



319/Clean Water Partnership/ Total Maximum Daily Loads Semi-Annual Report for Reporting Year 2011

Reporting Period: January 1 through June 30, 2011 (Due August 1, 2011)
 July 1 through December 31, 2011 (Due February 1, 2012)

All information is required by U.S. Environmental Protection Agency (EPA). Do not leave blanks. 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: | Clean Water Legacy-Cottonwood/Redwood River Project | |
| 2. | Project Sponsor: | Redwood-Cottonwood Rivers Control Area (RCRCA) | |
| 3. | Project Representative: | Douglas A. Goodrich, Director, RCRCA | |
| 4. | Email Address: | Douglas.goodrich@mn.nacdn.net | |
| 5. | Loan Sponsor (if applicable): | n/a | |
| 6. | Contract Number: | CFMS#B20788 – PRJ#06148 | Loan Number: n/a |
| 7. | MPCA Project Manager: | Mark Hanson | |
| 8. | Contract Start Date: | February 1, 2008 | Contract End Date: August 31, 2012 |
| 9. | Best Management Practice (BMP) Name (Refer to BMP List): | (319- Subsurface Drain, Nutrient Management), (BWSR Match- Grassed Waterway, Terrace, Water and Sediment Control Basin, Dam-Multi Purpose, Grade Stabilization Structure) | |
| 10. | 319/Clean Water Partnership (CWP) only - Nonpoint Source (NPS) Category (Refer to NPS Definition of Categories): | | |
| | | Primary | Secondary |
| | Category | Agriculture, Animal Feeding Operations, Urban Runoff, Hydromodification, Historical Pollutants | Non-Irrigated Crop Production, Pasture Grazing, Municipal and Residential Runoff, Channel Erosion/Incision |
| | | | Others |
| | | | Resource Extraction |
| 11. | 319/CWP only - NPS Functional Category (Refer to NPS Definition of Categories): | | |
| | | Primary | Secondary |
| | Category | BMP Design/Implementation, Water Quality Monitoring | BMP Performance Assessment, Water Quality Trend Assessment, BMP Effectiveness Monitoring |
| | | | Others |
| | | | Nonpoint Source Program Coordination, Watershed Modeling/Planning |
| 12. | Waterbody type (refer to NPS Waterbody Type): | Rivers | |
| 13. | Hydrologic unit code (8 digits): | 7020006, 7020007, 7020008 | Latitude-longitude: Lat. 44°17'29" Long. 99°26'24" |
| 14. | 319/ CWP only: Type of pollutant(s) addressed (refer to NPS Pollutants): | Nutrients, Pathogens, and Sedimentation | |
| 15. | Ecoregion (refer to NPS Ecoregion): | Western Corn Belt Plains | |
| 16. | Basin name (check all that apply): | <input type="checkbox"/> Lake Superior | |

- Lower Mississippi/Cedar
- Upper Mississippi
- Minnesota
- Rainy
- Red River
- Des Moines
- Missouri
- St. Croix

II. Project Description

1. Project Description Summary (taken from work plan summary) – Include at least two paragraphs that briefly summarize the project scope, the processes and the events that occurred **before** this reporting period.

The watersheds of the Redwood River, Cottonwood River and the first order streams in Redwood county above and between the two major basins encompasses approximately 2,269.23 square miles and include portions of 4 of the thirteen major watersheds in the Minnesota River Basin. The major tributaries of the Redwood and Cottonwood Rivers originate on the Coteau des Prairies, flowing eastward approximately 152 miles to the Minnesota River with a drop in elevation of about 750 feet. This topography results in periodic spring and summer flooding in the central portion of the watershed. At times, damages are severe. A related implication is rapid transport of sediment and attached nutrients from inadequately treated cropland during spring snowmelt and spring and summer rainfall events.

The purpose of the Implementation phase of this project is to facilitate watershed land-use changes that will lead to reductions necessary to meet both main stem and tributary goals. The 1992 (Redwood River and the 1999 (Cottonwood River) MPCA approved diagnostic studies and implementation plans defined characteristics of specific pollutants, the processes affecting their transport, and appropriate measures to reduce their delivery to both rivers. Priority management areas were selected based on relative contributions to the total sediment and nutrient load in the Rivers. These locally developed Implementation Plans were created to direct restoration activities in the watersheds until individual TMDL(s) are created and approved.

The project is administered by the Redwood-Cottonwood Rivers Control Area (RCRCA). RCRCA, established in 1983, is a Joint Powers Organization of eight counties and their Soil and Water Conservation Districts. (For additional information, go to www.rcrca.com) RCRCA has a proven history backed with an extensive database, a long-term monitoring program, and an organizational structure that remains supportive and flexible to ensure that projects such as the Redwood River Clean Water Project and the Cottonwood River Restoration Project are successful. This success can be viewed in the 2001 Final Report, "Evolution of Watershed Restoration", which can be found at www.rcrca.com.

Annual FLUX estimates from the Redwood River sampling site above Lake Redwood showed a total phosphorus delivery of 144.9 tons annually to the Minnesota River. This is equal to .23 tons per square mile loss of phosphorus included with 112.68 tons per square mile loss of sediment. This is directly related to the turbidity impairment and contributes to the Minnesota River phosphorus loading (See <http://www.pca.state.mn.us/water/tmdl.html>).

Annual FLUX estimates from the Cottonwood River sampling site at New Ulm showed an average total phosphorus delivery of 249.91 tons annually to the Minnesota River. This is equal to .19 tons per square mile loss of phosphorus included with 163.60 tons per square mile loss of sediment. This is directly related to the turbidity impairment and contributes to the Minnesota River phosphorus loading (See <http://www.pca.state.mn.us/water/tmdl.html>).

Recreational opportunities in the project area are limited by degraded water quality, channel obstructions, limited access, and a general lack of awareness by watershed residents. Potentially, the project area can be a major recreational resource.

