#### **Wisconsin Department of Natural Resources SWIMS Project Summary**

#### **General Project Information**

Project ID: WR11-58000-12A

SHAWANO COUNTY: Hartleben Animal Waste Management Name:

Type: **NPS Grant** 

Targeted Runoff - Rural Construction Subtype:

Status: **COMPLETE** 

Start Date: 1/1/2012 9/1/2014 **End Date:** 

Cost-share installation of barnyard and manure management systems to prevent groundwater contamination from agricultural Purpose:

runoff containing nutrients, bacteria and other pathogenic organisms and to address violations of the NR 151 Agricultural Performance Standards and Prohibitions relating to: manure storage facilities-new/significant alterations, manure storage systems closure, manure storage facilities-existing failing/leaking, process wastewater handling, clean water diversions, nutrient management, prevention of overflow from manure storage facilities, prevention of unconfined manure piles in water

quality management areas, and prevention of direct runoff from a feedlot or stored manure into waters of the state.

Objective:

Grantee is SHAWANO COUNTY Comments:

Outcome:

Study Design:

| QA Measures:   |   |                                    |                   |         |          |             |            |          |        |  |
|--|---|------------------------------------|-------------------|---------|----------|-------------|------------|----------|--------|--|
| People   |   |                                    |                   |         |          |             |            |          |        |  |
| Name   |   | Role                               | Status Start Date |         | End Date | Organizatio | n          | Comments |        |  |
| Project Stat   | tuses   |                                    |                   |         |          |             |            |          |        |  |
| Date   | Reported B  | У                                  | Status Commen     |         |          | nts         |            |          |        |  |
| Actions  |   |                                    |                   |         |          |             |            |          |        |  |
| Action   |   |                                    | Detailed De       | scripti | on       |             | Start Date | End Date | Status |  |
| Runoff Grant - Targeted Runoff Rural  Details: Parameter |   | off Rural                          |                   |         |          | 1/1/2012    | 9/1/2014   | COMPLETE |        |  |
|  |   | Value/Amount Units                 |                   |         | Co       | Comments    |            |          |        |  |
|  | Clean Water WQMA: Numunits for diver              | ber of animal                      |                   |         |          |             |            |          |        |  |
|  | Clean Water WQMA: Num diversions                  | Diversions in<br>ber of farms w    | ith               |         |          |             |            |          |        |  |
|  | Clean Water WQMA: Pollu reduction                 |                                    |                   |         |          |             |            |          |        |  |
| Manure Storage Facilities:<br>Number of animal units     |   |                                    | 570               |         |          |             | AU         | S        |        |  |
|  | Manure Stora<br>Number of an<br>failing facilitie | imal units for                     |                   |         |          |             |            |          |        |  |
|  | Manure Stora<br>Number of clo                     | ige Facilities:<br>osed facilities | 1                 |         |          |             | Fac        | cility   |        |  |

