

Appendix I

Review of Ecological and Nature Conservation Information

Introduction

A1.1 This review is based on the following documents:

- i) AWE Aldermaston
Ecology Audit and Management Plan
WS Atkins Environment (October 2001)
- ii) Biodiversity Action Plan
Aldermaston Site
Draft (16 September 2003)
- iii) Report on the tree population within a proposed development area at the Atomic Weapons Establishment, Aldermaston
Revision 1
G Causey and F Critchley for WS Atkins (10 October 2003)
- iv) AWE Aldermaston
North Ponds – Great Crested Newt Monitoring
North Ponds Ecological Management Plan
(Draft 01 (January 2004))
- v) AWE Aldermaston
Ecological Constraints Report
WS Atkins Environment (15 January 2004)
- vi) AWE Aldermaston
Ecological Walkover
WS Atkins (19 April 2004)
- vii) AWE Biodiversity Action Plan
Baseline Ecological Surveys 2005-2006
Atkins Environment/Bristol Ecology
- viii) AWE Burghfield
Building Developments
Ecological Issues
(Undated note)
- ix) AEW Burghfield
Development for Assembly
Scoping Study
Ecological Issues
(Undated note)

x) AWE Burghfield
Ecological Constraints Report
Atkins Environment (February 2004)

A1.2 The purpose of this review is, in the context of ecology and nature conservation, to:

- Identify environmental protection objectives
- Propose indicators
- Identify requirements for collection of baseline data

**AWE Aldermaston
Ecology Audit and Management Plan
WS Atkins Environment (October 2001)**

A1.3 This report was produced as part of the requirements for ISO14001 certification. It draws together existing information from the Site Conservation Dossier, and information on sites of nature conservation interest outside the AWE site. The report was written in the context of UK and international law, and national and local Biodiversity Action Plans. Key habitats and species present on the site, or potentially present, are identified.

A1.4 The following sources were consulted:

English Nature

RSPB

Royal Borough of Windsor and Maidenhead

Wildlife Trusts

AWE Conservation Dossier

AWE Conservation Group members

A1.5 A Phase I Habitat Survey was carried out over the period 26-28th August 2001 where access was possible. NVC was carried out of habitats of particular interest. Plans were not provided with the copy of the report for review.

A1.6 The notable habitats and species referred to in this report and other reviewed below are set out in the attached table.

**Biodiversity Action Plan
Aldermaston Site
Draft (16 September 2003)**

A1.7 This Draft BAP for the Aldermaston site identifies UK BAP species present on the site, as well as others considered important to the site, for which site specific species action plans were to be written. These are listed in the attached table.

Report on the tree population within a proposed development area at the Atomic Weapons Establishment, Aldermaston

Revision 1

G Causey and F Critchley for WS Atkins (10 October 2003)

- A1.8 This is a detailed report on the trees on and adjacent to 'the development area' at Aldermaston. A detailed schedule of trees is provided and the most significant trees referred to in the text. These include a mature English oak which should be classified as a 'veteran tree' of 'extremely high landscape, ecological and historic value.'

AWE Aldermaston

North Ponds – Great Crested Newt Monitoring

North Ponds Ecological Management Plan

(Draft 01 (January 2004))

- A1.9 This Management Plan was prepared to fulfil commitments under a Defra licence for the removal of Great crested newts to allow remedial works to the retaining wall of Pond 2 to proceed. As well as Great crested newt (small population), the ponds support medium breeding populations of Smooth newt and Palmate newt. In addition to these species the report refers to previous records of Common frog and Common toad at the ponds. The report also refers to the presence off Adder, Grass snake and Slow worm at the Site Tip, and to evidence of badger activity and the presence of veteran trees of potential value to roosting bats.

- A1.10 The report sets out management objectives and prescriptions aimed at restoring and maintaining the value of the North Pond habitats for the amphibian species present.

AWE Aldermaston

Ecological Constraints Report

WS Atkins Environment (15 January 2004)

- A1.11 The report refers to the Ecology Audit and Management Plan (referred to above) and the need to update some of the information therein, and to present the ecological data in a readily accessible format to identify potential conflicts with development proposals.

- A1.12 The purpose of this report was to provide an ecological assessment of AWE Aldermaston with the aim of identifying protected and noteworthy species and habitats that could potentially act as a constraint to future operations. The information is started to be presented using a GIS.

- A1.13 The report states that the GIS ecological constraints map should not be seen as a comprehensive inventory of wildlife. More records would be added to the GIS as they come to light.

- A1.14 The AWE Conservation Group was consulted in 2001 to obtain records of protected and noteworthy species and habitats within AWE Aldermaston. Many of the records were included in AWE Aldermaston's Site Conservation Dossier. Information was also obtained on Sites of Nature

Conservation Interest in close proximity to AWE Aldermaston. WS Atkins has continued to liaise closely with the AWE Conservation Group regarding new wildlife records.

- A1.15 A Phase I Habitat Survey was carried out over most of the site in August 2001. B and H areas, which have restricted access, were surveyed in August and November 2003. Surveys of amphibians, reptiles, bats and badgers have also been undertaken.
- A1.16 The report includes a table setting out the conservation/legal status and distribution of protected and noteworthy species and habitats within AWE Aldermaston, and suggesting actions that should be taken relating to these species and habitats. The habitats and species identified are:

Lowland heath
Semi-improved grassland
Badger
Bats - Brown long-eared
- Pipistrelle
Water shrew
Woodlark
Little ringed plover
Black redstart
Lapwing
Adder
Grass snake
Slowworm
Common lizard
Great crested newt
Stag beetle
Solomon's seal
Bluebell
Green winged orchid
Early purple orchid
Pyramidal orchid
Bee orchid
Common spotted orchid
Adder's tongue fern

- A1.17 Many of the wildlife records are stated to be anecdotal and needing verification.

**AWE Aldermaston
Ecological Walkover
WS Atkins (19 April 2004)**

- A1.18 This is a report of a brief walkover survey of an area of land at Aldermaston carried out on 30 March 2004, the purpose of which was to assess the potential of the area for supporting protected species and to provide a brief overview of the ecological value of the site. Recommendations for further surveys which were thought necessary in order to gain a clearer picture of the ecology of the site were also made.

A1.19 Plant species lists for 40 locations within the site are appended to the report. The site was started to comprise two areas, the first being grassland surrounded by scrub and some mature trees, and the second ancient semi-natural woodland.

