

Permit Fact Sheet

NOTE: This fact sheet addresses changes made to Permit No. WI-0059170-04-2. For a full justification of permit conditions not affected by the first modification, see the fact sheet for Permit No. WI-0059170-04-0.

General Information

Permit Number	WI-0059170-04-3
Permittee Name and Address	Bytec Resource Management Inc Monroe 1037 8th Ave W, Monroe, WI 53566
Receiving Water	Groundwaters of the state located primarily in the counties of Dane, Dodge, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, and Vernon

Facility Description

Bytec Resource Management, Inc. (hereafter Bytec) is a contract waste hauler that provides short-term storage and landspreading of industrial wastes (Ch. NR 214, Wis. Adm. Code) from numerous confidential clients. Bytec does not manage septage waste (ch. NR 113, Wis. Adm. Code) under this WPDES permit. Bytec typically operates under two scenarios:

- Wastes are received from off-site industrial generators, stored in Bytec's tanks, and before being landspread, the tanks are mixed, the wastes are sampled, then landspread on department approved sites. No sewage sludge or septage is stored in the tanks.
- Wastes are received from off-site generators and hauled directly to department-approved fields for landspreading without storage. Wastes are sampled at monthly or quarterly intervals.

Bytec has 1,607 department-approved fields (~46,000 acres) for landspreading of industrial liquid waste and industrial sludge. Bytec's approved fields are located primarily in Dane, Dodge, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, and Vernon counties. Each field must comply with ss. NR 214.17(2), or NR 214.18(2), Wis. Adm. Code requirements for site location criteria.

Summary of Changes:

The following sections of this permit were modified:

- Section 2.1: Sample points 227 and 228 plus descriptions were added for the 'Bare Farm Tank' and the 'Mertens Tank'.

227	Land application of commingled industrial liquid waste from 2.0 MG steel, glass-lined slurrystore located at SW 1/4, NW 1/4, S3, T10N, R6E in the City of North Freedom (Industrial Liquid Waste, Industrial Liquid Sludge).
228	Land application of commingled industrial liquid waste from 9.6 MG concrete-lined tank located at SW 1/4, SE 1/4, S26, T17N, R20E in the City of Kiel (Industrial Liquid Waste, Industrial Liquid Sludge). PLACEHOLDER: DEPT. APPROVAL REQUIRED PRIOR TO USE.

- Section 2.3.1: Sample point 227 'Bare Farm Tank' and a placeholder sampling point 228 'Mertens Tank', added to this subsection. Monitoring requirements for waste which is land applied from these structures are identical to other off-site industrial storage structures

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Flow Rate		gal/month	Monthly	Measure	
Solids, Total		Percent	Monthly	Composite	

Nitrogen, Total Kjeldahl		mg/L	Monthly	Composite	
Nitrogen, Ammonia (NH3-N) Total		mg/L	Monthly	Composite	
Phosphorus, Total		mg/L	Monthly	Composite	
Phosphorus, Water Extractable		% of Tot P	Quarterly	Composite	
Potassium, Total Recoverable		mg/L	Monthly	Composite	
pH Field		su	Monthly	Grab	
COD		mg/L	Monthly	Composite	
Chloride		mg/L	Monthly	Composite	

- Section 5.1: A schedule item was added requiring an update to the management plan to include the 'Redwood Rd Farm Tank'

Required Action	Due Date
Management Plan Update - Bare Farm and Mertens Tanks: Submit an update to the management plan to incorporate operational changes associated with the 2MG Bare Farm Tank and the 9.6 MG Mertens Tank.	11/30/2026

Expiration Date:

09/30/2028 (unchanged)

Prepared By:

Nate Willis, P.E.
Wastewater Section Manager
Bureau of Water Quality

Date: 08/14/2026