Long term monitoring efforts from 1990 to present have identified TMDL impairments and the current/pending (2006) listings show that the work is not finished. With the TMDL plan approved on the lower Minnesota River for phosphorus reduction, it is important to continue the implementation of best management practices that will reduce the total phosphorus contribution from the project area and work to de-list the lower Minnesota River Dissolved Oxygen TMDL impairment.

Nearly all wetlands have been drained by a highly efficient and interconnected artificial drainage system. This drainage system has allowed agriculture, the primary land use, to flourish. Corn and soybeans are the main crops grown in the watershed.

The study's primary research tool was a water quality monitoring program used to gather data at 4 main stem locations and 10 tributary sites. Stream bank erosion assessments were made at several locations along the lower reach of the Redwood and Cottonwood Rivers. Fishery surveys were used to assess populations and species diversity. Land use and physical characteristics of the watersheds were analyzed through application of Geographic Information System (GIS) data layers.

| | |
|--|--|
| | <p><i>These evaluations were supplemented in the Cottonwood River by field observations using the tailored integrated stream and watershed assessment (TISWA) methodology.</i></p> <p><i>The Redwood and Cottonwood River Phase I Diagnostic Studies and their Implementation Plans are on file at MPCA. Please refer to them and the Quality Assurance Project Plans (QAPP's) which are also on file for further information.</i></p> |
| 2. | <p>Specific Project Goals – Include numeric, quantifiable goals for environmental improvement, the number of Best Management Practices to be installed, pollutant reductions as well as programmatic and social goals.</p> <p><i>The goal of this project is to continue best management implementation according to the Phase I Implementation Plans and implement phosphorus reducing conservation practices that will help achieve the Lower Minnesota River dissolved oxygen TMDL. This work plan is projected to reduce phosphorus reaching the Minnesota River by 2 tons annually or 1,601,200, pounds of aquatic plant growth annually (plus 2,354.70 tons of sediment). This work plan will administer grant funds from 2008 through 2012 to achieve the implementation goals through these objectives: 1. BMP Technical Assistance and Implementation, and 2. Fiscal Management and Administration.</i></p> <p><i>1. BMP Technical Assistance and Implementation:</i></p> <ul style="list-style-type: none"> ➤ <i>Promote cost-share availability and identify erosion sensitive projects in priority area.</i> <i>Task A Cost: Grant- \$46,875.00 Match- \$60,000.00</i> ➤ <i>BMP cost share and project implementation.</i> <i>Task B Cost: Grant- \$253,125.00 Match- \$240,000.00</i> <p><i>Objective 1 Cost: Grant- \$300,000 Match- \$300,000.00 Total- \$600,000.00</i></p> <p><i>2. Grant Facilitation, Report Writing and Public Input/Rollout Sessions</i></p> <ul style="list-style-type: none"> ➤ <i>Conduct public involvement/informational meetings and meet all grant requirements</i> <p><i>Objective 2 Cost: Grant- \$0.00 Match- \$5,000.00 Total- \$5,000.00</i></p> |
| 3. | <p>Methods to achieve goals:</p> <p><i>The watersheds, as a result of the 17 years of continuous monitoring, have been divided into priority areas that have been identified as contributing a disproportionate share of sediment and nutrients. With this prioritization, a ranking sheet has been developed to rank each project application to ensure that it will provide a substantial reduction of pollutants. Since 2000, the projects that have been implemented have been tracked by total cost of the project, the landowners' share of the cost, and the reductions achieved by each project. With this data, a matrix has been developed to estimate the total cost per pollutant reduction. This matrix is used to estimate the number of projects needed and the pollutant reductions that can be achieved. By implementing projects in priority areas selected by a long-term monitoring program and using implemented project information to estimate cost and effectiveness of each type of BMP, the project can ensure that the goals and objectives will be met and the efficiency and pollutant reduction benefits of each BMP will be maximized.</i></p> <p><i>Several evaluation methods, in addition to the monitoring program are necessary to measure Project success. Methods used in the implementation plan have been selected to evaluate different components and outcomes of the plan in different ways.</i></p> <p><i>An established best management practice (BMP) tracking system will be used to measure BMP adoption rates within this project area. Information contained in this system will include records of initial contacts with landowners or operators; the status of each BMP from initial sign-up to construction; and the potential sediment and nutrient reduction obtained as a result of the BMP, using the BWSR/MPCA e-LINK program. This information will be entered into the watershed GIS system maintained by RCRCA. Other program evaluation tools will be developed to evaluate other key activities within each objective of the implementation plan as needed.</i></p> |
| III. Semi-annual Report Information | |
| 1. | <p>Project activities completed during last six (6) months according to the program elements or tasks:</p> <p><i>Best Management Practices – Five (5) contracts consisting of nine (9) open tile intake replacements at a cost of \$1,916.77 saving an estimated 9 tons of sediment loss per acre/year as well as 15.3 pounds per acre/year.</i></p> |
| 2. | Challenges faced (optional): |
| 3. | <p>Summary of monitoring data collected:</p> <p><i>Samples have been collected during this reporting period. Period loadings have been evaluated in December of this year and will be available in STORET & RCRCA website www.rcrca.com.</i></p> |
| 4. | Have all monitoring stations been established in STORET? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. | Is the data being routinely submitted for storage into STORET? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Last submittal date: 12/31/2011 |
| 6. | Is the data being annually entered into E-Link? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date last entered: 01/13/2012 |
| 7. | <p>Identify any significant findings and results of the project to date, as well as any unanticipated findings:</p> <p><i>Sampling data for this grant is preliminary. Data sets have been reported in past grants.</i></p> |

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|-----|--|---------------------|------------------------|
| 8. | Describe specific (quantifiable, if possible) results achieved during this period: | | See Question 1. |
| 8a. | Sediment Load Reduction | <i>9 tons/yr</i> | |
| | Phosphorus Load Reduction: | <i>15.3 lbs./yr</i> | |
| | Nitrogen Load Reduction: | <i>- lbs./yr</i> | |
| 9. | Summarize any work plan changes: | | |
| 10. | List anticipated activities for next six (6) months: <i>Over the next 6 months, we will continue to develop and implement BMP projects.</i> | | |
| 11. | List all products (documents, pamphlets, videos, maps, etc.) produced in this reporting period. | | |

IV. Expenditure Information for this Period

CWP: Provide a copy of the Expenditure Report with cumulative expenditures and this period's expenditures budget balances by work plan program element. The format for the Semi-Annual Expenditure Report is available on the Web at: <http://www.pca.state.mn.us/publications/wq-cwp7-09.xls>.

