

## **APPENDIX D**

### **IMPLEMENTATION COSTS FOR FULL SUITE OF MANAGEMENT TOOLS**

Some of the costs in this appendix are based on a predictive model. Actual acres and on-the-ground costs may vary.

#### Inventory and Monitoring

Average annual costs for inventory and monitoring of prairie dogs and black-footed ferrets include GPS/GIS mapping, prairie dog density surveys, pre-treatment ferret surveys and required ferret relocation work.

Alternative 1 - 10,000 acres @ \$5/acre = \$50,000

Alternative 2 - 11,000 acres @ \$5/acre = \$55,000

Alternative 3 - 10,000 acres @ \$5/acre = \$50,000

#### Rodenticide

Average annual costs include rodenticide, pre-bait, application, contract preparation, administration, and supervision.

Alternative 1 - 400 acres @ \$15/acre = \$6,000

Alternative 2 - 10,900 acres @ \$15/acre = \$164,000

Alternative 3 - 8,400 acres @ \$15/acre = \$126,000

#### Management of Limited and Regulated Recreational Prairie Dog Shooting

(Management of regulated prairie dog shooting includes signing, law enforcement personnel and vehicles for MA 3.63 in Conata Basin)

Alternative 1 - Not Applicable

Alternative 2 - \$50,000

Alternative 3 - \$50,000

#### Vegetation Management Fencing

Management fencing includes materials and construction costs.

Alternative 1 - 70 miles @ \$2,500/mile = \$175,000

Alternative 2 - 25 miles @ \$2,500/mile = \$62,500

Alternative 3 - 25 miles @ \$2,500/mile = \$62,500

### Land Adjustment Program and Third Party Solutions

Land adjustment costs vary dependent upon the size and complexity of the land exchange case. Costs could be reduced through the use of consolidated land exchanges or third party land exchanges. Third party solution costs will vary greatly depending on the type of solution and the period of time for conservation agreements.

### Summary of Implementation Costs

The total implementation costs for each alternative will vary dependent on which management tools are emphasized and the mix of management tools utilized to achieve boundary management for prairie dogs. Land adjustment and third party solutions would likely reduce the annual prairie dog management costs for rodenticide, management fencing, and regulated shooting. Visual buffer fencing and live-trapping prairie dogs for the ferret program or translocation are optional tools that will be used sparingly due to costs and effectiveness.