A1.20 The area surveyed is reported to have potential for the following species:

Dormouse

Reptiles

Stag beetles (and other invertebrates)

Breeding birds (including woodpeckers)

Bats

Woodland flora

Lower plants (fungi, bryophytes etc)

AWE Biodiversity Action Plan

Baseline Ecological Surveys 2005-2006

Atkins Environment/Bristol Ecology

A1.31 The 'Project Background' explains that a variety of habitats ands species of conservation value have been recorded at land holdings managed by AWE plc at Aldermaston, Burghfield and Blacknest. The draft Biodiversity Action Plan for the Aldermaston site identifies 20 species considered to be priorities for conservation at that site. Further studies are required to develop the plan further and to extend it the other two sites.

A1.32 The document sets out the work to be carried out over the period 2005-2006 to further the BAP. This comprises:

- i) Consultation with the AWE Conservation Group to obtain any new records of protected and noteworthy species at all AWE sites;
- ii) Consultation with local recorders and the MoD Conservation Group as required;
- iii) Review of existing Phase I habitat maps to identify survey areas;
- iv) Phase I Habitat Survey of Blacknest;
- v) Review of management regimes for areas of heathland and species-rich grassland;
- vi) Detailed botanical surveys of grassland, heathland and woodland sites;
- vii) Detailed surveys of the four plant species identify as Priority in the AWE Aldermaston draft BAP (Adder's tongue fern, yellow loosestrife, bee orchid and green-winged orchid);
- viii) Breeding bird survey over 4 visits at AWE Aldermaston in 2005 concentrated in habitats considered to be suitable for woodlark, black redstart and little ringed plover;

- ix) Review of Phase 1 habitat maps for all 3 sites to identify suitable areas for invertebrate transects. Invertebrate survey over 4 visits June to September. Survey effort to focus on six invertebrate species identified as Priority species at AWE sites. These are Emperor moth, Glow worm, Scarlet tiger moth, Small copper butterfly, Yellow meadow ant and Stag beetle. Incidental records of other species would be noted;
- x) Bat surveys of buildings prior to any major maintenance or clearance, and of mature oaks that appear to offer roosting opportunities;
- xi) Check for badgers at Blacknest when carrying out the Phase 1 Habitat Survey;
- xii) Survey of Burghfield Brook for Water vole;
- xiii) Reptile survey of the Site Tip using mats to be checked on an ad hoc basis;
- xiv) Continued monitoring of Great crested newt in the North Ponds and survey of the pond to the east of Lady's Lake to confirm if the species is present

A1.33 Breeding bird surveys are recommended at Burghfield and Blacknest for 2006.

**AWE Burghfield
Building Developments
Ecological Issues
(Undated note)**

- A1.34 This report appears to date from Spring 2003. There is reference to a visit to Burghfield on 25th February and a meeting with the Conservation Group on 6th March 2003. The purpose of the visit was to assess the potential ecological issues associated with a number of minor development proposals.
- A1.35 Ecological interests referred to within the site are species-rich grassland and occasional old oaks. The Burghfield Brook, in a realigned channel, is stated to be of interest for associated species including dragon- and damselflies, areas of species-rich grassland with cowslips and orchids, and a number of bird species.
- A1.36 Most of the report refers to inspections of specific buildings and the issues identified include evidence of breeding birds and some low potential for bats

**AWE Burghfield
Development for Assembly
Scoping Study
Ecological Issues
(Undated note)**

- A1.37 This report was produced at the same time as the preceding one and refers to the same site visit and meeting with the Conservation Group. The site comprised an area of open mown neutral grassland,

AWE

much of it apparently species-poor, with three earth-embanked bunkers generally supporting a greater number of herb species. To the west of the bunkers was a former magazine building. An area in the north western corner of the site is managed for its colony of common spotted orchids

- A1.38 Closer inspection of the bunkers would be required to confirm use by bats, or in some cases breeding birds. The report notes that the status of bats at the Burghfield site is not clear and hence summer surveys of activity using bat detectors are proposed

**AWE Burghfield
Ecological Constraints Report
Atkins Environment (February 2004)**

- A1.39 The purpose of this report was to provide an ecological assessment of AWE Burghfield with the aim of identifying protected and noteworthy species and habitats that could potentially act as a constraint to future operations. The information is stated to be presented as a GIS ecological constraints map. No copy of the map was attached to the review copy of the report.

- A1.40 The report was based on consultation with AWE Burghfield Conservation Group in 2003, a Phase I Habitat Survey over most of the site in August 2003, and water vole surveys along two sections of the Burghfield Brook.

- A1.41 A plant species list from the Phase I Survey is appended to the report. A table of noteworthy fauna recorded from the Phase I survey and identified through consultation is included in the report.

- A1.42 The most noteworthy habitats were:

**Semi-improved grassland
Dry dwarf shrub heath**

- A1.43 Many of the records of species are anecdotal and incidental records only. In some cases, e.g. peregrine and red kite, there is no evidence that they have any particular association with the site.

Environmental Protection Objectives

- A1.44 The following draft objectives are suggested for habitats:

Retain, manage and extend the area of heathland

Retain and manage the existing area of ancient woodland

Retain and manage the existing area of semi-improved grassland

Retain and manage the existing areas of open water

- A1.45 The draft objectives for species should follow the framework established by the AWE BAP. Objectives should be developed for those species already identified for the BAP. These are:

Birds:	Black redstart Green woodpecker Kingfisher Little ringed plover Woodlark Lapwing
Flora:	Adder's tongue fern Bee orchid Cowslip Green-winged orchid Yellow loosestrife
Invertebrates:	Emperor moth Glow worm Scarlet tiger moth Small copper butterfly Stag beetle Yellow meadow ant
Mammals:	Bat species Badger
Amphibians/Reptiles:	Adder Great crested newt

Proposed Indicators

- A1.46 The indicators should be the areas and condition of the habitats suggested above, which would form part of the Environmental Protection Objectives, and the distribution and populations of the species suggested.

Baseline Data

- A1.47 Much of the past data collection has relied on the efforts of volunteers. These data, together with the Phase 1 Habitat Surveys, form a basis for the description of the ecological baseline of the sites and identify the main features of interest. However, in order to take the SSA forward, it is necessary to initiate systematic surveys of the sites and the programme set out in the 2005-2006 AWE Biodiversity Action Plan: Baseline Ecological Surveys provides a good basis.
- A1.48 In addition to the surveys proposed, we would recommend that a dormouse survey is undertaken. This would comprise a nut search for signs of dormouse feeding over the autumn and winter, and, if considered appropriate, deployment of dormouse nest tubes next spring through summer and autumn.

Tables of Protected and Otherwise Notable Species, and Notable Habitats

A1.49 These tables are based on a review of the following documents:

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Atkins Environment (February 2004)

A1.50 The conservation status of the habitats and species are indicated in the tables. Where there is no entry in the status column, these are species indicated in the various reports as being of interest in the contexts of AWE.

