

January 1 2015 – December 31 2015

From October 1 – December 31 2014 the Wabasha SWCD spent an additional \$17,249.72 which left (-18,224.65). They received the next 40% (\$58,501.00) in December of 2014.

Feedlot Tech Bridget Evers resigned her position on June 12 2015. A 6 month grant extension was requested and received in December of 2015; new grant end is 7/1/2016.

From 1/1/2015 – 12/31/2015 the Wabasha SWCD spent \$34,407.03 which leaves \$5,869.32. Their last 10% will be \$14,625.00, meaning they will have to spend \$20,494.32 by 7/1/2016.

Report by Wabasha SWCD: Bridget Evers January 2015- June 2015

2- MinnFarm's completed

1- Irrigation system interest

9- Manure samples collected

1- Ag. Waste in Fillmore ready to construct this spring did the pre-construction meeting already

1- Karst Walk for Kevin Gunhus

2- Feedlot fix

2- CNMP's for EQIP contracts

2- Ag waste in Wabasha County (state cost share money)

9- Spreader Calibrations

5- Possible grazing systems with John Zinn

1- Building permits for new parlor

1- Concrete training field 1 certificate

I have also been working with Pete and Kate quite a bit with surveys and helping with pits at different sites in Winona, Goodhue, and Wabasha County. Along with that I have been helping with Feedlot fix designs and surveys with Kate, and Amanda along with Pete. Along with working with them I have been working with Matt on survey training and design training as well. Matt has also helped me with ArcGIS training as well

This year I have done 9 manure spreader calibrations this spring. These are nice because than I can help the farmer out to know what the recommended rate is. I also take manure samples so they know what they are applying to their fields for nutrients. I am now learning how to calculate how much Nitrogen and Phosphorous by a manure sample and also on what type of incorporation they use.

In Wabasha County we have 2 interested people in feedlot fixes. One is currently on hold because he is unsure of what the future holds on his farm. One is putting in a new parlor on his property and is wanting to install an irrigation system. I have checked with Linda Dahl that we could put low cost money towards this project if the board decides to and also depends on the funds available. Pete is working a design for him. Pete is worried on how much water the producer wants to design for. Both Jon Wallerich and Stacy Miller are getting feedlot fixes installed with Pete. I stopped out to a producer's farm that is doing an Ag waste through EQIP that is interested in doing a roof runoff structure in addition to the Ag waste structure that will be constructed on his property. He wants to add in a building to reduce water that is going into the pit. I have one Manure pit that will be constructed this year down in Fillmore County. In Wabasha there will be two pits as well. One is being built by a private engineer and the other Kate and I will be working on together. We did the pre-construction meeting as well as put offset stakes in for the contractor to cut out the access fill that they put in to protect over the winter. Also I have helped with a

few rotational grazing systems. This project is through the NRCS programs but this gives me the chance to learn new perspectives on different programs that would work on different land systems. Also on the NRCS side I have been working with the Nutrient Management Plans (NMP) that is linked to CAP's for the program. I have been working with Jeff King out of Dodge county with any questions that I have with NMP's. He has been a big help for me to understand what NMP's are and what they all need to be an acceptable nutrient management plan. I have two grazing projects that is through the healthy forest healthy waters funding.

Completed my ACI concrete training Field 1.

Matt Kruger Feedlot Tech Hours June 13th –December 31st 2015

- 1- Feedlot fix in Wabasha County finished construction right before freeze up
- 4- MinnFarm's completed
- 1- Runoff Control Project in Wabasha County surveyed & designed w/ Pete
- 2- Wabasha EQIP pits helped with the NMP and permits for these
- 4- Milk house waste treatment potential projects
- 4- Manure samples taken
- 2- Spreader Calibrations
- 3- Rotational Grazing systems planned or planning

After Bridget left in June of 2015 of assumed her responsibilities. I didn't get as many hours as I would of liked too working on feedlots but in 2016 I will spent 40% of my time and meet the requirements of the grant.

In June until December I spent some time working on Feedlots, mostly in Wabasha County. Currently we have one project just outside of Lake City where construction has been completed on a feedlot fix but in the spring we will have to make a few touch ups to his filter strip before he receives final payment.

I have several landowners interested in manure storage and asking how the process works. In 2016 I expect to be busy with feedlots because we have one planned for spring construction and I'm going to finish the feedlot survey Bridget started with every landowner in Wabasha County.

