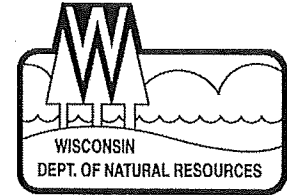


State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



August 26, 2016

001719
Facility Authorized Representative
Michels Sand and Gravel
13601 STH 64
Bloomer, WI 54724

DNR Region: WC
County: Chippewa
FIN: 16729
FID: 609000920

Subject: Reissued WPDES Nonmetallic Mining Operations General Permit Coverage for
Facility: MICHELS SAND AND GRAVEL
Location: 13601 STH 64 T30N, R8W, S6 NE1/4, T of WOODMOHR
Permit: WPDES General Permit for Nonmetallic Mining Operations (Non-Industrial Sand and Other Aggregates), Permit No. WI-A046515-06

Dear Permittee:

Pollutants carried in wastewater and storm water discharges from industrial sites threaten or degrade water quality in many areas of the state. Because of this problem, state and federal laws require that certain industrial dischargers have coverage under a water pollution discharge permit. The purpose of the permit is to identify conditions under which industrial wastewater and storm water can be discharged so that the quality of surface waters, wetlands and groundwater will be protected.

This letter serves as notification that the WPDES general permit previously covering your facility was reissued by the Department on August 1, 2016, and that your facility is now covered under the WPDES General Permit for Nonmetallic Mining Operations (Non-Industrial Sand and Other Aggregates), Permit No. WI-A046515-06 (general permit). Accordingly, discharges at your facility must comply with the terms and conditions of the reissued general permit. The reissued general permit is available on the Department's website at dnr.wi.gov and searching for keywords **industrial storm water**. If, for any reason, you are unable to access the general permit over the Internet, please contact the Department at the (608) 267-7694 for assistance.

The Effective Date for coverage under the general permit at your facility is August 1, 2016. It is important that you read and understand the terms and conditions of the general permit because it is enforceable under both state and federal law.

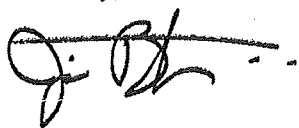
You may petition the Department to withdraw coverage under this general permit and to replace it with a more detailed site-specific permit. The Department is required by s. 283.35(2), Stats., to honor such a petition. Under these circumstances, you would be required to submit a detailed application for an individual permit. Please be advised that if the Department issues a site-specific individual permit for your facility, the annual fee shall be \$500.00.

If you believe that you have a right to challenge this decision, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to ss. 227.52 and 227.53, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to s. 227.42, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with s. NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with s. NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30 day period for filing a petition for judicial review.

If you have any questions about the reissued general permit, please contact the DNR staff person who handles the area of the state in which your facility is located. Staff contact information is available from the Department's website at dnr.wi.gov and searching for keywords **storm water contacts**.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Bertolacini", written over a horizontal line.

Jim Bertolacini
DNR Storm Water Program Coordinator

MIX 1 - PASTURE

<u>Common Name</u>	<u>Scientific Name</u>	<u>Lb./Ac.*</u>
Timothy	<i>Phleum pratense</i>	4
Tall Fescue	<i>Festuca arundinaceae</i>	5
Canada Wild Rye	<i>Elymus canadensis</i>	3
Agricultural Rye	<i>Secale cereale</i>	4.5
Alfalfa**	<i>Medicago sativa</i>	10
Alsike Clover**	<i>Trifolium hybridum</i>	4.5
Total		31 lbs.

MIX 2 – STABILIZATION/WILDLIFE/GRAZING

<u>Common Name</u>	<u>Scientific Name</u>	<u>Lb./Ac.*</u>
Agricultural Rye	<i>Secale cereale</i>	4
Timothy	<i>Phleum pratense</i>	2
Tall Fescue	<i>Festuca arundinaceae</i>	3
Switchgrass	<i>Panicum virgatum</i>	1
Big Bluestem	<i>Andropogon gerardi</i>	1
Canada Wild Rye	<i>Elymus canadensis</i>	3
Alsike Clover**	<i>Trifolium hybridum</i>	4
Red Clover**	<i>Trifolium repens</i>	4
Alfalfa**	<i>Medicago sativa</i>	5
Total		27 lbs.

