

Appendix X:

**Reclamation & Construction Inspection Plan;
WDNR Quarterly Visual Inspection –
Field Sheet Form 3400-176A;
Standardized Categories of Post Mining Land Uses -
Draft**

RECLAMATION & CONSTRUCTION INSPECTION PLAN

The purpose of this plan is to assure the reclamation plan is followed throughout the mining and reclamation process.

It is the operator's responsibility to notify the Land Conservation Department 2 work days in advance of when these work items will be occurring.

- Clearing & grubbing
- Topsoil stripping
- Berm / stockpile construction (A horizon, B horizon, overburden soils only)
- Storm water pond construction ^{PE}
- Storm water diversion construction ^{PE}
- A & B horizon soils reapplication
- Installation of other BMPs (erosion mat, silt fence...)
- Importing material (Any material brought into the mine to be used as fill or as soil amendments)
- Temporary storm water infiltration basin construction
- Removal of berm / stockpile

It is the operator's responsibility to notify the Land Conservation Department immediately in the event of any of the following.

- Failure of any storm water facility (pond, infiltration basin, diversion...) ^{PE}
- Spills covered in the SPCC plan

^{PE} These items require the assistance of a private sector professional engineer.

This form is for your own use and should be kept as part of your Storm Water Pollution Prevention Plan. It **does not** have to be submitted to the Department unless requested. If false information from quarterly visual inspections is reported to the Department, you could be subject to penalties up to \$10,000 pursuant to s. 283.91(4), Wis. Stats.

Use one form per outfall.

Quarterly Visual Inspections at each storm water discharge outfall on your site can be a valuable assessment tool and are required by the Tier 1 and Tier 2 Industrial Storm Water General Permits. This inspection should be performed when sufficient runoff occurs during daylight hours. Try to make observations within the first 30 minutes after runoff begins discharging from the outfall, or as soon as practical, but no later than 60 minutes. If you find visible pollution, note the probable source and list any possible Best Management Practices that could be used to reduce or eliminate the problem.

Make any necessary changes to your **Storm Water Pollution Prevention Plan** as needed.

Facility Name

Street Address	City	State	ZIP Code
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Name of Person Conducting Inspection	Inspection Date
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Employer	Telephone Number
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Outfall Number (make reference to site map)	Description of Outfall (e.g., ditch, concrete pipe, grassed swale, etc.)
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Time of Rainfall Event	Time of Visual Inspection	Optional: Amount of Rainfall at the Time of Observation (nearest tenth of an inch)
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Describe your observations. An easy way to conduct this inspection is to use a glass jar to collect a sample of the storm water being discharged from the facility and visually inspect the water. Include any observations of color, odor, turbidity, floating solids, foam, oil sheen or any other visual indicators of storm water pollution and the probable sources of any observed storm water contamination.

Color: Clear Red Yellow Brown Other:

Odor: None Musty Sewage Rotten Egg Other:

Clarity: Clear Cloudy Opaque Suspended Solids Other:

Floatables: None Foam Garbage Oily Film Other:

Deposits / Stains: None Oily Sludge Sediments Other:

Comments:

This outfall could not be evaluated during this quarter due to the following reason:

**WORKING DRAFT OF
STANDARDIZED CATEGORIES OF POST MINING LAND USES AND ASSOCIATED COVER TYPES FOR USE IN NON-METALLIC MINE RECLAMATION**

POST MINING LAND USE 1.)	SUB-CATEGORY	LAND COVER TYPE/PLANT COMMUNITY	MGNT APPROACH/INTENSITY
Conservation Lands			
Conservation/Ecological Use		Forrest/Woodland	Defined in soil rehabilitation & vegetation management plan
		Grassland/Prairie	
		Grassland/Prairie/Forest Savannah	
		Wet/Sedge Meadow	
		Shallow Poned/Deep Poned	
Working Lands			
Forest Production		Even aged species	Defined in soil rehabilitation & vegetation management plan
		Mixed aged species	
Ag Production		Pasture	Defined in soil rehabilitation & vegetation management plan
		Perennial Forage - Conservation Cover	
		Perennial Forage - Hay	
		Cultivated Cropland; Forage Rotation	
		Cultivated Cropland; Row Crop	
Developed Lands			
Residential	Low Density		Defined in Site Development Plan
	Med. Density		
	High Density		
Commercial	Low Intensity		Defined in Site Development Plan
	Med. Intensity		
	High Intensity		
Industrial	Low Intensity		Defined in Site Development Plan
	Med. Intensity		
	High Intensity		
Institutional	Public Inst.		Defined in Site Development Plan
	Private Inst.		
Any other land use category, as defined in an approved comprehensive plan or zoning ordinance.			

1.) Post mining land uses may include options for the voluntary establishment of conservation easements and public access