

New Forest Catchment Workshop - 12th February 2009

Workshop report

Please **respond to the consultation** on the draft River Basin Management Plan by visiting www.environment-agency.gov.uk/wfd and clicking on 'South East' and then 'Responding through this website'.

Alternatively, you can write to us at Sue Lade, Environment Agency, Chatsworth Road, Worthing BN11 1LD.

We would welcome responses **as soon as possible, and preferably before the end of April**. The consultation closes on 22 June 2009.

Thank you.

1. Aims of the workshop

To help representatives from a variety of organisations:

- ❖ Understand what the South East Draft River Basin Management Plan says about their catchment and what it can realistically deliver;
- ❖ Identify their roles in taking forward the core local actions proposed in the draft plan, and the additional actions which would allow us to achieve more for the environment;
- ❖ Understand other delegates' needs and aspirations for the River Basin Management Plan;
- ❖ Be better placed after the workshop to make an informed response to the public consultation.

2. Outline of the Day

10.00	Introduction to the day	
	Overview of the River Basin Plan James Farrell River Basin Programme Manager, Environment Agency	<i>A brief history of the Plan and an overview of its objectives</i>
	The local picture Sam Orchard Environmental Planning Officer for Solent and South Downs, Environment Agency	<i>Some local facts and figures and an overview of the actions we will be discussing today.</i>
	Q&A	<i>Questions of clarification to both speakers.</i>

11.05	COFFEE	
	Workshop discussion on Actions - Session 1	<i>We have selected for discussion actions for this Catchment which stakeholders are particularly able to influence and will ask: How stakeholders can support delivery of the actions, practical considerations, timescale for completion and whether the action could be applied to other water bodies in the catchment.</i>
12.45	LUNCH	
13.45	Workshop discussion on Actions - Session 2	<i>This session follows the same format as the morning.</i>
15.15	Reflections	<i>An opportunity to reflect as a whole group on today's discussions.</i>
	Closing remarks and next steps	
15.30	Close	

3. Attendees

Name	Organisation
AEG	
John Durnell	Hampshire Wildlife Trust
Agriculture	
Jane Smith	Forestry Commission
Simon Weymouth	Forestry Commission
Commoners	
Rhys Morgan	Hampshire Wildlife Trust
Farming/ Landowners	
Julie Stubbs	Natural England
Local Authority Planners, including New Forest National Park	
Alan Shotter	Hampshire Association of Town and Parish Councils (HATPC)
Tony Spence	New Forest National Park
John Wingham	Brockenhurst Parish Council
Major industry impacting on area	
David Hamlyn	Marchwood Power Station

Recreation (eg anglers, canoeists)	
Roger Simmens	Brockenhurst Fly fishing Association
Riparian/coastal landowners	
Simon Barker	Longdown Estate
Peter Frost	Verderer
Solent Forum	
Karen McHugh	Solent Forum
Other	
Philip Marshall	National Trust
Environment Agency Staff	
Polly Wallace	Groundwater
James Farrell	River Basin Programme Manager
Rod Murchie	Environment Planning
Sam Orchard	Environment Planning/WFD Co-ordinator
Cath Patel	Environment Planning
Jo Tutton	Flood Risk Management
Tim Holzer	Fisheries, Recreation and Biodiversity
Facilitation	
Helena Poldervaart	Poldervaart Associates

4. What we value about our catchment

Participants were asked to share at their tables something they value about this catchment.

- We've got the best bogs
- Mud flat and salt marsh
- **Variety** - of landscape and ecosystems
- Rivers and wildlife - their wildness and diversity
- Wooded rivers
- Fish, sea trout
- Natural rivers side by side with traditional farming practises
- **Accessibility** of a lot of our rivers - easy to walk along
- Complex landscape
- Vibrant communities
- Lot of interest groups trying to protect it.

5. Questions to Environment Agency speakers

Q1 Interested in detail behind why bodies are classified as they are.

A1 It's all shown in the detailed plan - Annex B.

Q2 What **criteria** do you use to determine **fish objectives**? Species, numbers?

A2 We use the national classification scheme, which makes judgements based on species, type, abundance, diversity. We judge the river on what you would expect to see if it was in a natural condition.

- We have a huge amount of **data** but still need a lot more.
- Datasets are improving all the time but for the moment there's a certain amount of guesswork.

Comment : It's a shame so many water bodies are moderate & poor when a lot of factors like the Gulf Stream are outside our control.

