

**REVISED RECLAMATION PLAN
FOR KEVIN GRIFFIN PROPERTY SAND MINE**

**TOWN OF LINCOLN
MONROE COUNTY,
WISCONSIN**

Prepared By:

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(715) 443-6115

REVISED RECLAMATION PLAN
FOR KEVIN GRIFFIN PROPERTY SAND MINE

GENERAL INFORMATION:

Operator Name/Address: Kevin Griffin
23108 Aspen Ave
Warrens, WI 54666

Phone Number: 608-343-9985

Property Owner: Same

Parcel Number/Site ID#: 024-0077-00000
024-0072-00000

Property Description: SW ¼ of the NW ¼ Sec. 32 T19N R1W
And SE ¼ of the NE ¼ Sec. 32 T19N R1W

(Include property address, legal description, and any other information available to help locate and access the property)

SITE INFORMATION:

Current Property Use/Description: *(Include groundwater information, geologic information, existing surface waters, structures, etc.)*

The site is currently in cropland. A 5 acre site has been stripped with the topsoil being stockpiled for for reapplication during reclamation.

Soil series includes MdA Meehan 0-6% slopes, 8-10" of moderately drained sandy loam topsoil.

Groundwater elevation is estimated at 5 to 10 feet below the soil surface.

Description of Mineral Deposit: *(Include mineral(s) to be extracted, estimated volume to be removed)*

Sand will be the primary mineral to be mined. An estimate of 200,000 cubic yards may be extracted.

Topsoil Distribution: *(Distribution, thickness and type of topsoil)*

The site is uniformly covered with 4-8 inches of moderately drained sandy loam topsoil.

Biological Resources: *(Information available on types of plant life, wildlife species, etc)*

The excavation area is cropland. The site will be developed into a 7 to 8 acre pond for seasonal cranberry water needs. Overall wildlife habitat at the site is poor.

MAPS:

Maps must be provided which indicate the following information. In many cases, items can be combined onto one map to reduce the number of maps being provided.

- Γ Current Site Characteristics including previously mines areas, water retention basins, structures, etc. **(Only required for existing mine sites)**
- Γ General Location Map
- Γ Property Boundaries
- Γ Aerial Extent – proposed area to be mined
- Γ Designated Phases for Mining/Reclamation
- Γ Geologic Composition and Depth of Deposit
- Γ Distribution, Thickness and Type of Topsoil
- Γ Depth to Groundwater Information
- Γ Location of Surface Waters
- Γ Existing Drainage Patterns
- Γ Existing Topography – Contour Maps
- Γ Manmade Features on or Near Site (homes, ponds, etc)
- Γ Final Site Topography – Contour Maps
- Γ Final Site Characteristics

PROPOSED POST MINING LAND USE: *(Describe in detail the proposed mining land use, how phasing will be used for reclamation, etc. Also include information on zoning and applicable land use planning.)*

Upon completion of sand mining, the site will be developed into a pond for seasonal cranberry water needs.

Any existing topsoil piles will be utilized for topsoiling and revegetating 3:1 sideslopes.

RECLAMATION MEASURES:

Description of Phases and Estimated Time-frames:

Reclamation will be done when mining is complete

Handling of Topsoil:

Topsoil piles will be stockpiled for reclamation of 3:1 sideslopes and seeded immediately to grass. A seed mixture is included in the section on Re-Vegetation Measures below.

Proposed Slopes and Grades:

Slopes and grades will be "internally drained" site.

Description of Grading Methods: *(Including equipment, methods, etc)*

All grading will be completed using a bulldozer or backhoe.

Proposed Final Features: *(Including items such as ponds, wetlands, woodlands, etc)*

An 7 to 8 acre pond will be the end result.

RE-VEGETATION MEASURES: *(Describe activities for re-vegetation of the property including grading, seed mixes, seeding rates, soil amendments, when seeding will occur, erosion control methods, etc.)*

Seed Mixes, Seeding Rates and Schedule: *(Include discussion on proposed time-frame for seeding to achieve best results. Seed mixes and rates may be submitted as an attachment)*

Seed site as early in the growing season as possible.
Seed mixture # 4 in NRCS Technical Standard 342:
Smooth Bromegrass 15lbs/ac.
Creeping Red Fescue 2lbs/ac.

Seed Bed Preparation Methods:

A smooth level seed bed must exist before seeding.

Erosion Control Methods:

Silt Fencing will be installed approximately 10 feet upslope of protected wetlands and all topsoil piles will be vegetated.

CRITERIA FOR ASSESSING RECLAMATION: *(Describe what criteria will be used to determine that the reclamation is successful – including re-vegetation efforts.. Examples include comparison to a reference plot, baseline data from photographs and plant counts, etc.)*

Reclamation will be considered successful when the Regulatory Agent (RA) in this case the Monroe County Land Conservation Department, determines that all requirements of the reclamation plan have been met. Erosion will be controlled through planting the 3:1 sideslopes to USDA-NRCS specifications. The site will not be considered established until at least one full growing season. Financial assurance will be returned after a Request for Successful Reclamation has been received by the RA. Upon inspection by the RA, a determination will be made within 30 days as to whether reclamation is complete. If complete, financial assurance will be returned or cancelled within 30 days.

Financial Assurance:

Financial Assurance is required in the amount of \$13,500. This amount is based on 9 active acres with a reclamation cost rate of \$1500 per acre.

CERTIFICATION:

Operator:

I, Kevin Griffin as an authorized representative of Hungry Run Cranberry, LLC., certify that the proposed reclamation of the site referenced in this document will be carried out in accordance with the proposed reclamation plan and any subsequent, approved changes.

Owner and/or Lessee:

I, Kevin Griffin, certify that I concur with the reclamation plan submitted and will allow its implementation.

(If the mine operator has submitted a reclamation plan for an existing mine in accordance with an automatic permit or if the operator has submitted a reclamation plan for a new or reopened mine which is located on land for which a lease agreement or memorandum of lease between the landowner and applicant was recorded prior to August 1, 2001, a certification is not required from the owner or lessee. However, the operator must provide written evidence that the landowner and lessee, if different from the operator, has been provided with a written copy of the reclamation plan)

Monroe County WVI GIS Map



Disclaimer: This map is not guaranteed to be accurate, correct, or complete. All data is for informational purposes only.

HALSEY ROAD CRANBERRY, LLC
RESERVOIR
7/37/11

CRANBERRY
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PROJECT
BOUNDARY

SCALE 8

1" = 350' ±

- Addresses
 - Interstates
 - US Highways
 - State Highways
 - County Roads
 - Town Roads
 - Fort McCoy Roads
 - Private Roads
 - City and Village Roads
 - Trails
 - Lakes and Rivers
 - Rivers and Streams
 - FX
 - IT
 - PH
 - Sections
 - Parcel Labels
 - Parcels
 - Towns
- Ortho (Spring 2010 - Color 18 inch ground pixel flow, by Avres)

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