and location of any nature conservation designations that may be affected by the proposals and the measures that are proposed to mitigate any determined impact.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**

**CHECKLIST F: RESTORATION, AFTERCARE AND AFTERUSE**

I		Information Provided	Document/Section/Page Number
i)	Scheme submitted	YES/NO	Ref.....
ii)	Progressive scheme	YES/NO	Ref.....
iii)	Details of restoration, aftercare and afteruse	YES/NO	Ref.....
iv)	Use of soil materials	YES/NO	Ref.....
v)	Methods and machinery to be used for restoration	YES/NO	Ref.....
vi)	Arrangements for longer term management of restored site	YES/NO	Ref.....
vii)	Access arrangements for restored site	YES/NO	Ref.....

Additional information not provided elsewhere .....

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**Guidance Notes**

**Applicants should also complete checklist J where proposals involve infill of the site using inert wastes or landfill involving controlled wastes.**

Aftercare conditions will normally be imposed where the intended after-use will be for agriculture, forestry or amenity purposes, and will either specify the steps to be taken or, where restoration and aftercare may not be begun for a number of years, will require an aftercare scheme to be submitted for approval at a later date. Applicants are asked to provide aftercare details to assist statutory consultations and the framing of aftercare conditions.

**Overall, the applicant needs to demonstrate that the site can be reclaimed satisfactorily. The best way to achieve this is to prepare a restoration plan at the outset based on detailed site investigation and fully integrated with the working programme. For afteruses that involve some form of plant growth (e.g. agriculture, forestry or amenity) the plan should normally involve four main states:**

- (a) Stripping of soils and soil making materials and either their storage or their direct replacement (i.e. restoration) on another part of the site;
  - (b) Filling operations (if required) (see also Checklist I);
  - (c) Restoration;
  - (d) Aftercare
- i) All applicants should submit details relating to points (a), and (c) above. All applicants should also specify the proposed afteruse(s) for the site and outline

- proposals for aftercare (d). Details of filling proposals (b) should be submitted where relevant.
- ii) Where feasible, a progressive scheme of working should be prepared that minimises the amount of land taken out of agricultural or other use at any one time and which facilitates the early progressive restoration of the site. Special consideration should be given to the locations and design of all soil and overburden storage mounds and the timing of their construction and removal should be indicated.
  - iii) Where restoration of the site or part of the site is likely to take place within 12 months of the commencement of working, applicants should provide full details of the proposed scheme of restoration and aftercare. If not, applicants should submit a summary of the items proposed for inclusion in an aftercare scheme, to be agreed at a later date, including land management during the aftercare period and intended arrangements in the longer terms. Applicants should specify the intended afteruses of the site (agriculture, forestry, amenity etc) giving a rough indication of the amount of land proposed for each use. Proposed contours and final levels of the site (indicating the situation pre-settlement and post-settlement where filling is involved) should be given. If amenity is proposed then the applicant should indicate whether a part(s) or whole of the site is intended for nature conservation; informal recreation or sports. If water areas are to be created, then the applicant should seek to estimate the intended depths and areas of water, hydrology and water quality. Proposed profiles of banks; creation of islands; preservation and use of soil and the treatment and planting of water and land margins; and proposals for subsequent management should be submitted if they are part of the overall restoration scheme.
  - iv) Details should be provided relating the proposed soil materials in restoration including total amounts and average thickness to be spread of topsoil, subsoil and overburden or other soil making material. The applicant should also indicate whether it is proposed to supplement the original soils, for restoration purposes by using other soil-making materials available from the site.
  - v) Applicants should indicate the methods and machinery to be used in stripping, transporting and restoring soils and should ensure plans clearly show the location of the proposed outfalls for drainage of the restored land.
  - vi) Applicants should give details or arrangements for longer-term management of the restored site. This should include any other party who will or may be responsible for the site during the aftercare period (e.g. if a former tenant farmer or landowner); and particularly sites to be used for nature conservation or recreation; what arrangements are likely for management of the land in the longer term. Applicants should also indicate if these matters are the subject of a proposed planning obligation / voluntary agreement.
  - vii) Applicants should also indicate the proposed access roads to the restored site.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**

**CHECKLIST G: UNDERGROUND MINING**

		<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i)	Depth or extraction	YES/NO	Ref.....
ii)	Number of levels or seams	YES/NO	Ref.....
iii)	Method of mining	YES/NO	Ref.....
iv)	Details of waste to be brought to the surface	YES/NO	Ref.....
v)	Outline subsidence investigations	YES/NO	Ref.....
vi)	Subsidence mitigation	YES/NO	Ref.....
vii)	Other surface development	YES/NO	Ref.....
viii)	Treatment of mine openings	YES/NO	Ref.....

