

Figure 1.



Farm Walkover for Soil & Water Management

Participant: Example Farm, Owner
Example Watershed

Walkover Date: 06/03/2013

Land Owned and/or Managed: Farm is in the lower west section of Example watershed, west of the Big River. Cropland is sloped with obvious notched areas for waterway placement. South east edge of property is at upper edge where crop and pasture land begins dropping into ravine landscape. The farm has 210 total acres; approximately 200 acres of cropland and the remainder in permanent grass concentrated flow areas.

Beneficial Practices:

- ✓ Rotating crops.
- ✓ Maintaining contour strips and fields.
- ✓ No-till and minimum tillage farming system.
- ✓ Manure and legume nutrient crediting with current soil tests.
- ✓ Maintaining grassed waterways where needed.
- ✓ Maintaining un-cropped grass sod in concentrated flow areas.

Water Quality Risk Evaluation:



Low Risk

- Waterway areas through cropland have been looked at. Most are currently in good condition. Maintain in sod and reshape as needed; maintain stable outlets so water can exit into grass concentrated flow areas.



Medium Risk

- Scattered spots where waterways through cropland (1, 3, etc) need to be established expanded or maintained. Reshape, widen and Improve outlets.
- Small areas of new clearing tree removal (2,4) show soil loss. Re-vegetate and / or feather into adjoining cropland. See high risk note for (4) below.
- NW Headland of last contour strip before grass area (6) is steep and used as part of field road. Next time strip is in hay, consider leaving grassed headland for machinery traffic.



High Risk

- West side of middle piece of cropland (5): Grass waterway needs to be established in area where spring erosion cut a channel.
- On same hillside (4) new clearing area with loose soil shows active soil movement down to un-cropped grass area. Consider how this new cleared area will best feather into adjoining cropland. Re-vegetate, keep on contour, include grassed waterways as needed.

Suggestions:

- ✓ Establish, maintain and reshape waterways; deepen – widen - and stabilize outlets as needed.
- ✓ Establish waterway and stabilized outlet at (5).
- ✓ Incorporate new clearing area (4) into adjacent cropland to minimize soil loss.

Technical assistance by: UW-Discovery Farms, (715) 983-2240

Discovery Farms Program, University of Wisconsin – Extension

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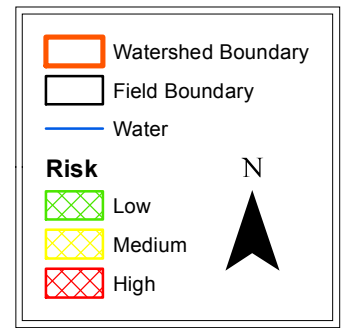
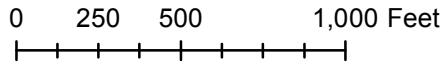
Date: August 2013

Figure 2.

Farm Walkover for Soil & Water Management



Example Farm Town-Range-Section Location



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics,

Note: Property without risk concerns may not be shown.

Map made by: Creator, Date