# INFORMATION NOTE


**Number:** IN 02/09

<table>
<thead>
<tr>
<th>Property Directorate Sponsor: Ray Dickinson, DE Prop Env Pol, 94421 2126/0121 3112126</th>
<th>Date of issue: 12th February 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contact if different from Property Directorate Sponsor:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Who Should Read this:</strong> All those involved with development of the estate and activities that have the potential impact on the water environment</td>
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<td><strong>When it takes effect:</strong> Immediately</td>
<td><strong>When it is due to expire:</strong> 31st December 2009</td>
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Document Aim: This Information Note aims to inform and seek MOD views on the potential impacts of the Water Framework Directive – Draft River Basin Management Plans on defence activities.

This Information Note sets out:

- The background of the WFD
- Details of the consultation
- Actions required to respond to the consultation

Further background information on the Water Framework Directive can be found in Information Note 10/08.

**Background**

1. The Water Framework Directive (WFD) is the most substantial piece of EC water legislation to date and is designed to improve and integrate the way water bodies are managed throughout Europe.

2. Water in rivers, estuaries and other wetlands will be improved under measures set out in River Basin Management Plans, drawn up for catchments across the UK under the Water Framework Directive.

**Consultation**

3. Public consultation on the draft River Basin Management Plans is taking place between 22 Dec 08 and 22 Jun 09 and final River Basin Management Plans will be published in Dec 09.

4. The questions posed by the consultation broadly cover four main themes.

   a. Have the objectives for the water environment been defined adequately?
   b. Are the actions to meet these objectives the right ones?
   c. Are there extra actions that should be taken?
   d. Are there any other comments on the plan?

5. Actions proposed cover a wide range of activities on the defence estate including:

   a. Agriculture and rural land management
   b. Angling, fisheries and conservation
   c. Industrial processes
   d. Navigation
   e. Built estate and transport
   f. Water and wastewater

6. A list of actions in the England and Wales River Basin Management Plans specifically referencing defence sites or MOD is attached at Annex A. A map showing the River Basin areas is attached at Annex B.

**Action**

7. To find out more about how the proposals in the draft plans may affect your area of business, full River Basin Management Plans can be accessed through the Environment Agency (EA), Scottish Environment Protection Agency (SEPA) and NI Environment Agency (NIEA) websites.


8. DE Property Directorate will collate the MOD responses for each River Basin. Business areas are requested to submit their comments on any potential impacts of the draft plans for defence activities to Jan Breckons, DE Prop-Env Pol1 by 1 May 2009.
Annex A

Water Framework Directive - Actions to Deliver Objectives

Section C1 Introduction
C2 Agriculture and rural land management
C3 Angling, fisheries and conservation
C4 Central Government
C5 Environment Agency
C6 Industry, manufacturing and other business
C7 Local and regional government
C8 Mining and quarrying
C9 Navigation
C10 Urban and transport
C11 Water Industry

Measures

M1 - Measures already happening. Actions already agreed and funded, which may help to meet the objectives of the WFD

M2 - New measures that will happen. Actions that will happen irrespective of the WFD but which may help to meet the objectives of the WFD. This group mainly covers new actions for Directives on Freshwater Fish, Urban Waste Water Treatment, Habitats, Nitrate

M3a - New measures that may happen - national. Measures for the WFD that only require national decisions

M3b - New measures that may happen - national, RBD targeted. Measures led nationally that require targeting at the water body or catchment scale.

M4 - New measures that may happen - local RBD agreed. New measures specifically for objectives of the WFD that require no national decisions

ANGLIAN RBD

Priority Hazardous substances, Priority substances and specific pollutants

LOCALLY DERIVED MEASURE: chalk aquifer. Process Industry Regulation (PIR) and Industry Pollution Prevention & Control (IPPC)workshops to educate impacts of industry on the groundwater environment

Environment Agency, Local Authority and MOD

Reduction in pollution

C4

C

36

Priority Hazardous substances, Priority substances and specific pollutants, nutrients, organic pollutants

LOCALLY DERIVED MEASURE: Identification and resolution of point source pollution from RAF and USAAF military bases.

