

NEVADA NRCS-WETLAND RESERVE PROGRAM

FY 2014

Rating Score

Client Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ Application No. \_\_\_\_\_

Evaluators: \_\_\_\_\_

Check WRP Option: Perpetual Easement \_\_\_\_\_ \*30 -Year Contract \_\_\_\_\_ 30 Year Easement \_\_\_\_\_

10 Year Restoration Agreement \_\_\_\_\_ \*(30 Year contract is only for tribal land)

Percentage of Offered Acres with Hydric Soils based on Soils Map (Estimated) \_\_\_\_\_

**WRP FUNDING POOL**

Regular WRP Application Yes \_\_\_ No \_\_\_ Sage-grouse Initiative WRP Application Yes \_\_\_ No \_\_\_

Acreage Proposed for Restoration \_\_\_\_\_

Total Acres Offered \_\_\_\_\_

Present Land Use Type Acres

Proposed Land Use Types (ac)

Ag Type \_\_\_\_\_

Wetlands \_\_\_\_\_

Woody Riparian \_\_\_\_\_

Upland \_\_\_\_\_

	<u>Maximum</u>	<u>Points</u>
FACTOR 1 RESTORED HYDROLOGY (Present Condition)	25	_____
FACTOR 2 RESTORED HYDROLOGY (Future Condition)	25	_____
FACTOR 3 SENSITIVE SPECIES	30	_____
SAGE-GROUSE (SGI Funded Applications Only)	15	_____
FACTOR 4 HABITAT DIVERSITY	20	_____
FACTOR 5 ADJACENT PROTECTED HABITAT	15	_____
FACTOR 6 SURROUNDING HABITAT	15	_____
FACTOR 7 RESTORED HYDROLOGY (Soil Factors)	40	_____
FACTOR 8 SIZE OF OFFERING	15	_____
FACTOR 9 COST RANKING SCORE	40	_____
FACTOR 10 PARTNERSHIP POINTS	<u>20</u>	_____
<b>Total</b>	<b>260</b>	_____

\_\_\_\_\_  
Signature - FWS Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature - WRP Technical Team Leader

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature - District Conservationist

\_\_\_\_\_  
Date

\_\_\_\_\_  
Landowner Review

\_\_\_\_\_  
Date

**1. RESTORED NATURAL HYDROLOGY (Present Condition)**

\*Hydrology Functions Absent (Example: Prior Converted Wetland does not Pond or Flood for 15 Consecutive Days) (25 Points)

\*Hydrology Functions Degraded (Example: Farmed Wetlands or Wetlands Farmed Under Natural Conditions, still Ponds or Floods for 15 days or more) (20 Points)

**Note:** Cropland that has been restored to wetland voluntarily will be scored according to its prior condition.

\*Restored Prior Converted Wetlands (25 Points)

\*Formerly Farmed Wetland or Wetlands Farmed Under Natural Conditions (20 Points)

**Note:** If more than one situation, making up 25% or more of the offered acreage, calculate the weighted average.

Total \_\_\_\_\_  
(Maximum - 25 points)

Field Notes: (describe the natural and supplemental hydrology, type and source of water, and dependability of supplemental sources). \_\_\_\_\_

**2. HYDROLOGY RESTORATION/Expected Future Condition as Functioning Wetland**

\*High Probability of Restoration on at least 50% of the offered acres, or Supplemental Water readily available during the growing season with Vernal Pool Complex > 15% of the offered acres. (25 Points)

\*High Probability of Restoration on 25-50% of the offered acres, or Supplemental Water available during growing season. (20 Points)

\*Probability of Restoration on < 25% of the offered acres. (10 Points)

**Note:** If more than one situation, making up 25% or more of the offered acreage, calculate the weighted average.

Total \_\_\_\_\_  
(Maximum - 25 points)

Field Notes: (describe restorable hydrology, ponding/flooding probability, source and reliability of supplemental water). \_\_\_\_\_

**3. SENSITIVE SPECIES**

-Listed Federal & State T&E Species 5 points each  
 -Species of Concern: Any Species listed in the State Wildlife Action Plan 3 points each  
 Species Total \_\_\_\_\_  
 (Maximum - 30 points)

**Sage-grouse Habitat Points-** Only SGI funded WRP's  
 Protect Core Area Habitat (15 Points)  
 Sage-grouse Range (5 Points) Total \_\_\_\_\_  
 (Maximum 15 Points)

