

Please complete and submit to your project manager.Reporting Period: January 1 through June 30 (Due August 1)
 July 1 through December 31 (Due February 1)

All information is required by the U.S. Environmental Protection Agency (EPA) and the Minnesota Pollution Control Agency (MPCA). Do not leave blanks (unless otherwise noted). This report form can be typed using your computer. Use the "tab" key to move through the fields of this form. Enter responses using text and check boxes as indicated. Keep a copy for your records.

I. General report information

1. Project title: Greater Blue Earth River Basin Drainage Partnership
2. Project sponsor (Grantee): Greater Blue Earth River Basin Alliance
3. Contact name: Kay Gross
4. E-mail address: kay.clark@windomnet.com
5. Funding: 319 CWP CWP Loan Clean Water Fund Other: _____
6. Contract number: 92819
7. MPCA Project Manager: Paul Davis
8. Effective date (mm/dd/yyyy): 1/25/2016 Expiration date (mm/dd/yyyy): 8/31/2019

II. Semi-annual report information**1. Project activities completed during last six (6) months according to the program objectives or tasks (please be specific):**

Objective 1: March GBERBA Policy Board/Technical Committee Meeting focused on Drainage Issues - guest speakers were Al Kean, BWSR and David Minge, MN Center for Environmental Advocacy - TOPIC - Agricultural Drainage Perspectives. Drainage Panel Discussion - Panelists included Craig Austinson, Blue Earth County Ditch Manager; Chuck Brandel, Principal Senior Engineer ISG; Tom Warmka, Blue Earth County Commissioner; Al Kean, Chief Engineer Manager BWSR; and Pat Duncanson, Landowner/Farmer. Wonderful attendance by Drainage Authority Staff, County Commissioners and SWCD Supervisors and Staff..

Objective 2: During this program period, 1 grassed waterway contract was encumbered for \$16,750.00. This waterway project is in Freeborn County and ends with a grade stabilization structure into a private ditch. The project is designed but not constructed. Project 319-CDP-16-22-02 was completed and we are requesting a grant payment of \$7,004.98. This project is also funded out of the CWP grant for \$22,164.02 with the same amount used as match in this grant.

Objective 3: One important aspect of this project was to develop a standardized design for alternative side inlet structures that can be implemented in a wide variety of areas and situations. GBERBA contracted with a local engineering firm that specializes in agricultural drainage practices. A worksheet was developed that can be used at the local level by local drainage staff to properly design and size alternative side-inlets. Multiple trainings have been conducted to show off the new tool and a more widespread release of the tool will be coming in 2018. Engineering services on the encumbered and completed projects has also been completed by Drainage engineers.

Objective 4: Funds were encumbered to implement side inlet control structures on Joint County Ditch 414 in Martin and Faribault Counties. However, because the contractor that was completing the repairs on JCD414 was also completing the BMPs, we were able to complete more BMPs for less the cost. Ultimately, the entire cost of the BMPs on JCD414 were able to be cost-shared by other GBERBA grant sources. GBERBA did encumber funds for alternative side inlets on County Ditch 41 in southern Faribault County. A total of 29 Alternative Side Inlets were installed on CD 41 in the Spring 2018.

Objective 5: The GBERBA Coordinators report on the status of its grants to the GBERBA Technical Committee and Policy Board on a monthly basis. Completed projects are reported in elink and semi-annual reporting is completed on time.

2. List all products (documents, pamphlets, videos, maps, etc.) produced in this reporting period:

Booklet - Conservation & Drainage Projects - Working Together - Solving Problems. This booklet highlights successful stories around the Greater Blue Earth River Basin of Soil and Water Conservatoin Districts working together with Drainage Staff to complete conservation practices on priority drainage systems.

3. Challenges faced (optional):

A wet spring has made it difficult to complete projects, but many BMPs were installed in a very short window of good weather. Local Drainage Department staff capacity has also limited the number of projects that are able to be coordinated at one time.

4. Summary of monitoring data collected (if applicable):

N/A

4a. Have all monitoring stations been established in EQUIS? Yes No N/A

4b. Are the data being routinely submitted for storage into EQUIS? Yes No NA

If yes, last submittal date (mm/dd/yyyy): _____

5. Are the Best Management Practices data being annually entered into eLINK)? Yes No N/A

If yes, date last entered (mm/dd/yyyy): 7/20/2018

6. Describe specific (quantifiable, if possible) results achieved during this period:

The pollution reduction estimates for the County Ditch 41 project are listed below. A total of 29 alternative side inlet control structures were installed on CD 41 in Elmore Township of Faribault County.

Phosphorus Load Reduction: 123.3 lbs./year

Nitrogen Load Reduction: _____ lbs./year

Sediment Load Reduction: 214,600 lbs./year

7. Did the MPCA execute a change order or amendment for this project during this reporting period? No Yes

If yes, summarize those changes:

8 List anticipated program objectives or tasks to be completed during the next six (6) months please be specific):

Objective 1: Partnerships between local drainage departments and SWCDs will continue to develop. GBERBA will be providing copies of the Conservation Drainage Booklet to Counties with extensive drainage systems in an attempt to encourage partnerships between drainage departments and SWCDs more regionally.

Objective 2: County Drainage Departments will continue to work with SWCDs to identify potential project locations.

Objective 3: As projects are identified and encumbered, engineering services will be provided by drainage engineers.

Objective 4: Alternative side inlet grade control structures will be installed along drainage ditches. SWCDs will work with local drainage staff to develop and coordinate construction.

Objective 5: GBERBA coordinators will manage administrative demands for the grant and continue to update the GBERBA Policy Board and Technical Committee of progress on the grant.

III. Expenditure information for this period

Provide a copy of your workplan budget showing cumulative expenditures and budget balances by workplan objective and task. Also, fill out the summary below.

Expenditure report attached

Complete the table below:	Amount
Total grant amount	145,600.00
Total match amount (if applicable)	129,600.00
Total project amount	275,200.00
Grant expenditures this period	21,280.23

Match expenditures this period (if applicable)	90,306.31
Cumulative grant expenditures to date	34,896.30
Cumulative match expenditures to date (if applicable)	205,482.64
Total cumulative expenditures to date	240,378.94
Date form completed (mm/dd/yyyy): <u>7/20/2018</u>	