MIX 3 – NATIVE MIX FOR WILDLIFE/PASSIVE RECREATION

<u>Common Name</u>	<u>Scientific Name</u>	<u>Unit</u>	<u>Unit/Ac.*</u>
Big Bluestem	<i>Andropogon gerardi</i>	lb.	1
Canada Wild Rye	<i>Elymus canadensis</i>	lb.	3
Switchgrass	<i>Panicum virgatum</i>	lb.	1
Indiangrass	<i>Sorghastrum nutans</i>	lb.	3
Purple Prairie Clover**	<i>Dalea purpurea</i>	oz.	2
Canada Tick Trefoil**	<i>Desmodium canadensis</i>	oz.	5
New England Aster	<i>Aster novae angliae</i>	oz.	0.2
Purple Cone Flower	<i>Echinacea purpurea</i>	oz.	4
Dotted Mint**	<i>Monarda punctata</i>	oz.	4
Bergamot**	<i>Monarda fistulosa</i>	oz.	5
Yellow Coneflower	<i>Ratibida pinnata</i>	oz.	3
Blackeyed Susan	<i>Rudbeckia hirta</i>	oz.	0.5
Blue Vervain	<i>Verbena hastata</i>	oz.	1
Total			~9.5 lbs.

* Seeding rates assume broadcast seeding and may be multiplied by 0.5 to approximate rates if drilled.

** Denotes legumes, which must be inoculated according to the seed provider's instructions prior to seeding.

MIX 4 – WET SOILS/POND EDGE/WEDLAND AREA

<u>Common Name</u>	<u>Scientific Name</u>	<u>Unit</u>	<u>Unit/Ac.*</u>
Canada Wild Rye	<i>Elymus canadensis</i>	lb.	3
Switchgrass	<i>Panicum virgatum</i>	lb.	1
Timothy	<i>Phleum pratense</i>	lb.	2
Blue Joint Grass	<i>Calamagrotis canadensis</i>	oz.	3.2
Annual Oats	<i>Avena sativa</i>	lb.	8
Alsike Clover**	<i>Trifolium hybridum</i>	lb.	1
Red Clover**	<i>Trifolium repens</i>	lb.	1
Culver's Root	<i>Veronicastrum virginicum</i>	oz.	2
Canada Tick Trefoil**	<i>Desmodium canadensis</i>	oz.	5
Blackeyed Susan	<i>Rudbeckia hirta</i>	oz.	0.2
Smooth Aster	<i>Aster laevis</i>	oz.	2
New England Aster	<i>Aster novae angliae</i>	oz.	0.6
Joe Pye Weed	<i>Eupatorium maculatum</i>	oz.	1
		Total	~17 lbs.

* Seeding rates assume broadcast seeding and may be multiplied by 0.5 to approximate rates if drilled.

** Denotes legumes, which must be inoculated according to the seed provider's instructions prior to seeding.

MIX 1 - PASTURE

Common Name	Scientific Name	Lb./Ac.*	Price/Lb.	Price
Timothy	<i>Phleum pratense</i>	4	\$ 1.50	\$ 6.00
Tall Fescue	<i>Festuca arundinaceae</i>	5	\$ 1.50	\$ 7.50
Canada Wild Rye	<i>Elymus canadensis</i>	3	\$ 12.00	\$ 36.00
Agricultural Rye	<i>Secale cereale</i>	4.5	\$ 1.00	\$ 9.00
Alfalfa**	<i>Medicago sativa</i>	10	\$ 4.00	\$ 40.00
Alsike Clover**	<i>Trifolium hybridum</i>	4.5	\$ 2.00	\$ 9.00
Total		31 lbs.	Total	\$ 107.50

MIX 2 – STABILIZATION/WILDLIFE/GRAZING (Mix 3 would be suitable too)

Common Name	Scientific Name	Lb./Ac.*	Price/Lb.	Price
Agricultural Rye	<i>Secale cereale</i>	4	\$ 1.00	\$ 4.00
Timothy	<i>Phleum pratense</i>	2	\$ 1.50	\$ 3.00
Tall Fescue	<i>Festuca arundinaceae</i>	3	\$ 1.50	\$ 4.50
Switchgrass	<i>Panicum virgatum</i>	1	\$ 13.50	\$ 13.50
Big Bluestem	<i>Andropogon gerardi</i>	1	\$ 10.50	\$ 10.50
Canada Wild Rye	<i>Elymus canadensis</i>	3	\$ 12.00	\$ 36.00
Alsike Clover**	<i>Trifolium hybridum</i>	4	\$ 2.00	\$ 8.00
Red Clover**	<i>Trifolium repens</i>	4	\$ 2.00	\$ 8.00
Alfalfa**	<i>Medicago sativa</i>	5	\$ 4.00	\$ 20.00
Total		27 lbs.	Total	\$ 107.50

