

U.S. Department Of Agriculture  
Natural Resources Conservation Service  
Nevada

**Operation and Maintenance Plan  
Irrigation Land Leveling (464)**

Landowner/Operator: \_\_\_\_\_  
Project: \_\_\_\_\_  
Location: \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  
NRCS Office: \_\_\_\_\_ Phone: \_\_\_\_\_

*A properly operated and maintained Irrigation Land Leveling is an asset to your farm. Land leveling was designed to improve surface irrigation water application uniformity. The estimated life span of this installation is at least 15 years and can be assured and usually increased by carrying out the following recommendations.*

**OPERATION AND MAINTENANCE CHECKLIST**

- Avoid use of tillage equipment that leaves ridges or depressions that cannot be removed by subsequent tillage operations.
- Periodically use a planing operation to reestablish the installed field gradient. High efficiency surface irrigation systems on cultivated ground require releveled or "touch up" every growing season. With on-farm laser controlled equipment, releveled every year has been shown to be approximately the same cost as releveled every third or fourth year. Increased irrigation uniformity is a benefit of more frequent re-establishment of planned leveling grades and elevations.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Immediately repair any vandalism, vehicular, or livestock damage.

Other \_\_\_\_\_  
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