

# Permit Fact Sheet

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

## General Information

Permit Number:	WI-0059170-04-1
Permittee Name:	Bytec Resource Management Inc Monroe
Address:	1037 8th Ave W
City/State/Zip:	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:

Four sections of this permit were modified:

- Section 2.1: Sampling point 225 plus a description were added for new existing ‘Reichling Tank’. Placeholder language is included as this tank has not yet been approved as of the date of this fact sheet.

225	Reichling Tank (900,000 gal). Located at NW 1/4, NE 1/4, S28, T6N, R4E, Twp Ridgeway, Iowa County. No manure is stored in tank. No municipal biosolids or septage are allowed in the tank. Land application of industrial liquid waste and sludge from 0.9 MG steel, glass-lined storage structure known as the 'Reichling Tank' (Industrial Liquid Waste, Industrial Liquid Sludge). PLACEHOLDER: DEPT. APPROVAL REQUIRED PRIOR TO USE.
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- Section 2.3.1: Sampling point 225 ‘Reichling Tank’ added to this subsection. Monitoring requirements for waste which is land applied from this structure are identical to other offsite industrial storage structures.

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Flow Rate		gal/month	Monthly	Measure	Industrial Liquid Waste and Industrial Liquid Sludge.
Solids, Total		Percent	Monthly	Composite	
Nitrogen, Total Kjeldahl		mg/L	Monthly	Composite	
Nitrogen, Ammonia (NH <sub>3</sub> -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 4.1: Language was modified to both clarify the site reauthorization requirement and provide the permittee with some degree of certainty for the long-term sufficiency of a particular approved landspreading site.
- Section 4.3: Language was modified pertaining to the site notification requirement. This updated language allows for flexibility on the permittee's part with regards to what sites are utilized for landspreading purposes while also ensuring the department maintains its ability to conduct inspections and follow up on landspreading complaints.

**Expiration Date:**

09/30/2028 (unchanged)

**Prepared By:**

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Bureau of Water Quality

**Date:** 05/21/2024

**Notice of modification was published in the The Monroe Times, 1065 4<sup>th</sup> Ave. West, Monroe, WI 53566.**