# Wisconsin Department of Natural Resources SWIMS Project Summary

| Assessment Units  WBIC Segment Local Name Official Name  Lab Account Codes  Account Code Description Start Date End Date   | Details:     | Parameter             | •                        |            | Value/Amount                 | Units     | 5           | Comments   |            |          |
|--|--------------|-----------------------|--------------------------|------------|------------------------------|-----------|-------------|------------|------------|----------|
| Number of newlattered facilities  Nutrient Management on Agricultural Land: Acres planned  Prohibition: Direct Runoff from 1 Feedlot/Stored Manure: Number of Facilities  Prohibition: Direct Runoff from 570 AUs  Predefol/Stored Manure: Number of Facilities  Prohibition: Direct Runoff from 453.2 Ibs  Feedlot/Stored Manure: Pollutant load reduction  Prohibition: Direct Runoff from 453.2 Predefol/Stored Manure: Pollutant load reduction  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Unconfired Manure Ple in WOMA: Number of Israms  Prohibition: Unconfired Manure Ple in WOMA: Number of Israms  Prohibition: Unlimited Livestock Access: Feet of bank protected  Livestock Access: Rumber of Israms  Sheet, rill and wind erosion: Acres meeting "T"  Streambank & Shoreline Protection: Unlimited Livestock Israembank & Shoreline Protection: Unlimited Livestock Manure Pollutant load reduction  Streambank & Shoreline Protection: Units  Grant Awarded Grant WR11-58000-12A awarded 1/1/2012 12/31/2013 COMPLET  Monitoring Stations  Station ID Name Comments  Assessment Units  WBIC Segment Local Name Official Name  End Date  End Date  End Date  Facility Section State Start Date Start Date  Find |              | Number of             |                          |            |                              |           |             |            |            |          |
| Agricultural Land: Acres planned prohibition: Direct Runoff from 1 seedlot/Stored Manure: Number of Facilities  Prohibition: Direct Runoff from 570 AUs seedlot/Stored Manure: Number of animal units  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Unconfired Manure: Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Unconfired Manure Prohibition: Unlimited Livestock Access: Feet of bank protected  Prohibition: Unlimited Livestock Access: Number of arms  Sheet, nill and wind erosion: Acres meeting 'T'  Streambank & Shoreline Protection: Outlant load reduction  Streambank & Shoreline Protection: Units  Grant Awarded Grant WR11-58000-12A awarded 1/1/2012 12/31/2013 COMPLETE  Monitoring Stations  Station ID Name Comments  Assessment Units  WBIC Segment Local Name Official Name  End Date  End Dat |              | Number of new/altered |                          |            | 1                            |           |             | Facility   |            |          |
| Feedlot/Stored Manure: Number of Facilities  Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units  Prohibition: Direct Runoff from 453.2 Feedlot/Stored Manure: Pollutant load reduction  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Manure Storage Overflow: Number of farms  Prohibition: Uniformited Livestock Access: Feet of bank protected  Prohibition: Unlimited Livestock Access: Humber of farms  Sheet, rill and wind erosion: Acres meeting "T"  Streambank & Shoreline Protection: Pollutant load reduction  Streambank & Shoreline Protection: Units  Grant WR11-58000-12A awarded  Monitoring Stations  Station ID  Name  Comments  End Date  End Date  End Date  End Date  End Date  Can Date  Can Date  Comments  Can Date  Comments  Can Date  Comments  Comments  Can Date  Comments  Can Date  Comments  Can Date  Comments  Comments  Can Date  Comments  Comments  Can Date  Comments  Comments  Can Date  Comments  Can Date  Ca |              | Agricultural          | anagement<br>I Land: Acr | t on<br>es |                              |           |             |            |            |          |
| FeedlovStored Manure: Number of animal units  Prohibition: Direct Runoff from 453.2   Ibs   FeedlovStored Manure: Pollutant load reduction  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Manure Storage Overflow: Number of farms  Prohibition: Unconfired Manure Pile in WQMA: Number of farms  Prohibition: Unlimited Livestock Access: Feet of bank protection Livestock Access: Number of farms  Sheet, rill and wind erosion: Acres meeting "I" Streambank & Shoreline Protection: Pollutant load reduction  Streambank & Shoreline Protection: Units  Grant Awarded  Manue  Comments  Assessment Units  Segment Loal Name  Description  Start Date  Description  Start Date  End Dat |              | Feedlot/Sto           | ored Manu                |            | n 1                          |           |             | Facility   |            |          |
| Feedlot/Stored Manure: Pollutant load reduction  Prohibition: Manure Storage Overflow: Number of animal units  Prohibition: Manure Storage Overflow: Number of farms  Prohibition: Unconfired Manure Pile in WQMA: Number of farms  Prohibition: Unlimited Livestock Access: Feet of bank protected Prohibition: Unlimited Livestock Access: Number of farms  Sheet, rill and wind erosion: Acres meeting "T"  Streambank &Shoreline Protection: Pollutant load reduction  Streambank &Shoreline Protection: Unlits  Grant Awarded  Grant WR11-58000-12A awarded  1/1/2012 12/31/2013 COMPLETE  Monitoring Stations  Station ID  Name  Comments  Assessment Units  WBIC  Segment  Local Name  Posteribus Value  Protection: Start Date  Protection: Start Date  Protection: Start Date  Reduction  Comments  Start Date  End Date  |              | Feedlot/Sto           | ored Manu                | re:        | n 570                        |           |             | AUs        |            |          |
| Overflow: Number of animal units  Prohibition: Manure Storage Overflow: Number of farms  Prohibition: Unconfired Manure Pile in WCMA: Number of farms  Prohibition: Unlimited Livestock Access: Feet of bank protected  Prohibition: Unlimited Livestock Access: Number of farms  Sheet, rill and wind erosion: Acres meeting "T"  Streambank & Shoreline Protection: Pollutant load reduction:  Streambank & Shoreline Protection: Units  Grant Awarded  Grant Awarded  Monitoring Stations  Station ID  Name  Comments  Assessment Units  WBIC  Segment  Local Name  Description:  Start Date  End Date  |              | Feedlot/Sto           | ored Manu                | re:        | n 453.2                      | 453.2 lbs |             |            |            |          |