Additional information not provided elsewhere .....

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**Guidance Notes**

**Much of the information requirements for this type of application can be accommodated under the main form and checklists. The focus of this additional section is therefore to cover issues not covered in the rest of the form including methods of working and associated development, e.g. ventilation shafts that are on sites not linked to the main pithead or processing plan area.**

**Applicants should indicate the following additional information in relation to working arrangements:**

- i) This should include minimum and maximum depth(s) of extraction around the site. Drawings should be submitted showing depth and location.
- ii) If more than one seam is to be worked then details should be given on their number or levels where they are found.
- iii) Applicants should also provide a description of the method of mining used, e.g. longwall, pillar room or solution; and its likely effect on subsidence at the surface.
- iv) Applicants should also provide details of wastes to be brought to the surface. This should include type of waste, the proportion of which is inert and methods for bringing waste to the surface.
- v) Applicants should provide details of any investigations on anticipated subsidence, including extent over time and likely areas to be affected.
- vi) Applicants should also provide details of mitigation measures to prevent or reduce the occurrence of subsidence. A description should be given on methods used, and an indication of when mitigation measures will be in place.

- vii) Applicants should submit details including plans and sections of surface developments such as ventilation shafts etc where they occur.
- viii) In addition to Checklist F, Applicants should seek to supply information on the treatment of mine openings on the cessation of operations. Treatment works may involve covering, capping plugging and filling, or gating or grilling of openings, together with the erection of boundary fences or walls around mine entries, or around land which is at risk of subsidence from underground workings.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**



**CHECKLIST H: PROPOSALS INVOLVING MAJOR SURFACE DISPOSAL OF MINE AND QUARRY WASTES**

	Information Provided	Document/Section/Page Number
i) Total land requirements	YES/NO	Ref.....
ii) Details of tips, tailing lagoons etc	YES/NO	Ref.....
iii) Proposals for stripping and storage of soils	YES/NO	Ref.....
iv) Gradients and contours of tips	YES/NO	Ref.....
v) Physical and chemical properties of wastes	YES/NO	Ref.....
Additional information not provided elsewhere .....		
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**Guidance Notes**

**This section should be completed for applications that include tips of quarry wastes and mine. This is likely to include applications for:**

- 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, barites, calcspar 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.**

**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. In submitting applications involving this type of development, applicants will normally need to ensure that the following information is provided with the application in the form of supporting statements together with associated supporting plans, sections and drawings:**

- i) Total land requirements in area (ha) and location of temporary or permanent waste sites;

- ii) Details of tips indicating whether tips are temporary or permanent in nature, and whether removal of materials is proposed at dates subsequent to the initial tipping. If relevant for proposals involving tailing lagoons, details should also be provided estimating the final restoration and design to permit early restoration to take place
- iii) Proposals for methods of stripping and when this is likely to occur should be given as well as details of measures taken to reduce soil damage
- iv) Details of the method of construction and the gradients and contours of tips should be given including maximum height. This information may best be illustrated in supporting plans, sections and drawings
- v) Applicants should also provide details of the physical and chemical properties of the likely wastes. This should be interpreted in terms of their effects on subsequent vegetation as well as provision for treatment of the wastes including control and disposal of drainage and run-off.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**

**CHECKLIST I: LANDFILL OR INFILL OF MINERAL EXTRACTION SITES**

		<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i)	Total area of fill site	YES/NO	Ref.....
ii)	Site capacity	YES/NO	Ref.....
iii)	Anticipated nature, quantity and source of fill materials	YES/NO	Ref.....
iv)	Measures for monitoring and controlling landfill gas and leachates	YES/NO	Ref.....
v)	Nature of surrounding development	YES/NO	Ref.....
Additional information not provided elsewhere .....			
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**Guidance Notes**

**Where landfilling using controlled wastes is to take place, in addition to obtaining planning permissions, operators will need to obtain a waste management license pursuant to the Environmental Protection Act 1990. Application forms and advice can be obtained from the Environment Agency.**

**It is appreciated that much of the operational detail of any landfill proposal involving controlled wastes will be submitted as part of a Waste Disposal Licensing application. Nevertheless, it is necessary for planning purposes to demonstrate that the proposals for disposal by controlled wastes are soundly based in that the materials area available within the timescale of the restoration process, that they can be imported and placed in an environmentally acceptable manner, and that the subsequent landfill management will nevertheless enable the proposed after-use to be implemented successfully.**