SEASON	SPECIES	HABITAT	SEASON
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Number of Habitat Elements Anticipated Following Restoration for each selected Wetland Type**

**\*Wetland Types**

**\*\*Habitat Elements are components of each wetland type**

**\_\_\_ \*Forested/Scrub Shrub**

\_\_\_ *Open Water (>3 ft deep)*

\_\_\_ *Submergents*

\_\_\_ *Shrubs/Trees*

\_\_\_ *Associated Uplands*

**\_\_\_ \*Vernal Pools**

\_\_\_ *Mud Flat*

\_\_\_ *Submergents*

\_\_\_ *Emergents*

\_\_\_ *Associated Uplands*

**\_\_\_ \*Seasonal Herbaceous**

\_\_\_ *Mud Flat*

\_\_\_ *Open Water*

\_\_\_ *Emergents*

\_\_\_ *Shrubs/Trees\*\*\**

\_\_\_ *Associated Uplands*

**\_\_\_ \*Semi-permanent Herbaceous**

\_\_\_ *Mud Flat*

\_\_\_ *Open Water*

\_\_\_ *Submergents*

\_\_\_ *Trees/Shrubs\*\*\**

\_\_\_ *Associated Uplands*

**\_\_\_ \*Coastal/Tidal**

\_\_\_ *Mudflats*

\_\_\_ *Open Water*

\_\_\_ *Submergents\*\*\**

\_\_\_ *Emergents\*\*\**

\_\_\_ *Shrubs/Trees\*\*\**

\_\_\_ *Associated Uplands*

**Points for Habitat Elements for each Wetland Type**

All (15 points)

All but One (10 points)

All but Two (5 points)

Three or More Absent (1 point)

Total \_\_\_\_\_

(Maximum - 20 points)

**FOOTNOTES:**

\* Check appropriate wetland type evaluated and the Habitat Elements present.

\*\* The Habitat Elements listed below each Wetland Type must occupy at least 10% of the specific associated Wetland Type to be considered present. (Best estimate)

\*\*\* Considered in this Wetland Type only if present historically and will occupy at least 5% of the restored wetland. (Best estimate)

**Note: ADD 5 ADDITIONAL POINTS FOR MORE THAN 1 WETLAND TYPE**

Field Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- \*Adjacent to Existing Easement, Refuge or other Protected Area..... (15 points)
- \*Protected Habitat within 1 mile..... (10 points)
- \*Protected Habitat greater than 1 mile..... (5 points)

Total \_\_\_\_\_  
(Maximum - 15 points)

Field Notes: Document type and size of protected area and distance from Proposed Easement.

<u>TYPE OF PROTECTED AREA</u>	<u>DISTANCE</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Additional Field Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Adjacent Habitats**

- \* 3 Habitat Types, or Wetlands, making up greater than 75% of the adjacent land use types. (15 points)
- \* 2 Habitat Types, or Wetlands making up greater than 50% of the adjacent land use types. (10 points)
- \* 1 Habitat Type, or Wetlands, making up greater than 25% of the adjacent land use types. (5 points)
- \* 1 Habitat Type, or Wetlands, making up less than 25% of the adjacent land use types. (1 point)

**Check all Habitat Types that apply:**

- |                                          |                                            |                                      |
|------------------------------------------|--------------------------------------------|--------------------------------------|
| <input type="checkbox"/> Grassland       | <input type="checkbox"/> Grain Crops       | Total _____<br>(Maximum - 15 points) |
| <input type="checkbox"/> Woodland        | <input type="checkbox"/> Irrigated Pasture |                                      |
| <input type="checkbox"/> Brush/Scrubland | <input type="checkbox"/> Woody Riparian    |                                      |
| <input type="checkbox"/> Wetlands        |                                            |                                      |

Field Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(Potential to restore water features based on soil characteristics)

**\*Flooding Potential: Temporary Inundation by Flowing Water**

- Frequent (>50 events in 100 years) (15 points)
- Occasional (5-50 events in 100 years) (5 points)
- Rare (1-5 events in 100 years) (1 point)

**\*Ponding: (Determined by Permeability, Soil Type, Physiographic Position)**

- Very Slow (15 points)
- Slow (10 points)
- Moderate (5 points)
- Moderately Rapid (3 points)
- Excessive (1 point)

**\*Saturation: (Depth to Water Table)**

- 0 to 1 foot (10 points)
- 1 to 3 feet (5 points)
- Greater than 3 feet (1 point)

Total \_\_\_\_\_  
(Maximum- 40 points)

**Note:** Refer to local soil survey data for specific categories related to flooding, permeability and depth to water table. Points for a high water table may be considered even though the water table is seasonal.