A1.51 Where species are subject to legal protection under e.g. the Habitats Regulations or Wildlife and Countryside Act, this has particular implications for development or other works that may affect them.

AWE Aldermaston

Species/habitat	Status	Referred to in:
Ponds	UKBAP Local BAP,	i)
Lowland heathland	EC Habitats Directive Annex I UK BAP Defra S 74 CROW List UKBAP Local BAP,	i), v)
Semi-improved grassland neutral	UKBAP Local BAP,	i), v)
Ancient Woodland		i), vi)
Great crested newt	EC Habitats Directive Annexes II and IV Wildlife and Countryside Act Schedule 5 UK BAP Defra S 74 CROW List	i), ii), iv), v)
Smooth newt	Wildlife and Countryside Act Schedule 5 (partial protection – trade only)	iv)
Palmane newt	Wildlife and Countryside Act Schedule 5 (partial protection – trade only)	iv)
Common frog	Wildlife and Countryside Act Schedule 5 (partial protection – trade only)	iv)
Common toad	Wildlife and Countryside Act Schedule 5 (partial protection – trade only)	iv)
Adder	Wildlife and Countryside Act Schedule 5 (Partial protection – intentional killing and injuring or trade)	i), ii), iv), v)
Grass snake	Wildlife and Countryside Act Schedule 5 (Partial protection – intentional killing and injuring or trade)	iv), v)
Slow worm	Wildlife and Countryside Act Schedule 5 (Partial protection – intentional killing and injuring or trade)	iv), v)
Common lizard	Wildlife and Countryside Act Schedule 5 (Partial protection – intentional killing and injuring or trade)	v)
Woodlark	EC Birds Directive Annex I Wildlife and Countryside Act Schedule 1 UK BAP Red List	i), ii), v)
Green woodpecker	Amber List	i), ii)
Great spotted woodpecker		i)
Marsh tit	Red List	i)
Lapwing	Amber List	ii), v)

Black redstart	Wildlife and Countryside Act Schedule 1 Amber List	i), ii), v)
Little ringed plover	Wildlife and Countryside Act Schedule 1	i), ii), v)
Song thrush	UKBAP Red List	i)
Linnet	UKBAP Red List	i)
Skylark	UKBAP Red List	i)
Kingfisher	EC Birds Directive Schedule 1 Wildlife and Countryside Act Schedule 1 Amber List	i), ii)
Snipe	Amber List	i)
Bullfinch	Red List	i)
Badger	Protection of Badgers Act 1992	i), ii), iv), v)
Bats (unspecified)	EC Habitats Directive Annexes II and IV Wildlife and Countryside Act Schedule 5	i), ii), iv), v)
Pipistrelle	EC Habitats Directive Annexes II and IV Wildlife and Countryside Act Schedule 5 UK BAP	v), vii)
Brown long-eared	EC Habitats Directive Annexes II and IV Wildlife and Countryside Act Schedule 5	v), vii)
Water shrew		v)
Stag Beetle	EC Habitats Directive Annexes II Wildlife and Countryside Act Schedule 5 (partial protection – sale only) UKBAP	i), ii), v)
Yellow meadow ant		i), ii)
Glow worm		i), ii)
Bog bush cricket		i)
Emperor moth		ii)
Scarlet tiger moth		ii)
Small copper butterfly		ii)
Solomon's seal		v)
Bluebell	Wildlife and Countryside Act Schedule 8 Partial protection against sale under Section 13	v)
Green winged orchid		i), ii), v), vi)
Bee orchid		i), ii), v)
Pyramidal orchid		i), v), vi)

Common spotted orchid	i), v)
Early purple orchid	v), vi)
Violet helleborine	v)
Adder's tongue fern	f), ii), v)
Yellow loosestrife	i), ii)
Cowslip	ii)
English oak (veteran tree)	iii), iv)

Potential but not recorded:

Nightjar

Silver studded blue

AWE Burghfield

Species/habitat	Status	Referred to in:
Habitats		
Semi-improved neutral grassland	UKBAP Local BAP,	ix)
Lowland heath	EC Habitats Directive Annex I UK BAP Defra S 74 CROW List Local BAP, UKBAP	ix)
Reptiles		
Grass snake	Wildlife and Countryside Act Schedule 5 (Partial protection – intentional killing and injuring or trade)	ix)
Amphibians		
Smooth newt	Wildlife and Countryside Act Schedule 5 (Partial protection – intentional killing and injuring or trade)	ix)
Birds		
Grey partridge	UKBAP Red List	ix)
Linnet	UKBAP Red List	ix)
Nightingale	Amber List	ix)
Nightjar	Wildlife and Countryside Act Schedule I UKBAP Red List	ix)
Peregrine	EC Birds Directive Schedule I Wildlife and Countryside Act Schedule I Amber List	ix)
Red kite	Wildlife and Countryside Act Schedule I Amber List	ix)
Barn owl	Wildlife and Countryside Act Schedule I Amber List	ix)
Little owl		ix)
Tawny owl		ix)
Mammals		
Water voles (anecdotal records)	UKBAP	ix)
Bats (unspecified)	EC Habitats Directive Annexes II and IV Wildlife and Countryside Act Schedule 5	ix)
Plants		
Cowslips		ix)
Bee orchids		ix)
Grass vetchling		ix)
Common spotted orchids		viii), ix)
Common tway blade		ix)

Wasp orchid (not confirmed)		ix)
Adder's tongue fern		ix)

Potential for:

Adder
Slow worm
Common lizard

Appendix 2

Checklists for Sustainability Appraisal

CHECKLIST FOR THEME A: CLIMATE CHANGE AND AIR QUALITY
Overall objective: Minimise greenhouse gas emissions and pollution of air with gases and particulates.

POTENTIAL ISSUES	IMPACT			COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no		
Change in level of CFC/HFC usage		✓		Air conditioning – new design improvements. Architectural Design Principles are being redrafted	Incorporate within Architectural Design Principles
Change in amount of dust produced by e.g. firing, off-road driving or construction			✓	Dust arising during demolition/construction AWE Construction Site Rules (CSR) incorporates some management measures.	Develop CSR into Code of Construction Practice and incorporate dust control measures
Change in amount of waste incineration or other combustion activities			✓	Burning ground – used for explosive material. No change	No action required
Change in reliance on fossil fuels for energy generation or vehicle use			✓	Travel initiatives – reduction in car travel to and within the site Change from steam heating to individual building gas supply – modernising heating system. AWE currently drafting Energy Strategy (March 2006)	Transport Assessment required to inform Transport Strategy Energy Strategy to be implemented and integrated into EMS
Change in production of atmospheric pollutants from industrial processes			✓	Combustion process, non-ferrous metal production and carbon burning under IPPC. Same processes continuing, within enhanced facilities. No change in intensity of activity.	IPPC authorisation as part of new facilities (will need BAT to be demonstrated)
Change in type and firing intensity of weapons or explosives			✓	R&D of explosive materials will not change.	No action required
Change in indoor air quality due to different layout or materials		✓		Sick Building Syndrome – replacement of existing facilities, with design improvements	Incorporate within Architectural Design Principles
Other climate change or air quality issues			✓	Currently monitor of radioactive wastes – no change in process. RSA licence review (2005/6) should lead to reduction in discharges.	Continue Monitoring. Incorporate in RSA review

