

# Environmental Management Programme

## IMPLEMENTATION AND OPERATION

The Harbour Master is responsible for the overall implementation and operation of the Environmental Management System.

All staff are encouraged and expected to make positive contributions to improving sustainability and managing environmental impacts when delivering services. This may be through day to day activities, during team meetings or through specific improvement projects.

In particular all staff should:

- Ensure that they comply with environmental procedures and that pollution of air, land or water does not occur as a result of their work;
- Consider the sustainability of the way in which services are delivered

### 5.1 – SEWAGE DISCHARGES

**5.1.1 Target 1:** Wherever possible, SWW's upgrading and improvement of sewage pipelines, outfalls etc which are located within the estuary will be actively encouraged and supported.

Task	Responsibility
1 Assist the sewage authorities by giving specialist local advice, production of LNTM and other local information where required for any new sewage pipelines, outfalls, storm overflows etc	Harbour Master

**5.1.2 Target 2:** Vessels will continue to be encouraged to use the land-based waste ablutions or internal holding tanks while within the estuary.

Tasks	Responsibility
1 Inform/update vessels when interacting with crew eg when they take up mooring	All harbour staff
2 Incorporate policy into all relevant documentation	Admin staff
3 Follow up any complaints regarding discharges into the harbour	Afloat staff
4 Consider withdrawing mooring facilities following wilful non-compliance	Harbour Master

**5.1.3 Target 3:** Wider public awareness campaigns that encourage all aspects of water conservation such as the RYA's Green Blue and the Phosphate Free Salcombe will be actively supported.

<b>Tasks</b>	<b>Responsibility</b>
1 Regular referral to issues and campaigns on social media and during other media interactions and harbour literature	Harbour Master
2 Raise awareness during routine dealings with customers eg during reception, allocation of mooring or collection of fees	Afloat staff
3 Ensure leaflets and other documentation made available and proactively distributed.	Admin staff

**5.1.4 Target 4:** Opportunities to develop chemical wc and toilet disposal sites to be identified

<b>Task</b>	<b>Responsibility</b>
1 Consider development of facilities during infrastructure development projects	Harbour Master

## **5.2 - ANCHORING AND MOORING POLICY**

**5.2.1 Target 1:** Vessels will continue to be discouraged from anchoring in the more sensitive parts of the estuary

<b>Tasks</b>	<b>Responsibility</b>
1 Provision of designated safe anchoring sites within estuary marked on charts and other literature	Harbour Master
2 Areas where anchoring is prohibited to be marked on charts and other literature	Harbour Master
3 Advice to boat owners whenever possible	All staff

**5.2.2 Target 2:** Regular seabed surveys will continue.

<b>Task</b>	<b>Responsibility</b>
1 Actively support SSSI seabed monitoring surveys instigated by Natural England	Harbour Master

**5.2.3 Target 3:** Reduce the impact of Harbour moorings on the seabed environment to a sustainable minimum.

<b>Task</b>	<b>Responsibility</b>
1 Harbour will continue to explore methods and systems to further reduce the impact of its moorings on the seabed environment.	Harbour Master
2 Harbour will endeavour to support and assist in the trialling and monitoring of new environmentally sensitive moorings with appropriate organisations.	Harbour Master

### 5.3 – LITTER CONTROL

**5.3.1 Target 1:** A programme of periodic ‘beach cleans’ by volunteers will continue under the leadership of the AONB Estuaries Officer to remove visible litter from beaches at low tide.

<b>Task</b>	<b>Responsibility</b>
1 Liaison with volunteer groups	Estuaries Officer

**5.3.2 Target 2:** Assess the effectiveness of the ports litter collection facilities and ensure their correct strategic placement.

<b>Tasks</b>	<b>Responsibility</b>
1 Monitor use of collection facilities afloat and ashore	AHM (L&M)
2 Liaise with Town Council to identify perceived problems early	Harbour Master

**5.3.3 Target 3:** Members of the harbour staff to collect any non-biodegradable waste items found within the estuary.

<b>Task</b>	<b>Responsibility</b>
1 Harbour staff collect and correctly dispose of any non-biodegradable waste items found in the estuary	All staff

### 5.4 – DREDGING AND SPOIL DISPOSAL

**5.4.1 Target 1:** Procedures to be followed during all dredging works.

<b>Tasks</b>	<b>Responsibility</b>
1 Schedule the timing of dredging operations to minimise environmental disruption or damage	Harbour Master
2 Select dredging method which causes least disturbance to the	Harbour Master

sediment or spoil receiving environments

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| 3 | Conduct appropriate monitoring before, during and after dredging | Survey contractor |
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## 5.5 – DUST CONTROL

### 5.5.1 Target 1: To keep the production of dust to a minimum

Task	Responsibility
1 Assess all works to determine likelihood of dust production and take measures to reduce or control dust	All staff
2 Harbour Authority to manage dust producing activities within its jurisdiction	Winter storage staff
3 Seek assistance of relevant regulatory authority where nuisance dust is observed	All staff

## 5.6 – OIL/FUEL CONTAMINATION INTO THE HARBOUR

**5.6.1 Target 1:** Activities which contain risk of potential oil/fuel contamination which are carried out by Harbour staff on vessels and vehicles will be done with due regard to operational procedures to minimise the risk of a spill entering the estuary.

