

**NATURAL RESOURCES CONSERVATION SERVICE**

**VIRGINIA**

**OPERATION AND MAINTENANCE REQUIREMENTS**

**WETLAND CREATION**

**CODE 658**

Land Owner/Operator \_\_\_\_\_

County \_\_\_\_\_ SWCD \_\_\_\_\_ Farm/Tract No. \_\_\_\_\_

Prepared By \_\_\_\_\_ Date \_\_\_\_\_

**OPERATION AND MAINTENANCE ITEMS**

A properly operated and maintained wetland is an asset to the farm. This practice was designed and installed to create a wetland on a site that was historically non-wetland. Estimated life span of this installation is at least 15 years. The life of the wetland can be assured and usually increased by developing and carrying out a systematic operation and maintenance program. A Monitoring Checklist is attached to this O&M Plan.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program requirements include:

- Any use of fertilizers, mechanical treatments, prescribed burning, pesticides, and other chemicals will assure that the intended purpose of the wetland restoration is not compromised. The timing and methods for the use of fertilizers, pesticides, prescribed burning, or mechanical treatments are:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Management actions shall maintain vegetation and control of undesirable vegetation. Identify circumstances when the use of biological control of undesirable plant species and pests (e.g. using predator or parasitic species) is appropriate, and the approved methods. Management of water depth and duration may be utilized to control unwanted vegetation.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Actions to address any expected problems from invasive or noxious species include:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Accumulated sediment will be removed when the wetland function is adversely affected.
- Conditions which indicate the need to use haying or grazing as a management tool, including timing and methods, are listed below. Minimize disturbance to ground nesting species, especially during the primary nesting season.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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**Monitoring Checklist**

Observer \_\_\_\_\_ Date \_\_\_\_\_

Site name and location \_\_\_\_\_

**Structure condition**

*Water control structures*

N/A \_\_\_\_\_

Structure in original condition?

Yes \_\_\_\_\_ No \_\_\_\_\_

Debris constricting flow?

Yes \_\_\_\_\_ No \_\_\_\_\_

Corrosion to concrete, metal parts?

Yes \_\_\_\_\_ No \_\_\_\_\_

Missing components?

Yes \_\_\_\_\_ No \_\_\_\_\_

Unauthorized alterations?

Yes \_\_\_\_\_ No \_\_\_\_\_

Description \_\_\_\_\_

\_\_\_\_\_

*Embankments*

N/A \_\_\_\_\_

Vegetative cover adequate?

Yes \_\_\_\_\_ No \_\_\_\_\_

Rills, gullies

Yes \_\_\_\_\_ No \_\_\_\_\_

Wave erosion

Yes \_\_\_\_\_ No \_\_\_\_\_

Other: \_\_\_\_\_

Description \_\_\_\_\_

\_\_\_\_\_

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**Nuisance plants and animals**

*Nuisance vegetation*

Is nuisance vegetation reducing wetland function?

Yes \_\_\_\_\_ No \_\_\_\_\_

Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Nuisance fish/animals*

Are nuisance species of fish or animals reducing wetland function?

Yes \_\_\_\_\_ No \_\_\_\_\_

Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Wetland hydrology**

Is current hydroperiod and hydrologic regime consistent with planned functions for present season and climatic conditions?

Yes \_\_\_\_\_ No \_\_\_\_\_

Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Wetland vegetation**

Is current wetland plant community consistent with planned functions for age of project, season, and climatic conditions?

Yes \_\_\_\_\_ No \_\_\_\_\_

Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**Wetland wildlife use**

Is current wildlife use consistent with planned functions for age of project, season, and current climatic conditions?

Yes \_\_\_\_\_ No \_\_\_\_\_

Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Wetland landscape conditions**

Have land use changes occurred adjacent to the wetland or in the wetland watershed which could affect:

water budget? Yes \_\_\_\_\_ No \_\_\_\_\_

water quality? Yes \_\_\_\_\_ No \_\_\_\_\_

wildlife use? Yes \_\_\_\_\_ No \_\_\_\_\_

vegetation? Yes \_\_\_\_\_ No \_\_\_\_\_

sediment delivery? Yes \_\_\_\_\_ No \_\_\_\_\_

structure function? Yes \_\_\_\_\_ No \_\_\_\_\_

structure safety? Yes \_\_\_\_\_ No \_\_\_\_\_

other wetland functions (list)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**Photographs:**

<b>Number</b>	<b>Date</b>	<b>Description</b>
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**Recommended actions:**

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**Remarks:**

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