

APPENDIX F

NOXIOUS WEED CONTROL AND REVEGETATION PLAN



MAY 17 2003

OPEN CUT MINE NOXIOUS WEED MANAGEMENT AND REVEGETATION PLAN

Projected due date for application _____

Date Plan received MAY 01 2003

Before construction/disturbance begins, please complete and submit an Open Cut Mine Noxious Weed Management and Revegetation Plan to the Gallatin County Weed Control Office for review by the Board. This plan may require revision to meet the requirements of the Noxious Weed Management Plan of the District, and the Montana County Noxious Weed Control Act. Upon approval by the Board, this plan must be signed by the Chairman of the Board or appointed Representative in cooperation with the person, agency, business, landowner and or individuals responsible for the disturbance and constitutes a cooperative agreement between the Board and such person, agency, business and/or government unit.

A) GENERAL INFORMATION

1. Name of Cooperator(s)

(a) Open Cut Mine Company Name Huttinga Gravel Pit

¹⁶⁹⁵
~~1990~~ Little Bear Rd Gall Gtwy Mt 59730 763-4872
(Address - City - State - Zip) (Telephone)

763-5240

(b) Landowners Name RICHARD & KATHRYN Huttinga

1990 Little Bear Rd Gall Gtwy 763-4872
(Address - City - State - Zip) (Telephone)

2. Geographic Location to be Covered by this Plan:

Legal Description: NE 1/4, SE 1/4, Sec. 25, T. 35 N/S, R. 4E EW

If applicable include the name of the Open Cut Mine _____

Projected Start Up Date 1996 Projected Date for Closure Oct 1, 2010

3. Land Use (Please check the appropriate box(s))

(a) Previous or Historical Land Use

Agriculture Residential Commercial Pasture non-crop Other

Please explain hay-field

(b) Future Land Use

Agriculture Residential Commercial Pasture non-crop Other

Please explain mined area will be a pond

4. Is a Map of the Area or a Copy of the Open Cut Mine Plat Attached? Yes No

5. Has the Cooperator been informed of the District's Noxious Weed Management Plan and Revegetation Requirements for Disturbed Areas? Yes No

6. Has the Cooperator been informed of the Noxious Weed Management Plan of the District? Yes No

7. Has the Cooperator been informed of the relevant sections of the Montana County Noxious Weed Control Act? Yes No

8. Has the Cooperator submitted a Weed Location Map and Inventory? Yes No

9. Has the site been inspected jointly with Weed Supervisor and Cooperator? Yes No

10. Has the cooperator attached the Montana DEQ Plan of Operation? Yes No

B) NOXIOUS WEED MANAGEMENT PLAN

1) Are noxious weeds present on the property? Yes No If yes, list which species and the approximate size of infestation(s) Excellent rating.

Inspected property 6/28/03. Very few weeds on site. Isolated plants of Canada Thistle & Horned Lark on SW corner of original pte. Recommend plat for certification weed free status.

(Gallatin County noxious weeds are listed in section VII of Noxious Weed Management & Revegetation Requirements)

2. Briefly explain the noxious weed control method(s) to be used on noxious weeds already existing on the property or that may arise during construction/development/disturbance of the property. Note: If noxious weeds already exist on the property, please outline these infestations on a map of the area or the subdivision plat

We will continue to spray and hand pull weeds as needed

3. Please complete the appropriate section(s) corresponding to the noxious weed management methods mentioned above.

(a) Chemical Control:

* Chemical Name _____, Rate _____

* Chemical Name _____, Rate _____

* Timing and method of treatment(s): _____

* Weed control work done by - Self or Contracted

(b) Cultural/Mechanical Control:

* Methods of weed control _____

* Timing of control method(s): _____

* Weed control work done by- Self or Contracted Name of Contractor _____

(c) Biological Control:

