

Environmental Management Practices



Activity: Public Access and Recreation

EMP No. O-10

Description:

Promote increased public access and recreational opportunities while preventing releases of pollutants associated with the use of these areas.

Targeted Activities:

Solid waste disposal
Sewage disposal
Removal of contaminated bilge water
Management of fishing wastes

Development EMPs:

Design new facilities to:

- Accommodate current use and future growth; conduct planning studies, if necessary
- Accommodate sizes and types of vessels expected to be used
- Provide safe on- and off-loading facilities
- Provide adequate parking
- Provide sewage pump-out facilities
 - Easy access and low costs will encourage the use of pumpouts and improve water quality
- Provide bilge water management options including low cost or no cost absorbent pads
 - Provide disposal containers for used pads
- Pumpouts for bilge water should be connected to oil/water separator and sanitary sewer
- Provide space for fish cleaning, usually a covered area with drain connected to sanitary sewer
- Provide adequate solid waste storage facilities
- Include oil/water separators in parking lots
- Maintain oil/water separators as discussed in EMP O-6
- Provide space for onshore maintenance including lubrication, painting
 - Area should be connected to oil/water separator and sanitary sewer



Potential Pollutants:

Solvents
Petroleum Hydrocarbons
Metals
Solid Waste

Target Environmental Media:

Surface Water

US Regulatory Requirements & Guidance:

40 CFR 50 -99 Clean Air Act Regulations
40 CFR 112 Oil Pollution Prevention (SPCC/OPA Plans)
40 CFR 117.3 Determination of Reportable Quantities for a Hazardous Substance
40 CFR 122-124 NPDES Regulations for Storm Water Discharges
40 CFR 260-262, 268, and 270-272 Hazardous Waste Management
State and Local Regulations as appropriate to the Port

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Operational EMPs:

Develop education materials for users:

- Proper use of pumpout facilities
- Proper disposal of solid wastes

Conduct daily inspection and maintenance of access locations

- Ensure pumpout facilities are in working order
- Ensure solid waste receptacles are emptied frequently
- Ensure absorbent pads are available, and disposal facilities for pads clearly marked
- Ensure oil/water separators are cleaned regularly
- Ensure all areas of access are properly lighted to reduce chances of undetected spills and leaks

Provide adequate signage

- Location of pumpout facilities
- Location of solid waste receptacles
- Location of onshore restrooms

Encourage use of onshore restroom facilities instead of on-board heads when in port

Discourage maintenance activities unless appropriate space is provided

- Have written rules of use regarding paint stripping and painting activities, and the use of lubricants and coolants
- Provide separate receptacles for used oils, fuels, and coolants.

Do not allow in-water boat cleaning

- Encourage use of phosphate free soaps and detergents
- Encourage use of alternative antifouling paints
- Encourage frequent cleaning of hulls to reduce buildup of hard growth
- Encourage use of "natural" cleansers instead of solvents

Considerations:

- Development costs are moderate to high, depending on the size of the facility and services provided
 - Funds to purchase and install sewage pumpout facilities may be available from the USFWS under Clean Vessel Act funds.
- Inspection staff should be available on a daily basis to repair equipment and ensure that solid waste receptacles are provided
- Properly designed and maintained access facilities can substantially reduce the amount of pollutants entering a harbor