October 1 2014 – December 31 2014 Wabasha Feedlot Technical Program Report:

Wabasha SWCD, via the SE SWCD Tech Support JPB, was awarded a FY2013 CWL Accelerated Implementation grant for \$146,253, funded on a 50%/40%/10% basis. Grant terms run from February 21 2013 to December 31 2015. \$800 is allowed for Grant Administration, \$145,453 for Technical Assistance. A 25% Non-State Match (\$36,563.25) is required, and if Landowner time or expense is utilized, a signed landowner voucher is required.

The 1st 50% of this Grant (\$73,127) was received and \$31,545.04 spent as of 12/31/2013 leaving a balance of \$41,581.46 on 1/1/2014. **An additional \$42,556.39 has been spent as of 9/30/2014 leaving a balance of -\$974.93 (more spent than received, 1st 50% has been spent**

The next 40% of this Grant (\$58,501) was noticed to the Goodhue SWCD on December 4 2014 and then transferred to the JPB. Checks were then issued to Wabasha SWCD on December 10, 2014.

Wabasha SWCD planned to submit a supplemental 2014 yearend report, but due to circumstances beyond their control have not been able to provide additional reports. Below is the most recent report thru October of 2014.

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Report by Wabasha SWCD: Bridget Evers January 2014- October 2014

- 4- Feedlot fix in Winona with Amanda (Ready to go)
- 13- MinnFarm's completed
- 1- Manure Containment in Goodhue with Kate
- 1- Manure containment in Winona with Amanda
- 1- Manure containment in Freeborn with Pete (design done)
- 4- Feedlot fixes with Pete in Wabasha (2-designs complete 2-working on designs)
- 1- Manure storage in Winona with Amanda (survey Complete)
- 2- Wabasha EQIP pits helped with the NMP and permits for these
- 1- Ag Waste in Goodhue (survey complete)
- 1- Karst walk with Kate in Fillmore County
- 1- Bark Bed with Kate in Rice County
- 5- Milk house waste design with Kate
- 1- Milk House Irrigation System w/ Amanda in Winona
- 3- Manure samples taken
- 2- Spreader Calibrations

I have also been working with Pete and Kate quite a bit with surveys and helping with pits at different sites in Winona, Goodhue, and Wabasha County. Along with that I have been helping with Feedlot fix designs and surveys with Kate, and Amanda along with Pete. Along with working with them I have been working with Matt on survey training and design training as well. Matt has also helped me with ArcGIS training as well

This year I have only done 2 manure spreader calibrations with Travis and Spencer. I will be having a few more that will be done this fall when the corn is off. These are for people who signed up for CAP 102 or 590 through EQIP. I get Travis Hirman (Rice County) to come assist so that way he can get more involvement in the process of the NMP. These are nice because then I can help the farmer out to know what the recommended rate is; which is 25tons/acre, and what they are actually applying to their fields. I also take manure samples so they know what they are applying to their fields for nutrients. I am now learning how to calculate how much Nitrogen and Phosphorous by a manure sample and also on what type of incorporation they use.

In Wabasha County we have 4 interested people in feedlot fixes. Two will hopefully start once they are completed with harvesting their corn. The other two I am waiting for Pete to come down and help due to them being a little trickier.

I helped Kate do a Karst walk down in Fillmore for Bob Beil's Manure pit that will be constructed next year (2015).

I have been at Goodhue office sitting down with Kate to get training for designing pits on her programs and also she has helped me design some irrigation systems. We completed four surveys but only constructed three due to the lack of interest from the one landowner. Kate and I also did a Bark Bed system up in Rice County. I helped with the stake out and also with the construction.

Also I did a milk house waste irrigation system down in Winona County with Amanda and Jason. I was only out on this one for the construction. Hopefully there will be a feedlot fix out in Winona County that will start that had received 2012 CWF grant money. I helped out with the survey and will be involved with the construction of this project.

Also I have helped with a few rotational grazing systems. This project is through the NRCS programs but this gives me the chance to learn new perspectives on different programs that would work on different land systems. Also on the NRCS side I have been working with the Nutrient Management Plans (NMP) that is linked to CAP's for the program. I have been working with Jeff King out of Dodge county with any questions that I have with NMP's. He has been a big help for me to understand what NMP's are and what they all need to be an acceptable nutrient management plan.

I am still waiting to get training in Concrete Field 1 Training. I will be signed up for one in March.