

Melvin Brochman

Feedlot Improvement Project



Before (August 2007)

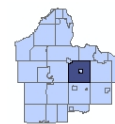


After (June 2008)

Project: A diversion was installed to direct feedlot runoff to a concrete picket that traps manure solids on the feedlot. The liquid manure flows through the picket and through a 390' x 60' grass buffer that filters the nutrients within the runoff. The manure solids will be collected and spread on crop fields as fertilizer, or stored on the newly constructed 50'x50' concrete slab with a 4' high perimeter wall. The slab allows for manure storage when fields are not available for spreading.

Location:

Section 35
Vermillion Twp.



Practice:

Wastewater and
Feedlot Runoff
Control

Benefits:

Eliminate 11 lbs.
of phosphorus
runoff during a
25-year, 24-hour
rainfall event (4.8
inches)

Partners:

BWSR

VRWJPO

Watershed:

Vermillion River

Sub-Watershed:

Lower Vermillion

Funding: Total project cost: \$34,408

- BWSR-FWQG: \$15,473 (45%)
- IPP Program: \$2,063 (6%)
- Landowner: \$16,872 (49%)

2008