



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

**MULTIPLE DISCHARGER VARIANCE (MDV) ENGINEERING FIELD
EVALUATION FORM**

NOTE ► An engineering field evaluation will be completed by Department of Natural Resources engineers for each MDV applicant to determine if the facility meets the requirements of a facultative, multi-cell, well-functioning lagoon.

1. GENERAL INFORMATION

OWNER NAME	PERMIT NUMBER (s) #MO-
FACILITY NAME	COUNTY

2. LAGOON BASIC INFORMATION

DESIGN FLOW	ACTUAL FLOW	PEAK FLOW
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2.1 Is the discharge continuous throughout the year? Yes No

2.2 If the lagoon's discharge is not continuous throughout the year, explain. What is the frequency and duration of the discharge?

2.3 Lagoon type: Aerated Un aerated

2.4 Number of lagoon cells: _____ cells

2.5 Required acreage for wastewater irrigation: _____ acres

3. SLUDGE INFORMATION

3.1 Sludge depth measurements for each cell:
Sludge depth measurements must be provided by the facility

Field Notes:

4. LAGOON EVALUATION	
4.1 Are there industries discharging to the facility?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.2 Is the vegetation maintained properly?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.3 Are the berms maintained properly?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.4 Is the fence maintained properly?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.5 Note any issues with vegetation, rodent burrowing, erosion, sludge, etc.	
4.6 Note the appearance of the effluent such as color, odor, particles, etc.	
5. CONCLUSION	
5.1 General overall condition of the lagoon:	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
5.2 Overall Comments:	
5.3 Recommendation: <input type="checkbox"/> The facility does meet the requirements of the MDV as a “well-functioning” lagoon. <input type="checkbox"/> The facility does not meet the requirements of the MDV as a “well-functioning” lagoon.	
5.4 Explain the recommendation:	
STAFF NAME	DATE OF FIELD EVALUATION
<i>Field Notes:</i>	