

**OPERATION AND MAINTENANCE PLAN
PUMPING PLANT
CODE 533**

Landowner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

Operation and maintenance (O&M) is necessary for all conservation practices and is required for all practices installed with the Natural Resources Conservation Service assistance. The land user is responsible for proper O&M throughout the life of the practice and as may be required by federal, state, or local laws or regulations.

Operation refers to operation of the practice in compliance with all laws, regulations, ordinances, and easements; and in such a manner that will result in the least adverse impact on the environment and will permit the practice to serve the purpose for which it was installed. Maintenance includes work to prevent deterioration of the practice, repairing damage, or replacing components which fail.

Necessary operation and maintenance items for this practice include:

- Maintain pump, electrical, and other related equipment within the electrical code and manufacturer's recommendations.
- Inspect metal surfaces for rust and other damage. Especially inspect sections in contact with earthfill and/or other materials. Repair or replace damaged sections and apply a protective covering.
- Maintain vigorous growth of desirable vegetative coverings in surrounding areas. This includes reseeding, fertilizing and application of herbicides when necessary. Periodic mowing may also be needed to control height.
- Maintain area around pump and other equipment. Remove all debris that hinders system operation. Provide and maintain adequate surface water drainage around the pumping plant area.
- Protect the pumping plant from freezing where needed. If parts of the system cannot be drained, a non-toxic antifreeze solution may be added.
- Remove rodents and/or burrowing animals that have or may damage any part of the facility. Repair any damage caused by their activity.
- Repair any vandalism, vehicular, or livestock damage.

Other _____

