

Wildlife Watering Facility

PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 648



DEFINITION

A Wildlife Watering Facility is a constructed, improved, or modified watering place for wildlife.

PRACTICE INFORMATION

The purpose of the practice is to provide drinking water for wildlife. It applies in areas where new, additional, or improved watering places are needed to increase the range or improve the habitat for wildlife.

The source of water is usually a well or spring. It may also be runoff from a natural watershed or from a device constructed for the purpose of trapping rainfall and storing it for use by wildlife.

Additional information including design criteria and specifications are in the local NRCS Field Office Technical Guide.

The following pages list the conservation effects expected to occur when this practice is applied. These effects are subjective and somewhat dependent on variables such as climate, terrain, and soil. Users are cautioned that these effects are estimates that may or may not apply to a specific site.

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

| | | | | | |
|---|-----|--------------|--|------|---------|
| STATE | ANY | FIELD OFFICE | ANY | DATE | 5/15/97 |
| PRACTICE: 648 Wildlife Watering Facility | | | NOTES: | | |
| RESOURCE: SOIL RESOURCE CONCERN: EROSION | | | Help Message: Click on form field for choice lists. Refer to Microsoft Word Users Guide (Creating a form) | | |
| RESOURCE INDICATORS | | | PHYSICAL EFFECTS | | |
| SHEET AND RILL | | | N/A | | |
| WIND | | | N/A | | |
| EPHEMERAL GULLY | | | N/A | | |
| CLASSIC GULLY | | | N/A | | |
| STREAMBANK | | | N/A | | |
| IRRIGATION INDUCED | | | N/A | | |
| SOIL MASS MOVEMENT | | | N/A | | |
| ROADBANK/CONSTRUCTION | | | N/A | | |
| OTHER | | | | | |
| RESOURCE CONCERN: SOIL CONDITION | | | | | |
| SOIL TILTH | | | N/A | | |
| SOIL COMPACTION | | | N/A | | |
| SOIL CONTAMINATION | | | | | |
| • SALTS | | | N/A | | |
| • ORGANICS | | | N/A | | |
| • FERTILIZERS | | | N/A | | |
| • PESTICIDES | | | N/A | | |
| • OTHER | | | | | |
| DEPOSITION/DAMAGE | | | | | |
| • ONSITE | | | N/A | | |
| • OFFSITE | | | N/A | | |
| DEPOSITION/SAFETY | | | | | |
| • ONSITE | | | N/A | | |
| • OFFSITE | | | N/A | | |
| OTHER | | | | | |
| RESOURCE: WATER | | | | | |
| RESOURCE CONCERN: WATER QUANTITY | | | | | |
| SEEPS | | | situational regarding seep development | | |
| RUNOFF/FLOODING | | | situational concerning runoff and floods | | |
| EXCESS SUBSURFACE WATER | | | insignificant | | |
| INADEQUATE OUTLETS | | | N/A | | |
| WATER MGT. IRRIGATION | | | | | |
| • SURFACE | | | N/A | | |
| • SPRINKLER | | | N/A | | |
| WATER MGT. NON-IRRIGATED | | | N/A | | |
| RESTRICTED FLOW CAPACITY (H2O convey.) | | | | | |
| • ONSITE | | | N/A | | |
| • OFFSITE | | | N/A | | |
| RESTRICTED STORAGE | | | situational concerning sedimentation of H2O stor. | | |

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|--|-------------------------|
| RESOURCE: WATER | |
| RESOURCE CONCERN: WATER QUALITY | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| GROUNDWATER CONTAMINANTS | |
| • PESTICIDES | N/A |
| • NUTRIENTS AND ORGANICS | N/A |
| • SALINITY | N/A |
| • HEAVY METALS | N/A |
| • PATHOGENS | N/A |
| • OTHER | |
| SURFACE WATER CONTAMINANTS | |
| • PESTICIDES | N/A |
| • NUTRIENTS AND ORGANICS | N/A |
| • SUSPENDED SEDIMENTS | N/A |
| • LOW DISSOLVED OXYGEN | N/A |
| • SALINITY | N/A |
| • HEAVY METALS | N/A |
| • WATER TEMPERATURE | N/A |
| • PATHOGENS | N/A |
| AQUATIC HABITAT SUITABILITY | N/A |
| OTHER | |
| RESOURCE: AIR | |
| RESOURCE CONCERN: AIR QUALITY | |
| AIRBORNE SEDIMENT AND SMOKE PARTICLES | |
| • ONSITE SAFETY | N/A |
| • OFFSITE SAFETY | N/A |
| • ONSITE STRUCT. PROBLEMS | N/A |
| • OFFSITE STRUCT. PROBLEMS | N/A |
| • ONSITE HEALTH | N/A |
| • OFFSITE HEALTH | N/A |
| AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS | N/A |
| AIRBORNE CHEMICAL DRIFT | N/A |
| AIRBORNE ODORS | N/A |
| FUNGI, MOLDS, AND POLLEN | N/A |
| OTHER | |
| RESOURCE CONCERN: AIR CONDITION | |
| AIR TEMPERATURE | N/A |
| AIR MOVEMENT (windbreak effect) | N/A |
| HUMIDITY | N/A |
| OTHER | |

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| RESOURCE: HUMAN | |
| RESOURCE CONCERN: SOCIAL CONSIDERATIONS | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| PUBLIC HEALTH AND SAFETY | insignificant |
| PRIVATE/PUBLIC VALUES | sign. improvement in private/public values |
| CLIENT CHARACTERISTICS | N/A |
| RISK TOLERANCE | insignificant risk involved |
| TENURE | N/A |
| OTHER | |
| RESOURCE CONCERN: CULTURAL CONSIDERATIONS | |
| ABSENCE/PRESENCE OF CULTURAL RESOURCES | situational regarding cultural resources |
| SIGNIFICANCE OF CULTURAL RESOURCES | situational regarding cultural resources |
| MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS | situational regarding cultural resources |
| OTHER | |
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