* Biological control agent(s) _____

Timing of the release(s) of the Bio-control agent(s): _____

Weed control method(s) used to control weed spread while insects establish _____

* Weed control work done by- Self or Contracted Name of Contractor _____

C) REVEGETATION PLAN FOR DISTURBED AREAS

1. Are there land(s) already disturbed or that will be disturbed on the property?

Yes No

If yes, explain We have been mining
this area since 1996

2. If the answer was (YES) to question 1 above, what method(s) will be used to accomplish revegetation of the disturbed areas (seeding, planting, sod, etc.)

seeding

3. If applicable list the type and amount of seed/sod to be used for revegetation:

Revegetation to be done by – Self or Contracted Name of Contractor _____

Type Yairfield pasture mix, Rate 8-10 #/acre

Type _____, Rate _____

Type _____, Rate _____

4. If applicable list the type and amount of fertilizer to be used:

Type _____, Rate _____

Type _____, Rate _____

5. Timing of revegetation practices:

Approximate cultivation date(s) May 1

Approximate seeding/sod date(s) May 1 or after Oct 1

Approximate fertilizer date(s) _____

NOTE: For revegetation recommendations contact the Natural Resource Conservation Service.

D) APPROVAL OF NOXIOUS WEED MANAGEMENT AND REVEGETATION PLAN

APPROVED APPROVED WITH RECOMMENDATIONS NOT APPROVED
AND/OR CONDITIONS.

RECOMMENDATIONS AND/OR CONDITIONS: _____

Upon **Approval** or **Approved With Recommendations** the Cooperator(s) agrees to comply with the above submitted Open Cut Mine Noxious Weed Management and Revegetation Plan and with the Montana Department of Environmental Quality Plan of Operation.

Dennis R. Hengal
(Signature of Weed Board Chairman/Representative)

Dennis R. Hengal
(Type/print name of Chairman/Representative)

6/23/03
(Date)

Richard Hittinger
(Signature of Open Cut Mine Cooperator)

Richard Hittinger
(Type/print name of Cooperator)

6-23-03
(Date)

Same
(Signature of Landowner)

(Type/print name of Landowner)

(Date)

MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMITTING & COMPLIANCE DIVISION
INDUSTRIAL & ENERGY MINERALS BUREAU
PO BOX 200901
HELENA MT 59620-0901
PHONE: 406 444-4970 FAX: 444-1923

Operator: _____
Permit Number: _____
(Provided By The Department)

VERIFICATION OF NOXIOUS WEED CONTROL PLAN

(To be submitted as part of an application for a Mined Land Reclamation Permit)

Richard Huttinga (operator) has submitted and received approval for a plan to control noxious weeds on land to be disturbed by and permitted for, Opencut Mining operations in the NE 1/4 SE 1/4, Section 25, Township 3S N/S, Range 4E E/W, Gallatin County. [See exception below]

Subject land is owned by: Richard and Kathryn Huttinga
Name

Dennis R Henry Coordinator, Gallatin County Weed District
Name for

Dennis R Henry Signature Date 6/23/03

THIS SECTION TO BE COMPLETED ONLY IF APPLICANT IS UNABLE TO SECURE AN APPROVED NOXIOUS WEED CONTROL PLAN

Applicant affirms that he/she has attempted to secure a noxious weed control plan as indicated above, but that for unspecified reasons, the respective weed district was unavailable for consultation and direction. Applicant further affirms respective weed district was notified but was unable to approve or provide a noxious weed control plan within five (5) working days of notification.

Enclose documentation such as certified mail receipt with copy of letter and/or request to meet, or sworn statement that a weed district representative verbally declined to meet.

Applicant's Signature

I hereby swear that I did verbally contact the _____ weed district, on _____ (date) but said district was unable to provide or approve a Noxious Weed Control Plan within five (5) working days of the forementioned date.