A There are lots of opportunities for improvement and we all need to take them.

Q3a What about **heavy metals** e.g. in Southampton Water?

A3 Some are banned now, but they are still there and the cost to remove them is massive, so the focus is on stopping further pollution and avoiding disturbance of the sediment.

Comment : Can you argue that, when they're locked in the sediment, they're no longer a threat?

Q4 How does Environment Agency prevent the kind of **pollution incidents** which so badly damage fish?

A4 Water companies are investing heavily, so that will help. But there will always be a risk of incident, e.g. emergency discharges to protect homes. Environment Agency is working closely with the sewage treatment works on this to make them aware of problems.

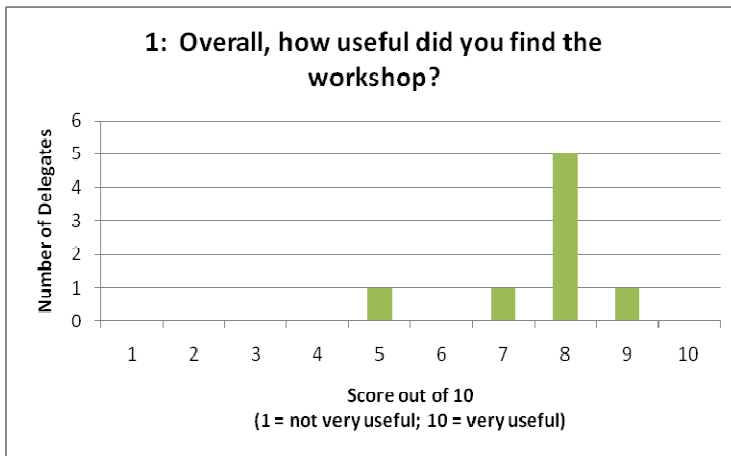
Reduced staffing at sewage works is a problem but has improved a bit.

6. Reflections on the day

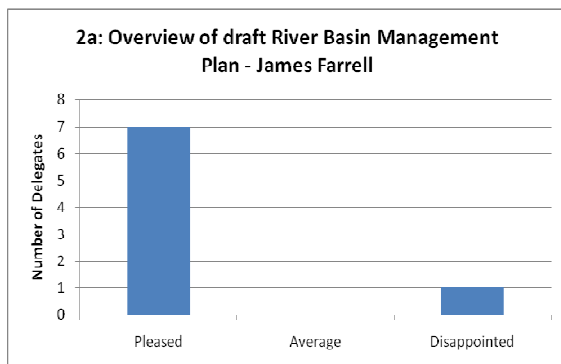
- It has reiterated the importance of **education and communication**, especially in the early stages
- Would have liked more briefing on Water Framework Directive - what it is and how good it is.
- Surprised at breadth of topic.
- Huge **potential of untapped resources** - we need to use what's already happening; people are doing things but are not engaged with Environment Agency. Only then can we get action on the scale needed.

- People need to see the advantage to them - find the right language and buttons to press.
- Here in the Forest, **reaching the tourist** is a huge challenge.
- Can we get some financial incentives into the plan or ways of reducing business fear about their profit margin.

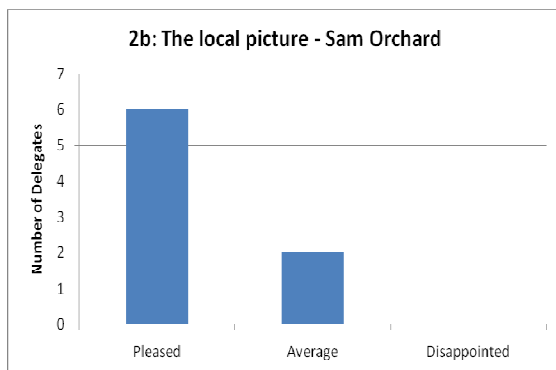
7. Summary of Evaluation Forms

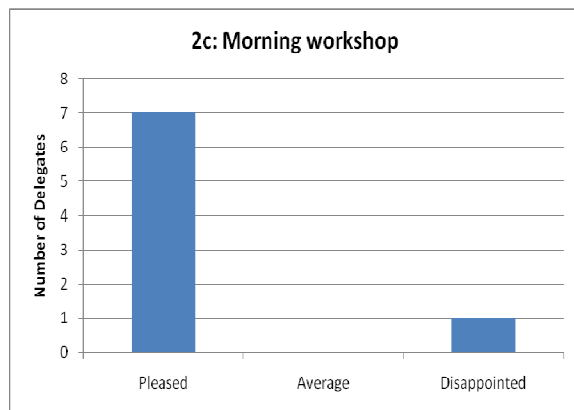


- Very useful, as a farm adviser it is good to see the larger picture going on to improve the catchment
- Came not knowing what to expect but found the day very useful
- Very positive identifying actions that actually will happen