Expenditure Report attached

| CWP, 319, and TMDL - Complete the table below: | | Amount |
|---|---|---------------------|
| Total Grant Amount: | | \$300,000.00 |
| Total Match Amount (if applicable) | | \$305,000.00 |
| Total Project Amount: | | \$605,000.00 |
| Cumulative Grant Expenditures through this period: | | \$273,277.76 |
| Cumulative Match Expenditures through this period: | | \$287,942.46 |
| Total Cumulative Expenditures through this period: | | \$561,220.22 |
| Date form completed: | 1/31/2012 | |
| Please submit to: | Your project manager Mark Hanson | |

PROJECT TITLE: Clean Water Legacy-Cottonwood/Redwood River Project #B20788
BUDGET/EXPENDITURES AS OF December 31, 2011

| Objectives | unit cost | unit | Quantity Exp/budget | Inkind Budgeted | Cash Budgeted | Loan Budgeted | Total Budgeted | Cumulative Inkind Expended | Cumulative Cash Expended | Cumulative Loan Expended | Cumulative Total Expended | Inkind Budget Balance | Cash Budget Balance | Loan Budget Balance | Total Budget Balance | Amount Requested this Voucher | Amount Previously Requested |
|---|------------------|---------------|------------------------|--------------------|------------------|------------------|-------------------|----------------------------------|--------------------------------|--------------------------------|---------------------------------|-----------------------------|---------------------------|---------------------------|----------------------------|--|-----------------------------------|
| Objective 1) BMP Technical Assistance and Implementation | | | | | | | | | | | | | | | | | |
| Task A. Promote, contacts, and install selected BMP's | | | | | | | | | | | | | | | | | |
| | | | | | | | \$0.00 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | | \$0.00 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| SWCD BWSR Technical Assistance from Clean Water Legacy | \$35/hr. | 3053.6 | | \$60,000.00 | \$46,875.00 | | \$106,875.00 | \$46,867.82 | \$43,697.48 | | \$90,565.30 | \$13,132.18 | \$3,177.52 | \$0.00 | \$16,309.70 | \$305.62 | \$43,391.86 |
| | | | | | | | \$0.00 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| Task B. BMP Cost –Share and Implementation | | | | | | | | | | | | | | | | | |
| | | | | | | | \$0.00 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | | \$0.00 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| Clean Water Legacy BWSR Cost –Share | | | | \$240,000.00 | | | \$240,000.00 | \$241,074.64 | | | \$241,074.64 | -\$1,074.64 | \$0.00 | \$0.00 | -\$1,074.64 | \$0.00 | |
| 319 grant incentive for Alternative Intakes | \$300.00 | 213 | | | \$64,125.00 | | \$64,125.00 | | \$40,580.28 | | \$40,580.28 | \$0.00 | \$23,544.72 | \$0.00 | \$23,544.72 | \$1,916.77 | \$38,663.51 |
| 319 grant Incentive for Nutrient Management | 21.00 x 3 yrs | 3000 acres | | | \$189,000.00 | | \$189,000.00 | | \$189,000.00 | | \$189,000.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$189,000.00 |
| | | | | | | | \$0.00 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| | | | | | | | \$0.00 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| Total Objective 1 | | | \$0.00 | \$300,000.00 | \$300,000.00 | \$0.00 | \$600,000.00 | \$287,942.46 | \$273,277.76 | \$0.00 | \$561,220.22 | \$12,057.54 | \$26,722.24 | \$0.00 | \$38,779.78 | \$2,222.39 | \$271,055.37 |
| Objective 2) Grant Facilitation | | | | | | | | | | | | | | | | | |
| Tasks A; B | | | | | | | | | | | | | | | | | |
| Executive Director and/or Fiscal Agent (.07 FTE) | \$35.00/hr | 142.9 | | \$5,000.00 | | | \$5,000.00 | | | | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 | \$5,000.00 | | |
| | | | | | | | \$0.00 | | | | | | | | | | |
| | | | | | | | \$0.00 | | | | | | | | | | |
| Total Element 2 | | | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 |
| Element 3 | | | | | | | | | | | | | | | | | |
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| Total Element 3 | | | | | | | | | | | | | | | | | |
| ITEMIZED PROGRAM ELEMENT BUDGET | | | | | | | | | | | | | | | | | |
| Total Element 1 | | | | \$300,000.00 | \$300,000.00 | \$0.00 | \$600,000.00 | \$287,942.46 | \$273,277.76 | \$0.00 | \$561,220.22 | \$12,057.54 | \$26,722.24 | \$0.00 | \$38,779.78 | \$2,222.39 | \$271,055.37 |
| Total Element 2 | | | | \$5,000.00 | \$0.00 | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 | \$5,000.00 | \$0.00 | \$0.00 |
| Total Element 3 | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Project Grand Total | | | | \$305,000.00 | \$300,000.00 | \$0.00 | \$605,000.00 | \$287,942.46 | \$273,277.76 | \$0.00 | \$561,220.22 | \$17,057.54 | \$26,722.24 | \$0.00 | \$43,779.78 | \$2,222.39 | \$271,055.37 |

