

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

**2. PROJECT NAME & LOCATION**

|  |   |                              |
|--|---|------------------------------|
| 2.1. Project Name:<br>30 <sup>th</sup> Street Industrial Corridor                  | 2.2. Grant Number:<br>USP-MI02-40251-08               |                              |
| 2.3. Governmental Unit Name:<br>City of Milwaukee - Department of City Development | 2.4. Primary Watershed Name:<br>Milwaukee River South | 2.5. Watershed Code:<br>MI02 |

**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               | Milwaukee, City   |   |   |   |   |
| Cost-Share Agreement Number (Agricultural only)                 |                   |   |   |   |   |
| 12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed | 040400030605      |   |   |   |   |
| Nearest Surface Receiving Water Affected                        |                   |   |   |   |   |
| Name:   | Lincoln Creek     |   |   |   |   |
| Waterbody Identification Code(s) (WBIC):                        | 19400             |   |   |   |   |
| Nearest Impaired Water Affected                                 |                   |   |   |   |   |
| Name:   | Lincoln Creek     |   |   |   |   |
| Waterbody Identification Code(s) (WBIC):                        | 19400             |   |   |   |   |
| Pollutants Reduced  | NA-planning grant |   |   |   |   |
| Impairments/Impacts Addressed                                   | NA-planning grant |   |   |   |   |

Wisconsin Department of Natural Resources  
 Bureau of Watershed Management (WT/3)  
 101 S. Webster St.  
 Madison, WI 53703  
 PO Box 7921  
 Madison, WI 53707-7921

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| Project Location(s) (cont.) ->  | A         | B | C | D | E |
|---|-----------|---|---|---|---|
| Project Coordinates   |           |   |   |   |   |
| Town  | 07N       |   |   |   |   |
| Range   | 21E       |   |   |   |   |
| Section   | 1, 12     |   |   |   |   |
| Quarter   |           |   |   |   |   |
| Quarter-Quarter   |           |   |   |   |   |
| Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV)) | 43, 5, 43 |   |   |   |   |
| Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)                               | 87, 57, 6 |   |   |   |   |

**3. SUMMARY OF RESULTS**

**Table A. Agricultural Projects - Ch. NR 161 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:<br>New Construction/Alterations | Number of facilities            | facilities   |                         |
|  | Number of animal units          | animal units |                         |
| Manure Storage Facilities: Closure                         | Number of facilities            | facilities   |                         |
| Manure Storage Facilities:<br>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 <sup>3</sup> /year                                    |                         |
| Peak flow discharge for 2 year/24 hour design storm                  | Change in cubic feet per second for design year | ft <sup>3</sup> /sec                                     |                         |
| Protective areas   | Bank protected                                  | feet   |                         |
| Fueling & maintenance areas  | Oil 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):<br><br>City of Milwaukee - Department of City Development and Department of Public Works |                                |                 |             |
| C.2. Estimate total acres covered by the  |                                |                 |             |
|   | Existing Developed Urban Areas | New Development | Total Acres |

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|                   |           |         |           |
|-------------------|-----------|---------|-----------|
| planning product: | 540 acres | 0 acres | 540 acres |
|-------------------|-----------|---------|-----------|

|   |  |
|---|--|
| <b>C.3. Products developed</b><br>(check all below that apply)                                | Identify Documents by Name (If applicable)   |
| <input type="checkbox"/> Storm Water Plan   |  |
| <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 checked="" type="checkbox"/> Other: <b>Summary Report &amp; Informational Brochure</b> | <b>"Developing a Regional Approach to Storm Water Management in the 30<sup>th</sup> Street Industrial Corridor": Summary Report &amp; Informational Brochure</b>   |
| <b>C.4. Identify the Storm Water goals addressed</b> (check all that apply)                   |  |
| <input checked="" type="checkbox"/> Reduce TSS  | <b>Comments:</b><br><br>This was a planning grant, thereby, we did not directly improve water quality, however the projects identified and conceptually designed would help to improve water quality in Lincoln Creek. |
| <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 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.)

With this project, we hoped to create excitement and energy about the intersection of stormwater best management practices and economic development in the 30<sup>th</sup> Street Industrial Corridor. Through the interactions of our Advisory Committee and consultant team, we were able to not only complete a summary report and informational brochure documenting the in-depth study of the separated sewer area of the Corridor, we were also able to exchange ideas, make contacts, and create excitement about the implementation of many of these projects in the future. The next steps include presenting the final report to Corridor businesses as well as Department of Public Works and Department of Administration staff to discuss feasibility of implementation of the recommendations.

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

I believe that the primary challenge of our project is implementation, which is yet to come. The conceptual cost estimates for our project sites came in quite high, and although they are conservative, they do raise concern among those considering implementing projects. In order to truly incentivize the implementation of these projects, I think we need to continue working with DPW on the stormwater utility fee system and a potential credit program for those landowners willing to go above and beyond the minimum permit standards with their stormwater construction projects.