Environment agency and MOD

Reduction in pollution

C4

C

36

Priority Hazardous substances, Priority substances and specific pollutants

LOCALLY DERIVED MEASURE: chalk aquifer. Process Industry Regulation (PIR) and Industry Pollution Prevention & Control (IPPC)workshops to educate impacts of industry on the groundwater environment

Environment Agency, Local Authority and MOD

Reduction in pollution

C4

C

64

Priority Hazardous substances, Priority substances and specific pollutants, nutrients, organic pollutants

LOCALLY DERIVED MEASURE: Identification and resolution of point source pollution from RAF and USAAF military bases.

Environment agency and MOD

Reduction in pollution

C5

C

55

Organic pollutants, Priority Hazardous Substances, Priority Substances and specific pollutants

LOCALLY DERIVED MEASURE: RAF/USAAF bases - often large areas which cause pollution, but only after they have and after the land has been sold does the extent of the contamination come to light - need strong powers to comply with legislation

Environment Agency

Reduction in pollution

C6

C

62

Nutrients

Improvement of polluting discharge (continuous) at lot of names sites - including ‘Wyton (ex RAF)’

Environment Agency

Reduction in pollution

C11

A

100
### DEE RBD

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<thead>
<tr>
<th>Pressure</th>
<th>What will happen</th>
<th>Where will it happen</th>
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### HUMBER RBD

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<tbody>
<tr>
<td>Ammonia</td>
<td>Improvement to 1 water company assets (STW) in the Louth Grimsby and Ancholme catchment to ensure no deterioration in river water quality as a result of increase in consented discharge volume</td>
<td>Faldingworth (ex MOD) STW</td>
<td>2014</td>
<td>WRA 1991 discharge consent</td>
<td>Anglian Water</td>
<td>Flow 1 - improvements under revised flow policy</td>
<td>C11</td>
<td>A</td>
<td>132</td>
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<tr>
<td>Abstraction</td>
<td>Reduction of waste and leakage and promotion of water efficient fittings at institutional and commercial properties</td>
<td>Severn Trent Water are considering water audits, appliance retrofit in social housing, institutional and commercial properties</td>
<td>2008</td>
<td></td>
<td>OGC and facilities managers across the government estate (Watermark), Carbon Trust, Envirowise</td>
<td>WFD - basic measure (Art 11.3C)</td>
<td>C11</td>
<td>A</td>
<td>129</td>
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### Senver RBD

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<th>Scenario</th>
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</thead>
<tbody>
<tr>
<td>Nutrients, organic pollutants, sediments, abstraction and other artificial flow pressures, Priority Substances and specific Pollutants, non-native species, physical modification</td>
<td>Bring Natura 2000 sites into Favourable Condition Status (FCS) by delivering measures identified by Natural England and/or Countryside Council for Wales as being necessary to prevent deterioration and secure the conservation objectives of the site.</td>
<td>At relevant Natura 2000 sites in the Severn RBD</td>
<td>2012</td>
<td>Habitats directive</td>
<td>Natural England and/or Countryside Council for Wales, Welsh assembly Government, The Crown estate, Defence Estates</td>
<td>Favourable Condition Status (FCS), No deterioration</td>
<td>C4</td>
<td>B</td>
<td>40</td>
<td></td>
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<tr>
<td>Abstraction</td>
<td>Reduction of waste and leakage and promotion of water efficient fittings at institutional and commercial properties</td>
<td>Severn RBD</td>
<td>2008</td>
<td></td>
<td>OGC and Facilities Managers across the Government estate (Watermark), Carbon Trust, Envirowise</td>
<td>WFD</td>
<td>C4</td>
<td>A</td>
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<td>Abstraction</td>
<td>Reduction of waste and leakage and promotion of water efficient fittings at institutional and commercial properties</td>
<td>Severn RBD</td>
<td>2008</td>
<td></td>
<td>OGC and Facilities Managers across the Government estate (Watermark), Carbon Trust, Envirowise</td>
<td>WFD</td>
<td>C7</td>
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### South East RBD

