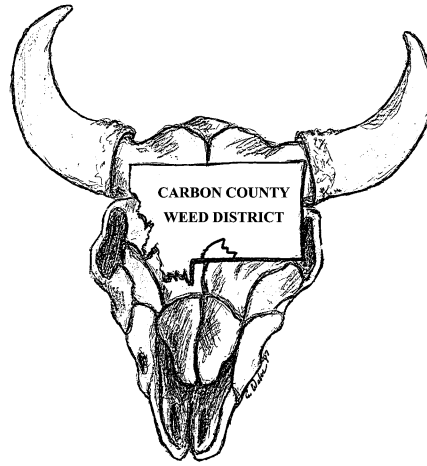


**Carbon County Weed District
Noxious Weed Control Plan
Open Cut Mining Operations**



In accordance with 7-22-2123 (4) MCA, A person is considered in compliance if they submit and the Board accepts a proposal to undertake specified control measures is in compliance for so long as they perform according to the terms of the proposal.

Legal Description of Mine: _____

Landowners name: _____

Noxious Weed Species found on site if any:

Method of weed control: Chemical _____ **Biological** _____ **Cultural** _____

Specific control measures: _____

Weed control to be completed by: Self _____ **Commercial Firm** _____ **County** _____

If a commercial firm is to be used, please give name, address and phone number when hired.

Dates weed control will be implemented: _____

Dated this _____ **day of** _____, **20** _____

This plan if implemented by said contractor will be in effect for three years from the date above or the date of the Reclamation Bond Release. The responsibility for weed control will revert back to the landowner after this period.

I acknowledge and agree to the foregoing provisions. Signature: _____

Name & address: _____

Phone number: _____

Weed Management Approval: (YES) (NO) Date: _____

Inspection Fee Paid: (YES) (NO) Amount: _____ **Date of Payment:** _____

Weed District Representative _____

County Weed District Recommendations: _____

attach additional information if needed

*****MINE SITE MAP MUST BE ATTACHED*****

Weed Management Plan

A. Need

According to the Carbon county Weed Management Plan "...noxious weeds have been and are a serious problem in Carbon County. The noxious weeds found in Carbon County were introduced through feed, seed, hay, and vehicles. They have established and continue to spread with the aid of wildlife, domestic animals, wind, water, and people.

The noxious weed management plan identifies the need for noxious weed control within open cut mines. Often when farm or ranchland is taken out of production or is mined, weeds begin to grow and spread.

Noxious weeds are controlled by a combination of methods including spraying, grazing, cutting and biological methods. The weed management plan will assist owners in identifying measures to control noxious weeds within an open cut mine.

B. Noxious Weed List

A "Noxious Weed" is a plant considered to be extremely harmful or destructive to the environment, replaces native plant life and is declared "noxious" by law.

Noxious weeds in Carbon County are those declared so by the Weed Board and are prioritized accordingly. These weeds will be managed to achieve two affects.

(1) Limit and prevent the spread of noxious weeds from existing infestations to uninfected sites.

(2) To eventually reduce the overall size of the existing infestations.

The following weeds exist in the county and/or have been declared "noxious" for Carbon County by the Weed Board.

PRIORITY 1A: These weeds are not present in Montana. Management criteria will require eradication if detected; education; and prevention.

Yellow starthistle (*Centaurea solstitialis*)

Dyer's woad (*Isatis tinctoria*)

PRIORITY 1B: These weeds have limited presence in Montana. Management criteria will require eradication or containment and education.

Knotweed complex (*Polygonum spp.*, *P. sachalinense*, *P. x bohemicum*, *Fallopia japonica*, *F. sachalinensis*, *F. x bohémica*, *Reynoutria japonica*, *R. sachalinensis*, and *R.x bohémica*.)

Purple loosestrife (*Lythrum spp.*)

Rush skeletonweed (*Chondrilla juncea*)

Scotch broom (*Cytisus scoparius*)

PRIORITY 2A: These weeds are common in isolated areas of Montana. Management criteria will require eradication or containment where less abundant. **Management shall be prioritized by local weed districts.**

(Carbon County): Milk Thistle & Musk Thistle

Tansy ragwort (*Senecio jacobaea*)

Meadow hawkweed complex (*Hieracium spp.*)

Orange hawkweed (*Hieracium aurantiacum*)

Tall buttercup (*Ranunculus acris*)

Perennial pepperweed (*Lepidium latifolium*)

Yellowflag iris (*Iris pseudacorus*)
Blueweed (*Echium vulgare*)
Hoary alyssum (*Berteroa incana*)