PRIORITY ACTIONS AND RESOURCES REQUIRED				
Architectural Design Principles	Code of Construction Practice	Transport Strategy	Energy Strategy (EMS)	IPPC/RSA Authorisations/Review
SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E

STAKEHOLDERS CONSULTED AND REFERENCES USED

See list of references at end of report

CHECKLIST FOR THEME B: TRAVEL AND TRANSPORT

Overall objective: *Minimise amounts of travelling required, particularly via roads and private cars.*

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no	-ve		
Change in fuel efficiency and emission levels from vehicles		✓			No change in types of vehicles visiting the site LPG/electric buses on site	Transport Strategy
Change in volume of commuting or travelling to clients and facilities.		✓			More people therefore more vehicles. Commitments in Transport Strategy to reduce single occupancy vehicles (through car sharing, bus travel, improved walking/cycling links and adoption of flexible working).	Effective implementation of the Transport Strategy
Change in amount of vehicle use in training exercises	✓				Not applicable	Not applicable
Change in freight distance covered if engaging with different suppliers or procuring/disposing of different quantities.				✓	Construction material suppliers. Increase in quantities of materials with increase in number of staff. Aspiration to produce EMS Procurement Strategy	Construction Logistics Strategy EMS Procurement Strategy
Change in transport mode for commuting or travelling to clients or facilities		✓			Commitments within Transport Strategy, including onsite bus travel.	Effective implementation of the Transport Strategy
Change in levels of congestion on local roads or at access points.		✓			More vehicles entering the site. Commitments in Transport Strategy to change to access points in order to reduce congestion	New Access/Gate Strategy as part of Transport Strategy
Other travel and transport issues				✓	Construction traffic	Construction Logistics Strategy

STAKEHOLDERS CONSULTED AND REFERENCES USED				
See list of references at end of report				

SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E
		✓		

PRIORITY ACTIONS AND RESOURCES REQUIRED				
Transport Strategy to include Transport Assessment and Travel Plan Construction Logistics Strategy EMS Procurement Strategy				

CHECKLIST FOR THEME C: ENERGY CONSUMPTION

Overall objective: *Minimise total energy consumption and support the use of renewable energy rather than fossil fuel sources.*

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no	-ve		
Change in number of energy consuming personnel on site				✓	More staff – Increase in energy demand	Architectural Design Principles Energy Awareness through EMS
Change in number of energy consuming buildings or processes on site		✓			Energy inefficient buildings will be replaced with more modern facilities which take into account tighter building regulations and the EU energy performance of buildings directive	BREEAM Assessments to be undertaken to ensure 'very good rating' should be achieved on new and refurbishments
Change in amount of energy saving technology installed in facilities		✓			Modernising heating system and more energy efficient buildings - AWE currently drafting Energy Strategy (March 2006) Aspiration to achieve BREEAM 'excellent' rating on new build. Architectural Design Principles are being redrafted	Energy Strategy to be implemented and integrated into EMS Incorporate into Architectural Design Principles (BREEAM Assessment)
Change in balance of renewable/non-renewable energy used			✓		AWE currently drafting Energy Strategy (March 2006)	Incorporate Renewable Energy opportunities into Energy Strategy/Architectural Design Principles
Change in opportunity to explore generation of renewable energy			✓		AWE currently drafting Energy Strategy (March 2006)	Incorporate Renewable Energy opportunities into Energy Strategy/Architectural Design Principles
Change in opportunity to generate CHP			✓		Feasibility of CHP has been explored.	Further exploration of CHP opportunities
Change in through-life energy use of equipment		✓			Embodied energy within construction materials specified.	Architectural Design Principles
Other energy issues						

STAKEHOLDERS CONSULTED AND REFERENCES USED

See list of references at end of report

SUSTAINABILITY SCORE FOR THIS THEME

A	B	C	D	E
	✓			

PRIORITY ACTIONS AND RESOURCES REQUIRED

Architectural Design Principles (BREEAM Assessment)
Energy Strategy
Further exploration of Renewable Energy/CHP opportunities

CHECKLIST FOR THEME D: NOISE AND VIBRATION
Overall objective: Minimise disturbance to people and wildlife from noise and vibration.

POTENTIAL ISSUES	IMPACT			COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	-ve		
Change in intensity, duration or timing of training activities - effects on people and wildlife	✓			Not applicable	Not applicable
Change in type of vehicle or weapons used	✓			Not applicable	Not applicable
Change in volume and timing of heavy vehicles on roads, particularly through communities or near historic buildings		✓		Construction vehicles on local roads	Construction Logistics Plan
Change in noise and vibration from demolition and construction activities			✓	Demolition and construction activities AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice and incorporate noise and vibration control measures. Ensure contractors are part of Considerate Constructors Schemes
Changes in recreational use of the estate, e.g. activities such as driving or shooting	✓			Not applicable	Not applicable
Other noise and vibration issues - Noise levels from operation of processes on site			✓	No significant noise at present. No change predicted.	Review/Monitor Noise Report

STAKEHOLDERS CONSULTED

See list of references at end of report

SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E
		✓		

PRIORITY ACTIONS AND RESOURCES REQUIRED

- Construction Logistics Plan
- Code of Construction Practice
- Considerate Constructors Schemes

CHECKLIST FOR THEME E: WATER AND DRAINAGE

Overall objective: *Reduce total water consumption and minimise risks of water pollution and flooding.*

POTENTIAL ISSUES	IMPACT			COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no		
Change in area under hard surfaces, especially near floodplains		✓		Site within catchment of River Kennet and overlying major aquifer Areas in B – increases in hardstanding. Monitor discharges already.	SUDs Plan
Change in sedimentation of watercourses e.g. from driving, dredging, soil erosion or construction run-off			✓	Potential of construction run-off – excavation etc. AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice and incorporate temporary drainage facilities
Change in number of people and processes consuming/abstracting water				More people will lead to increase in water demand. AWE has contractual milestones to reduce water consumption. Already committed to improvements in utilities infrastructure. Result in overall abstraction levels remaining the same or reducing. Architectural Design Principles are being redrafted	Architectural Design Principles to specify water efficient design Water Saving Awareness/Controls through EMS Improvements in utilities infrastructure.
Change in number of people and processes that discharge waste water			✓	More people will lead to greater discharge of water. Already committed to improvements in utilities infrastructure, including foul water system improvements to prevent groundwater ingress	Architectural Design Principles to specify water efficient design Water Saving Awareness/Controls through EMS Improvements in utilities infrastructure.
Change in opportunity to install water-saving measures			✓	Water efficient designs	Architectural Design Principles to specify water efficient design
Change in number or type of potentially polluting activities or processes on site	✓			No change in industrial activities.	No action required.
Other water and drainage issues					