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</thead>
<tbody>
<tr>
<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
<td>Local initiatives to agree pollution prevention measures for their site on a voluntary basis. Outcome: bringing land back into beneficial use and removing potential sources of ground water contamination</td>
<td>Ground water body</td>
<td>2015</td>
<td>Voluntary action and education</td>
<td>Environment agency and MOD</td>
<td>Water Resources 1991, Groundwater Regs</td>
<td>C5</td>
<td>C</td>
<td>52</td>
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<tr>
<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
<td>Local initiatives to agree pollution prevention measures for their site on a voluntary basis. Outcome: bringing land back into beneficial use and removing potential sources of ground water contamination</td>
<td>Ground water body</td>
<td>2015</td>
<td>Voluntary action and education</td>
<td>Environment agency and MOD</td>
<td>Water Resources 1991, Groundwater Regs</td>
<td>C6</td>
<td>C</td>
<td>65</td>
<td></td>
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<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
<td>Local initiatives to agree pollution prevention measures for their site on a voluntary basis. Outcome: bringing land back into beneficial use and remove potential sources of ground water contamination</td>
<td>Ground water body</td>
<td>OFD Gospert, Middle Wallop, East Kent, Thanet</td>
<td>2015</td>
<td>Voluntary action and education</td>
<td>Environment agency and MOD</td>
<td>Water Resources 1991, Groundwater Regs</td>
<td>C8</td>
<td>C</td>
<td>84</td>
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<tr>
<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants - tributyltin compounds</td>
<td>Investigate emissions from installations and appraise options (to reduce at source or treat, up to BATNEEC) to meet EQS and reduction/cease emissions in this or subsequent rounds, focusing on ship yards, timber treatment plants or treated timber 2000 area</td>
<td></td>
<td>Ashford STW</td>
<td>Stour</td>
<td>2015</td>
<td>PPC Regs 2000</td>
<td>Industry</td>
<td>WFD good status, no deterioration</td>
<td>C6</td>
<td>B</td>
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<tr>
<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
<td>Non-application of TBT to boat hulls by 2003. From January 2008 TBT should not be used on ships hulls or there should be a coating to prevent leaching of underlying TBT anti-foulant</td>
<td>Applies across the whole of the EU</td>
<td>Transitional and coastal waters</td>
<td>Ongoing</td>
<td>Directive 2002/62/EC and Regulation 782/2003</td>
<td>Marine and Fisheries Agency and other organisations as appropriate</td>
<td>Good status, no deterioration</td>
<td>C4 A 26</td>
<td></td>
<td></td>
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<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
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<td>Transitional and coastal waters</td>
<td>Ongoing</td>
<td>Directive 2002/62/EC and Regulation 782/2003</td>
<td>Marine and Fisheries Agency and other organisations as appropriate</td>
<td>Good status, no deterioration</td>
<td>C9 A 86</td>
<td></td>
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<tr>
<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
<td>Develop national guidance framework on dredging to inform Programme of Measures to meet WFD objectives. Defra to oversee development of national guidance framework on dredging in transitional and coastal waters with EA, M&amp;FA (and future MMO) and Port and H</td>
<td>Applies across England</td>
<td>Transitional and coastal waters</td>
<td>2009</td>
<td>Produce and deliver national guidance framework</td>
<td>Defra, working in partnership with Port and Harbour Authorities, EA, M&amp;FA and other organisations as appropriate</td>
<td>Good status, no deterioration</td>
<td>C9 B 87</td>
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### South West RBD

