



# Nutrient Management Fact Sheet: Rhode Island

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## Nutrient Management Plans

Topic	Summary
Coverage	CAFOs seeking coverage under a <a href="#">RIPDES</a> permit must implement a Nutrient Management Plan. <sup>1</sup>
Content	Nutrient Management Plans (NMP) must: <sup>2</sup> <ul style="list-style-type: none"> <li>- Ensure adequate storage of manure, litter, and process wastewater.</li> <li>- Ensure that clean water is diverted from the production area.</li> <li>- Prevent direct contact of confined animals with waters of the United States.</li> <li>- Identify appropriate site-specific conservation practices to be implemented.</li> <li>- Identify protocols for appropriate testing of manure, process wastewater and soil.</li> <li>- Establish protocols to land apply manure or process wastewater in accordance with site-specific nutrient management practices.</li> <li>- Identify specific records that will be maintained.</li> </ul>
Frequency of Updates	There is not a reference to update frequency requirements, but annual reports are required.
Paperwork	Under the RIPDES permit, records, including the NMP, must be maintained for five years and made available to the department upon request. Public notice must be provided when a draft permit has been prepared. <sup>3</sup>
Planner Qualifications	The RIPDES annual report must include a statement indicating whether the current NMP was developed or approved by a certified nutrient management planner. <sup>4</sup>

## Manure Storage and Application

Topic	Summary
Storage	Under the RIPDES, the production area must be designed, constructed, operated, and maintained to contain all manure and process wastewater, including the runoff and the direct precipitation from a 25-year, 24-hour rainfall event. <sup>5</sup>
Application	<u><a href="#">Spreading</a></u> Under the RIPDES, the NMP must include fields available for land application, including application rates based on the liner approach or the narrative rate approach. Manure may not be applied within 100 feet to any down-gradient surface waters, open tile line intake structures, sinkholes, agricultural well



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heads or other conduits to surface waters. A 35-foot-wide vegetated buffer or other conservation practice or conditions may replace the 100-foot setback. <sup>6</sup>

### Testing

Under the RIPDES, manure must be analyzed a minimum of once annually for nitrogen and phosphorus content, and soil analyzed a minimum of once every five years for phosphorus content. <sup>7</sup>

### Technical Assistance

Topic	Summary
Software Tools	<a href="#">Manure Management Planner (MMP)</a> is a software tool created by Purdue University that includes state-specific information for Rhode Island farmers to create manure management plans for crop and animal feeding operations.
Guides / Handbooks	RI NRCS <a href="#">nutrient management 590 standard</a> .  Farmers can find a list of BMPs for Barnyard, Manure, and Waste Management on Rhode Island operations <a href="#">here</a> .
Tailored Expert Assistance	<a href="#">Northern Tilt</a> works with Rhode Island dairy farmers to develop state and federally compliant nutrient management plans.

### Financial Assistance

#### Summary

RI NRCS provides assistance through:

- Environmental Quality Incentives Program ([EQIP](#)) - offers financial cost-share assistance to farmers for the adoption of conservation practices and development of nutrient management plans.
- Conservation Stewardship Program ([CSP](#)), which gives producers financial assistance to implement new conservation management practices and enhancements.

<sup>1</sup> <https://www.law.cornell.edu/regulations/rhode-island/250-R-I-Code-R-SS-250-RICR-150-10-1-17>

<sup>2</sup> <https://www.law.cornell.edu/regulations/rhode-island/250-R-I-Code-R-SS-250-RICR-150-10-1-17>

<sup>3</sup> <https://www.law.cornell.edu/regulations/rhode-island/250-R-I-Code-R-SS-250-RICR-150-10-1-42>

<sup>4</sup> <https://www.law.cornell.edu/regulations/rhode-island/250-R-I-Code-R-SS-250-RICR-150-10-1-17>

<sup>5</sup> <https://www.ecfr.gov/current/title-40/chapter-I/subchapter-N/part-412>

<sup>6</sup> <https://www.ecfr.gov/current/title-40/chapter-I/subchapter-N/part-412>

<sup>7</sup> <https://www.ecfr.gov/current/title-40/chapter-I/subchapter-N/part-412>