

**OPERATION AND MAINTENANCE PLAN
OPEN CHANNEL
CODE 582**

Landowner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained open channel system is an asset to the farm. This system was designed and installed to safely transport normal, high and flood flows. The estimated life span of this installation is approximately 10 - 20 years. The life of this system can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- Maintain open channel vegetation for flow efficiency, erosion control, fish and wildlife habitat and aesthetics.
- Repair or replace bank protection materials displaced by erosion, animals, vehicles and vandalism.
- Maintain grade control structures necessary for stream bottom and bank stability.
- Periodically remove sediment bars that may damage bank protection, reduce channel capacity, or damage stream channel stability. Sediment removal must consider wetland regulation, fill and removal permit regulation, fish habitat needs, and period of the year work can be performed.
- Maintain improvements provided for fish and wildlife habitat, and riparian vegetation.
- Maintain safety measures for protection of people and animals.
- Maintain travel-ways that provide access for operation and maintenance of open channel systems and associated measures.
- Maintain installed fences to control access.
- Repair any vandalism, vehicular or livestock damage.

Other _____