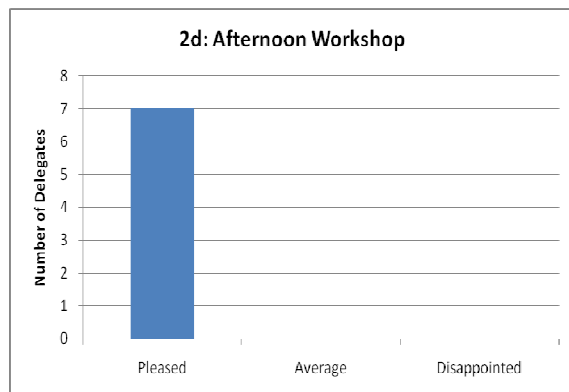


- Comprehensive and helpful





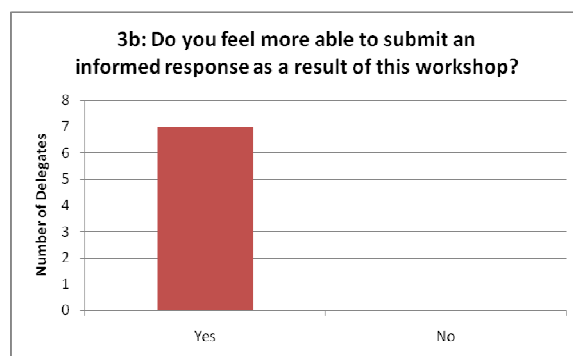
- Gave me a good insight into areas of which my knowledge lacked. Food for further thought
- Would have been enhanced if some other key organisations, e.g. NPA, Highways, LA's, had been represented
- Felt everyone in our group took part



- Would have been enhanced if some other key organisations, e.g. NPA, Highways, LA's, had been represented
- Gave me a good insight into areas of which my knowledge lacked. Food for further thought
- Afternoon small group was excellent



- Would have felt I have little useful knowledge
- Not involved enough to get a response in
- More motivated to do so having attended the Event
- No knowledge
- Massive time/work constraints



4. What message would you like to give the Environment Agency as they take forward the River Basin Management Plan?

- Excellent day. Suggest another meeting in 12 months would be good.
- Try to link as many actions with overall aims
- Keep working with local stakeholders to bring them with you to make a difference to the water environment
- Excellent Section Representative
- Resources to deliver actions need to be identified

5: What action will you take on the draft River Basin Management Plan as a result of this workshop?

- Work with contacts made at the workshop to implement various measures
- Would like to provide additional local knowledge if this is required
- Discuss with my boss how we can change our current farm advice to include aspects of the knowledge
- Look into how organisation (National Trust) can help deliver on certain aspects
- Understand how the Solent Forum can help in improving the conclusion of coastal waters in the Solent
- Press NFDC for more active role
- Make a project proposal to EA

Appendix 1: Actions from Workshops

Text and columns highlighted in *blue* were added in the workshop.

Reducing Impact of Transport and Built Environment

Scenario/Ref	Pressure	What Will Happen	Where it will happen Water Body When it will happen	Means of Delivery	Lead Organisation	1. What support can YOU offer to help carry out this action or deliver more of it? (Who)	2. Other practical considerations?	3a) Is our target of completion of this action by 2015 realistic? b) Could it be even more ambitious?	4. Would you want to apply this action to any other water bodies in this catchment?	5. What else would need to be put in place to make this action viable?	6. Write here any additional information you can give us that will help us to justify including this action in the Plan
C RL10	Nutrients, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants	Develop inventory of private sewage discharges in the river basin district and provide licence for unconsented discharges. Outcome: All unconsented discharges comply with Water Framework Directive standards and Habitats Regulations requirements	Water body Targeted Sites 2015	Research and investigations, Licensing	Environment Agency	Joint committee to assess this (EA/Water companies/LA) Database from collection company? GIS Mapping	Target the larger landowners first e.g. Forestry Commission, Beaulieu Estate	b) No - too ambitious		n/a	n/a

