

Activity 125 Water Quality Facilities

Description

Activity 125 involves maintaining and repairing facilities designed to protect water and environmental quality, including sedimentation ponds or basins, grassy swales, compost filters, floodgates, and wetlands. The work includes cleaning, mowing, rototilling, hauling and disposing of removed material, reseeding or replacing vegetation, and repairing the facilities as needed. It also includes any remediation or disposal costs associated with operating the facilities.

General Instructions

Work with the District Manager and the Region Environmental Coordinator, if any harmful materials may be present or encountered, to determine and accomplish needed testing and containment before starting the work.

Inspect each facility as required, preferably at least annually. Clean as required.

Some water quality facilities have a maintenance and operation plan that requires inspection at regular intervals and requires specific maintenance to be performed at specified times. The Transportation Maintenance Manager must comply with the requirements of the maintenance and operation plan for those facilities.

Work under this activity may involve areas that contain endangered species. Refer to the *Resource Area Maps* and comply with all restrictions for work in those areas. Seek assistance from the District Manager and the Region Environmental Coordinator as needed.

Controlling Erosion, Sedimentation, and Pollutants or Contaminants

Plan and implement methods to control erosion, sedimentation, and pollutants or contaminants, including those discussed in the Control of Erosion, Sedimentation, and Pollutants or Contaminants section of this Guide and the *ODOT Routine Road Maintenance Water Quality and Habitat Guide Best Management Practices*.

As appropriate, implement and maintain devices and processes including those described in the *Field Manual for Erosion and Sediment Control*.

If needed, test material for materials that may be harmful to the environment. Dispose of waste or excess material in an appropriate location.

Temporary Protection and Direction of Traffic

Plan, implement, and maintain traffic control as addressed in the *Traffic Control on State Highways for Short Term Work Zones* handbook.

Equipment

Select equipment as needed for the work and situation.

Materials

Materials may include:

- Devices to control erosion, sedimentation, and pollutants or contaminants.
- Replacement components, such as compost filters.
- Seed, etc. or replacement plant materials.

Work Method

1. Implement appropriate traffic control.
2. Implement appropriate measures to control erosion, sedimentation, and pollutants or contaminants.
3. If needed, test any materials to be disturbed for harmful effects before starting work.
4. Perform needed cleaning, maintenance, restoration, or repairs.
5. Remove traffic control.
6. Dispose of any removed or excess material in an appropriate location.

Measurement of Accomplishment, Expenditure Account, and Charge Activity

Measurement is number of worker hours involved. Expenditure account type is Highway EA.

- Charge TEAMS Activity 125 if fish passage is not involved.
- Charge TEAMS Activity 355 if the work involves maintaining or restoring fish passage.