319/CWL FUNDS SPENT – December, 2011

CLEAN WATER LEGACY PROGRAM DISBURSEMENT JOURNAL

Period - December, 2011

| |
|------------------------|
| PROGRAM PERIOD 2008 |
|------------------------|

319 FUNDS \$300,000

- Current Period Expenses

- Other Periods

| | |
|---------------------------|------------|
| GRANT AMOUNT | 300,000.00 |
| TOTAL T & A ALLOWED | \$46,875 |
| PROJECT FUNDS TO DISBURSE | \$253,135 |

| CONTRACT NUMBER | NAME | CONSERVATION PRACTICE CATEGORY | UNITS COMPLETED | DATE OF PAYMENT | CHECK NUMBER | WHOLE OR PARTIAL PAYMENT | PAYMENT AMOUNT | TOTAL PROJECT DISBURSEMENTS | T & A AMOUNT | TOTAL T & A DISBURSEMENTS | BALANCE REMAINING |
|-----------------|--|--------------------------------|-----------------|-----------------|--------------|--------------------------|----------------|-----------------------------|--------------|---------------------------|-------------------|
| | | | | | | | \$ - | \$ - | \$ - | \$ - | \$ 300,000.00 |
| CWL-12-08 | Schardin Farms - Conrad Schardin | 1st Nut. Mgt | 250 | 9/11/08 | 14198 | P | \$ 3,750.00 | \$ 3,750.00 | \$ - | \$ - | \$ 296,250.00 |
| | Centrol | TSP for Schardin | | | | | \$ 1,500.00 | \$ 5,250.00 | \$ - | \$ - | \$ 294,750.00 |
| CWL-18-08 | Lyle Getner | Intakes | 1 | 10/9/08 | 14244 | W | \$ 300.00 | \$ 5,550.00 | \$ 43.66 | \$ 43.66 | \$ 294,406.34 |
| CWL-25-08 | Doug Schmieising | Intakes | 1 | 10/9/08 | 14245 | W - S | \$ 251.84 | \$ 5,801.84 | \$ 43.66 | \$ 87.32 | \$ 294,110.84 |
| CWL-21-08 | Alan Krienke | Intakes | 1 | 11/13/08 | 14300 | W - S | \$ 224.06 | \$ 6,025.90 | \$ 43.66 | \$ 130.98 | \$ 293,843.12 |
| CWL-1-08 | Rollie Winter | 1st Nut. Mgt | 250 | 12/11/08 | 14320 | P | \$ 3,750.00 | \$ 9,775.90 | \$ - | \$ 130.98 | \$ 290,093.12 |
| CWL-2-08 | Leonard Runck | 1st Nut. Mgt | 250 | 12/11/08 | 14321 | P | \$ 3,750.00 | \$ 13,525.90 | \$ - | \$ 130.98 | \$ 286,343.12 |
| CWL-3-08 | Troy Runck | 1st Nut. Mgt | 250 | 12/11/08 | 14322 | P | \$ 3,750.00 | \$ 17,275.90 | \$ - | \$ 130.98 | \$ 282,593.12 |
| CWL-4-08 | 4 Corners - Ralph Weber | 1st Nut. Mgt | 250 | 12/11/08 | 14323 | P | \$ 3,750.00 | \$ 21,025.90 | \$ - | \$ 130.98 | \$ 278,843.12 |
| CWL-5-08 | A Plus Farms - Mike Anderson | 1st Nut. Mgt | 250 | 12/11/08 | 14324 | P | \$ 3,750.00 | \$ 24,775.90 | \$ - | \$ 130.98 | \$ 275,093.12 |
| CWL-8-08 | Mike Alex | 1st Nut. Mgt | 250 | 12/11/08 | 14325 | P | \$ 3,750.00 | \$ 28,525.90 | \$ - | \$ 130.98 | \$ 271,343.12 |
| CWL-9-08 | Tom Alex | 1st Nut. Mgt | 250 | 12/11/08 | 14326 | P | \$ 3,750.00 | \$ 32,275.90 | \$ - | \$ 130.98 | \$ 267,593.12 |
| CWL-10-08 | Fran Verly | 1st Nut. Mgt | 250 | 12/11/08 | 14327 | P | \$ 3,750.00 | \$ 36,025.90 | \$ - | \$ 130.98 | \$ 263,843.12 |
| CWL-11-08 | Kirsh Farms | 1st Nut. Mgt | 250 | 12/11/08 | 14328 | P | \$ 3,750.00 | \$ 39,775.90 | \$ - | \$ 130.98 | \$ 260,093.12 |
