

Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

NOTICE: This Final Report is authorized under ss. 281.65 and 281.66., Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

INSTRUCTIONS: Your grant agreement requires you to submit a Final Report with your final reimbursement request. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR as described in the instructions.

1. GRANT TYPE. Check the one that applies.

| | |
|--|---|
| <input type="checkbox"/> Targeted Runoff Management Grant – Agricultural | <input type="checkbox"/> Targeted Runoff Management Grant – Urban |
| <input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Construction | <input checked="" type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Planning |
| <input type="checkbox"/> Notice of Discharge Grant | |

2. PROJECT NAME & LOCATION.

| | |
|--|--|
| 2.1. Project Name: Storm Water Project Selections | 2.2. Grant Number: USP-UR09-67265-13A |
| 2.3. Governmental Unit Name: Oconomowoc, City | 2.4. Primary Watershed Name: Oconomowoc River |
| | 2.5. Watershed Code: UR09 |

NOTE FOR SECTION 2.6 (which follows):
 Section 2.6. includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.

| 2.6 Site Location(s) → | A. | B. | C. | D. | E. |
|---|------------------------------|----|----|----|----|
| Name of Cost-Share Recipient or Governmental Unit | Oconomowoc, City | | | | |
| Cost-Share Agreement Number (Agricultural only) | | | | | |
| 12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed | 070900010504 | | | | |
| Nearest Surface Receiving Water Affected | | | | | |
| Name: | Oconomowoc River | | | | |
| Waterbody Identification Code(s) (WBIC): | 848200 | | | | |
| Nearest Impaired Water Affected | | | | | |
| Name: | Rock River | | | | |
| Waterbody Identification Code(s) (WBIC): | 788800 | | | | |
| Pollutants Reduced | TSS & Phosphorus | | | | |
| Impairments/Impacts Addressed | Urban Nonpoint Source Runoff | | | | |

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| Project Location(s) (cont.) → | A. | B. | C. | D. | E. |
|---|----------|----------|----------|----|----|
| Project Coordinates: | | | | | |
| Town | 7 | 7 | 7 | | |
| Range | 17 E | 17 E | 17 E | | |
| Section | 4 | 4 | 4 | | |
| Quarter | | | | | |
| Quarter-Quarter | | | | | |
| Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV)) | 43.0943 | 43.1021 | 43.1051 | | |
| Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV) | -88.4852 | -88.4943 | -88.4867 | | |

3. SUMMARY OF RESULTS.

Table A. Agricultural Projects - Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities

| A.1. Management Measures | Units of Measure | Quantity | Measurement Method Used |
|--|---------------------------------|--------------|-------------------------|
| Sheet, rill and wind erosion | Acres meeting "T" | acres | |
| Manure Storage Facilities: New Construction/Alterations | Number of facilities | facilities | |
| | Number of animal units | animal units | |
| Manure Storage Facilities: Closure | Number of facilities | facilities | |
| Manure Storage Facilities: Failing/Leaking Facilities | Number of facilities | facilities | |
| | Number of animal units | animal units | |
| Clean Water Diversions in WQMA | Pollutant load reduction | lbs. | |
| | Number of farms with diversions | farms | |
| | Number animal units | animal units | |
| Nutrient Management on Agricultural Land | Acres planned | acres | |
| Prohibition: Manure Storage Overflow | Number of farms | farms | |
| | Number of animal units | animal units | |
| Prohibition: Unconfined Manure Pile in WQMA | Number of farms | farms | |
| Prohibition: Direct Runoff From Feedlot/Stored Manure | Pollutant load reduction | lbs. | |
| | Number of facilities | facilities | |
| | Number of animal units | animal units | |
| Prohibition: Unlimited Livestock Access | Feet of bank protected | feet | |
| | Number of farms | farms | |

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| Table A. Agricultural Projects (continued) | | | |
|--|---|----------|-------------------------|
| A.2. Other Management Measures | | | |
| | Units of Measure | Quantity | Measurement Method Used |
| Streambank & Shoreline Protection | Units (use feet, acres or number as applicable) | | |
| | Pollutant load reduction (if method available) | | |
| Other: | Units (use feet, acres or number as applicable) | | |
| | Pollutant load reduction (if method available) | | |
| Other: | Units (use feet, acres or number as applicable) | | |
| | Pollutant load reduction (if method available) | | |
| Other: | Units (use feet, acres or number as applicable) | | |
| | Pollutant load reduction (if method available) | | |