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B EC6	Physical modification	Undertake managed realignment and allow more natural management of coastline outside built up areas where appropriate. Outcome: Managed realignment undertaken at approximately 10 sites covering over 20km of coast by 2021, and 15 by 2027. SSSI targets are met, BAP targets are met.	Transitional and coastal Targeted sites Ongoing, pilot priority areas by 2015, Identify opportunities under Habitat Creation programme	Coastal and river strategies, Shoreline Management Plans, Catchment Management Strategies, Regional Habitat Creation Programme	Environment Agency (Local Authorities, Natural England, environmental NGOs, other landowners)	Topics and communications to members (Solent Forum)	Impact on Landowners. SMP is the channel for any work. Needs to be involvement with LA Needs to be more resources to target this - lobbying through regional creation scheme.	The habitat will take longer than 2015 to be established.	<i>on post-its:</i> A key issue highlighted in NPA Management Plan - need co-ordination with NPA policies and Actions. EA has creation scheme target?	n/a	n/a

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B EC8	Physical modification, Priority Hazardous Substances, Priority Substances and Specific Pollutants	Ports, harbours and navigation authorities to include measures to achieve Good Ecological Potential in their maintenance dredging and disposal strategies. Outcome: Water Framework Directive best practice developed and embedded in dredging activities. All dredging or disposal operations with mitigation measures in place for estuarine and coastal areas designated as heavily modified water body	Dredging locations HMWBs 2015	Dredging and Disposal Strategies, Investigations	Ports and Harbours (Marine and Fisheries Agency, Natural England, Environment Agency, NGOs)	Solent Forum harbours - Solent Forum members. Dredging Nav ABP. Provide info & help communication (Solent Forum). <i>on post-it:</i> Put pressure on MFA to be more pro-active through it's regulatory role	Managing contaminants from river systems. Disposal regulated by EC legislation. Impact of dredging on natural processes.	b) No - massive issue and not started to be tackled yet.	Areas: Lymington Estuary and harbour. Southampton water. Beaulieu river?	n/a	n/a

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C EC16	Nutrients, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants, Microbiology	Risk based campaigns to educate boat users regarding disposal of toilet waste, oil, solvent, paint and cleaning products in waters at risk from diffuse pollution. Outcome: targeted campaigns to reduce diffuse pollution from boat users where we have evidence of these pressures leading to failure of 'good status', or risk of doing so.	Transitional and coastal Marinas 2015	Investigation and education campaigns, Bylaws	British Marine Federation, Royal Yachting Association, (Environment Agency, Local Authorities, NGOs)	Changing attitudes of boat users (Solent Forum). <u>on post-its:</u> Issue: increased pollution (sewage) from larger Wightline ferries in Lymington Harbour. Research: how do larger ferries impact on passage of sea trout in Lymington Harbour?	Intersect the boat scrubbing areas before pollution goes into river. Target the mariners and yards first. (Need to also target the larger vessels coming into the Solent) - this is legislated for.	a) Yes		Legislation for the more damaging chemicals	

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B G3	Nutrients, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants, Microbiology	<p>Pollution Prevention Visits and campaigns targeted in high risk areas to address small and medium enterprises and industrial sites.</p> <p>Targeted oil care advice in high risk areas.</p> <p>Local campaign targeting school storage and use of hydrocarbons</p>	<p>Targeted sites</p> <p>Brighton & Hove Chalk block</p> <p>All. Especially targeted areas in Groundwater r Body</p> <p>2015</p>	Investigation, Voluntary Action and Education	Environment Agency and Highways Agency, Local Government, County Councils, Network Rail Oil distributors Water Co's		<p>Old sites often aren't current with the latest regulations. Needs enforcement to improve</p> <p>Target larger camping sites to stop caravanners emptying their tank by watercourse</p> <p>Farmers/landowners leaving old machinery etc which could pollute e.g. through stewardship scheme.</p>			n/a	n/a

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C G10	Nutrients, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants Microbiology	Investigations to identify areas at risk of contaminants from urban & transport activities, and develop targeted pollution prevention partnerships. Local initiative with Highways Agency & LAs to determine amount of road drainage to Source Protection Zone 1 and seek alternative options. Outcome: Reduction in pollution from on agricultural pesticides, road drainage, road salt, hydrocarbons & foul drainage. Develop MOU and Codes of Practice.	Targeted sites (all). Pilot in Brighton & Hove initially (Brighton & Hove Chalk block) 2015	Investigation, Voluntary Action and Education	Environment Agency and Highways Agency, Local Government, County Councils, Network Rail		Highways - control of chemicals for weed killing and where it discharges. Needs improvement of how EA regulates Highways and surface water from the roads going directly into watercourse.			Would be useful to have a database for key problem areas for the pollution from the Highways.	