| | Centrol - Winter, Runck x2, Anderson, Alex x 2, Verly, & Kirsh (TSP for 1-5, 8-11) | | | 12/11/08 | 14313 | P | \$ 13,500.00 | \$ 53,275.90 | \$ - | \$ 130.98 | \$ 246,593.12 |
| CWL-14-08 | John McCoy | Intakes | 4 | 12/11/08 | 14329 | W - S | \$ 1,146.75 | \$ 54,422.65 | \$ 174.64 | \$ 305.62 | \$ 245,271.73 |
| CWL-32-08 | John Hennen | Intakes | 3 | 12/11/08 | 14330 | W - S | \$ 900.00 | \$ 55,322.65 | \$ 130.98 | \$ 436.60 | \$ 244,240.75 |
| CWL-16-08 | Richard Nerem | Intakes | 7 | 1/8/09 | 14382 | W | \$ 2,100.00 | \$ 57,422.65 | \$ 305.62 | \$ 742.22 | \$ 241,835.13 |
| CWL-40-08 | Lee Potter | Intakes | 1 | 1/8/09 | 14385 | W | \$ 300.00 | \$ 57,722.65 | \$ 43.66 | \$ 785.88 | \$ 241,491.47 |
| CWL-43-08 | Rick Johnson | Intakes | 1 | 1/8/09 | 14386 | W | \$ 300.00 | \$ 58,022.65 | \$ 43.66 | \$ 829.54 | \$ 241,147.81 |
| CWL-38-08 | William Driscoll | Intakes | 2 | 2/20/09 | 14433 | W | \$ 600.00 | \$ 58,622.65 | \$ 87.32 | \$ 916.86 | \$ 240,460.49 |
| CWL-39-08 | James Ourada | Intakes | 6 | 2/20/09 | 14434 | W - S | \$ 1,636.38 | \$ 60,259.03 | \$ 261.96 | \$ 1,178.82 | \$ 238,562.15 |
| CWL-35-08 | Normal Carrow | Intakes | 4 | 4/9/09 | 14498 | W | \$ 486.78 | \$ 60,745.81 | \$ 174.64 | \$ 1,353.46 | \$ 237,900.73 |
| CWL-6-08 | Wallace Paradis | 1st Nut. Mgt | 250 | 5/14/09 | 14531 | P | \$ 3,750.00 | \$ 64,495.81 | | \$ 1,353.46 | \$ 234,150.73 |
| CWL-7-08 | Brad Paradis | 1st Nut. Mgt | 250 | 5/14/09 | 14532 | P | \$ 3,750.00 | \$ 68,245.81 | | \$ 1,353.46 | \$ 230,400.73 |
| | Centrol - Paradis x 2 (TSP for 6 & 7) | | | 5/14/09 | 14529 | | \$ 3,000.00 | \$ 71,245.81 | | \$ 1,353.46 | \$ 227,400.73 |
| CWL-31-08 | LK Farms | Intakes | 10 | 5/14/09 | 14530 | W - S | \$ 2,019.27 | \$ 73,265.08 | \$ 436.60 | \$ 1,790.06 | \$ 224,944.86 |
| CWL-48-08 | Dale Hansen | Intakes | 18 | 5/14/09 | 14533 | W - S | \$ 4,005.08 | \$ 77,270.16 | \$ 785.88 | \$ 2,575.94 | \$ 220,153.90 |
| CWL-44-08 | George Erbes | Intakes | 3 | 6/11/09 | | W | \$ 900.00 | \$ 78,170.16 | \$ 130.98 | \$ 2,706.92 | \$ 219,122.92 |
| CWL-52-08 | Dan VanLeeuwe | Intakes | 2 | 6/11/09 | 14592 | W - S | \$ 239.38 | \$ 78,409.54 | \$ 87.32 | \$ 2,794.24 | \$ 218,796.22 |
| CWL-42-08 | Gordon Vosberg | Intakes | 2 | 6/11/09 | 14594 | W - S | \$ 282.00 | \$ 78,691.54 | \$ 87.32 | \$ 2,881.56 | \$ 218,426.90 |
| CWL-12-08 | Schardin Farms - Conrad Schardin | 2nd Nut Mgt | 250 | 6/11/09 | 14579 | W | \$ 3,750.00 | \$ 82,441.54 | | \$ 2,881.56 | \$ 214,676.90 |
| | Centrol - Schardin Farms | | | 6/11/09 | 14576 | | \$ 1,500.00 | \$ 83,941.54 | | \$ 2,881.56 | \$ 213,176.90 |
| CWL-56-08 | Jeff Otto | Intakes | 11 | 7/9/09 | 14620 | W | \$ 2,867.45 | \$ 86,808.99 | \$ 480.26 | \$ 3,361.82 | \$ 209,829.19 |


