



**CITY OF CORONADO**  
**COMMUNITY DEVELOPMENT**

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## **City of Coronado Public Handout #8** **POLLUTION PREVENTION MEASURES**

**Purpose:** Delineate Best Management Practices (BMP) for construction site pollution control.

**Authority:** City of Coronado Municipal Code Title 61: "Stormwater and Urban Runoff Management and Discharge Control".

The City of Coronado requires contractors to prepare and implement a program to prevent storm water runoff from their construction sites. The construction industry oftentimes unknowingly contributes to stormwater pollution through the dumping of construction materials, dirt, vehicle fluids, trash and human waste which get into the stormdrain system and ultimately into the ocean and bay.

The intent of Title 61 is to protect and enhance the water quality of our watercourses, water bodies, and wetlands pursuant to and consistent with the Federal Clean Water Act and the National Pollutant Discharge Elimination System (NPDES) Permit Order 2001-01.

**Action:** The BMP listed hereafter shall be included on the title sheet or site plan sheet for all new construction and major renovation/addition projects.

**Note:** For additional information about urban runoff and pollution prevention, or to report a violation, please contact the City of Coronado Department of Public Services Hotline (619) 522-7380 or visit us online at [www.coronado.ca.us/PubServCoast1.asp](http://www.coronado.ca.us/PubServCoast1.asp).

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## **POLLUTION PREVENTION MEASURES FOR CONSTRUCTION**

### **WORKING NEXT TO THE OCEAN OR BAY**

- Be sure to have all necessary permits from all local, State, and Federal agencies before starting any work.
- Use all BMP listed below and any special requirements outlined in the permits when working in sensitive areas.

### **WASTE MANAGEMENT**

- Store materials in closed or covered areas.
- Keep covers on all trashcans and dumpsters.
- Keep the areas around your trash receptacles free of debris.
- Keep trash receptacles in a covered area to prevent wind or rain from getting into the trash.
- Prevent liquids from leaking out of the trash area and entering the storm drain system.
- Maximize the number of trashcans to prevent littering.
- Waste being held for recycling or disposal should be held separately and covered.
- Practice source reduction. Reduce waste by ordering only the amount needed to finish the job.
- Recycle materials when possible. Materials such as concrete, asphalt, scrap metal, solvents, degreasers, cleared vegetation, paper, rock, and vehicle maintenance materials like used oil, antifreeze, batteries and tires are also recyclable. Call the City of Coronado Department of Public Services at (619) 522-7380 for more information on recycling.
- Be sure that trailers carrying your materials are covered during transit.

### **CONSTRUCTION**

- Keep all loose materials such as sand, rock, dirt or mulch covered and contained so as not to spread or enter the storm drain system. Keep these materials separate from other materials.
- Do not work or store materials in the street, sidewalk, or areas exposed to rain or runoff. If work must be done outside, construct a separate, bermed area that does not drain to the storm drain. If you must use the street to work or store materials, you must apply for a "work-in-the-right-of-way" permit. You may apply at the Engineering and Project Development Department (619) 522-7383.
- Protect all storm drain inlets using berms, screens or filter fabric cloth or other BMPs to prevent sediments from entering the storm drain system during your construction and during rain events.
- Cover exposed piles of soil, gravel or construction materials and waste with plastic sheeting or temporary roofs.
- Use terracing, erosion control blankets, riprap, fiber rolls (straw wattles), gravel bags, rock, straw bales, silt fences or vegetation to reduce runoff velocity and to trap sediments. Before expected rain events, sweep and remove materials from surfaces that drain to the curb and gutter, catch basins and the street.
- Maintain your erosion control systems. Inspect them regularly for effectiveness.
- When saw-cutting asphalt or concrete, use a vacuum or other effective capture and containment system to collect all water and sediment.
- When a project is completed, pick up and sweep dirt and debris from all work areas including the street, sidewalk, curb and gutter and the alley.
- Do not wash down work areas and equipment on surfaces that drain to the storm drain system.
- Clean all vehicle and equipment tires and undercarriages to remove any mud and debris onsite and prevent tracking into the street.
- If an accidental spill of any liquid materials, building material or hazardous waste occurs, absorbents must be applied immediately to prevent the spill from entering the City's right of way. When the spill is controlled and absorbed, the absorbent must be cleaned out and disposed of properly.

## **CONCRETE CONSTRUCTION**

- Keep concrete, plaster and cement mortars out of the street, gutter, storm drain basins and sewers.
- Store dry and wet materials off the street and under cover, protected from rainfall and runoff.
- Wash out concrete transit mixers and tools only in designated washout areas. Identify the washout areas with signs.
- Place a berm on both sides of the transit mixers to contain all that may spill during the pour and truck clean up. Use vacuum equipment or other effective capture systems to clean up any spills from transit mixers.

## **PAINTING**

- Never clean brushes, spray equipment or rinse paint containers into a street, gutter, catch basin or a storm drain.
- Water-based paintbrushes may be rinsed in a drain leading to the sanitary sewer.
- Oil-based paints, thinners and sludge must be disposed of as hazardous waste.
- Water-based paints may be recycled. For more recycling information, you may call Coronado Public Services at (619) 522-7380.

## **DEWATERING**

- You must apply for a permit prior to dewatering in the City of Coronado. You may apply at the Coronado Engineering and Project Development Department (619) 522-7383.
- Create and follow a dewatering plan to provide adequate treatment or containment during the dewatering process.

## **DEMOLITION**

- Use terracing, erosion control blankets, riprap, fiber rolls (Straw wattles), gravel bags, rocks, straw bales, silt fences, or vegetation to reduce runoff velocity and trap sediment.
- Place straw, hay bales, silt fences, jute netting or vegetation on all exposed ground immediately after grading operations are complete.
- Do not store materials in the street, sidewalk or the parkway. If you need to use these areas for staging, you may apply for a “work-in-the-right-of-way” permit at the Coronado Department of Engineering and Project Development.
- Clean all vehicles and equipment tires to remove any dirt, mud and debris on site to prevent tracking onto the street.
- Protect the storm drain system by using berms, screens, filter fabric cloth or other BMPs to prevent sediments from entering the storm drain system during demolition and rain events. Inspect your BMPs for effectiveness and make necessary adjustments.
- Sweep all dirt and debris from the street, gutters and sidewalks when you are completed with your project or between loads if there is a long wait from truck to truck.