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C G17	Hazardous Substances and other pollutants (GW P&L) and microbiology and Nutrients and organic pollutants	Local initiative to encourage LPA use of GP3 to promote best practise and PPS23 to ensure remediation of brownfield land	Groundwater r bodies 2015	Voluntary Action and Education	Environment Agency and Local Government	Planning Authorities could advise and plan better if trained re Groundwater/ pollution issues (NPA? NFDC?)				n/a	n/a

Improving Rural Land Management

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B EC2 NOTE: also links to EC4	Nutrients, organic pollutants, sediments, microbiology, Priority Hazardous Substances, Priority Substances and Specific Pollutants	Establish Strategic Partnership Catchments in river catchments at risk from <u>agricultural</u> diffuse water pollution that are not currently covered by the Catchment Sensitive Farming Programme.	Estuaries Isle of Wight 2009	Education and Advisory Programme	Natural England, Environment Agency, Wildlife Trust	If New Forest Catchment could be deemed a priority existing mechanisms (LMAs, HWT land advisor) could benefit significantly from additional resources through CSF HLS/ELS already doing great work - including right on the coast NPA - integrate existing initiatives	Not sure if New Forest should be a priority relative to other catchments which do have CSF (IoW). Important to link into RHCP in terms of its role in tackling WQ/ diffuse pollution				

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B G2 NOTE: these comm.-ents also apply to RL1, RL9, EC1 and G12	Nutrients, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants, Microbiology	Establish and maintain nationally funded advice - led partnership under the Catchment Sensitive Farming Programme to reduce diffuse pollution from agriculture	Test & Itchen, Rother, Stour, Pevensey, Thanet Relevant ground-waters 2015	Voluntary Action and Education	Environment Agency, Natural England, DEFRA	HWT has advisor in place already, just need more resources to cover more ground. HWT/NE land advisors could team up to disseminate EA info/advise/leaflets/campaigns to inform land owners. Possible mechanism to 'police' re WQ issues. <i>Continues...</i>	Diffuse pollution a BIG issue in the Forest - many land owners with small holdings - difficult o target. Need high resource level on the ground to cover the issue effectively. Monitor it?	The action of provide the <u>advice</u> is achievable but results in terms of EFD targets may have to be incentivised to <u>MAKE!</u> It happen	Universal across whole catchment <i>on post it:</i> What role for the NPA? - integrate existing initiatives.		

						<p>...Continued</p> <p>NE: ELS, HLS, & ESF. Land Management Advisory Service (LMAS) project. Several people in the SE doing workshops... could be expanded to include advice on ditch management - horse-keeping issue. Can Target many small landowners - diffuse pollution.</p> <p>More workshops - through NE & LMAS project.</p> <p>Brockenhurst FFC - could assist with monitoring. Need to co-ordinate efforts with EPS programmes.</p>					
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C G16	Nutrients, organic pollution, hazardous substances and other pollutants (GW P&L)	Pollution Prevention advice and campaigns in high risk areas especially intensive horticulture	Targeted areas 2015	Voluntary Action and Education	Environment Agency	(HWT) - happy to use advisors to disseminate EA info if resourced to do so! (NE) - through LMAS, could run targeted workshops. (NPA) - need to integrate existing initiatives.	Believed to be a few responsible for impact - not all. Whole culture has to be changed, which takes time. Improvements should be achieved by being incentive-led - careful, objective management can <u>SAVE MONEY!</u> Inform through workshops	a) Yes - but will take time to influence Ground-water		n/a	n/a

