



OPERATION AND MAINTENANCE PLAN

“IRRIGATION WATER CONVEYANCE AND CANAL LINING”

CONVEYANCE

Landowner/Operator: _____ **Date:** _____

Address: _____

Legal description of practice location: SEC _____ T _____ R _____

OVERVIEW

A properly operated and maintained lined irrigation ditch is an asset to your farm. This lining was designed and installed to reduce water loss in your irrigation delivery and/or head ditches. The performance life of the structure can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic operation and maintenance to maintain satisfactory performance. The following recommendations will help you in performing adequate operation and maintenance.

GENERAL RECOMMENDATIONS

- Maintain adequate drainage of the foundation,
- Maintain the widths and heights of soil berms adjacent to the lining.
- Drain all lined ditches when not being used.
- Immediately repair any cracks or breaks in the lining. Investigate cause before repair and take measures to prevent re-occurrence.
- Avoid the use of tillage equipment adjacent to the lining that accelerates soil removal.
- If livestock are present, prevent their access to the lining and provide a system of watering.
- Remove sediment, debris or any blockage that restricts capacity.
- Remove woody vegetation and perennials from areas adjacent to lining,
- Repair spalls, cracks and weathered areas in concrete surfaces.
- Immediately repair any vandalism, vehicular or livestock damage.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.