PRIORITY ACTIONS AND RESOURCES REQUIRED				
SUDs	Architectural Design Principles (Achievement of BREEM Excellent)	Code of Construction Practice	EMS	Utilities Strategy

SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E

STAKEHOLDERS CONSULTED AND REFERENCES USED	
See list of references at end of report	

CHECKLIST FOR THEME F(i): WASTE - HAZARDOUS
Overall objective: Reduce waste production and promote reuse, recycling and recovery.

POTENTIAL ISSUES	IMPACT			COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no		
Change in amount of waste produced (by e.g. more people, different materials)		✓	-ve	No change in amount of hazardous waste produced.	No action required
Change in amount of special, controlled, hazardous or radioactive waste produced		✓	-ve	No change in level of intensity of processes therefore no greater volumes. Existing hazardous waste disposal procedures.	Continue to manage hazardous waste to ensure legal compliance
Change in waste quantities from demolition or construction activities		✓	-ve	More construction waste, but reduce/recycle where possible. AWE Construction Site Rules (CSR) incorporates hazardous waste disposal measures.	Develop CSR into Code of Construction Practice and incorporate hazardous waste procedures. Construction Logistics Plan to manage construction traffic
Change in opportunity to procure recycled or re-used items.	✓		-ve	Not applicable (see below)	Not applicable
Change in opportunity to send more waste for re-use or recycling	✓		-ve	Not applicable (see below)	Not applicable
Changes in waste produced through disposal of redundant equipment and materials			✓	Likely to be redundant office equipment as part of decommissioning buildings.	Continue to manage hazardous waste to ensure legal compliance
Other waste issues			-ve		

PRIORITY ACTIONS AND RESOURCES REQUIRED
Code of Construction Practice Construction Logistics Plan

SUSTAINABILITY SCORE FOR THIS THEME
A B C D E

STAKEHOLDERS CONSULTED AND REFERENCES USED
See list of references at end of report

CHECKLIST FOR THEME F(ii): WASTE – NON-HAZARDOUS

Overall objective: *Reduce waste production and promote reuse, recycling and recovery.*

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no	-ve		
Change in amount of waste produced (by e.g. more people, different materials)			✓		More people will lead to production of more waste, but reduce/recycle where possible. Integrated Waste Strategy to be produced (Oct 2006)	Integrated Waste Strategy
Change in amount of special, controlled, hazardous or radioactive waste produced	✓				Not applicable (see above)	Not applicable
Change in waste quantities from demolition or construction activities			✓		More construction waste, but reduce/recycle where possible. AWE Construction Site Rules (CSR) incorporates some waste disposal procedures	Develop CSR into Code of Construction Practice and incorporate waste procedures. Construction Logistics Plan to manage construction traffic
Change in opportunity to procure recycled or re-used items.		✓			Aspiration to produce EMS Procurement Strategy	EMS Procurement Strategy
Change in opportunity to send more waste for re-use or recycling			✓		Integrated Waste Strategy to be produced (Oct 2006) to minimise % of waste to landfill	Integrated Waste Strategy
Changes in waste produced through disposal of redundant equipment and materials				✓	Likely to be redundant office equipment as part of decommissioning buildings.	Integrated Waste Strategy Decommissioning Strategy
Other waste issues						

STAKEHOLDERS CONSULTED AND REFERENCES USED				
See list of references at end of report				

SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E

PRIORITY ACTIONS AND RESOURCES REQUIRED				
Integrated Waste Strategy	Code of Construction Practice	Construction Logistics Plan	EMS Procurement Strategy	Decommissioning Strategy

CHECKLIST FOR THEME G: LAND, BUILDINGS AND CONSTRUCTION MATERIALS

Overall objective: *Minimise expansion onto green sites, explore refurbishment before building afresh, design sustainability features into new buildings and promote recycling of materials.*

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no	-ve		
Opportunity to affect the design and layout of new buildings and facilities		✓			Improved design and layout. Architectural Design Principles being redrafted.	Architectural Design Principles
Change in amount of construction activity			✓		Increase in amount of construction. AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice Construction Logistics Plan to manage construction traffic
Opportunity to refurbish old brownfield facilities rather than build afresh	✓				Refurbishment/Replacement of facilities considered during Option Studies to be incorporated into ADP	Architectural Design Principles
Change in amount of green space developed		✓			Potential loss of Recreational Society facilities and other areas of green space Conversion of built areas to green areas. Overall net gain.	Recreational study to inform future requirements for green space Constraints Plan/Site Development Plan to identify important areas of green space to protect and enhance
Change in use of materials for construction and refurbishment			✓		Use of materials during construction and refurbishment lead by Architectural Design Principles (being redrafted).	Architectural Design Principles
Disposal or procurement of land or buildings			✓		Use of existing facilities offsite as temporary office accommodation, rather than additional temporary facilities on site. Transport impact minimised through Transport Strategy	Transport Strategy Accommodation Strategy
Changes in how land or buildings are used				✓	Major refurbishment and new build, and relationships between buildings – use the space more efficiently and improve connectivity Decommissioning legacy facilities and restoring to green space	Site Development Context Plan Architectural Design Principles
Other land, building and construction issues						

PRIORITY ACTIONS AND RESOURCES REQUIRED	SUSTAINABILITY SCORE FOR THIS THEME				
	A	B	C	D	E
Site Development Context Plan Architectural Design Principles Code of Construction Practice Recreational Study Constraints Plan Accommodation Strategy	✓				

STAKEHOLDERS CONSULTED AND REFERENCES USED
See list of references at end of report

CHECKLIST FOR THEME H (i): GEOLOGY AND SOILS – NATURAL RESOURCES
Overall objective: *Minimise loss and disturbance of soil and substrates.*

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	N/a	+ve	no	-ve		
Change in off-road vehicle use (type, timing or intensity) or firing	✓					
Presence of construction activities (e.g. foundations, piling, pipelines) to cause soil removal or structural instability			✓		Extent of soil removal and impact on geology/soils AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice and incorporate commitment to Cut and Fill Balance
Change in use, type or storage of fuels and other hazardous substances	✓					
Disposal or development of land that has potential to be contaminated	✓					
Generation of surplus soil to be disposed of as waste.			✓		Potential for excess excavated material to be disposed offsite. AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice and incorporate commitment to Cut and Fill Balance Reuse resources, incorporate into Landscape Strategy
Proximity to a geological SSSI	✓				No designations	
Other geology and soil issues						
SUSTAINABILITY SCORE FOR THIS THEME						
		A	B	C	D	E
STAKEHOLDERS CONSULTED AND REFERENCES USED						
See list of references at end of report						
PRIORITY ACTIONS AND RESOURCES REQUIRED						
Commitment to Cut and Fill Balance within Code of Construction Practice Landscape Strategy						

CHECKLIST FOR THEME H (ii): GEOLOGY AND SOILS – CONTAMINATED LAND

Overall objective: Minimise soil contamination risks and remediate previously degraded land.