Improving Wildlife Habitats

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B RL2	Physical modification	Improve habitats and ecology by addressing physical pressures including culverts, closed watercourses, pinch points and in channel structures. Outcome: Mitigation and restoration measures in place where this will improve biological outcomes. Prioritise urban areas. Current target = 10km enhanced for the region per year. Developments in the District will improve habitats as part of their development	Water body Targeted Sites 2015	Voluntary agreements, Best practice, Development Control, Catchment Flood management Plans.	Environment Agency (SEEDA, Natural England, Fisheries and Angling Cons. Trust)	Possible removal of culverts in upper catchments – use of fords (FC) Information on what there is (NFDC) Need to provide fish migration where possible (Highways/EA)	Modification of tidal flap at Lymington. Forum may be needed to promote removal of culvert priorities for the sites to be targeted – habitat survey target urban areas. Road casualties of otter – identity sites.	b) Too ambitious in urban areas		n/a	n/a

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C RL4	Physical modification	Modify or remove physical obstructions to fish passage at priority sites. Outcome: All physical obstructions identified and prioritised. Sea trout, salmon and eels have access to new km of river and estuary.	Water body Gordleton Mill, Efford Mill 2015	Planning policies, Voluntary agreements, Catchment Flood management Plans	Environment Agency (Local Authorities, Fisheries and Angling Cons. Trust)	Possible removal of debris dams to promote fish passage – following guidelines (Fishing Clubs) <i>on post-it:</i> Wier at Brockenhurst [Royden Woods] – Not actually an obstruction to fish!	Tidal flaps at Lymington – modification. West of Milford on so there's a pipe that runs 45 degrees through the cliff that stops fish & elvers – possible brush install	May be possible in some locations for hard structures. Need more research on debris dam obstructions.		n/a	n/a

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B RL5 (1)	Direct biological pressures - Alien species	Remove invasive non native species from sites that are at risk of becoming a source, where feasible. Outcome: High risk sites cleared of this pressure	Water body, other sources Targeted sites 2015	Voluntary Action and Education, Site Management for designated sites	Natural England (Environment Agency, Natural England, Local Authorities)	Identify target areas. Create awareness/treatment (Forestry Commission, *National Trust) Volunteers (Forestry Commission, *National Trust) Overall organising (*National Park) Investigate mitten crabs. Monitoring reports → EA (Marchwood Power Station) * = Flora	Reduce biodiversity Himalayan Balsam – difficult to control – Grazing/pulling best way to remove Skunk cabbage – grows in winter – seeds spread widely. Need grant to control it Requires everyone involved. Overall organisation? Fishing interest would want to be involved → Chinese Mitten Crabs? Past management means not large problem	a) Yes	Modifications/ river banks.	n/a	n/a

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B RL5 (2)	Direct biological pressures - Alien species	Remove invasive non native species from sites that are at risk of becoming a source, where feasible. Outcome: High risk sites cleared of this pressure	Water body, other sources Targeted sites 2015	Voluntary Action and Education, Site Management for designated sites	Natural England (Environment Agency, Natural England, Local Authorities)	Himalayan balsam treatment parrots feather, skunk cabbage (Forestry Commission/ riparian) Educate farmers to eliminate species through HLS (Hampshire Wildlife Trust) Mink are trapped & eliminated (Forestry Commission & Fishing Association) Removal of rhododendrons (Forestry Commission)	There are also non-native goldfish. Crassula (HELMSII) – this is an issue, horses keep it down. Signal crayfish is in a couple of places in the New Forest. New Forest non-nature plant project – with Hampshire Wildlife Trust leading and involvement with Local Authorities, National Park, and EA – emphasising doing something on the ground. Weed not been as abundant for last few years.	Some areas could be possible, other areas will require ongoing control.		n/a	n/a

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B RL6	Direct biological pressures- Alien species	Introduce control measures where invasive non native species cannot feasibly be removed, and promote habitat management that favours and restores native species. Outcome: Hot spots identified and control and management measures in place. Reduce spread of non native species and the risk to ecological status	Water body All New Forest 2015	Agri environment schemes, Voluntary, Flood risk management activity	Natural England (Environment Agency, Environmental NGOs, Riparian owners, Inshore Fisheries and Conservation Authorities)	Education/Awareness (National Parks). Continue Life 3 (Water basin forum). Joint partnerships (Forestry Commission, RSPB/National Trust/Natural England/EA). Target Areas monitoring species (volunteers/landowners, Marchwood reports (EA))	Objections to removal (currently culture to maintain heathland accepted) Locate problem and monitor. LIFE 2/3 - restoration of habitats. Water basin forum - to continue/ successful - funding from habitats directive? / Euro funding / Natural England.	a) Yes - set up partnerships / introduce schemes	Whole catchment.	n/a	n/a