Field Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 100 acres or Greater (15 points)
- Less than 100 acres, but greater than 40 acres (10 points)
- 20 to less than 40 acres (7 points)
- Less than 20 acres (0 points)

Total \_\_\_\_\_  
(Maximum - 15 points)

**Note:** Parcels smaller than 20 acres are not eligible to be enrolled based on the Wetland Reserve Program requirements. However, parcels smaller than 20 acres may receive special consideration if the land is providing critical remnant wetland habitat for a US Fish & Wildlife Service listed endangered species. Special consideration status will need to be closely evaluated by the Nevada NRCS State Biologist, the US Fish & Wildlife Service, and the NRCS easement program staff.

Low: Average restoration cost is less than \$500/acre (40 points)

Moderate: Average Restoration cost is \$500-\$1500/acre (30 points)

High: Average Restoration cost is greater than \$1500/acre (20 points)

Total \_\_\_\_\_  
(Maximum - 40 points)

**Note:** Partnership contributions include real dollar donations to a project that actually reduce NRCS' total costs for the easement. NRCS does not consider technical assistance for surveying, design and planning to be a partnership contribution, since these services are not considered in the overall cost of the project. Projects receive partnership points proportionately as the NRCS costs are reduced.

Estimated Cost of restoration for project based on Preliminary Restoration Plan \$ \_\_\_\_\_

Partnership Contribution (Entity- \_\_\_\_\_) \$ \_\_\_\_\_

Contribution's Percentage of restoration cost \_\_\_\_\_

Total \_\_\_\_\_  
(Maximum - 20 points)

**Note:** One point can be given for every percentage that NRCS' estimated Restoration cost is reduced (Maximum 20% = 20 points)

**OR**

Nevada Geographic Area Rate Cap - (GARC) Value for offered land \$ \_\_\_\_\_

Landowner Offer - lower than the Nevada GARC \$ \_\_\_\_\_

Offer's Percentage below GARC \_\_\_\_\_

Total \_\_\_\_\_  
(Maximum - 20 points)

**Note:** One point can be given for every percentage that NRCS' Easement Payment is reduced below the GARC (Maximum 20% = 20 points)

NEVADA COST RANKING CRITERIA  
WETLANDS RESERVE PROGRAM

A                      B                      C                      D

Easement Type	Multiplication N factor	Agricultural WRP Offer	Restoration Cost	Combined Costs: Column A + Column B	Multiply Combined Costs by N	Final Rating: 40 minus Column D
Rural	0.005	\$	\$	\$		
Urban	0.002	\$	\$	\$		

**Cost Ranking Factor:** Relative costs associated with the purchase of the easement without regard to partnership contributions. Use realistic agricultural land values based on the Nevada NRCS GARC values and construction costs for the county in which the property is located. (40 pts.)

**TOTALS:** \$\* Projects are eligible for cost-ranking points when the combined costs for both easement acquisition and restoration are less than the easement cost, plus what would be considered on the high end of restoration costs.

Examples: Rural - \$8,000.00 X .005 = 40; 40 - 40 = 0 points  
                   \$4,500.00 X .005 = 22.5; 40 - 22.5 = 17.5 points  
Urban - \$20,000 x .002 = 40; 40-40 = 0 pts  
                   \$11,000 x .002 = 22; 40-22 = 18 pt

**Preliminary Estimate of Restoration Practices Needed, Units and Costs**

	<u>Cost</u>
<b>De-Leveling</b> _____	\$ _____
<b>Flashboard Risers</b> _____	\$ _____
<b>Screw Gates</b> _____	\$ _____
<b>Tree/Shrub Plantings</b> _____	\$ _____
<b>Levees/Dikes</b> _____	\$ _____
<b>Grass Plantings</b> _____	\$ _____
<b>Tule Transplants</b> _____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
<b>Totals:</b> _____	\$ _____

**Add additional practices as needed for restoration.**