

**eCMAR SECTION INSTRUCTIONS:  
Groundwater Quality**

**1. Groundwater Quality Standards**

1.1 At any time in the past year were there Preventative Action Limit (PAL) or Alternative Concentration Limit (ACL) exceedances of public health and welfare parameters in any groundwater monitoring wells downgradient of the discharge location?

*Click on either the "YES" or "NO" button as appropriate. The PALs or ACLs specific to your facility are within your WPDES permit. Additional information may be found in NR 140 of the Wisconsin Administrative Code.*

*If you have answered "YES", then list the parameter exceedances in the comment box provided.*

*\*\*If you are unsure of what wells are located downgradient, contact your DNR District Wastewater Engineer or Specialist by clicking the 'REPORT ISSUE' button or by phone.*

1.2: At any time in the past year were there Enforcement Standard (ES) or ES Alternative Concentration Limit (ACL) exceedances in any groundwater monitoring well downgradient of the discharge location?

*Click on either the "YES", "NO" or "NA" button as appropriate. Note, you may only click on the "NA" if the Department has formally confirmed your system is a diffused surface water discharge system (see more below).*

*The ESs or ACLs specific to your facility are within your WPDES permit typically in section 3. Additional information may be found in NR 140 of the Wisconsin Administrative Code.*

*A diffused surface water system is one in which there has been confirmation by the Department that groundwater flow discharges to surface water at or prior to the point of standards application (PSA) for NR 140 standards. The PSA for a NR 140 ES is the closer of the facility Design Management Zone (DMZ) or the facility property boundary. The maximum distance for which such a confirmation can be made is 375' from the point that the wastewater is disposed of. 375' would constitute an expanded DMZ. In other words, the groundwater flow must discharge to a surface water within 375' of the wastewater disposal for a system to potentially be confirmed as a diffused surface water discharge system.*

*If you have answered "YES", then you must list the exceedances in the comment box provided.*

1.3: At any time in the past year were there Enforcement Standard (ES) or ES Alternative Concentration Limit (ACL) exceedances at any point of standards application monitoring well? Point of standards application monitoring wells are those wells used to determine if a ES or ACL has been exceeded at any one or more of the following: 1) Any point of groundwater use; 2) Any point beyond the property boundary on which the facility is located; 3) Any point beyond the design management zone.

*Click on either the "YES", "NO" or "NA" button as appropriate. Note, you may only click on the "NA" if the Department has formally confirmed your system is a diffused surface water discharge system (see more below).*

### 1.3 Continued

*The ESs or ACLs specific to your facility are within your WPDES permit typically in section 3. Often the PSA wells will also be identified within your discharge permit. If you have questions as to whether or not any of your wells are PSA wells, contact your Department representative. Additional information may be found in NR 140 of the Wisconsin Administrative Code.*

*A diffused surface water system is one in which there has been confirmation by the Department that groundwater flow discharges to surface water at or prior to the point of standards application (PSA) for NR 140 standards. The PSA for a NR 140 ES is the closer of the facility Design Management Zone (DMZ) or the facility property boundary. The maximum distance for which such a confirmation can be made is 375' from the point that the wastewater is disposed of. 375' would constitute an expanded DMZ. In other words, the groundwater flow must discharge to a surface water within 375' of the wastewater disposal for a system to potentially be confirmed as a diffused surface water discharge system.*

*If you have answered "YES", then you must list the exceedances in the comment box provided.*

## **2. Groundwater Evaluation Report**

2.1: Has a comprehensive Groundwater Compliance Evaluation Report been done by either your consultant or the Department?

*Click on the "YES" or "NO" button as appropriate. If you click on the "YES" button, you must include the date of the evaluation in the space provided immediately to the right of "DATE".*

*Groundwater Compliance Evaluations can be done at any time but are most frequently done around permit re-issuance. They are designed to evaluate the impact your system's discharge is having to the groundwater. Dependent upon the impact, different responses will be appropriate.*

*If you answered "YES", briefly summarize the findings in the space provided. Groundwater findings can range from no impact, to increased monitoring, to changing operations, or in some cases a complete plant upgrade.*