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<tr>
<th>Pressure</th>
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<td>Nutrients, organic pollutants, sediments, abstraction and other artificial flow pressures, Priority Substances and Specific Pollutants, non-native species, physical modification</td>
<td>Bring Natura 2000 sites into Favourable Condition Status (FCS) by delivering measures identified by Natural England and/or Countryside Council for Wales as being necessary to prevent deterioration and secure the conservation objectives of the site.</td>
<td>All relevant Natura 2000 sites in South West RBD</td>
<td>South West RBD</td>
<td>2012</td>
<td>Habitats Directive</td>
<td>Natural England, EA, Wildlife Trusts, FC, water Companies, highways Agency, MOD, LA, NT, IDB, Harbour authorities, Sea Fisheries Committee</td>
<td>Favourable Conservations Status. No deterioration</td>
<td>C2, C3, C4, C5, C7, C9</td>
<td>A</td>
<td>10, 23, 34, 57, 73, 82</td>
</tr>
<tr>
<td>Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
<td>Develop national guidance framework on dredging to inform Programme of Measures to meet WFD objectives. Defra to oversee development of national guidance framework on dredging in transitional and coastal waters with EA, M&amp;FA (and future MMO) and Port and H</td>
<td>Applies across England</td>
<td>Transitional and Coastal Waters</td>
<td>2009</td>
<td>Habitats Directive</td>
<td>Defra, working in partnership with Port and Harbour Authorities, EA, M&amp;FA and other organisations as appropriate</td>
<td>Good status, no deterioration</td>
<td>C4, C9</td>
<td>B</td>
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### Thames RBD

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<tr>
<td>Direct biological pressures</td>
<td>Undertake specific weed control measures</td>
<td>Thursley, Ash, Pirbright and Chobham SAC</td>
<td>Wey</td>
<td>2015</td>
<td>Partnership work</td>
<td>Ministry of Defence</td>
<td>PSA</td>
<td>C4</td>
<td>A</td>
<td>15</td>
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<tr>
<td>Direct biological pressures</td>
<td>Undertake specific weed control measures</td>
<td>Thursley, Ash, Pirbright and Chobham SAC, Woolmer Forest SAC</td>
<td>Wey</td>
<td>2015</td>
<td>Partnership work</td>
<td>Ministry of Defence</td>
<td>PSA</td>
<td>C3</td>
<td>A</td>
<td>41</td>
</tr>
<tr>
<td>Physical modifications, Priority Hazardous Substances, Priority Substances and Specific Pollutants</td>
<td>Apply national guidance framework on disposal of dredgings to refine local measures as appropriate (where not disproportionately costly or technically infeasible)</td>
<td>Applies locally as necessary</td>
<td>All</td>
<td>2012</td>
<td>Via licensing controls</td>
<td>Environment Agency, Navigation Authorities</td>
<td>WFD</td>
<td>C9 B</td>
<td>76</td>
<td></td>
</tr>
</tbody>
</table>
### Priority Hazardous Substances, Priority Substances and Specific Pollutants

Develop national guidance framework on dredging to inform Programme of Measures to meet WFD objectives. Defra to oversee development of national guidance framework on dredging in transitional and coastal waters with EA, M&FA (and future MMO) and Port and H

- Applies across England
- All 2009
- Habitats Directive
- Defra, working in partnership with Port and Harbour Authorities, EA, M&FA and other organisations as appropriate.
- WFD C9 B 77

<table>
<thead>
<tr>
<th>Western Wales RBD</th>
<th>Pressure</th>
<th>What will happen</th>
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<tbody>
<tr>
<td></td>
<td>Physical Modifications</td>
<td>Guidance to EA on whether obsolete defence structures are currently being used as a place of shelter by a protected species before removal considered</td>
<td>Where structures are identified in western Wales RBD</td>
<td>2015</td>
<td>Partnership Agreements</td>
<td>EA, NGOs</td>
<td>WFD C5</td>
<td>C</td>
<td>48</td>
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<td></td>
<td>Abstraction</td>
<td>Reduction of waste and leakage and promotion of water efficient fittings at institutional and commercial properties</td>
<td>Specified water bodies/catchments in western Wales RBD</td>
<td>2009</td>
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<td>OGC and facilities managers across the Government Estate (Watermark), Carbon trust, Envirowise</td>
<td>WFC C11</td>
<td>A</td>
<td>85</td>
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OGC and facilities managers across the Government Estate (Watermark), Carbon trust, Envirowise