**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) ↓

Rocky Marcoux

Title of Authorized Representative (type or print) ↓

Commissioner, Department of City Development

Signature of Authorized Representative

*Rocky Marcoux*

Date

8/6/10

**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 →

*Susan Eichelkraut*

8.D. Signature of Regional NPS Coordinator

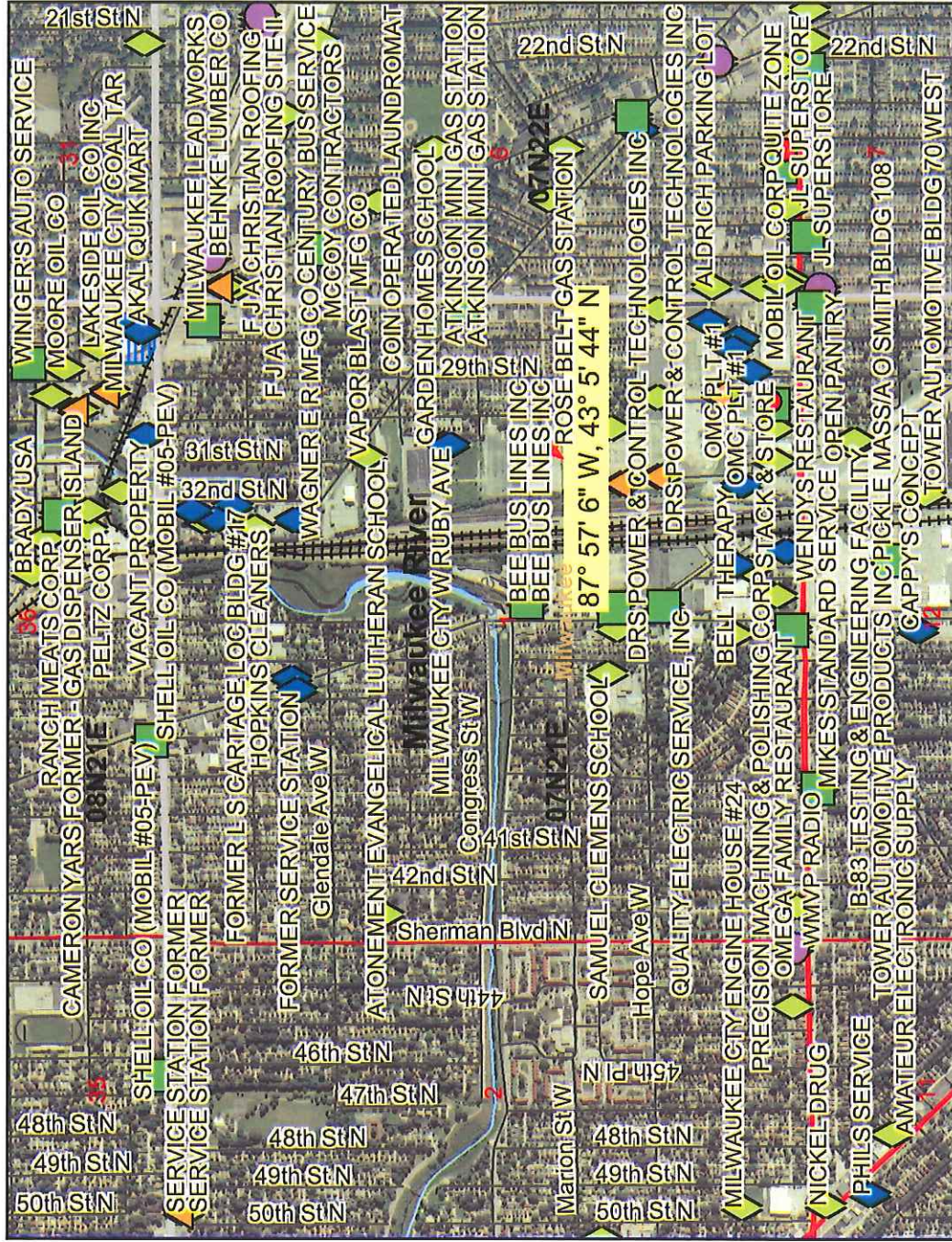
*Susan Eichelkraut*

8.E. Date

9.23.10



# Milwaukee-Cty-30th St STWMP-Aug 26, 2010



Map created on Aug 26, 2010  
 Note: Not all RR Sites have been geo-located yet.



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



## Legend

- Contamination came from another property
- ▲ Soil contamination only
- ▲ Groundwater and Soil contamination
- ▲ Groundwater contamination only
- ▲ Open Sites (ongoing cleanups)
- ▲ Open Sites (ongoing cleanups) - site boundaries shown
- ▲ Closed Sites (completed cleanups)
- ▲ Closed Sites (completed cleanups) - site boundaries shown
- County Boundary
- PLSS Townships
- PLSS Sections
- Railroads
- County Roads (WDOT)
- County Trunk Highway
- State and U.S. Highways (WDOT)
- State Trunk Highway
- US Highway
- Interstate Highways (WDOT)
- Interstate Highway
- Local Roads (WDOT)
- DNR Water Mgmt Units



Scale: 1:16,956



# Cty Milwaukee STWMP in 30th St. Corridor-Aug 26, 2010



## Legend

- Railroads
- Major Highways
- Interstate
- State Highway
- U.S. Highways
- County Roads
- Local Roads
- NR104 Lines
- Outstanding and Exceptional Streams
- Exceptional Outstanding
- Local QA In Progress
- Local Data Source Conflict
- Outstanding and Exceptional Lakes
- Exceptional Outstanding
- Local QA In Progress
- Local Data Source Conflict
- PRF Other River Public Rights Features
- PRF Sensitive Rivers
- PRF Other Public Rights Features
- PRF Sensitive Areas of Lakes
- ASNRI Outstanding and Exceptional Streams
- ORW
- ORW
- EPW

Scale: 1:16,843

4800 ft.

3200

1600

0

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