

# McKenzie County Weed Management Plan

**Purpose:** **This is a simplified weed management template that is specifically designed for small properties/areas.** It is designed to assist in controlling noxious weeds by documenting areas at risk whether it be currently infested or could possibly become infected in the future. This weed management template is also to assist in coordinating efforts between McKenzie County Weed Control and landowners/operators/developers to accomplish noxious weed control goals in McKenzie County. A copy of this weed management plan will be kept on file with McKenzie County Weed Control as well as with all parties involved in the ownership and/or management of the property.

**Date** 7/17/2018

**Circle One:** PRIVATE

COMMERCIAL

**Name of Landowner** See Attachment 1

**Name of Party Responsible for Weed Control if Different than Landowner**

Belle Fourche Pipeline Company

**Address of Responsible Party**

455 N Poplar St  
Casper WY 82601

**Phone Number** 307-237-9301

**Email** Ken.Dockweiler@Truecos.com

**Approximate Size of Property**

20 miles x 100' - 242.42 acres

**Legal Description of Property**

Section 4, 5, 8 - T147N R101W

Section 23, 24, 26, 27, 33, 34 - T148N R101W

Section 4, 9, 17, 19, 20 - T148N R100W

Section 36 - T149N R100W

Section 31, 32, 33, 34, 35, 36 - T149N R99W

Section 6 - T148N R99W

**Purpose of Property**  
Crude Oil Pipeline

**Surface Movement for Commercial Construction Purposes: Circle or highlight one**

Scoria Manure Dirt Sand Gravel **Construction** Other \_\_\_\_\_

**1.0 Management Goals:**

Management goals describe the purpose/use of the property and what you are trying to achieve. Having clear management goals is key to developing a weed management plan. (The minimum amount required by North Dakota and McKenzie County Weed Law is to mow noxious weeds to prevent them from going to seed. Another management goal may be to restore an area with native vegetation. Management goals might also include preventing contamination and/or spread of noxious weeds due to mining or storage of construction materials by a yearly or bi-yearly application of herbicide.)

**Please list your management goals as they apply to this property:**

- a) The property is currently used as a crude oil pipeline with a well-established right-of-way (ROW) that has been managed for weed control for several years.
- b) Approximately 20 miles long and 100' wide were previously disturbed by construction activities. The proposed conversion project would only require small portions of existing ROW to be disturbed by maintenance activities.
- c) Belle Fourche Pipeline Company (Belle Fourche) has a weed management plan which complies with ND Law 4.1-47-02 Control and eradication of noxious weeds. This law states that:
  - 1. Each person shall do all things necessary and proper to control the spread of noxious weeds.
  - 2. No person may distribute, sell, or offer for sale within this state a noxious weed.
- d) As specified by ND Law 4.1-47-02, active noxious weed control measures will be implemented. Belle Fourche will use mechanical, chemical or biological management approaches, seeding, and erosion control blankets to prevent or minimize erosion, sedimentation, and the growth of the noxious weeds on applicable areas where maintenance activities occur.
- e) Weed-free native grass seed mixtures were used for all re-vegetation activities.
- f) During the current post-construction period, trained Belle Fourche personnel and/or contractors will monitor disturbed areas for vegetation growth and implement weed control as needed.

**2.0 Weed Control Objectives:**

Knowing which weed species occur on your property and where they are located is very important in developing control priorities. Weed species vary considerably in the threat that they pose to the resource values of the property. In addition, weed species vary greatly in their susceptibility to control measures. Thus, weed species that pose the

greatest threat to achieving the management goals for the property and which can be most easily controlled are the highest priority for management. To create weed control objectives for your weed management plan, first search your property for weeds (if you have not already done so).

Each area along the 20 mile route that has been disturbed by maintenance activities associated with the Project will be assessed and managed on a case by case basis as the type of weeds encountered will vary. Trained Belle Fourche personnel and/or contractors will utilize specific inspection and monitoring procedures to assess any weeds encountered and implement preventative measure to mitigate the spread of noxious weeds in areas disturbed by maintenance activities. See Table 1.