- i)-ii) Applicants should submit information on the total area of the fill site or area of site (in hectare) and phasing where progressive filling of the site is intended, as well as the site capacity (in cubic metres).
- iii) Details should also be provided on the proposed nature (physical and chemical), source and quantity of fill materials both in terms of the total quantities involved and the phasing of quantities by type of material involved. This information should be provided for different types of wastes including:
  - Mineral wastes
  - Household wastes
  - Industrial wastes
  - Commercial wastes

- iv) Where relevant, an outline should also be provided of the measures for monitoring and controlling landfill gas and leachates (greater details will be required for the waste management license).
- v) Applicants should also describe and state the nature of any built development within 250 metres of area proposed to be landfilled with household, industrial or commercial wastes.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 4 for details of plans to be submitted, and list these on the main application form**

**CHECKLIST J: OIL AND GAS DEVELOPMENT**

**Nature of Proposals**

For **Exploration**, complete 1,4 and 5

For **Appraisal**, complete 2,4 and 5

For **Production**, complete 3,4 and 5

	Information Provided	Document/Section/Page Number
<b>1) EXPLORATION</b>		
i) Area of Exploration	YES/NO	Ref.....
ii) Methods used including route of survey	YES/NO	Ref.....
iii) Effects of blasting	YES/NO	Ref.....
iv) Criteria used and number of boreholes	YES/NO	Ref.....
v) Duration of Operations	YES/NO	Ref.....

Additional information not provided elsewhere .....

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<b>2) APPRAISAL</b>		
i) Equipment and methods used	YES/NO	Ref.....
ii) Location of boreholes and site area	YES/NO	Ref.....

Additional information not provided elsewhere .....

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<b>3) PRODUCTION</b>		
i) Site area	YES/NO	Ref.....
ii) Equipment used	YES/NO	Ref.....
iii) Volumes extracted	YES/NO	Ref.....
iv) Nature and location of processing plant	YES/NO	Ref.....
v) Method of transport to processing plant	YES/NO	Ref.....

Additional information not provided elsewhere .....

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<b>4) SPECIFIC EFFECTS OF PROPOSALS</b>	YES/NO	Ref.....
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Additional information not provided elsewhere .....

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5) SPECIFIC RESTORATION PROPOSALS

YES/NO

Ref.....

Additional information not provided elsewhere .....

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**Guidance Notes**

It is recognised that oil and gas developments are also regulated by the system of specific licenses awarded to oil companies through the Secretary of State, which are subject to a number of safeguards, particularly relating to pollution and details of drilling operations. Nevertheless, in planning terms these types of development involve sensitive and complex issues of local concern that need to be considered by the MPA. Applicants are therefore strongly advised to discuss proposals with the MPA prior to submitting this type of application.

It is often helpful especially for oil and gas developments, for matters to be brought together in an environmental assessment of the proposal, which should be submitted at the same time as this application.

Separate Information should be provided for the **Exploration, Appraisal and Production** elements of this type of development as well as the specific effects of the proposals. Guidance on the range and type of information is given below.

**1) Exploration**

- i) Applicants should provide information on the area of exploration (ha)
- ii) The applicant should indicate in brief the methods used for oil and gas exploration including seismic surveys and boreholes. If seismic surveys are to be used then it is accepted that seismic investigation generally involve very limited environmental effects, and in many cases this type of development – particularly involving vibroseis techniques – may be regarded as ‘de minimus’ (i.e. not requiring planning permission).

Good practice requires that applicants notify the MPA as well as district and highway authorities of the proposals. (Operators may also need to inform other statutory bodies such as the water companies and police in relevant circumstances). Information requirements are of the proposed seismic method; and ground vibrations at nearest affected properties (if relevant).

If seismic methods are used then it is also generally good practice to notify the MPA of the route of the survey. This may best be illustrated by using plans and diagrams.

- iii) If seismic methods are used which require blasting then the applicants should provide information on the depth of charge and maximum instantaneous charge. Information should also be given relating to the proposed maximum and average number of blasts per day and ground vibrations at nearest affected properties.
- iv) If seismic methods are to be used as a method of exploration then the criteria used for selecting the borehole sites should be provided. The drilling of deep boreholes for exploration purposes requires an application to be made and restoration plan proposals prepared and submitted with the application. In submitting an application for borehole development, the applicant should provide information relating to the equipment to be used, the expected number and depth of boreholes; and the disposal methods for drilling wastes.

- v) In all cases, applicants should provide details of the duration of operations including anticipated start dates and likely completion dates.

