

2005 Project Abstract
For the Period Ending June 30, 2008

I. PROJECT TITLE: Accelerating and Enhancing Surface Water Monitoring – Result 3: Continued enhancement of the ability of volunteer citizen groups to collect water quality data that will be useful for local water management and/or state water quality assessment.

Project Manager: Courtney Kowalczak

Affiliation: Minnesota Waters (formerly known as Rivers Council of Minnesota and Minnesota Lakes Association through December 31, 2005; Merger effective January 1, 2006)

Mailing Address: Duluth Office: 3907 Porter Rd

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Legal Citation: ML 2005, First Special Session, Chap. 1, Art 2, Sec.11, Subd.7b.

Appropriation Amount: \$ 250,000

Overall Project Outcome and Results

When this project was started in 2005 the MPCA only had surface water assessment for 14% of Minnesota's lakes and 8% of its streams. At conclusion in 2008 the numbers have slowly climbed to 18% of lakes and 14% of streams. Citizen volunteers have been contributors to understanding the quality of Minnesota's surface waters; they have been able to gather data from lakes and rivers that state organizations, because of limited funding and staff, have not monitored. Minnesota Waters worked on Result 3 which is part of the continuation proposal: Accelerating and Enhancing Surface Water Monitoring. Minnesota Waters expanded the ability of individuals and organizations to collect useable data by developing and implementing training programs for citizen monitors and their leaders. Minnesota Waters believes that the best way to promote responsible stewardship of water resources is by engaging citizens, local and state policymakers, and other partners in the protection and restoration of Minnesota's lakes and rivers. Through various training programs we have helped citizen volunteers follow a data pathway from collecting the data, transforming the data to information, and finally to water quality protection / restoration action.

The programs that were offered included:

- Freshwater Mussel Monitoring
- Putting Green

- Design Your Monitoring Plan
- Stream Health Evaluation Program (Benthic macroinvertebrate monitoring)
- Monitoring Data Assessment / Interpretation
- Monitoring Rivers and Lakes for Road Salt
- Lake Sampling Skills Training
- Stream Sampling Skills Training
- