



DEWATERING OPERATIONS

DEFINITION AND PURPOSE:

Dewatering operations are practices, such as dewatering bags, filter socks, and pump trucks, that manage the discharge of pollutants when non-stormwater and accumulated precipitation must be removed from a work location so that construction work may be accomplished. **Water cannot be directly pumped into the City's storm sewer system, streams, or lakes.**

APPROPRIATE APPLICATIONS:

These practices are implemented for removing standing stormwater and non-stormwater from construction sites. Non-stormwaters include, but are not limited to, groundwater, water from cofferdams, water diversions, and waters used during construction activities that must be removed from a work area. Practices identified in this section are also appropriate for implementation when managing the removal of accumulated precipitation (stormwater) from depressed areas at a construction site.

CONDITIONS FOR EFFECTIVE USE:

Type of Flow: Standing water.

WHEN BMP IS TO BE INSTALLED:

Prior to work being done in or adjacent to standing water.

STANDARDS AND SPECIFICATIONS:

Site conditions will dictate the design. A dewatering plan should be submitted as part of the SWPPP detailing the location of dewatering activities, equipment, and discharge point. Additional permits or permissions from other agencies may be required for some dewatering operations. Sediment control and other appropriate BMPs (e.g outlet protection/energy dissipation, sediment trap, weir tank, gravity bag filter, sand media particulate filter, pressurized bag filter, etc.) need to be employed when water is discharged. Dewatering discharges must not cause erosion at the discharge point.

OPERATION AND MAINTENANCE PROCEDURES:

Inspect all BMPs associated with the dewatering, repair or replace to ensure the BMPs function as designed. Accumulated sediment removed during the maintenance of a dewatering device can be incorporated into the site. Accumulated sediment that is co-mingled with other pollutants must be disposed of in accordance with all applicable laws and regulations.

SITE CONDITIONS FOR REMOVAL:

Remove the dewatering operation when work in or adjacent to the standing water has ceased.

TYPICAL DETAILS:

RM-11