| | | | | | | | | | | | |
|-----------|---|---------------|-----------|-----------|-------|-------|--------------|---------------|-------------|--------------|---------------|
| CWL-53-08 | James LeClaire | Intakes | 3 | 10/8/09 | 14775 | W | \$ 900.00 | \$ 87,708.99 | \$ 130.98 | \$ 3,492.80 | \$ 208,798.21 |
| CWL-46-08 | Daniel Fuhr | Intakes | 10 | 11/12/09 | 14802 | W-S | \$ 3,000.00 | \$ 90,708.99 | \$ 436.60 | \$ 3,929.40 | \$ 205,361.61 |
| CWL-60-08 | Willard Pfarr | Intake | 1 | 11/12/09 | 14808 | W-S | \$ 258.60 | \$ 90,967.59 | \$ 43.66 | \$ 3,973.06 | \$ 205,059.35 |
| CWL-13-08 | Swedzinski Farms | Intakes | 7 | 2/11/10 | 14949 | W | \$ 2,100.00 | \$ 93,067.59 | \$ 305.62 | \$ 4,278.68 | \$ 202,653.73 |
| CWL-8-08 | Mike Alex | 2nd Nut Mgt | 250 | 3/11/10 | 14977 | P | \$ 3,750.00 | \$ 96,817.59 | | \$ 4,278.68 | \$ 198,903.73 |
| CWL-9-08 | Tom Alex | 2nd Nut Mgt | 250 | 3/11/10 | 14980 | P | \$ 3,750.00 | \$ 100,567.59 | | \$ 4,278.68 | \$ 195,153.73 |
| CWL-10-08 | Fran Verly | 2nd Nut Mgt | 250 | 3/11/10 | 14979 | P | \$ 3,750.00 | \$ 104,317.59 | | \$ 4,278.68 | \$ 191,403.73 |
| CWL-11-08 | Kirsh Farms | 2nd Nut Mgt | 250 | 3/11/10 | 14978 | P | \$ 3,750.00 | \$ 108,067.59 | | \$ 4,278.68 | \$ 187,653.73 |
| | Centrol - (Alex x 2, Verly & Kirsh) | | | 3/11/10 | 14976 | | \$ 6,000.00 | \$ 114,067.59 | | \$ 4,278.68 | \$ 181,653.73 |
| CWL-73-08 | Nancy Hewitt | Inatkes | 3 | 4/8/10 | 15014 | W - S | \$ 539.04 | \$ 114,606.63 | \$ 130.98 | \$ 4,409.66 | \$ 180,983.71 |
| CWL-1-08 | Rollie Winter | 2nd Nut. Mgt | 250 | 5/13/10 | 15070 | P | \$ 3,750.00 | \$ 118,356.63 | \$ - | \$ 4,409.66 | \$ 177,233.71 |
| CWL-2-08 | Leonard Runck | 2nd Nut. Mgt | 250 | 5/13/10 | 15069 | P | \$ 3,750.00 | \$ 122,106.63 | \$ - | \$ 4,409.66 | \$ 173,483.71 |
| CWL-3-08 | Troy Runck | 2nd Nut. Mgt | 250 | 5/13/10 | 15068 | P | \$ 3,750.00 | \$ 125,856.63 | \$ - | \$ 4,409.66 | \$ 169,733.71 |
| CWL-4-08 | 4 Corners - Ralph Weber | 2nd Nut. Mgt | 250 | 5/13/10 | 15067 | P | \$ 3,750.00 | \$ 129,606.63 | \$ - | \$ 4,409.66 | \$ 165,983.71 |
| CWL-5-08 | A Plus Farms - Mike Anderson | 2nd Nut. Mgt | 250 | 5/13/10 | 15066 | P | \$ 3,750.00 | \$ 133,356.63 | \$ - | \$ 4,409.66 | \$ 162,233.71 |
| CWL-6-08 | Wallace Paradis | 2nd Nut. Mgt | 250 | 5/13/10 | 15065 | P | \$ 3,750.00 | \$ 137,106.63 | \$ - | \$ 4,409.66 | \$ 158,483.71 |
| CWL-7-08 | Brad Paradis | 2nd Nut. Mgt | 250 | 5/13/10 | 15064 | P | \$ 3,750.00 | \$ 140,856.63 | \$ - | \$ 4,409.66 | \$ 154,733.71 |
| | Centrol - (TSP for 1-7) | | | 5/13/10 | 15063 | | \$ 10,500.00 | \$ 151,356.63 | \$ - | \$ 4,409.66 | \$ 144,233.71 |
| CWL-34-08 | RDC of Marshall | Intakes | 11 | 6/10/10 | 15111 | W - S | \$ 2,062.50 | \$ 153,419.13 | \$ 480.26 | \$ 4,889.92 | \$ 141,690.95 |
| CWL-65-08 | Kelly Sik | Intakes | 3 | 6/10/10 | 15109 | W | \$ 900.00 | \$ 154,319.13 | \$ 96.99 | \$ 4,986.91 | \$ 140,693.96 |
| CWL-61-08 | Donald Buhl | Intakes | 3 | 6/10/10 | 15110 | W-S | \$ 675.00 | \$ 154,994.13 | \$ 130.98 | \$ 5,117.89 | \$ 139,887.98 |
| CWL-33-08 | Gary Beermann | Intakes | 6 | 7/7/10 | 15166 | W | \$ 1,576.04 | \$ 156,570.17 | \$ 261.96 | \$ 5,379.85 | \$ 138,049.98 |
| CWL-45-08 | Brent Imker | Intakes | 8 | 7/7/10 | 15161 | W | \$ 1,739.80 | \$ 158,309.97 | \$ 349.28 | \$ 5,729.13 | \$ 135,960.90 |
| CWL-55-08 | Daniel Schmidt | Intakes | 6 | 7/7/10 | 15162 | W | \$ 1,800.00 | \$ 160,109.97 | \$ 261.96 | \$ 5,991.09 | \$ 133,898.94 |
| CWL-63-08 | Arnold Stelter | Intakes | 1 | 7/7/10 | 15164 | W | \$ 300.00 | \$ 160,409.97 | \$ 43.66 | \$ 6,034.75 | \$ 133,555.28 |
