

Best Management Practices (BMPs) For Harbor Users and Tenants **To Prevent Pollutants From Entering Kewalo Basin**

Kewalo Basin Harbor is vital to its community of users and tenants for their livelihood and income. Thus, it is imperative that everyone in this unique community do as much as they can to prevent pollutants from entering the Harbor. Pollutants are prohibited from entering the Harbor under the Kewalo Basin Rules.

When it rains, storm water comes into contact with surfaces such as: boats/vessels; docks/piers; sidewalks; and parking lots. Oil, grease, trash, detergents, paint chips, sanding debris and other pollutants are picked up as storm water travels across these surfaces and discharges into the Harbor, and ultimately, into the open ocean. These pollutants degrade the quality of water in the Harbor and the open ocean, and could harmfully affect the livelihood of the harbor community as well as the well-being of anyone who enjoys ocean activities.

Here are some suggested best management practices (BMPs) that should be included in your maintenance activities to help eliminate pollutants that can enter the Harbor and the ocean:

Engine Maintenance and Repairs

1. If the water in the bilge has an oil sheen, use a bilge sock to absorb it and dispose of the bilge sock appropriately.
2. When changing the oil filter, add an absorbent pad/bilge sock to the bilge.
3. Perform engine and stern drive unit repair over land, such as in a dry dock, slipway, or haul-out facility, instead of over the water.
4. Use a wire brush to pre-clean engine parts.
5. Do not wash engine parts over the water or in the parking lot surrounding the harbor. Use a container or parts washer with a lid to wash engine parts.
6. Dispose of used oil, diesel fuel, and oily bilge water in the oil collection station near the Harbor Agent's Office.

Sanding and Painting

1. For sanding/painting jobs that involve less than 25% of the surface above water line, use tarp or other containment device to collect wastes from the project. Use magnets or poles to secure the tarps. For large or hull sanding/painting jobs, perform the work in a dry dock, slipway, haul-out facility or other location away from a waterbody or send the work to a vendor that specializes in painting and sanding.
2. Buy/rent a dust-less sander, which collect chips and dusts and eliminate the release of toxic materials and particulates or use a heated paint stripper to remove unwanted paint.
3. Do not sand or paint on a windy day.
4. Buy low-volatile organic compound (VOC) paints. Paint by hand or use a high pressure low volume paint gun.
5. Limit the amount of open solvents or paints on dock to one gallon or less.
6. Always mix paints and epoxy over a tarp.
7. Properly clean up and store materials after use daily and dispose of waste materials properly.

Vessel and Equipment Cleaning

1. Use wet sponge to clean exterior surfaces. If you rinse, use fresh water only.
2. Use cleaners that do not contain harmful chemicals. Look for cleaners that are non-toxic, biodegradable, and do not contain phosphates, chlorine, bleach, ammonia, artificial fragrances or petroleum products.

Pier, Deck, and Floor Cleaning

1. Do not dump, sweep or wash debris and wastes into curbs, curb cut out, or over the side of the pier.
2. Use a broom to sweep up debris and waste and dispose of in a trash receptacle.
3. Repair or replace leaking connections, valves, pipes, hoses, and equipment that come into contact with storm water

Spill Prevention, Control and Cleanup

1. Keep all chemicals and hazardous materials containers closed when not in use, store materials in secondary containment and under cover to prevent rain water from coming into contact with materials and running off into the harbor.
2. Keep spill response materials such as absorbent pads, kitty litter, and rags in an area that is easily accessible in the event that a spill occurs.
3. If a spill occurs, stop or control the release at the source. Use appropriate materials to block the flow and prevent it from entering the harbor. Sweep up dry spills and use absorbent pads, kitty litter, or rags to absorb wet spills. If the spill discharges to the harbor use an oil only boom to contain spill and contact Harbor Master Office immediately.

Kewalo Harbor Office (08) 594-0849

Kewalo Harbor Master (808) 594-0851

Solid Waste Disposal

1. Carry trash bags to store waste materials and stow where bags will not be blown overboard.
2. Place discarded cigarette butts in a sealed container.
3. Dispose of all garbage in the proper trash receptacles.

Sewage

1. Use on-shore facilities while in the harbor.
2. Store sewage in holding tank/porta-potty and dispose of properly at pump-out stations.
3. Ensure Marine Sanitation Devices (MSD's) are working properly and discharge the treated waste only when your boat is more than three (3) nautical miles from shore.

Material Storage and Disposal

1. Keep all chemicals and hazardous materials containers closed when not in use, store materials in secondary containment and under cover to prevent rain water from coming into contact with materials and running off into the harbor.
2. Inspect storage containers periodically for leaks. Replace containers that are leaking and make sure they are properly labelled.
3. Dispose of waste products properly. Used oil, diesel fuel, and oily bilge water may be disposed in the oil collection station near the Harbor Agent's office.
4. If a spill occurs, stop or control the release at the source. Use appropriate materials to block the flow and prevent it from entering the harbor. Sweep up dry spills and use absorbent pads, kitty litter, or rags to absorb wet spills. If the spill discharges to the harbor use an oil only boom to contain spill and contact Harbor Master Office immediately.

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Fueling

1. Follow the fueling procedures outline in the Kewalo Harbors Rules. Procedures available online at <http://kewaloharbor.com/slip-information/harbor-rules/>.

Parking Lot Activities

1. Check your vehicles regularly for leaks and repair all leaks promptly.
2. Vehicle washing is not allowed at the Harbor. Take your car to a commercial car wash or wash it over/in an area that discharges to gravel or grass. Alternatively, contain wash water and dump it on a gravel or grassy area.
3. Dispose of all garbage in the proper trash receptacles.