**Table 1. Common Noxious Weeds**

<b>Noxious Weeds in McKenzie County</b>	
Absinth wormwood	Canada thistle
Dalmatian toadflax	Diffuse knapweed
Halogeton	Leafy spurge
Musk thistle	Purple loosestrife
Russian knapweed	Saltcedar
Burdock	Black henbane
Yellow toadflax	Houndstongue
Spotted knapweed	Baby's breath

### **3.0 Weed Control Objectives – 3 year plan**

1st Year Weed Control Objective:

Install, inspect, and maintain CMRP best management practices (BMPs), including re-establishing vegetative cover on disturbed areas that will not be disturbed by site operations, using weed-free native grass mixtures (see Table 2), erosion control blankets, and other means as required in areas disturbed by maintenance activities.

During maintenance activities, Belle Fourche or the assigned contractor will clean the tracks, tires, and blades of equipment by hand (track shovel) or compressed air to remove excess soil prior to movement of equipment out of weed or soil-borne pest infested areas or utilize cleaning stations to remove vegetative materials using water under high pressure.

Belle Fourche or the assigned contractor shall use mulch and straw or hay bales that are Certified Weed Free in the State of North Dakota for temporary erosion and sediment control.

Belle Fourche or the assigned contractor shall implement weed treatments such as mowing prior to seed development or herbicide application to areas of noxious weed infestation prior to soil disturbing work for maintenance.

Belle Fourche or the assigned contractor will implement mitigation or protection measures for conducting vegetation control where necessary. Typical agricultural herbicides, developed in consultation with county or state regulatory agencies, will be used. Herbicide types will be determined based on the weed species requiring control. Belle Fourche or the assigned contractor shall apply herbicides, where required, within one week, or as deemed necessary for optimum mortality success, prior to disturbing the area by clearing, grading, trenching, or other soil disturbing work. Herbicides shall be applied by applicators appropriately licensed or certified by the state in which the work is conducted. All herbicides applied shall be non-residual or shall have a significant residual effect no longer than 30 days. Belle Fourche will implement mitigation or protection measures in the use of pesticides and herbicides along the pipeline corridor to reduce potential impacts to avian and wildlife species.

Belle Fourche or the assigned contractor shall not use herbicides in or within 100 feet of a wetland or waterbody.

**2nd Year Weed Control Objective:**

Perform regularly scheduled inspections to assess site conditions and develop and implement corrective actions as necessary to address identified deficiencies. Areas to be inspected include areas disturbed by maintenance activities related to the Project to ensure early detection of noxious weeds that may transfer on to the facility from adjacent/nearby lands and equipment and vehicles coming onto the site.

**3<sup>rd</sup> Year Weed Control Objective:**

Periodically inspect the property to ensure successful site re-vegetation and to monitor for potential incursions of noxious weeds. Belle Fourche shall provide weed control to limit the potential for the spread of weeds onto adjacent lands. Any weed control spraying performed by Belle Fourche shall be done by a state-licensed pesticide applicator.

**4.0 Evaluating Weed Control:**

After weed control objectives have been created and control of priority weed species has begun, results of the control methods should be evaluated for effectiveness. This requires follow-up visits to the areas where weeds were controlled and a re-assessment of the size and density of an infestation. (For example, compare the size of the infestation after a growing season has elapsed to the size before control actions were initiated.) In most cases, the elimination of an infestation will take several years with multiple treatments per year to kill the plants and eliminate the bank of weed seeds in the soil.

ND Law 4.1-47-02. Control of noxious weeds.

**Each Person shall do all things necessary and proper to control the spread of noxious weeds.**

In signing this document I understand that I will be responsible for noxious weed control on the property listed above.

Responsible Party \_\_\_\_\_ Date \_\_\_\_\_

McKenzie County  
Weed Board Chairperson: Amber Niejejs Date 7-23-18

Please allow 48 hours for review of this plan prior to receiving confirmation of approval.