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	N/a	+ve	no	-ve		
Change in off-road vehicle use (type, timing or intensity) or firing	✓					
Presence of construction activities (e.g. foundations, piling, pipelines) to cause soil removal or structural instability	✓					
Change in use, type or storage of fuels and other hazardous substances			✓		Storage of hazardous substances during construction. AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice and incorporate management of hazardous waste and prevent contamination of spoil
Disposal or development of land that has potential to be contaminated				✓	No disposal of land. Ongoing commitment to identify and remediate contamination on site through Land Quality Assessment work. Legacy of land contamination issues taken into account in SDP for permanent structures and construction compounds and laydown areas.	Land Quality Assessments Site Development Plan Code of Construction Practice to specify constraints re. construction compounds/laydown areas
Generation of surplus soil to be disposed of as waste.				✓		
Proximity to a geological SSSI				✓		
Other geology and soil issues						

STAKEHOLDERS CONSULTED AND REFERENCES USED	PRIORITY ACTIONS AND RESOURCES REQUIRED
	<p>Land Quality Assessments Site Development Plan Code of Construction Practice</p>

CHECKLIST FOR THEME I: BIODIVERSITY AND NATURE CONSERVATION

Overall objective: Seek to protect habitats and species and promote opportunities to enhance and conserve wildlife.

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no	-ve		
Proximity to a designated site (particularly SSSIs, SPA, SAC or Ramsar site)	✓				No designations	Not applicable
Presence of European / Nationally protected or BAP species.			✓		Presence of badgers, great crested newts, adders, black redstarts, little ringed plovers and little owls	Code of Construction Practice to specify protection measures
Change in location, intensity, type or timing of training activities	✓				No training activities involved.	Not applicable
Change in land use or land management practice (including conservation regimes)					Some green space lost and other areas gained – likely to be overall net gain	2005-2006 AWE Biodiversity Action Plan: Baseline Ecological Surveys Constraints Plan/Site Development Plan to identify important areas to protect and enhance from survey information Environmental Management Plan for Eastern Area
Acquisition or disposal of land or property with biodiversity interest	✓				No acquisition or disposal of land or property with biodiversity interest	Not applicable
Change in amount of public access or recreational opportunities	✓				No change that will affect biodiversity	Not applicable
Changes in people and vehicle movement, noise, dust or habitat loss due to construction and engineering projects				✓	Potential impact on protected species if not managed properly. AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice and incorporate ecological management measures. Constraints Plan to identify areas requiring protection.
Other biodiversity and nature conservation issues						

STAKEHOLDERS CONSULTED AND REFERENCES USED				
See list of references at end of report				

SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E

PRIORITY ACTIONS AND RESOURCES REQUIRED				
2005-2006 AWE Biodiversity Action Plan: Baseline Ecological Surveys Constraints Plan Site Development Plan Environmental Management Plan for Eastern Area Code of Construction Practice				

CHECKLIST FOR THEME J: ARCHAEOLOGY AND HISTORIC ENVIRONMENT

Overall objective: *Protect and enhance features of archaeological interest, the historic environment and cultural heritage.*

POTENTIAL ISSUES	IMPACT			COMMENTS ON IMPACT	ACTION REQUIRED
	na	+ve	-ve		
Chance of activity affecting known archaeological or heritage features.			✓	Both archaeological and built heritage features – see Baseline review. Grim's Bank Management Plan.	Site Development Plan to show features as constraints
Chance of activity affecting unknown archaeology or heritage features			✓	Potential for unknown archaeological features at both sites. AWE Construction Site Rules (CSR) incorporates some management measures	Develop CSR into Code of Construction Practice and incorporate archaeological investigations prior to construction
Change in intensity of training near archaeology or historic buildings (e.g. driving, firing, digging, noise, vibration)	✓				
Change in intensity of construction or engineering works			✓	Construction activities potential in vicinity of Roman Road.	Develop CSR into Code of Construction Practice and incorporate archaeological investigations along Roman Road prior to construction
Change in land management regime, e.g. forestry, ploughing, recreation.	✓				
Acquisition or disposal of sites that may have archaeological or heritage features	✓			No acquisition or disposal	
Refurbishment or change of use of historic buildings			✓	Comprehensive report on heritage potential of AWE(A) and AWE(B).	Protection of built heritage either insitu or by record at both sites – to be incorporated into Site Development Plan
Other archaeological and historic environment issues					

SUSTAINABILITY SCORE FOR THIS THEME					PRIORITY ACTIONS AND RESOURCES REQUIRED
A	B	C	D	E	
			✓		Code of Construction Practice Site Development Plan – include Built Heritage and Archaeology Constraints and Protection Measures Commitment to recording and/or preserving important buildings

CHECKLIST FOR THEME K: LANDSCAPE AND TOWNSCAPE

Overall objective: Protect and enhance the character and appeal of landscapes and townscapes.