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C RL7	Physical modification, sediment, Nutrients, organic pollutants	Take strategic opportunities to improve ecology through habitat creation and enhancement. Outcome: Candidate water bodies have been identified across the District. Planning authorities have the tools to identify and improve green infrastructure assets	Catchment In the New Forest we will continue to support the further refinement of an already well developed catchment scale habitat restoration plan led by the Forestry Commission Ongoing, pilot priority areas by 2015, Identify opportunities i.e. in line with SE plan	Regional Habitat Creation Programme, Catchment Flood Management Plans, Shoreline Management Plans	Forestry Commission Environment Agency, (SEEDA, Natural England, Local Authorities, Environmental NGOs, Fisheries and Angling Conservation Trust)	Would be interested to know why WB's are poor - will go to website (FC)	It was identified that if rivers habitat were improved would provide flooding benefits - including for Climate Change Improve ecology through development (looking at LA to promote) for the green infrastructure - need water based improvements. <i>Continues...</i>			Funding Partnerships - NE & joined up thinking	n/a

							<p><i>...continued</i></p> <p>FC work been driven by SSSI rather than WFD (10 year programme) and to continue for approximately another 10 years to improve mires and streams (£500,000 / year). There are areas where flood water could be held back to prevent flooding and attenuate flows may need to revisit. Particularly Brockenhurst and Lyndhurst</p>				
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B EC3	Nutrients, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants, sediment	Harbours Diffuse Pollution Project to design and implement a strategy to tackle diffuse pollution in the Solent (in particular the Eastern harbours). This will enable Natural England to turn the key Solent SSSIs currently in an unfavourable condition due to diffuse pollution to recovering and help address wider water quality targets.	SSSIs Portsmouth, Langstone and Chichester and the river Hamble 2008	Research and investigations, Partnerships agreements	Natural England, Environment Agency	Wildlife Trust and Natural England FGR1 schemes land management advisory service [HLS] [EA support] (Wildlife Trust and Natural England) Highways Agency (Not represented here) use chemicals and manage run off (Highway Department - not here. HCC District) HCC instigating review of policies to district that are Highway Agencies (HCC - not present)	Main players re highways not at workshop	a) Yes	Yes - all water bodies	n/a	n/a

Scenario/Ref	Pressure	What Will Happen	Where it will happen Water Body When it will happen	Means of Delivery	Lead Organisation	1. What support can YOU offer to help carry out this action or deliver more of it? (Who)	2. Other practical considerations?	3a) Is our target of completion of this action by 2015 realistic? b) Could it be even more ambitious?	4. Would you want to apply this action to any other water bodies in this catchment?	5. What else would need to be put in place to make this action viable?	6. Write here any additional information you can give us that will help us to justify including this action in the Plan
B EC5	Nutrients, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants, Microbiology	Carry out research or targeted local investigations into the origins, causes of and solutions to pollution where we need to improve certainty.	Water body, Transitional and coastal Targeted Sites 2015	Investigation	Environment Agency	Pool Resources to fund projects (District Councils, Shellfish Association, DEFRA, Sea Fisheries Committee, SWS)	No representatives of above attending workshop	a) Yes	Yes - all	n/a	n/a
C EC13	Physical modification, Direct biological pressures- Biota removal	Investigate and where appropriate manage physical impacts of commercial inshore fisheries to improve marine biodiversity and fisheries productivity, through the establishment of marine protected areas. Outcome: Bass nursery & priority reef habitat & fish nursery protected in Sussex, subject to successful consultation and agreement.	Transitional and coastal water bodies Isle of Wight East, Sussex, Sussex East 2015	Investigation, Inshore Angling and Conservation Authorities byelaws, Marine and Fisheries Agency powers, Voluntary agreements	Sussex Inshore Fisheries and Conservation Authority (Environment Agency, Natural England, NGOs, Local authorities)	Solent Forum project re marine spatial planning: collection data, zoning activities (Solent Forum co-ordinating for lot of interest groups) Solent contact Sue Wells [Kent County Council] Marine Conservation zone recruitment for working group Fish farm regulation Interest groups & regulatory auth's work together (CEFAs, Shellfish Committees, SFA)	Not all represented at workshop Fish farm regulation on rivers impact.	b) No	Yes – all marine/ estuary <i>Extra note:</i> EA need to investigate illegal bass fisheries in Langstone at night	n/a	n/a

