



Preserving The Environment •  
Improving Water Quality

February 28, 2011

Mr. Ross Creighton  
Sigma Group  
1300 West Canal Street  
Milwaukee, Wisconsin 53233

Subject: *Excavation Water Removal*  
*Notice of Intent to Discharge 11.003*

Dear Mr. Creighton:

The Former \_\_\_\_\_, Soil Remedial Action Project, Street, Milwaukee, may discharge groundwater and storm water from excavations as necessary to complete construction, as described in the *Notice of Intent to Discharge* that the Milwaukee Metropolitan Sewerage District (District) received on February 25, 2011. The volume discharged will depend upon the weather. If discharges occur, then they are likely to last no more than one week and be no more than a total of \_\_\_\_\_ gallons. Sample results show pollutant concentrations less than the District's limits.

The following conditions apply to this approval:

- (1) All wastewater discharged must comply with the prohibitions and limits established by secs. 11.202 and 11.203, MMSD Rules, which are enclosed. In addition, the total concentration of volatile and semi-volatile organic compounds may not exceed 5 mg/L at any time and the concentration of total suspended solids may not exceed 100 mg/L at any time.
- (2) You must implement settling, filtration, or other techniques to minimize the amount of solids discharged. Also, if oil or floating solids are present, then you must implement booms, skimmers, or other techniques to prevent the discharge of the oil or floating solids. Discharging wastewater with a visible sheen is prohibited.
- (3) **Discharge is prohibited during rain** and within 24 hours after the site receives one-half inch or more of rain.
- (4) You must determine the total volume discharged. Options for obtaining this information include a totalizing meter or calculations using pump capacity and operating time. You must report the total volume discharged within 5 days after the conclusion of discharges.

*milwaukee metropolitan sewerage district*  
260 W. Seeboth Street, Milwaukee, WI 53204-1446  
414-272-5100 • [www.mmsd.com](http://www.mmsd.com) 

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- (5) At any time when wastewater treatment or discharge is occurring, the District must have access to the site for inspection or sampling. If the District samples, then you must pay the costs of sample collection and analysis, as established by the *Cost Recovery Procedures Manual*, pages 11-3 to 11-4.
- (6) If the total volume discharged exceeds 50,000 gallons, then the District must receive sewer user charges at a rate of \$2.50 per thousand gallons, according to the *Cost Recovery Procedures Manual*, page 11-5. The District will issue a bill after receiving the report required by Condition (4).
- (7) Mr. David Wozniak of the District's sampling staff must receive notice of the commencement of discharge. Contact Mr. Wozniak at 414-325-5134 or [dwozniak@mmsd.com](mailto:dwozniak@mmsd.com).
- (8) The approved discharge location is District MIS Manhole 04203, which is on the north bank of the Menomonee River, east of 35<sup>th</sup> Street. Please notify the District of any change to the discharge location.

If you have questions, please contact Tom Nowicki at 414-225-2275 or [tnowicki@mmsd.com](mailto:tnowicki@mmsd.com).  
Thank you for your cooperation.

Sincerely yours,

A handwritten signature in black ink that reads "Sharon K. Matheus for Peter R. Topczewski". The signature is written in a cursive style.

Peter R. Topczewski  
Director of Water Quality Protection

Enclosure

Copy: N. Jaber, City of Milwaukee  
D. Misky, Redevelopment Authority

## **Subchapter II – Discharge Regulations**

### **11.201 General Prohibitions**

#### **(1) Compliance with Rules**

Users may not discharge to the sewerage system except in compliance with this chapter.

#### **(2) Interference**

Users may not discharge any pollutant to the sewerage system in a quantity or concentration that, alone or in conjunction with other discharges:

- (a) inhibits or disrupts the sewerage system or its sludge processes; and**
- (b)**
  - 1. causes a violation of the District's WPDES permits or air pollution control permits;**
  - 2. increases the magnitude or duration of a violation;**
  - 3. prevents the use or disposal of sewage sludge in compliance with any applicable local, state or federal statutes, ordinances regulations, permits, or other requirements; or**
  - 4. inhibits the marketing of treated sewage sludge.**

#### **(3) Pass Through**

Users may not discharge to the sewerage system any pollutant in a quantity or concentration that, alone or in conjunction with other discharges, is a cause of a discharge from the sewerage system to waters of the state that violates the District's WPDES permits or increases the magnitude or duration of a violation.