POTENTIAL ISSUES	IMPACT			COMMENTS ON IMPACT	ACTION REQUIRED
	na	+ve	no		
Change in activity in National Parks, AONBs, National Scenic Areas, Conservation Areas	✓			No designations on site – Aldermaston visible from AONB. Future development should reduce visual impact	Landscape Strategy
Change in land management regime (e.g. tree planting, agriculture)		✓		Planting of landscape features	Landscape Strategy
Construction of new buildings, engineering works or training features			✓	Removal of unsightly buildings particularly from edge of site New buildings, but all quite low therefore no negative landscape impacts. Buildings in centre of site, visibility at edge improved through structural planting	Landscape Strategy
Potential removal of landscape features e.g. walls, hedgerows, woodland, vernacular buildings, landforms.				Trees and other landscape features AWE Construction Site Rules (CSR) incorporates some protection measures.	Landscape Strategy – retention where possible Develop CSR into Code of Construction Practice and include proper identification and protection during construction
Change in the lighting of buildings or sites			✓	New lighting for new buildings and pedestrian access routes. Architectural Design Principles are being redrafted Lighting during construction. AWE Construction Site Rules (CSR) incorporates some measures	Architectural Design Principles Code of Construction Practice
Acquisition or disposal of sites with landscape or townscape value	✓			Portland House – important landscape. No change in activity.	Not applicable
Change in intensity of use of rural areas, affecting tranquillity or "wilderness"	✓			No affect on tranquillity or wildness	Not applicable
Other landscape and townscape issues					
SUSTAINABILITY SCORE FOR THIS THEME					
	A	B	C	D	E
			✓		
STAKEHOLDERS CONSULTED AND REFERENCES USED					
See list of references at end of report					
PRIORITY ACTIONS AND RESOURCES REQUIRED					
Landscape Strategy Architectural Design Principles Code of Construction Practice					

CHECKLIST FOR THEME L: HEALTH, SAFETY AND CRIME

Overall objective: Maximise opportunities to promote healthy, safe and secure environments in which to live and work.

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED
	n/a	+ve	no	-ve		
Change to building or interior layout that could pose crime risks or safety hazards		✓			New buildings designed with highest priority of safety and security	Site and Facility Safety Case
Change in equipment used that could pose health, safety or crime risks		✓			New facilities designed with highest priority of safety and security	Site and Facility Safety Case
Change in processes or activities that may pose health, safety or crime risks			✓		No change in processes carried out	No action required.
Changes in use or storage of substances that may pose health, safety or crime risk			✓		Improved through design	Site and Facility Safety Case
Change in staff numbers or workload that may affect health or stress levels			✓		No change that would affect health or stress levels	No action required.
Influx of new staff that may be unsure of health, safety or security procedures			✓		Increase in number of staff but will follow relevant induction procedures, including construction staff	Appropriate health and safety/security induction procedures for all new staff, including construction
Other health, safety or crime issues						

STAKEHOLDERS CONSULTED AND REFERENCES USED

See list of references at end of report

SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E

PRIORITY ACTIONS AND RESOURCES REQUIRED

Site and Facility Safety Case
Health and Safety/Security Induction Procedures

CHECKLIST FOR THEME M: COMMUNITIES AND SOCIAL VALUES

Overall objective: Promote community development and relationships within MOD and with adjacent populations. Involve communities in decision-making and minimise disturbance.

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED										
	n/a	+ve	no	-ve												
Change in balance of tri-service or civilian personnel	✓				No tri-service personnel on site	Not applicable										
Change in level of disturbance (e.g. traffic congestion, construction, vehicle noise, firing) felt by local communities.				✓	Construction and operation vehicle access	Construction Logistics Plan, including appointment of local liaison officer Cumulative Effects Report Transport Strategy										
Change in opportunity for community consultation on new projects or proposals		✓			Wider consultation than previous because of loss of crown immunity	Stakeholder Consultation Plan										
Expansion or shrinkage of military presence in an area	✓				No military presence	Not applicable										
Change in opportunity for personnel to become involved with community projects			✓		No change – personnel already encouraged to be involved in community projects	Local Liaison Committee (continue)										
Procurement of equipment or materials (consider supplier/producer social ethics)				✓	Local supply networks. Aspiration to produce an EMS Procurement Strategy.	EMS Procurement Strategy										
Other community or social issues																
PRIORITY ACTIONS AND RESOURCES REQUIRED																
Construction Logistics Plan, including appointment of local liaison officer Cumulative Effects Report Transport Strategy Stakeholder Consultation Plan EMS Procurement Strategy Local Liaison Committee																
SUSTAINABILITY SCORE FOR THIS THEME																
STAKEHOLDERS CONSULTED AND REFERENCES USED		<table border="1"> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> </tr> <tr> <td></td> <td></td> <td>✓</td> <td></td> <td></td> </tr> </table>					A	B	C	D	E			✓		
A	B	C	D	E												
		✓														
See list of references at end of report																

CHECKLIST FOR THEME N: INFRASTRUCTURE AND AMENITIES
Overall objective: Maximise opportunities for all sectors of the public to use MOD amenities. Minimise disturbance to local populations when using public facilities.

POTENTIAL ISSUES	IMPACT				COMMENTS ON IMPACT	ACTION REQUIRED														
	n/a	+ve	no	-ve																
Change in numbers of staff and families requiring public amenities off site.			✓		Increase in number of staff, but wide catchment area, therefore impact quite diffuse.	Commitment to "provision of necessary extra supporting infrastructure" (SoS statement, July 2005)														
Change in access to amenities on site by internal staff.			✓		Potential loss of Rec Soc facilities Welfare facilities – shops may be provided onsite Construction welfare facilities to be provided on site	Independent Recreational Study Construction Welfare Facilities Site Development Plan – provision of shops on site														
Change in access to amenities on site by the wider public.				✓	Potential loss of Rec Soc facilities Re-provision off site if necessary	Independent Recreational Study														
Change in opportunity for public access and recreation on the estate		✓			No change	No action required														
Change in access and participation available to people with disabilities		✓			No change	No action required														
Contractorisation or privatisation of amenities, facilities or services		✓			No change – catering and security services already privatised	No action required														
Other infrastructure and amenity issues																				
PRIORITY ACTIONS AND RESOURCES REQUIRED																				
Independent Recreational Study Construction Welfare Facilities Site Development Plan Provision of necessary extra supporting infrastructure																				
SUSTAINABILITY SCORE FOR THIS THEME																				
<table border="1"> <tr> <td>A</td> <td>B</td> <td>C</td> <td style="background-color: yellow;">D</td> <td style="background-color: red;">E</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							A	B	C	D	E					✓				
A	B	C	D	E																
		✓																		
STAKEHOLDERS CONSULTED AND REFERENCES USED																				
See list of references at end of report																				

CHECKLIST FOR THEME O: ECONOMY AND EMPLOYMENT

Overall objective: *Maintain and encourage a diverse and thriving economy, particularly at local and regional level.*