| CWL-80-08 | Norman Krienke | Intakes | 1 | 7/7/10 | 15165 | W | \$ 300.00 | \$ 160,709.97 | \$ 43.66 | \$ 6,078.41 | \$ 133,211.62 |
| CWL-81-08 | Alan Krienke | Intakes | 6 | 11/10/10 | 15297 | W - S | \$ 1,403.54 | \$ 162,113.51 | | \$ 6,078.41 | \$ 131,808.08 |
| CWL-86-08 | Dallas Dolan | Intakes | 4 | 12/9/10 | 15346 | W | \$ 1,200.00 | \$ 163,313.51 | \$ 174.64 | \$ 6,253.05 | \$ 130,433.44 |
| CWL-77-08 | Kevin Eisenmenger | Intakes | 6 | 12/9/10 | 15347 | W - S | \$ 1,350.00 | \$ 164,663.51 | \$ 261.96 | \$ 6,515.01 | \$ 128,821.48 |
| CWL-8-08 | Mike Alex | 3rd Nut. Mgt. | 250 acres | 1/13/11 | 15404 | Final | \$ 3,700.00 | \$ 168,363.51 | \$ 3,073.07 | \$ 9,588.08 | \$ 122,048.41 |
| CWL-9-08 | Tom Alex | 3rd Nut. Mgt. | 250 acres | 1/13/11 | 15406 | Final | \$ 3,700.00 | \$ 172,063.51 | \$ 3,073.07 | \$ 12,661.15 | \$ 115,275.34 |
| CWL-10-08 | Fran Verly | 3rd Nut. Mgt. | 250 acres | 1/13/11 | 15407 | Final | \$ 3,700.00 | \$ 175,763.51 | \$ 3,073.07 | \$ 15,734.22 | \$ 108,502.27 |
| CWL-11-08 | Kirsch Farms | 3rd Nut. Mgt. | 250 acres | 1/13/11 | 15405 | Final | \$ 3,700.00 | \$ 179,463.51 | \$ 3,073.07 | \$ 18,807.29 | \$ 101,729.20 |
| | Centrol 1,500 each Alex, Alex, Verly and Kirsch | | | | 15403 | Final | \$ 6,000.00 | \$ 185,463.51 | \$ - | \$ 18,807.29 | \$ 95,729.20 |
| CWL-2-08 | Leonard Runck | 3rd Nut. Mgt. | 250 acres | 4/14/11 | 15501 | Final | \$ 3,750.00 | \$ 189,213.51 | \$ 3,073.07 | \$ 21,880.36 | \$ 88,906.13 |
| CWL-3-08 | Troy Runck | 3rd Nut. Mgt. | 250 acres | 4/14/11 | 15504 | Final | \$ 3,750.00 | \$ 192,963.51 | \$ 3,073.07 | \$ 24,953.43 | \$ 82,083.06 |
| CWL-4-08 | 4 Corners - Ralph Weber | 3rd Nut. Mgt. | 250 acres | 4/14/11 | 15502 | Final | \$ 3,750.00 | \$ 196,713.51 | \$ 3,073.07 | \$ 28,026.50 | \$ 75,259.99 |
| CWL-5-08 | A Plus Farms - Mike Anderson | 3rd Nut. Mgt. | 250 acres | 4/14/11 | 15503 | Final | \$ 3,750.00 | \$ 200,463.51 | \$ 3,073.07 | \$ 31,099.57 | \$ 68,436.92 |
| | Centrol - (TSP for 2-5) | | | 4/14/11 | 15500 | Final | \$ 6,000.00 | \$ 206,463.51 | | \$ 31,099.57 | \$ 62,436.92 |
| CWL-1-08 | Roland Winter | 3rd Nut. Mgt. | 250 acres | 7/14/11 | 15625 | Final | \$ 3,750.00 | \$ 210,213.51 | \$ 3,073.07 | \$ 34,172.64 | \$ 55,613.85 |
| CWL-6-08 | Wallace Paradis | 3rd Nut. Mgt. | 250 acres | 7/14/11 | 15624 | Final | \$ 3,750.00 | \$ 213,963.51 | \$ 3,073.07 | \$ 37,245.71 | \$ 48,790.78 |
| CWL-7-08 | Brad Paradis | 3rd Nut. Mgt. | 250 acres | 7/14/11 | 15627 | Final | \$ 3,750.00 | \$ 217,713.51 | \$ 3,073.07 | \$ 40,318.78 | \$ 41,967.71 |
| CWL-12-08 | Schardin Farms | 3rd Nut. Mgt. | 250 acres | 7/14/11 | 15626 | Final | \$ 3,750.00 | \$ 221,463.51 | \$ 3,073.08 | \$ 43,391.86 | \$ 35,144.63 |
| | Centrol for Winter, Paradis, Pardis and Schardin Farms | | | | | Final | \$ 6,000.00 | \$ 227,463.51 | \$ - | \$ 43,391.86 | \$ 29,144.63 |
| | Correction for CWL/8-11-08 Payments were \$50 short on these 4 contracts | | | | | Final | \$ 200.00 | \$ 227,663.51 | | \$ 43,391.86 | \$ 28,944.63 |
| CWL-93-08 | Curtis Jenson | Intakes | 1 | 8/11/2011 | 15660 | Final | \$ 300.00 | \$ 227,963.51 | \$ - | \$ 43,391.86 | \$ 28,644.63 |
| CWL-78-08 | Garry Beermann | Intakes | 3 | 12/8/2011 | 15784 | Final | \$ 435.14 | \$ 228,398.65 | \$ 130.98 | \$ 43,522.84 | \$ 28,078.51 |
| CWL-87-08 | Robert Boerboom | Intakes | 1 | 12/8/2011 | 15783 | Final | \$ 300.00 | \$ 228,698.65 | \$ - | \$ 43,522.84 | \$ 27,778.51 |
| CWL-91-08 | Norman Krienke | Intakes | 2 | 12/8/2011 | 15785 | Final | \$ 600.00 | \$ 229,298.65 | \$ 87.32 | \$ 43,610.16 | \$ 27,091.19 |
| CWL-92-08 | Charles Kotten | Intakes | 2 | 12/8/2011 | 15786 | Final | \$ 281.63 | \$ 229,580.28 | \$ 87.32 | \$ 43,697.48 | \$ 26,722.24 |