Tasks	Responsibility
1 Staff to be trained in refuelling procedures and oil spill contingency procedures	AHM (L&M)
2 Absorbent material to be readily available during fuelling operations	All staff

**5.6.2 Target 2:** A programme to initiate awareness in land and vessel fuelling operators of the effects of hydrocarbon spillages on the water will be ongoing

Tasks	Responsibility
1 Liaise with fuel contractor (Yeowards) to ensure that they have correct training, equipment and procedures in place to minimise or rectify any oil spills	Harbour Master
2 Discourage boat users from using 'jerry cans' to refuel	All staff
3 Run public awareness campaign which highlights importance	Harbour Master

of promptly reporting any spills, even minor ones

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| 4 | Staff to assist harbour users in refuelling difficulty and seek assistance of relevant regulatory authority where reckless spillages occur | All staff |
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**5.6.3 Target 3:** Regular in-house and participant reviews of the Oil Spill Contingency Plan to ensure that the roles and procedures are understood by all will be undertaken every six months

<b>Task</b>	<b>Responsibility</b>
1 Training regime to be scheduled accordingly	AHM (L&M)

**5.6.4 Target 4:** All oil and oil/water from HA maintenance activities will be recycled

<b>Task</b>	<b>Responsibility</b>
1 Disposal of oil/fuel to be in accordance with correct disposal procedures	All staff

**5.6.5 Target 5:** Efforts to limit oily waste run-off from quays and maintenance areas will be continued.

<b>Tasks</b>	<b>Responsibility</b>
1 Encourage boat users to make correct use of the scrubbing grid	All staff
2 Staff to follow correct maintenance and wash-down procedures	All staff

## **5.7 – CONTROL OF SHELLFISH/FISH WASTE INTO THE HARBOUR**

**5.7.1 Target 1:** Fishermen and their transport contractors will continue to be discouraged from dumping dead crab anywhere into the harbour.

<b>Tasks</b>	<b>Responsibility</b>
1 Ensure that existing facilities are used by fishermen in the correct manner.	All staff
2 Monitor correct usage of disposal facilities for organic waste	All staff

**5.7.2 Target 2:** Bye-laws regarding dumping into the harbour will be enforced.

Byelaws will be implemented and enforced to ensure that there is no dumping of fish waste in the harbours.

	<b>Tasks</b>	<b>Responsibility</b>
1	Observe vessels alongside and check Fish Quay (especially at low water) to ensure no waste is being disposed of into the water	AHMs & Afloat staff
2	Ensure provision of waste disposal facilities is adequate	AHM (L&M)
3	Monitor, educate and if necessary enforce bye-laws and MARPOL regulations, and involve Food Standards Agency.	AHM/HM

## **5.8 – USE OF BIOCIDES AND ANTI-FOULING AGENTS**

**5.8.1 Target 1:** The minimum amount and use of algae cleaning solution is to be used to effect cleaning of harbour infrastructure

	<b>Tasks</b>	<b>Responsibility</b>
1	Supplies of cleaning solution will be regularly reviewed and updated to use the most environmentally sustainable and effective types	AHM(L&M)
2	Monitor cleaning solution usage rates and remind staff to use minimum necessary	AHM(L&M)
3	Consider other means, eg manual cleaning, pressure washing etc as an alternative	All staff

**5.8.2 Target 2:** The use of herbicides around the harbour will be reduced with the aim of replacing herbicides with other methods of weed control.

	<b>Tasks</b>	<b>Responsibility</b>
1	Supplies of herbicide will be regularly reviewed and updated to use the most environmentally sustainable and effective types	AHM(L&M)
2	Monitor herbicide usage rates and remind staff to use minimum necessary – all relevant staff to be suitably trained	AHM(L&M)
3	Consider other means, eg manual weeding or weed-resistant plants as an alternative to herbicide use	All staff

**5.8.3 Target 3:** The Harbour Authority will keep abreast of environmentally sustainable antifouling developments and practices, and purchase and manage practices accordingly. (All antifouling paints used by the Harbour staff are of a non TBT nature).

	<b>Task</b>	<b>Responsibility</b>
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| 1 | Supplies of anti-fouling agents will be regularly reviewed and updated to use the most environmentally sustainable and effective types | AHM(L&M) |
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**5.8.4 Target 4:** The Harbour Authority will continue in raising awareness of the toxic and persistent nature of many antifoulants within the marine environment. The Harbour Authority will support, observe and encourage the current best practices of antifouling use by all vessels within the Harbour.