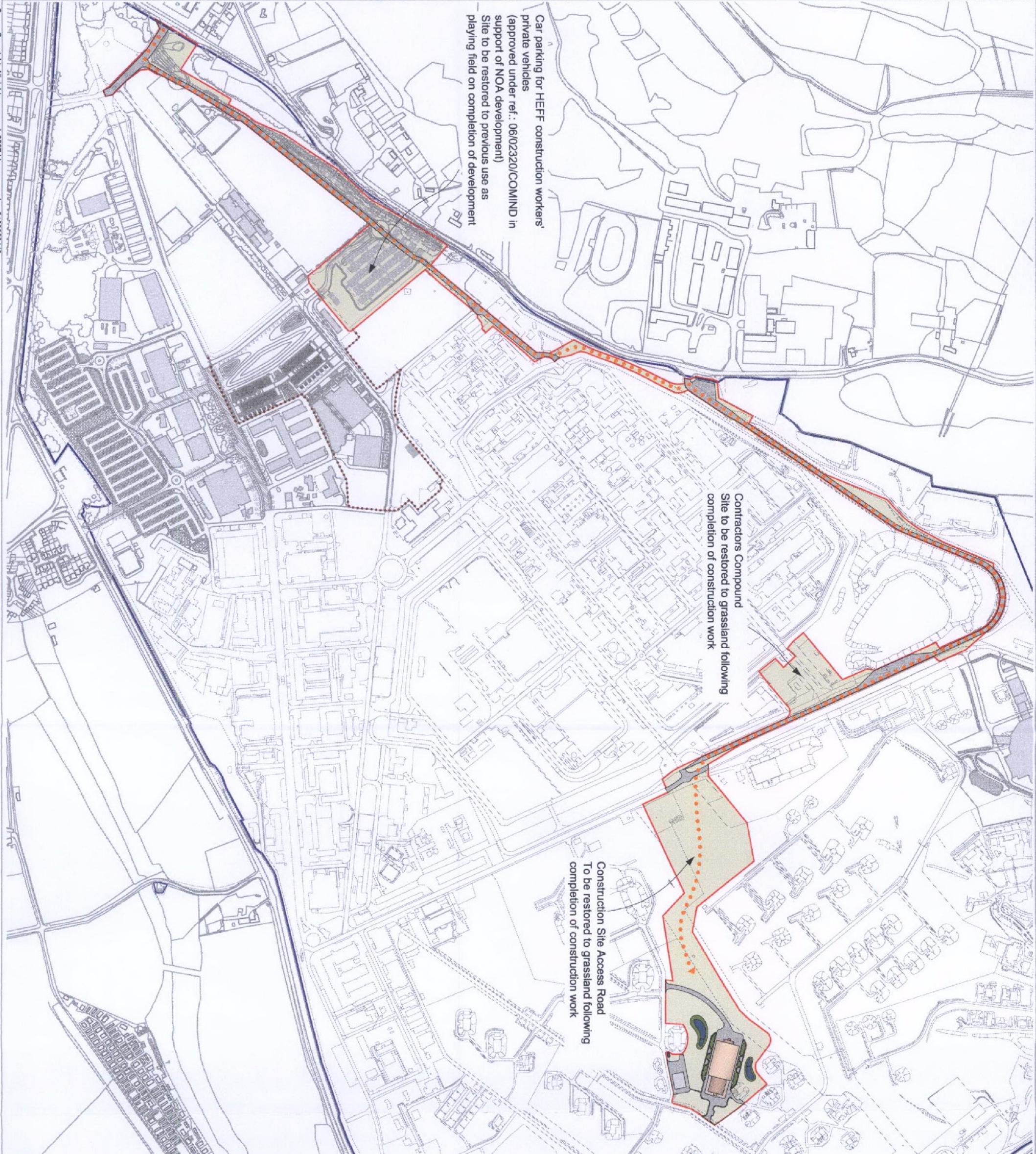
POTENTIAL ISSUES	IMPACT			COMMENTS ON IMPACT	ACTION REQUIRED
	na	+ve	no		
Change in number of Military or civilian jobs in an area (or change in grade profile)		✓		Significant increase in employment on site	Site Development Plan Cumulative Effects – Socio Economic Impact Assessment
Change in numbers of people (who may spend money locally) based in an area		✓		Significant increase in employment on site	Site Development Plan Cumulative Effects – Socio Economic Impact Assessment
Change in amount of equipment or materials procured		✓		Construction mainly, but also operation	Code of Construction Practice
Change in opportunity to procure materials or services locally		✓		Construction mainly, but also operation (assume local procurement strategy)	Code of Construction Practice EMS Procurement Strategy
Change in opportunity to enhance the skills of staff or wider communities		✓		Local labour initiatives during construction	Code of Construction Practice
Change in training activity or land use that may alter livelihood of estate tenants or other commercial users of the estate		✓		No commercial activities on site	Not applicable
Other economy and employment issues					

PRIORITY ACTIONS AND RESOURCES REQUIRED
Site Development Plan
Cumulative Effects – Socio Economic Impact Assessment
Code of Construction Practice
EMS Procurement Strategy

SUSTAINABILITY SCORE FOR THIS THEME				
A	B	C	D	E

STAKEHOLDERS CONSULTED AND REFERENCES USED
See list of references at end of report

C

**Legend**

Application Site

Other land in Applicant's control

RPS
 Suites 55 and 55 Cherry Orchard East, Kembley Park, Swindon SN2 8LQ
 T: 01793 816100 F: 01793 818101 E: rps@rpsgroup.com W: www.rpsgroup.com


Client: AWE
Project: Proposed High Explosives Fabrication Facility
Title: Composite Plan
Date: 08Nov07 **Scale:** NTRS **Original Paper Size:** A3
Drawn: GP **Checked:** NH **Job Ref:** JWR.1136
Drg no.: JWR.1136-102 **Rev.:**



Defence Estates

DIRECTION UNDER REGULATION 4(4)a)(ii) OF THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) (ENGLAND AND WALES) REGULATIONS 1999.

The Secretary of State for Communities and Local Government has considered the application by the Defence Estates Agency within the Ministry of Defence for a Direction under Regulation 4(4)(a)(ii) of the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999 (SI 1999/293) as amended by the Town and Country Planning (Environmental Impact Assessment) (Amendment) Regulations 2006 (SI 2006/3295) (referred to hereafter as the EIA Regulations) in respect of a proposed Consolidated High Explosives Fabrication Facility (HEFF) to be located within the existing developed area at AWE Aldermaston to replace existing facilities which will then be decommissioned and demolished.

Having regard to the information supplied to her, the Secretary of State is satisfied that this Direction is justified because the development forms part of a project serving national defence purposes and in her opinion compliance with these regulations would have an adverse effect on those purposes.

Accordingly, in exercise of the powers conferred on her by Regulation 4(4)(a)(ii) of the EIA Regulations, the Secretary of State hereby directs that the requirements of those Regulations shall not apply to the proposal for a Consolidated High Explosives Fabrication Facility (HEFF) to be located within the existing developed area at AWE Aldermaston.

In accordance with Regulation 4(4)(b) of the EIA Regulations, a copy of this Direction is being sent to the local planning authority for the area, West Berkshire Council.



Parmjit Dhanda MP
Parliamentary Under Secretary of State

14 August 2007