Notary Signature

Sent 6/4/08 PL



Richard Huttinga
1695 Little Bear Rd
Gallatin Gateway, MT 59730
RE: Huttinga Gravel Pit

Dear Mr. Huttinga,

The Gallatin County Weed District has been receiving requests from the public as well as state and federal agencies for sources of weed free gravel. This summer, as part of the Gallatin County's weed control program, we will be developing a weed-free certification process for interested gravel pit operators. This will provide a means for customers to source weed-free gravel, while also reducing the spread of noxious invaders.

We will be working with operators to identify the weeds of concern on their property and help develop cost-effective weed management plans to control those weeds which are of significant concern. There is no charge for the program.

If your company is interested in this voluntary program, please contact us at 582-3265. We appreciate your help in the efforts to control noxious weeds and look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Dennis Hengel".

Dennis Hengel
District Coordinator
Gallatin County Weed District



Sent 6/23/08
PL

Richard Huttinga
1695 Little Bear Rd
Gallatin Gateway, MT 59730
RE: Huttinga Gravel Pit

Dear Mr. Huttinga,

Thank you for your participation and interest in obtaining a weed-free certification for your gravel pit. In your pit, I found 5 noxious species of concern: Canada Thistle, Bull Thistle, Musk Thistle, Common Tansy and Houndstongue. All of these were located around the periphery of the pit in piles of topsoil (see map). As a treatment strategy, I would recommend spraying a combination of Forefront (2 pints/acre) and Cimarron Plus (1 oz/acre) with R-11 surfactant. Use of Cimarron Plus requires a surfactant. Ideally, these weeds would be treated before they have the chance to flower and spread seed.

If you have any further questions about control methods for the weeds in your pit, please feel free to contact the weed district office at 582-3265. We anticipate evaluating your pit for certification in the next month and sending out notices around mid-July.

Sincerely,

A handwritten signature in cursive script that reads "Patrick Lawrence".

Patrick Lawrence
Gallatin County Weed District
Greater Yellowstone Coordinating Committee Gravel Pit Inspector

2008 GYA Sand and Gravel Pit Information and Weed Survey

State: MT

State permit number: _____

Pit name: Huttinga

Directions to the pit: Take Hwy 191 South past Gallatin Gateway, turn left on Little Bear Rd - continue to pit which is on the North side of the Road

Pit UTM or Lat/Long _____

Permitted operator/company: name, address, telephone #s, e-mail Richard Huttinga, 1695 Little Bear Rd; Gallatin Gateway, MT 5480 → 763-4872 or 763-5240

Pit contact: name, address, telephone #s, e-mail (if different from permitted operator)

Land owner, address, telephone #s, e-mail Richard Huttinga

Date of initial permit issue: _____

Number of years pit has been inspected: _____

Total acres of permitted pit area 25 Acres inspected 25

Survey Duration (minutes): 45 hr

Weed Species Noted on Adjacent Lands/Note Location on Map: _____

Phenology of Misc. Plant Species (non-target species): _____

Survey Comments:

Inspection Results

Date	Inspector/s	Pit Contact	Species	# of locations*	Total # of plants	Plant Phenology	Photos?
			Houndstongue				
			Canada Thistle				
			Bull Thistle				
			Musk Thistle				
			Common Tansy				

*Diagram of Pit and Weed Locations on the Back

Gallatin County Gravel Pits

ID	Pit Name	Status	Close Date
16	Huttinga	active	10/01/2010

T	R	S	1/4	1/4	WMP?	Approved by
3S	4E	25	SE	NE	2003	DH

Operator Co Name	Street	City	State	Zip	County
Richard Huttinga	1695 Little Bear Rd	Gallatin Gateway	MT	59730	Gallatin

Co Phone	Contact Name	Certified?	Priority	Acres:
763-4872 or 763-5240	Richard Huttinga			25

Directions

191 S past gallatin gateway to little bear rd, on N side of road

Other



red = musk thistle
blue = early thistle
purple = roundstongue
pink = bull thistle
yellow = common tansy



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218201

Google

Image © 2008 DigitalGlobe
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