| Table B. Urban Construction Projects Serving Developed Areas | | | |
|--|---|--|-------------------------|
| B.1. Required Management Measures | | | |
| | Units of Measure | Quantity | Measurement Method Used |
| 20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities | TSS reduced | lbs. | |
| | TSS reduction | % | |
| B.2. Other Management Measures | | | |
| 20-40% Reduction in TSS for non-NR 216 communities | TSS reduced | lbs. | |
| | TSS reduction | % | |
| Infiltration | Pre-development stay-on volume | % | |
| | Stay-on volume | ft ³ /year | |
| Peak flow discharge for 2 year/24 hour design storm | Change in cubic feet per second for design year | ft ³ /sec | |
| Protective areas | Bank protected | feet | |
| Fueling & maintenance areas | Oily sheen presence reduced | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Streambank & Shoreline Protection | Bank erosion reduced | tons | |
| | Bank protected | feet | |
| Other: | Pollutant load reduction (if method available) | | |
| | Units (use feet, acres or number as applicable) | | |

| Table C. Urban Planning Projects | | | |
|--|--------------------------------|-----------------|-------------|
| C.1. Governmental unit(s) involved (list by name): | | | |
| Oconomowoc, City | | | |
| C.2. Estimate total acres covered by the | | | |
| | Existing Developed Urban Areas | New Development | Total Acres |

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| | | | |
|-------------------|--------------|---------|-----------|
| planning product: | 500 acres | 0 acres | 500 acres |
|-------------------|--------------|---------|-----------|

| | |
|--|---|
| C.3. Products developed (check all below that apply) | Identify Documents by Name (if applicable) |
| <input checked="" type="checkbox"/> Storm Water Plan | Storm Water Project Selections |
| <input type="checkbox"/> Construction or Erosion Ordinances | |
| <input type="checkbox"/> Post-construction Storm Water Ordinances | |
| <input type="checkbox"/> Other Types of Storm Water Quality Ordinances | |
| <input type="checkbox"/> Financing Methods: identified and evaluated | |
| <input type="checkbox"/> Financing Methods: developed or implemented | |
| <input type="checkbox"/> I & E Plan | |
| <input type="checkbox"/> I & E Implementation Activities | |
| <input type="checkbox"/> Other: | |
| C.4. Identify the Storm Water goals addressed (check all that apply) | |
| <input checked="" type="checkbox"/> Reduce TSS | Comments: Developed a detailed plan to improve water quality in 3 separate sections of the city through traditional storm water practices and green infrastructure practices such as bioswales with narrow street cross sections, porous pavement, rain garden and rain barrel programs, etc. |
| <input checked="" type="checkbox"/> Maintain infiltration | |
| <input checked="" type="checkbox"/> Control Peak Flow | |
| <input type="checkbox"/> Protective Areas | |
| <input type="checkbox"/> Control of Fueling & Maintenance Areas | |
| <input checked="" type="checkbox"/> Remove Illicit Discharges | |
| <input type="checkbox"/> Other: | |

4. Satisfaction of Notice Requirements. If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 243, provide information for each notice in the table below.

| Notice Information | | | | Notice Satisfaction Information | | |
|-----------------------------------|------------|-------------|-----------|---------------------------------|--------------------------|------------------|
| Chs. NR 151 or 243 Notice Type | Issue Date | From (Name) | To (Name) | Satisfied? | | Date Letter Sent |
| | | | | Yes | No | |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | |
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | |

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5. Additional Information. (Space will expand to fit your text.)

The 3 areas included in this study drain to Fowler Lake, the Oconomowoc River, and a tributary and wetlands adjacent to the Oconomowoc River. These waterways all drain to the Rock River, an impaired waterway with a approved TMDL (Septebmer, 2011). Cumulatively, installation of the projects recommended in this planning document will improve the quality of the water in the Oconomowoc River, and ultimately in the Rock River.

Many of the measures in this plan are recommended to be installed in conjunction with future road reconstruction projects, to reduce the cost involved with the implementation of the water quality features as compared with building these features as stand-alone projects.

6. Summary of Project Challenges. (Space will expand to fit your text.)

Each of the three areas in this planning document were developed decades ago before storm water quality controls were considered. Limited space is available for new storm water features. Reconstruction and community engagement will need to be priorities to improve water quality in these areas.

7. Grantee Certification.

Checking here certifies that, to the best of your knowledge, the information contained in this report is correct.

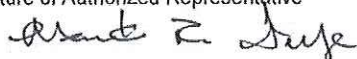
Name of Authorized Representative (type or print) ↓

Mark R. Frye

Title of Authorized Representative (type or print) ↓

Director of Public Works

Signature of Authorized Representative



Date

01/29/2016

8. For Departmental Use Only.

Regional NPS Coordinator – Please complete the following:

8.A. Check here if you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report.

Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

8.B. Comments about this project:

8.C. Type or print Name of Regional NPS Coordinator →

8.D. Signature of Regional NPS Coordinator

8.E. Date