

# Environmental Quality Incentives Program

## 2013 EQIP Signup

Minnesota Supplement for:

Practice Standard 629 – Wastewater Treatment

### Supplemental Criteria

1. **Consult General Provision 15 for Ag Waste System payment cap information.**
2. Payment is limited to where the implementation of this practice will correct an existing pollution problem. As outlined by the EQIP manual, any EQIP contract that includes an animal waste storage or treatment facility will provide for the development of a CNMP prior to implementation of the storage or treatment. MPCA's definition is used to define a pollution problem.
3. Consult General Provision 13 for **Comprehensive Nutrient Management Plan (CNMP) requirements.**
4. Consult General Provision 14 for requirements related to manure application land base and/or manure applications on land not owned or controlled by the EQIP contract holder.
5. Payment for Wastewater Treatment on operations with pollution problems less than 5 years old is not authorized.
  - a. Examples:
    - i) Producer A has had a dairy farm operation for 20 years. Producer B purchases the dairy and continues milking cows. This pollution problem is greater than 5 years old and producer B meets this eligibility requirement for Payment assistance.
    - ii) A producer has a dairy operation on farm A. He purchases farm B and moves the dairy operation to farm B where there was no previous pollution problem. Farm B would be considered a new facility and would not be eligible for Payment assistance.
6. Payment is not authorized for Wastewater Treatment on operations where the system establishment is required as a result of judicial or court action. MPCA Stipulation Agreement and Schedule of Compliance (SOC) are not considered a judicial or court action, and practice implementation is still considered voluntary for EQIP eligibility purposes, even if fines have been levied by the MPCA.
7. Payment rate includes components needed for the actual waste treatment. Components needed for temporary storage and transfer of wastes are covered under separate practices.
8. Maximum payment is based on the current capacity of the existing facility plus up to 25% expansion.

### Scenarios

#### **Milking Parlor Waste Treatment System with Dosing System and Bed**

This practice scenario includes a dosed treatment system with an organic bed for milking parlor wastewater. The purpose of the practice is to address resource concerns related to water quality degradation due to (excess nutrient, salts and pathogens).

Associated practices: Nutrient Management (590), Pumping Plant (533), Fence (382), Waste Storage Facility (313), Manure Transfer (634), Pond Sealing or lining Flexible Membrane (521A), Pond Sealing or Lining, Bentonite Sealant, Irrigation Pipeline (430), Irrigation System,

Sprinkler (442), Irrigation System Surface and Subsurface (443), Heavy Use Area Protection (561), Critical Area Planting (342), Sediment Basin (350), Drainage Water Management (554)

### **Waste Treatment System with Dosing System**

This practice scenario includes a dosed treatment system for milking parlor wastewater that will outlet to a constructed wetland and/or vegetated treatment area and/or other acceptable treatment. The purpose of the practice is to address resource concerns related to water quality degradation due to (excess nutrient, salts and pathogens).

Associated practices: Constructed Wetland (656), Vegetated Treatment Area (635), Waste Transfer (634), Nutrient Management (590), Pumping Plant (533), Fence (382), & Waste Storage Facility (313), Pond Sealing or lining Flexible Membrane (521A), Pond Sealing or Lining, Bentonite Sealant, Irrigation Pipeline (430), Irrigation System, Sprinkler (442), Irrigation System Surface and Subsurface (443), Heavy Use Area Protection (561), Critical Area Planting (342), Sediment Basin (350), Drainage Water Management (554)

**ATTACHMENT E**

<b>MANURE AND WASTEWATER STORAGE AND HANDLING EVALUATION CHECKLIST</b>	<b>Checked ✓</b>	<b>Concern Identified ✓</b>
1. Facility Description	NA	NA
2. Surface Water Pollution Assessment		
<ul style="list-style-type: none"> <li>• Is all contamination runoff stored or adequately treated? (NRCS Standard)</li> </ul>		
<ul style="list-style-type: none"> <li>• Are all roofs and drainage areas to open lots diverted away or included in storage volume computations? (NRCS Standard 313)</li> </ul>		
3. Odor Assessment		
4. Storage Facilities:		
<ul style="list-style-type: none"> <li>• Is the manure storage volume adequate to meet Manure Management Plan requirements? (NRCS Standard 313)</li> </ul>		
<ul style="list-style-type: none"> <li>• Are there apparent structural concerns?</li> </ul>		
<ul style="list-style-type: none"> <li>• Is there loss of manure due to excessive seepage?</li> </ul>		
<ul style="list-style-type: none"> <li>• Do water tests from well indicate any potential seepage issues?</li> </ul>		
<ul style="list-style-type: none"> <li>• Does perimeter tile discharge indicate seepage (discoloration, odor)?</li> </ul>		
<ul style="list-style-type: none"> <li>• Is there proper setback from wells? (MN Rules Chapter 4725.4450)</li> </ul>		
<ul style="list-style-type: none"> <li>• Are safety signs, fences, grates, etc., present where needed?</li> </ul>		
<ul style="list-style-type: none"> <li>• Are temporary stockpiles properly sited? (MPCA Guidelines)</li> </ul>		
<ul style="list-style-type: none"> <li>• Is livestock watering equipment in good repair and not leaking?</li> </ul>		
5. Ground Water Pollution Potential		
<ul style="list-style-type: none"> <li>• Are special geologic conditions accounted for? (NRCS Standard 313, MPCA Karst Guidelines)</li> </ul>		
6. For dairy operations, is the milk parlor wash water properly handled? (NRCS Standard)		
7. Is silage leachate properly handled? (NRCS Standard)		
8. Are animal mortalities handled properly?		
9. Does the O&M Plan address operational and safety aspects of the planned structures (NRCS Standard 313)?		
10. Does the facility have an Emergency Response Plan?		