MIX 3 – NATIVE MIX FOR WILDLIFE/PASSIVE RECREATION

Common Name	Scientific Name	Unit	Unit/Ac.*	Price/Unit	Price
Big Bluestem	<i>Andropogon gerardi</i>	lb.	1	\$ 10.50	\$ 10.50
Canada Wild Rye	<i>Elymus canadensis</i>	lb.	3	\$ 12.00	\$ 36.00
Switchgrass	<i>Panicum virgatum</i>	lb.	1	\$ 13.50	\$ 13.50
Indiangrass	<i>Sorghastrum nutans</i>	lb.	3	\$ 16.00	\$ 48.00
Purple Prairie Clover**	<i>Dalea purpurea</i>	oz.	2	\$ 4.50	\$ 9.00
Canada Tick Trefoil**	<i>Desmodium canadensis</i>	oz.	5	\$ 20.75	\$ 103.75
New England Aster	<i>Aster novae angliae</i>	oz.	0.2	\$ 48.75	\$ 9.75
Purple Cone Flower	<i>Echinacea purpurea</i>	oz.	4	\$ 4.50	\$ 18.00
Dotted Mint**	<i>Monarda punctata</i>	oz.	4	\$ 51.25	\$ 205.00
Bergamot**	<i>Monarda fistulosa</i>	oz.	5	\$ 25.75	\$ 128.75
Yellow Coneflower	<i>Ratibida pinnata</i>	oz.	3	\$ 4.50	\$ 13.50
Blackeyed Susan	<i>Rudbeckia hirta</i>	oz.	0.5	\$ 3.00	\$ 1.50
Blue Vervain	<i>Verbena hastata</i>	oz.	1	\$ 6.75	\$ 6.75
Total		~9.5 lbs.	Total	\$ 604.00	

* Seeding rates assume broadcast seeding and may be multiplied by 0.5 to approximate rates if drilled.

** Denotes legumes, which must be inoculated according to the seed provider's instructions prior to seeding.

Pricing for native species found at Agrecol in 2012.

<http://www.agrecol.com>

MIX 4 – WET SOILS/POND EDGE/WEDLAND AREA

Common Name	Scientific Name	Unit	Unit/Ac.*	Price/Unit	Price
Canada Wild Rye	<i>Elymus canadensis</i>	lb.	3	\$ 12.00	\$ 36.00
Switchgrass	<i>Panicum virgatum</i>	lb.	1	\$ 13.50	\$ 13.50
Timothy	<i>Phleum pratense</i>	lb.	2	\$ 1.50	\$ 3.00
Blue Joint Grass	<i>Calamagrotis canadensis</i>	oz.	3.2	\$ 56.25	\$ 180.00
Annual Oats	<i>Avena sativa</i>	lb.	8	\$ 2.00	\$ 16.00
Alsike Clover**	<i>Trifolium hybridum</i>	lb.	1	\$ 2.00	\$ 2.00
Red Clover**	<i>Trifolium repens</i>	lb.	1	\$ 2.00	\$ 2.00
Culver's Root	<i>Veronicastrum virginicum</i>	oz.	2	\$ 77.00	\$ 154.00
Canada Tick Trefoil**	<i>Desmodium canadensis</i>	oz.	5	\$ 20.75	\$ 103.75
Blackeyed Susan	<i>Rudbeckia hirta</i>	oz.	0.2	\$ 3.00	\$ 0.60
Smooth Aster	<i>Aster laevis</i>	oz.	2	\$ 48.75	\$ 97.50
New England Aster	<i>Aster novae angliae</i>	oz.	0.6	\$ 30.75	\$ 18.45
Joe Pye Weed	<i>Eupatorium maculatum</i>	oz.	1	\$ 36.00	\$ 36.00
		Total	~17 lbs.	Total	\$ 662.80

* Seeding rates assume broadcast seeding and may be multiplied by 0.5 to approximate rates if drilled.

** Denotes legumes, which must be inoculated according to the seed provider's instructions prior to seeding.

Pricing for native species found at Agrecol in 2012.

<http://www.agrecol.com>

**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	
		Grassland/Prairie	Defined in soil rehabilitation & vegetation management plan
		Grassland/Prairie/Forest Savannah	
		Wet/Sedge Meadow	
		Shallow Pondered/Deep Pondered	
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