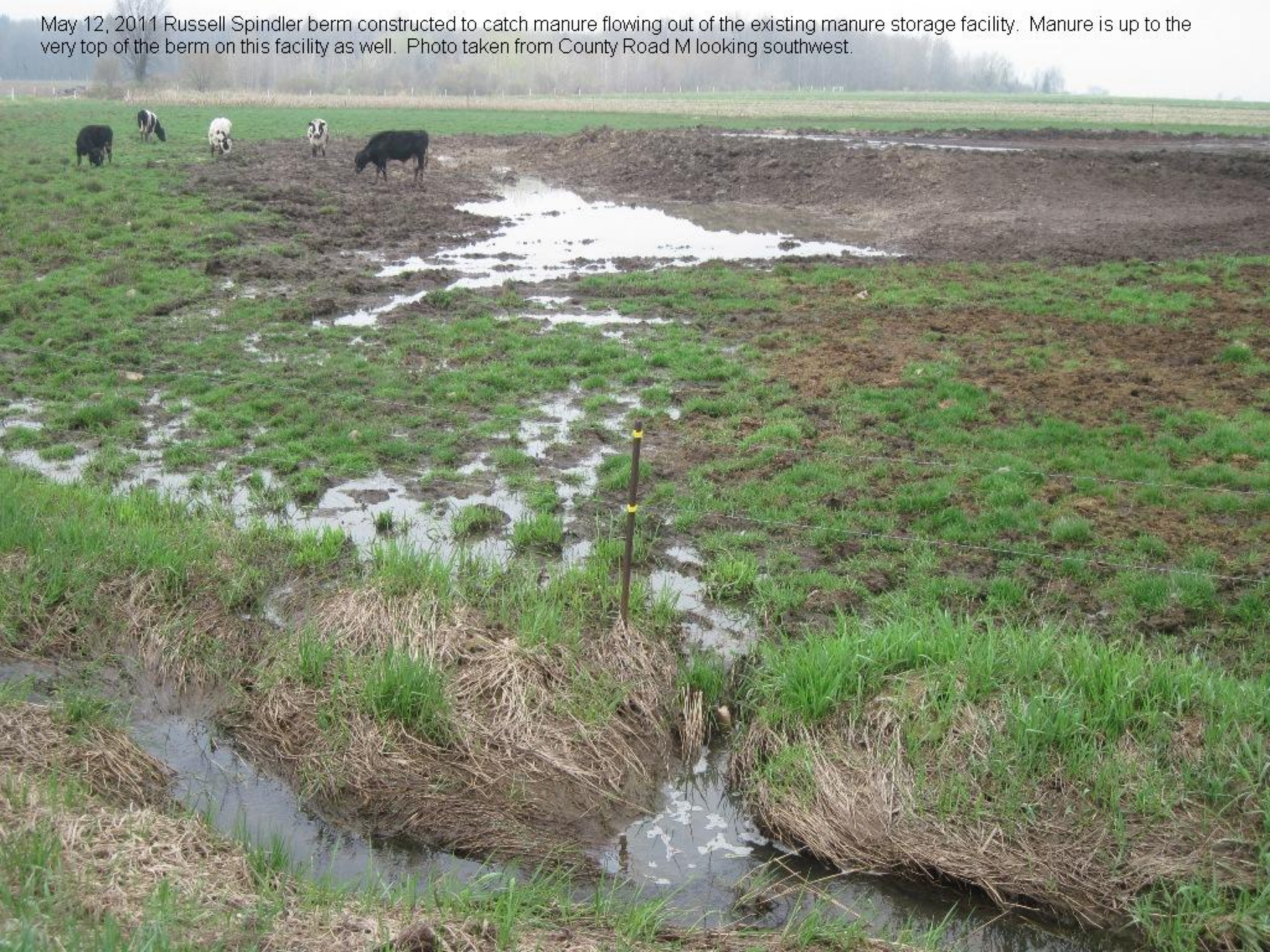
March 18, 2011-photo of Russell Spindler manure storage overflowing and running SE to wetland and channelized flow. Picture was taken from County Road M at SE property corner looking NW.