<b>Task</b>	<b>Responsibility</b>
1 The Harbour Authority will encourage the use of its Batson Quay hull wash-down facility by all appropriate vessels	AHM(L&M)
2 Vessels engaged in antifouling works away from the Harbour's wash-down facility will be required to take all reasonable steps to contain and retrieve all antifoulant waste and dispose of it responsibly.	AHM(L&M)
3 The Harbour Authority will make appropriate use of its outreach media to raise awareness about the issue of antifoulants within the marine environment and the consequent costs involved to harbour users.	AHM(L&M)

## 5.9 – SCREENING OF SUPPLIERS

**5.9.1 Target :** A programme of awareness for employees, which will encourage the purchase, and use of 'environmentally friendly' products will be ongoing.

<b>Tasks</b>	<b>Responsibility</b>
1 Encourage staff to propose 'environmentally friendly' methods, procedures and products with to conduct our business	All staff
2 Wherever practical environmentally friendly products will be trialled to determine their effectiveness and suitability for the task	AHM(L&M)
3 Consider the use of recycled or reconditioned materials/equipment and seek to recycle redundant materials/equipment where practical	HM/AHMs

**5.9.2 Target 2:** Suppliers will be chosen wherever possible who are carrying products which are, so far as possible, sustainably resourced or which have the least environmental impact

<b>Tasks</b>	<b>Responsibility</b>
1 Require suppliers to make their environmental policy available	HM/AHMs



- 2 Obtain H&S/COSHH sheets for all products where available HM/AHMs

## 5.10 – RECYCLING

**5.10.1 Target 1:** Increase the scope of recycling facilities (eg introduce battery recycling etc).

Tasks	Responsibility
1 Periodically review existing recycling facilities and consider increasing reception where demand exists	HM/AHMs
2 Periodically review need for further types of recycling (eg batteries, used printer cartridges etc)	HM/ AHM (Admin)

## 5.11 – RECREATIONAL DISTURBANCE TO WILDLIFE, FLORA AND FAUNA

**5.11.1 Target 1:** Continue to educate the public on the potential impact of their activities on wildlife, flora and fauna in partnership with AONB Estuaries Officer and local stakeholders

Tasks	Responsibility
1 Provide information through literature (harbour guide, leaflets etc), press/social media and face to face interaction	All staff
2 Ensure adequate supplies of leaflets etc in the harbour office	Harbour office staff
3 Support activities and awareness campaigns led by the Estuaries Officer	All staff

**5.11.2 Target 2:** Consider designating more areas as ‘quiet’ areas or creeks.

Task	Responsibility
1 Review, in liaison with Harbour Board, estuary forum, Natural England, SHDC and others, existing ‘quiet’ areas and propose extensions as need/opportunity arises	HM
2 Educate the public of their impact on quiet areas	Afloat staff
3 Continue the ‘be wake aware’ campaign	HM
4 Promote the harbour as a Local Nature Reserve and as a quiet	HM

water-sports destination

**5.11.3 Target 3:** Support and monitor the effectiveness of the ongoing 'eco mooring' trial and investigate other alternatives.

Task	Responsibility
1 Incorporate survey of eco-mooring trial into routine seagrass surveys	HM/ AHM(Moorings)
2 Support eco-mooring trials where practical and in partnership with relevant organisations	HM/ AHM(Moorings)
3 Seek to reduce the seabed scour of existing moorings wherever practical, e.g. replacing annual moorings on the same footprint	HM/ AHM(Moorings)

**5.11.4 Target 4:** Manage the navigation of vessels when cetaceans are present within the harbour and report those suspected of reckless harassment

Task	Responsibility
1 Advertise and encourage the current best practice evolution of the Marine Animals Code-of-Conduct	HM
2 Actively manage the navigation of vessels when cetaceans are present and vessels are in danger of recklessly harassing the animals against the CROW Act legislation.	All staff

## 5.12 – RESOURCE CONSUMPTION - WATER, ELECTRICITY & FUEL

**5.12.1 Target 1:** All electricity and fuel consumption will be recorded and monitored in order to give a clear understanding of the consumption levels within the Harbour Authority and to check for any leaks.

Task	Responsibility
1 Record all electricity, water and fuel consumption	AHM (L&M)
2 Educate and if necessary intervene where HA provided resources are being used inefficiently by staff or the public	All staff

**5.12.2 Target 2:** All staff will be briefed on energy efficiency at regular intervals and encouraged to actively reduce energy consumption in their operations.

Task	Responsibility
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| 1 | Incorporate energy efficiency into routine discussions and briefs eg tool-box briefings | AHMs      |
| 2 | Adopt energy efficient measures eg turning off PCs at night etc                         | All staff |

**5.12.3 Target 3:** Through-life resource consumption will be a consideration during equipment acquisition (eg selecting fuel efficient models or buying smaller engines).

<b>Task</b>	<b>Responsibility</b>
1 Resource efficiency should be taken into account during acquisition considerations as well as the initial procurement costs, to determine approximate 'through life' energy consumption.	HM/ AHM (L&M)

**5.12.4 Target 4:** Encourage the public to conserve water, particularly on the pontoons

<b>Task</b>	<b>Responsibility</b>
1 Add 'push button' taps onto pontoon hoses	AHM (L&M)
2 Brief permanent and seasonal staff to monitor water use by the public, taking action to prevent needless waste (eg unattended hoses)	AHMs, All staff