### **11.202 Prohibited Discharges**

Users may not discharge to the sewerage system:

- (1) pollutants that create a fire or explosion hazard in the sewerage system, including but not limited to pollutants that result in wastewater with a closed cup flashpoint of less than 140 F or 60C;**
- (2) pollutants that will cause corrosive structural damage to the sewerage system, including but not limited to discharges with a pH lower than 5.0 s.u.;**
- (3) solid or viscous pollutants that will obstruct the flow in the sewerage system;**

- (4) heat in amounts that will cause interference by inhibiting the biological activity in the treatment plant, including but not limited to heat in an amount that causes the influent of the treatment plant to exceed 40 C (104 F);
- (5) used motor vehicle anti-freeze, motor oil, brake fluid, transmission fluid, hydraulic fluid, oil-based paint, and paint thinners if the material is in a collectable and recyclable quantity or if the discharge would result in a violation of the oil and grease limit set forth in sec. 11.203(1);
- (6) pollutants that result in the presence of toxic gases, vapors, or fumes within the sewerage system in a quantity that may cause acute worker health and safety problems;
- (7) hauled waste, except for hauled waste that:
  - (a) consists only of domestic wastewater, and
  - (b) is discharged at a point designated by the District;
- (8) any substance that will cause the sewerage system's treatment residues, sludge's, or scum's to be unsuitable for reclamation and reuse, that causes interference with the reclamation process, or that inhibits the marketing of treated sewage sludge;
- (9) any wastewater that contains radioactivity in amounts greater than a drinking water standard established by the U.S. Environmental Protection Agency or the Department;
- (10) at any site that is either served by a separate storm water conveyance system or riparian to waters of the state:
  - (a) storm water, surface water, or groundwater, except when a remedial action undertaken according to the requirements of the Department or the U.S. Environmental Protection Agency requires the removal of this type of water and a direct discharge to waters of the state would impose unreasonable costs or delays;
  - (b) roof runoff;
  - (c) subsurface drainage;
  - (d) single-pass cooling water, cooling tower blowdown, or reverse osmosis concentrate, except as provided in subpar 1 and 2:
    - 1. If a storm sewer is not available, then a user may discharge cooling tower blowdown and reverse osmosis concentrate from December 1 to March 31 and any other period when necessary to protect the public health, welfare, or safety.
    - 2. Users may discharge single-pass cooling water from small-scale bench-top condensers, except as provided in par. (e)(2).
  - (e) from sources constructed after May 1, 2005:

1. condensate from compressed air or process steam systems, and

2. single-pass cooling water from small-scale bench-top condensers; or

(f) any other wastewater for which the Department has issued a general WPDES permit;

(11) any non-domestic wastewater before the District has approved a *Notice of Intent* submitted according to sec. 11.401;

(12) any mass, concentration, or volume of a substance in excess of the amount allowed in the user's Wastewater Discharge Permit; and

(13) The following pollutants, except as provided in pars. (b), (c), and (d):

Acrolein	Furans
Alkylated lead	Heptachlor
Benzo(a)Pyrene	Hexachlorobenzene
Chlordane	Lindane (BHC)
Dieldrin	Mirex
Dioxins	Pentachlorobenzene
3,3'-Dichlorobenzidine	Polybrominated biphenyl ethers
4,4'-Dichlorodiphenyltrichloroethane (DDT)	Polychlorinated biphenyls (PCBs)
Endosulfan	1,2,4,5-Tetrachlorobenzene
Endrin	Toxaphene
Fluoranthene	2,4,6-Trichlorophenol

(b) amounts allowed by an applicable categorical pretreatment standard;

(c) amounts occurring in landfill leachate after implementation of the best available treatment technology economically achievable, according to a limit established in a wastewater discharge permit;

(d) amounts caused by sources beyond the reasonable control of the user, such as contamination in the water supply, air deposition, or raw materials

### 11.203 Local Limits

- (1) (a) Users may not discharge into the sewerage system any process wastewater containing concentrations of pollutants greater than the following limits, except as provided in sec. 11.213 and sec. 11.214(12):

<b>Pollutant</b>	<b>Limit (mg/L)</b>
Ammonia	224 <sup>(1)</sup>
Arsenic, total	0.6
Cadmium, total	1.5
Chromium, total	64
Copper, total	6.0
Lead, total	2.0
Mercury, total	0.0026
Molybdenum, total	12
Nickel, total	4.0
Silver, total	5.8
Zinc, total	8.0
Cyanide, total	2.9
Hexane extractable materials <sup>(2)</sup>	300

(1) This limit applies only to discharges normally tributary to the South Shore Wastewater Treatment Facility.

(2) This limit applies to results obtained using Method 1664, as established by 40 CFR 136.