| Overflow: Number of farms Prohibition: Unconfired Manure Pile in WQMA: Number of farms  Prohibition: Unlimited Livestock Access: Feet of bank protected  Prohibition: Unlimited Livestock Access: Number of farms  Sheet, rill and wind erosion: Acres meeting "T"  Streambank &Shoreline Protection: Pollutant load reduction Streambank &Shoreline Protection: Units  Grant Awarded  Grant WR11-58000-12A awarded  1/1/2012  12/31/2013  COMPLETE  Monitoring Stations  Station ID  Name  Comments  Assessment Units  WBIC  Segment Local Name  Official Name  End Date  |              | Overflow: Nunits      | Number of                | animal     |                              |           |             |            |            |          |
| Pile in WQMA: Number of farms  Prohibition: Unlimited Livestock Access: Feet of bank protected Prohibition: Unlimited Livestock Access: Number of farms  Sheet, rill and wind erosion: Acres meeting "T"  Streambank &Shoreline Protection: Pollutant load reduction  Streambank &Shoreline Protection: Units  Grant Awarded  Grant WR11-58000-12A awarded  1/1/2012  12/31/2013  COMPLETE  Monitoring Stations  Station ID  Name  Comments  Assessment Units  WBIC  Segment  Local Name  Official Name  End Date  |              |                       |                          |            |                              |           |             |            |            |          |
| Livestock Access: Feet of bank protected  Prohibition: Unlimited Livestock Access: Number of farms  Sheet, rill and wind erosion: Acres meeting "T"  Streambank &Shoreline Protection: Pollutant load reduction  Streambank &Shoreline Protection: Units  Grant Awarded  Grant WR11-58000-12A awarded  I/1/2012  I2/31/2013  COMPLETE  Monitoring Stations  Station ID  Name  Comments  Assessment Units  WBIC  Segment  Local Name  Official Name  End Date  End Date   |              | Pile in WQI           |                          |            | re                           |           |             |            |            |          |
| Livestock Access: Number of farms  Sheet, rill and wind erosion:   |              | Livestock A           |                          |            | nk                           |           |             |            |            |          |
| Account Code Account Codes  Streambank & Shoreline Protection: Pollutant load reduction: Pollutant load reduction: Pollutant load reduction: Streambank & Shoreline Protection: Units  Grant Awarded Grant WR11-58000-12A awarded 1/1/2012 12/31/2013 COMPLETE  Monitoring Stations  Station ID Name Comments  Assessment Units  WBIC Segment Local Name Official Name  Lab Account Codes  Account Code Description Find Date  |              | Livestock A           |                          |            |                              |           |             |            |            |          |
| Protection: Pollutant load reduction  Streambank &Shoreline Protection: Units  Grant Awarded Grant WR11-58000-12A awarded 1/1/2012 12/31/2013 COMPLETE  Monitoring Stations  Station ID Name Comments  Assessment Units  WBIC Segment Local Name Official Name  Lab Account Codes  Account Code Description  Frotection: Pollutant load reduction with the protection of the protect |              |                       |                          | rosion:    |                              |           |             |            |            |          |
| Protection: Units  Grant Awarded Grant WR11-58000-12A awarded 1/1/2012 12/31/2013 COMPLETE  Monitoring Stations  Station ID Name Comments  Assessment Units  WBIC Segment Local Name Official Name  Lab Account Codes  Account Code Description Start Date End Date  |              | Protection:           |                          |            |                              |           |             |            |            |          |
| Grant Awarded Grant WR11-58000-12A awarded 1/1/2012 12/31/2013 COMPLETE  Monitoring Stations Station ID Name Comments  Assessment Units WBIC Segment Local Name Official Name  Lab Account Codes Account Code Description Start Date End Date  |              |                       |                          | ne         |                              |           |             |            |            |          |
| Station ID Name Comments  Assessment Units  WBIC Segment Local Name Official Name  Lab Account Codes  Account Code Description Start Date End Date   | Grant Awarde |                       |                          | G          | Grant WR11-58000-12A awarded |           | 1/1/2012    | 12/31/2013 | COMPLETE   | Ē.       |
| Assessment Units  WBIC Segment Local Name Official Name  Lab Account Codes  Account Code Description Start Date End Date   | Monitoring 9 | Stations              |                          |            |                              |           |             |            |            |          |
| WBIC Segment Local Name Official Name  Lab Account Codes  Account Code Description Start Date End Date   | Station ID   | N                     | lame                     |            |                              | Comments  |             |            |            |          |
| Lab Account Codes  Account Code Description Start Date End Date  | Assessmen    | t Units               |                          |            |                              |           |             |            |            |          |
| Account Code Description Start Date End Date   | WBIC         | Seg                   | gment                    | Local N    | lame                         |           | Official Na | nme        |            |          |
|  | Lab Accoun   | t Codes               |                          |            |                              |           |             |            |            |          |
| Forms  | Account Code | •                     | Descripti                | on         |                              |           |             |            | Start Date | End Date |
|  | Forms        |                       |                          |            |                              |           |             |            |            |          |

# Wisconsin Department of Natural Resources SWIMS Project Summary

| Form Code   | Form Name          |
|-------------|--------------------|
| Methods     |                    |
| Method Code | Method Description |

| Fieldwork Events |        |          |            |              |  |  |  |  |  |
|------------------|--------|----------|------------|--------------|--|--|--|--|--|
| Start Date       | Status | Field ID | Station ID | Station Name |  |  |  |  |  |

| Documents  |             |             |           |          |  |  |  |  |
|--|-------------|-------------|-----------|----------|--|--|--|--|
| Title  | Description | Author      | Published | Comments |  |  |  |  |
| Hartleben Animal Waste<br>Management - Final Report<br>& Notice Letter |             | Scott Frank |           |          |  |  |  |  |

### **Budget**

Combined Budgets: Combined WSLH:

Combined Total: \$0.00

| Funding      |        |      |        |            |          |
|--------------|--------|------|--------|------------|----------|
| Organization | Source | Туре | Amount | Start Date | End Date |