U.S DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
WYOMING

OPERATION AND MAINTENANCE PLAN
IRRIGATION WATER CONVEYANCE
NON-REINFORCED CONCRETE DITCH AND CANAL LINING
CODE 428-A

Landowner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

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OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained lined irrigation ditch or canal is an asset to the farm. This lining was designed and installed to reduce water loss in the irrigation delivery and/or head ditches. The estimated life span of this installation is at least 10 years. The life of the lining 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 adequate drainage of foundations.
- ❑ Maintain widths of soil berms or banks. Avoid use of tillage equipment that accelerates soil removal.
- ❑ Drain all lined ditches and canals when not being used. Repair any cracks or breaks in the lining, and if settlement is present, investigate cause before repair.
- ❑ If livestock are present, prevent their access to linings and provide other drinking water facilities.
- ❑ Remove any blockages (sediments, debris, foreign material etc.) that restrict flow capacity.
- ❑ Repair any rodent, burrowing animal, vandalism, vehicle, or livestock damage.

Other _____

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