Scenario/Ref	Pressure	What Will Happen	Where it will happen Water Body When it will happen	Means of Delivery	Lead Organisation	1. What support can YOU offer to help carry out this action or deliver more of it? (Who)	2. Other practical considerations?	3a) Is our target of completion of this action by 2015 realistic? b) Could it be even more ambitious?	4. Would you want to apply this action to any other water bodies in this catchment?	5. What else would need to be put in place to make this action viable?	6. Write here any additional information you can give us that will help us to justify including this action in the Plan
C EC14	Nitrates, organic pollutants, Priority Hazardous Substances, Priority Substances and Specific Pollutants sediment, Microbiology	Establish and maintain local advice led partnerships to address rural diffuse source pollution. Additional diffuse pollution projects established to supplement Catchment Sensitive Farming.	Water body, Isle of Wight, Solent and Isle of Thanet will be targeted. Benefiting coastal and estuarine waters include Eastern Yar, Medina, Newtown River, Southampton Water, Pagham Harbour. 2015	Voluntary Action and Education,	Natural England (Environment Agency, FWAG, Landcare, NFU, Wildlife Trusts, Fisheries and Angling Conservation Trust)	Currently co-ordinating data gathering to form informed basis for drafting a 'code' (Solent Forum)	Need Marine Bill in - gather data. Potential resistance from commercial and recreational anglers 'Codes' of conduct don't work?	b) No - unlikely to be effective. Commercial sea fishing is already well regulated with catch quota			

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C EC15	Physical modification, Direct biological pressures- Biota removal	Promote initiatives that develop our understanding of local coastal ecology and interaction with fishing and other marine activities.	Transitional and coastal water bodies Marinas 2015	Investigation and education campaigns, Bylaws	British Marine Federation, Royal Yachting Association, (Environment Agency, Local Authorities, NGOs)	Solent Forum is a good conduit through which to channel ideas/initiatives (Solent Forum) Need to be more proactive! (MFA/CEFAS?) Strong role re sound science to back initiatives (Southampton University Oceanographic) Ensure all stakeholders have ownership to achieve a quantum shift in cultural attitude towards marine environment (All stakeholders, angling clubs etc)	Needs to be co-ordinated/unified /consistent. Who will co-ordinate this? MMO? Who will be established to do just this? Solent forum wish to be more involved in community education – but needs resourcing.	a) Yes, but only if well co-ordinated (by MMO?) and resources.	<i>post-it note:</i> Also consider Solent Protection Society (interested in all actions regarding Solent)	n/a	n/a

Securing Sustainable Amounts of Water

Scenario/Ref	Pressure	What Will Happen	Where it will happen Water Body When it will happen	Means of Delivery	Lead Organisation	1. What support can YOU offer to help carry out this action or deliver more of it? (Who)	2. Other practical considerations?	3a) Is our target of completion of this action by 2015 realistic? b) Could it be even more ambitious?	4. Would you want to apply this action to any other water bodies in this catchment?	5. What else would need to be put in place to make this action viable?	6. Write here any additional information you can give us that will help us to justify including this action in the Plan
B RL3	Physical modification, Nutrients, Organic pollutants, sediment	Restore flows to support good status through removal of physical impediments to flow and other habitat management. Improvements on flow and ecology at locations at risk. Outcome: Improvements on flow and ecology at locations at risk	Water body Targeted sites 2015	Voluntary agreements. Catchment Flood Management Plans, Shoreline Management Plans	Environment Agency (Natural England, Local Authorities, Env. NGOs, Fisheries and Angling Cons. Trust)	Identify areas of concern (Fishing clubs) Awareness/Education – debris dams (Verderers/land owners)	Under A31 – culvert – obstacle for fish. Highland stream – trout spawning – success in a year *Not to include debris dams Urban Areas	a) Yes - start process		n/a	n/a
C RL8	Abstraction and other artificial flow pressures	Encourage farmers and industry to build storage to support summer irrigation and improve river flow. Outcome: No deterioration of river flows from abstraction	Water body Targeted sites 2015	Cooperative agreements or financial incentives	Environment Agency (Regional Development Agencies, Industries)	Encourage storage (National parks, planning, NFU). Push grants (NFU). Licence conditions/ renewals (EA)	Rainwater harvesting: - unregulated. - planning authorities. Trickle irrigation: - licensed from Nov. Dairy farms. SEEDA/Grants for res/ sustainability: - needs incentives for farmers	a) Yes	Beaulieu River	n/a	n/a