**Applicants should also refer to GUIDANCE NOTES FOR COMPLETING THE APPLICATION FORM, Question 5 for details of plans to be submitted, and list these on the main application form**

## **2) Appraisal**

- i) Applications for appraisal should include details of the appraisal site area, and the likely extent of the field (if known).
- ii) Information should be provided on the methods and equipment to be used in the appraisal. If there is any information of relevance gained from seismic investigations, then this should also be provided.
- iii) Detailed information should be provided for boreholes including the number and depth of boreholes, the criteria for selecting borehole locations (using exploration findings as relevant) and their location. This is best shown on a plan. In all cases, applicants should provide details of the duration of operations including anticipated start dates and likely completion dates.

## **3) Production**

- i) Applications should provide details of the production site area. This may best be done using a location plan.
- ii) Details of equipment to be used in production should be given.
- iii) Anticipated volumes of oil and gas extracted should be given including total volume anticipated from the field and maximum barrels per annum.
- iv) The location of processing plant should be given. Information should also include the location of any existing or proposed off-site processing / storage and gathering facilities. In addition, the nature of any on-site processing / storage and gathering facilities should be given, with anticipated capacity for the plant.
- v) Methods of transporting oil and / or gas from well(s) to the gathering, processing and storage facilities should be given. This should include the mode of transport also e.g. piped. In all cases, applicants should provide details of the duration of operations including anticipated start dates and likely completion dates.

## **4) Effects of Proposals**

Applicants should also summarise other on-site works associated with the proposed development or designed to protect the environment. These could include:

- Oil spill contingency plans and measures for the protection of surface and ground water.
- Methods taken to prevent air pollution by gases.
- Methods taken to prevent noise pollution.
- Methods used to dispose of drilling wastes and other wastes arising (including the anticipated location of disposal facilities).

In all cases, applicants should provide details of the duration of operations including anticipated start dates and likely completion dates.

## **5) Restoration and Aftercare**

Applicants should complete checklist G, and should also take account of the following: The restoration of sites following unsuccessful exploration drilling should present few difficulties and should normally be undertaken immediately or as soon as possible after drilling has ceased.

In the case of appraisal and production sites, a comprehensive restoration and aftercare scheme should be submitted with this application.

For sites containing processing facilities, applicants should demonstrate that the design of plant allows its straightforward removal at the end of the permitted period. Applicants should note that the MPA may also require additional safeguards through planning obligations to ensure this removal takes place.

In all cases, applicants should provide details of the duration of operations including anticipated start dates and likely completion dates.



**CHECKLIST K: BENEFITS OF THE DEVELOPMENT (OPTIONAL)**

		<b>Information Provided</b>	<b>Document/Section/Page Number</b>
i)	Employment	YES/NO	Ref.....
ii)	Commercial benefits to the Operator	YES/NO	Ref.....
iii)	Meeting policy requirements / need	YES/NO	Ref.....
iv)	Other benefits	YES/NO	Ref.....

Additional information not provided elsewhere .....

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**Guidance Notes**

This is an opportunity for you to highlight the benefits of the proposed development to the MPA. Minerals and waste developments invariably have some environmental effects and it is therefore often necessary to take account of economic and employment factors in assessing proposals.

Minerals or waste development may also be needed to meet a specific requirement identified through policy and guidelines, or to achieve a particular after use on development or off the site.

For example, applicants may wish to draw to the attention of the MPA the number of jobs created or retained by the proposals; give details of the market for the mineral product; or bring to the attention of the MPA other benefits you consider the proposal offers.

In all cases, applicants should provide details of the duration of operations including anticipated start dates and likely completion dates.

**4.0 PLANS, DRAWINGS AND OTHER SUPPORTING MATERIAL**

**4.1 List here the plans and drawings submitted with the application.** (See guidance notes for the drawings which are required or would be advisable)

Plan Title	Plan Reference	Plan Scale

**4.2 Is an Environmental Statement attached with this application?**  
 YES  NO

**4.3 If NO has a screening option been sought, and the correspondence attached to this application**  
 YES  NO

**4.3 If an Environmental Statement is not mandatory but has been submitted, is the applicant willing to make copies of the application documents, including the Environmental Statement?**  
 YES  NO

If YES, please provide the address where information can be inspected, and the price of the Environmental Statement if available for purchase.

**Address**

.....  
 .....  
 .....  
 .....  
 .....

Purchase Price £.....  
 Postage & Packing £.....

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**5.0 VOLUNTARY AGREEMENTS/PLANNING OBLIGATIONS**

Is any outline or draft agreement included with this application?

YES  NO

If YES, summarise the purpose of the agreement below

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**6. DECLARATION**

I / we hereby apply for planning permission / consent as described in this form and the accompanying plans and drawings.

**Signed** .....

**Acting as agent for** .....  
(if applicable)

**Date** .....