CWL MATCH FUNDS – December, 2011

CLEAN WATER LEGACY PROGRAM DISBURSEMENT JOURNAL

Period - December 31, 2011

| |
|------------------------|
| PROGRAM PERIOD 2008 |
|------------------------|

 - Current Period Expenses

 - Other Periods

BWSR FUNDS \$300,000

GRANT AMOUNT

300,000.00

TOTAL T & A ALLOWED

\$60,000

PROJECT FUNDS TO DISBURSE

\$240,000

| CONTRACT NUMBER | NAME | CONSERVATION PRACTICE CATEGORY | UNITS COMPLETED | DATE OF PAYMENT | CHECK NUMBER | WHOLE OR PARTIAL PAYMENT | PAYMENT AMOUNT | TOTAL PROJECT DISBURSEMENTS | T & A AMOUNT | TOTAL T & A DISBURSEMENTS | BALANCE REMAINING |
|-----------------|--------------------|--------------------------------|-----------------|-----------------|--------------|--------------------------|----------------|-----------------------------|--------------|---------------------------|-------------------|
| | | | | | | | | | | | \$ 300,000.00 |
| CWL-19-08 | Constance McGee | Multi-Purpose Dam | 1 | 9/11/08 | 14199 | W | \$ 15,000.00 | \$ 15,000.00 | \$ 2,250.00 | \$ 2,250.00 | \$ 282,750.00 |
| CWL-20-08 | Duane Knott | Dam Repair | | 1/8/09 | 14383 | W | \$ 9,528.07 | \$ 24,528.07 | \$ 1,905.61 | \$ 4,155.61 | \$ 271,316.32 |
| CWL-36-08 | Randy Schenk | Waterway | | 1/8/09 | 14384 | P | \$ 1,458.50 | \$ 25,986.57 | \$ 291.70 | \$ 4,447.31 | \$ 269,566.12 |
| CWL-26-08 | Neil Schultz | Basins | 4 | 2/20/09 | 14432 | W - S | \$ 12,320.02 | \$ 38,306.59 | \$ 2,464.00 | \$ 6,911.31 | \$ 254,782.10 |
| CWL-36-08 | Randy Schenk | Waterway | | 7/9/09 | 14657 | P - S | \$ 78.75 | \$ 38,385.34 | \$ 15.75 | \$ 6,927.06 | \$ 254,687.60 |
| CWL-22-08 | Wallace Hedman | Waterway | 1059 ft | 8/13/09 | 14682 | W - S | \$ 11,868.48 | \$ 50,253.82 | \$ 2,235.00 | \$ 9,162.06 | \$ 240,584.12 |
| CWL-23-08 | Wallace Hedman | Waterway | 826 ft | 8/13/09 | 14681 | W | \$ 10,049.33 | \$ 60,303.15 | \$ 1,740.00 | \$ 10,902.06 | \$ 228,794.79 |
| CWL-37-08 | Diane Jensen | Dam Repair | 1 | 8/13/09 | 14680 | W - S | \$ 14,790.00 | \$ 75,093.15 | \$ 2,900.00 | \$ 13,802.06 | \$ 211,104.79 |
| CWL-59-08 | Ronald Weidauer | Dam Repair | 1 | 9/10/09 | 14732 | W | \$ 12,647.25 | \$ 87,740.40 | \$ 2,500.00 | \$ 16,302.06 | \$ 195,957.54 |
| CWL-27-08 | Jerry Heubner | Basins | 4 | 11/12/09 | 14803 | W - S | \$ 17,500.31 | \$ 105,240.71 | \$ 3,500.06 | \$ 19,802.12 | \$ 174,957.17 |
| CWL-50-08 | Fred Pfeiffer | Basins | 3 | 12/11/09 | 14846 | W | \$ 11,318.90 | \$ 116,559.61 | \$ 2,263.78 | \$ 22,065.90 | \$ 161,374.49 |
| CWL-64-08 | Herb Kreft | Basins | 1 | 12/11/09 | 14847 | W | \$ 8,075.50 | \$ 124,635.11 | \$ 1,615.10 | \$ 23,681.00 | \$ 151,683.89 |
| CWL-71-08 | Altermatt Farms | Basins | 2 | 12/11/09 | 14855 | W | \$ 10,341.11 | \$ 134,976.22 | \$ 2,068.22 | \$ 25,749.22 | \$ 139,274.56 |
| CWL-62-08 | Tim Swenson | Grade Stabilization | 1 | 1/14/10 | 14908 | W - S | \$ 9,097.87 | \$ 144,074.09 | \$ 1,819.57 | \$ 27,568.79 | \$ 128,357.12 |
| CWL-72-08 | Micheal/David Geis | Multi-Purpose Dam | 1 | 2/5/10 | 14931 | P | \$ 30,038.52 | \$ 174,112.61 | \$ - | \$ 27,568.79 | \$ 98,318.60 |
| CWL-47-08 | Anthony Quade | Waterway | 1.1 acres | 2/11/10 | 14948 | W | \$ 3,075.00 | \$ 177,187.61 | \$ 615.00 | \$ 28,183.79 | \$ 94,628.60 |
| CWL-70-08 | Nettiewynntt Farms | Waterway | 2.9 acres | 5/13/10 | 15062 | W | \$ 2,830.94 | \$ 180,018.55 | \$ 566.00 | \$ 28,749.79 | \$ 91,231.66 |
| CWL-79-08 | Rosemary Martin | Dam Repair | 1 | 7/7/10 | 15160 | W | \$ 7,497.14 | \$ 187,515.69 | \$ 1,400.00 | \$ 30,149.79 | \$ 82,334.52 |
| CWL-75-08 | SWROC | Dam Repair | 1 | 8/12/10 | 15210 | W | \$ 12,396.65 | \$ 199,912.34 | \$ 2,479.33 | \$ 32,629.12 | \$ 67,458.54 |
| CWL-72-08 | Michael/David Geis | Multi-Purpose Dam | 1 | 9/9/10 | 15242 | W | \$ 5,256.44 | \$ 205,168.78 | \$ 7,058.00 | \$ 39,687.12 | \$ 55,144.10 |
| CWL-66-08 | Nancy Hewitt | WW | 780 ft | 12/9/10 | 15345 | W - S | \$ 3,806.68 | \$ 208,975.46 | \$ 761.34 | \$ 40,448.46 | \$ 50,576.08 |
| CWL-67-08 | Harold Hewitt | WW | .4 acre | 12/9/10 | 15344 | W - S | \$ 881.25 | \$ 209,856.71 | \$ 176.25 | \$ 40,624.71 | \$ 49,518.58 |
| CWL-85-08 | Hartwin Kreft | Basins | 1 | 1/13/11 | 15402 | W | \$ 2,430.00 | \$ 212,286.71 | \$ 486.00 | \$ 41,110.71 | \$ 46,602.58 |
| CWL-76-08 | Howard Nelson | WW | | 2/10/11 | 15434 | Partial | \$ 3,075.00 | \$ 215,361.71 | \$ - | \$ 41,110.71 | \$ 43,527.58 |
| CWL-90-08 | Robert Kemmerer | Grade Stabilization | 1 | 6/24/11 | 15578 | W | \$ 4,737.39 | \$ 220,099.10 | \$ 947.00 | \$ 42,057.71 | \$ 37,843.19 |
| CWL-76-08 | Howard Nelson | Waterway | 0.7 | 8/11/11 | 15661 | Final | \$ 75.00 | \$ 220,174.10 | \$ 630.00 | \$ 42,687.71 | \$ 37,138.19 |
| CWL-91-08 | Roger Pfarr | 638 | 3 | 11/10/11 | 15747 | W | \$ 7,710.68 | \$ 227,884.78 | \$ 1,542.14 | \$ 44,229.85 | \$ 27,885.37 |
| CWL-94-08 | Elverne Ziemke | Grade Stabilization | 1 | 11/10/11 | 15748 | W | \$ 5,444.00 | \$ 233,328.78 | \$ 1,088.80 | \$ 45,318.65 | \$ 21,352.57 |
| CWL-95-08 | Runholt Farms | Grade Stabilization | 1 | 11/10/11 | 15749 | W | \$ 7,745.86 | \$ 241,074.64 | \$ 1,549.17 | \$ 46,867.82 | \$ 12,057.54 |