PRIORITY 2B: These weeds are abundant in Montana and widespread in many counties. Management criteria will require eradication or containment where less abundant. **Management shall be prioritized by local weed districts.**

(Carbon County): Absinth Wormwood & Scotch Thistle

Canada thistle (*Cirsium arvense*)
Field bindweed (*Convolvulus arvensis*)
Leafy spurge (*Euphorbia esula*)
Whitetop (*Cardaria draba*)
Russian knapweed (*Centaurea repens*)
Spotted knapweed (*Centaurea stoebe* or *maculosa*)
Diffuse knapweed (*Centaurea diffusa*)
Dalmatian toadflax (*Linaria dalmatica*)
St. Johnswort (*Hypericum perforatum*)
Sulfur cinquefoil (*Potentilla recta*)
Common tansy (*Tanacetum vulgare*)
Oxeye daisy (*Chrysanthemum leucanthemum* or *Leucanthemum vulgare*)
Houndstongue (*Cynoglossum officinale*)
Yellow toadflax (*Linaria vulgaris*)
Saltcedar (*Tamarix spp.*)
Flowering rush (*Butomus umbellatus*)
Eurasian watermilfoil (*Myriophyllum spicatum*)
Curlyleaf pondweed (*Potamogeton crispus*)

PRIORITY 3: Regulated Plants: (NOT MONTANA LISTED NOXIOUS WEEDS)

These regulated plants have the potential to have significant negative impacts. The plant may not be intentionally spread or sold other than as a contaminant in agricultural products. The state recommends research, education and prevention to minimize the spread of the regulated plant.

Cheatgrass (*Bromus tectorum*)
Hydrilla (*Hydrilla verticillata*)
Russian olive (*Elaeagnus angustifolia*)

Carbon County
Open Cut Mining Three (3) Year Weed Management Plan

Each year planned will commit you to acres to control, how the control will be done, who control will be done by and what weeds will be controlled.

Please list weeds on property and number of acres affected

Kinds of weeds on property:	Acres infested:

Year one (1) plan: For year of _____

Work will be done by _____ Phone _____

Time(s) of year control will be implemented: Spring _____ Summer _____ Fall _____ Other _____

Please explain if other: _____

Control method that will be used: _____

Herbicide Control			
Herbicide Name	Weed	Rate per acre	Acres to be controlled
Cultural / Mechanical Control			
Method of cultural/mechanical control	Weed	Acres to be controlled	

Cultural / Mechanical Control		

Year two (2) plan: For year of _____

Work will be done by _____ Phone _____

Time(s) of year control will be implemented: Spring _____ Summer _____ Fall _____ Other _____

Please explain if other: _____

Control method that will be used: _____

Herbicide Control			
Herbicide Name	Weed	Rate per acre	Acres to be controlled

Cultural / Mechanical Control		
Method of cultural/mechanical control	Weed	Acres to be controlled

Year three (3) plan: For year of _____

Work will be done by _____ Phone _____

Time(s) of year control will be implemented: Spring _____ Summer _____ Fall _____ Other _____

Please explain if other:

Control method that will be used: _____

Herbicide Control			
Herbicide Name	Weed	Rate per acre	Acres to be controlled

Cultural / Mechanical Control		
Method of cultural/mechanical control	Weed	Acres to be controlled

I agree to abide by this Weed Management Plan in accordance with the Carbon County Weed Management Plan and the Montana County Noxious Weed Act.

Signed this _____ day of _____, 20

Printed Name

Signature

Carbon County Weed District
PO Box 255
Joliet, MT 59041
Main Office (406) 962-4358
Supervisor Office (406) 962-3967

Open Cut Mining Revegetation Plan

Section 7-22-2152 of the Montana County Weed Control Act requires all disturbed areas to be reseeded. Seed used **will be certified weed seed free**. The NRCS office at Joliet, MT can give advice as to seed type and amount of seed per acre that should be used to match the soil type in your area, moisture requirements and seeding dates.

Seeding date

Description of site

Description of disturbance and size in acres
(Road, building site, ground leveling, etc.)

Type of revegetation to be done		
Seed type	Amount applied (pounds/acre)	Acres treated

Fertilizers used (if applicable)	
Name	Amount

I do hereby certify that all of the above information contained in this plan and all supplemental information are true and accurate. I agree to abide by the above weed management and revegetation plans in accordance with the Carbon County Weed Management Plan and the Montana County Noxious Weed Act.

Signature

Date

CHECKLIST

- Are all applicable questions answered?
- Did you include a property map with coded weeds and affected acres?
- Is the three year management plan complete?
- Is the revegetation plan complete?