

POLICY

DECEMBER 17, 2008

VEGETATIVE MANAGEMENT AND ENHANCEMENT OF CONSERVATION EASEMENT LANDS

The MN Board of Water and Soil Resources (BWSR) recognizes the need to establish a policy and procedure for vegetative management and enhancement of conservation easements. This may include the practices of mowing, haying, grazing, harvest for seed or energy, prescribed burning, establishment of native grasses, forest land and wetland management. This policy applies to conservation easements held by the BWSR and is to compliment language already stated in the easement terms and conditions. Easements held in partnership with other agencies may have limitations that prohibit some or all of the activities outlined in this policy.

A Conservation Plan exists for each easement that identifies the location and type of practices found on the site. Easements require ongoing management to assure their quality is maintained. To that end this policy supports landowner efforts to achieve the highest degree of quality from every easement. A Management Plan needs to be developed and attached to the Conservation Plan for all activities being conducted on the easement site.

In some cases financial assistance will be available for certain practices, while others will be at the owner expense, entirely or partially. Certain practices may produce an economic return to the landowner, as long as wildlife benefits are protected. Practices to be implemented are best determined by the landowner in consultation with the SWCD and BWSR staff. The Management Plan shall be signed by all three parties. Consultation will be made with other professionals as deemed necessary by this group. Activities eligible for financial assistance must be consistent with the RIM program guidelines and approved by BWSR prior to practices being implemented.

Easement vegetation can be broken into three distinct cover types:

I. Grassland Management: For purposes of species diversity, wildlife habitat, water quality and erosion control, it may be necessary to undertake practices to enhance or modify some or all of the cover of a conservation easement. Practices may include:

A. Mechanical (mowing, haying, harvest, energy)

Mechanical methods can successfully manipulate growth stages of habitat. Annual mowing and mowing of entire stands is not allowed without technical justification from the resource manager preparing the management plan. Removal of biomass can increase the vigor of desirable vegetation, remove stored nutrients for water quality and provide a seed bed for restoration or enhancement. Generally, mechanical treatment will be done no more frequently than once every third year, with no more than one third of the acreage mowed each year. In some cases it may be not be practical to manage smaller sites in stages, especially, if they are within a larger habitat complex. Mowing, haying, or harvest is not allowed during the nesting season May 15 to August 1. Minimum stubble

heights are 4-6 inches. Any modifications to these criteria should be explained and specified in the management plan.

B. Chemical/Biological

Chemical Application: Herbicides used must follow label restrictions and be conducted in a way that maintains plant diversity and wildlife habitat. Care should be taken to minimize impacts to desired vegetation while controlling target species as specified in the Management Plan.

Biological Control: Biological control agents may be used for the control of invasive plant species. Minnesota DNR and Minnesota Department of Agriculture guidelines for using biological control agents should be followed and incorporated into the Management Plan.

C. Grazing

Livestock may be used to manage health and vigor of permanent vegetative cover when done in accordance with a grazing plan. Grazing on easement lands requires very careful management to assure the site is not overgrazed. Grazing should not be recommended unless the landowner fully understands the plan and is capable of managing the system. Grazing plans are to be developed according to applicable NRCS practice standards. Generally, grazing will not be done more often than once every three years on the same acres, and only one third of the area will be grazed each year. In some cases it may be not be practical to manage smaller sites in stages, especially if they are within a larger habitat complex. Grazing shall not occur during the primary nesting season of May 15 to August 1. Minimum stubble heights are 4-6 inches. Livestock will be removed from the site when the grass on the site is grazed to these stubble heights. Any modifications to these criteria should be explained and specified in the management plan.

D. Prescribed Burning

Improvement of plant species diversity, control of brush, and recycling of nutrients can be achieved by controlled burning. Burning will be allowed on cool season as well as warm season grass stands. The Management Plan will indicate the timing of burns for the area being treated. Appropriate permits must be obtained by the landowner prior to performance of a prescribed burn. Follow appropriate NRCS practice standards for prescribed burning.

E. Native Prairie Planting.

Enhancement or re-establishment of existing native prairie or replacement of cool season vegetation shall use native grasses & forbs of local eco-type where possible or as required by statute or rule. Quality of habitat can be increased by conversion of introduced grass stands to native grass stands. Follow appropriate NRCS practice standards for habitat management and restoration of declining habitats. BWSR has suggested native grass and forbs seed mixes available as well as recommendations for inter seeding of grasslands.

II. Forest Land Management: Necessary to provide regeneration, maintenance, or conversion of species to manage forest stands for wildlife benefits and stand density.

Easement lands planted to trees need to be managed to maintain and improve preferred species that are critical to providing specific wildlife habitat. When tree cover is requested in the RIM conservation plan and established, the planting should not be considered the final product. The planting should be viewed as a component of the desired future condition to retain tree cover on the site. Harvesting can be done for a variety of purposes such as to create wildlife openings, manage browse for specific wildlife species, and for forest stand improvement. The Management Plan should outline the necessary steps to achieve this desired future condition.

III. Wetland Management:

Wetland management activities for vegetation and water level control are site specific. Wildlife habitat and nutrient reduction benefits of wetlands are affected by: vegetative quality, fish, minnows, invasive species, sedimentation, and water depth to name a few. Detailed plans exist for each restoration project that lay out the engineering of the restoration as well as any vegetative component. The BWSR is updating the MN Wetland Restoration Guide which should be consulted for further information. Any questions or requests regarding management of wetland areas should be directed to the BWSR Easement Program Manager.