March 18, 2011 - Russell Spindler manure storage overflowing to wetland and ultimately concentrating in road ditch along County Road M. Phot taken from County Road M looking east.


March 18, 2011 - Russell Spindler manure storage overflow. Manure flowing like "lava" into wetland and road ditch. Photo taken from County Road M looking east.

March 21, 2011 - Photo of Russell Spindler farm showing runoff from feedlot. Photo taken from southeast property corner looking to the northwest.

May 12, 2011-Russell Spindler manure storage facility at maximum capacity and overflowing again. If you look closely you can see a second "storage" facility has been constructed to catch manure that began flowing out of the pit for the second time this year. Photo was taken from the northwest corner of the existing manure storage facility looking to the southeast.



May 12, 2011 Russell Spindler berm constructed to catch manure flowing out of the existing manure storage facility. Manure is up to the very top of the berm on this facility as well. Photo taken from County Road M looking southwest.

May 12, 2011-Russell Spindler farm. Picture of collection basin construct to catch manure flowing out of the manure storage facility. Basin is at capacity immediately after it was constructed. Photo taken from County Road M looking to the northwest.

May 24, 2012 – Standing on the north side of the barn looking southwest at the machinery crossing installed to carry feedlot runoff water from the heifer/dry cow lot to the manure storage transfer so that it can be pumped to the manure storage facility.

May 24, 2012 – Standing on the north side of the barn looking west at the machinery crossing where it meets the dry cow/heifer lot. You can also see the ramp to scrape solids into the manure storage facility.

May 24, 2012 – Standing on the machinery crossing on the southwest side of the of the dry cow/heifer lot looking north. You can see between the east wall of the lot and the west side of the building there is a tiled rock envelop designed to catch any roof runoff and transport it underground to the waterway north of the machine shed.

May 24, 2012 – Standing on the west side of the barn looking east, southeast over the area where the failing manure storage facility has been closed.

May 24, 2012 – Standing on the west side of the barn looking southeast over the area where the failing manure storage facility has been closed. You can also see that the cattle have been fenced from the wetland area to restrict access.

May 24, 2012 – Standing on the southwest side of the barn looking northeast over the barnyard on the south side of the barn. Since this feedlot is in a SWQMA, all clean water needs to be diverted. Roof gutters were used to catch and divert clean water.

May 24, 2012 – Standing on the south side of the barn, on the feedlot, looking northeast at the gutters along the south side of the barn. Since this feedlot is in a SWQMA, all clean water needs to be diverted. Roof gutters were used to catch and divert clean water.

May 24, 2012 – Standing on the south side of the barn, east side of the feedlot, looking northeast, you can see that the roof gutters outlet to a stable vegetated area. Since this feedlot is in a SWQMA, all clean water needs to be diverted. Roof gutters were used to catch and divert all the roof water.

May 24, 2012 – Standing on the feedlot push-off ramp, on the southeast side of the long term manure storage facility, looking to the north along the east side of the storage. Fence is up and seeding on the dikes is just starting to come up.

May 24, 2012 – Standing on the feedlot push-off ramp, on the southeast side of the long term manure storage facility, looking to the northwest, notice the concrete floor with earthen side slopes. The facility was emptied in spring and only had 3 months of accumulation. Fence is up and seeding on the dikes is just starting to come up.

May 24, 2012 – This photo is taken standing on the feedlot push-off ramp, on the southeast side of the long term manure storage facility, looking to the west at the drive in ramp off the southwest corner of the manure storage facility. The floor of the facility is sloped from south to north, north being the deepest end of the facility. Fence is up and seeding on the dikes is just starting to come up. The push off bar will be installed when the level of the manure reaches the floor at the south end of the facility.

May 24, 2012 – This photo is taken standing on the feedlot push-off ramp, on the southeast side of the long term manure storage facility, looking to the east at the dry cow/heifer lot on the west side of the machine shed.

May 24, 2012 – This photo is taken standing on the feedlot push-off ramp, on the southeast side of the long term manure storage facility, looking to the northeast at the dry cow/heifer lot on the west side of the machine shed.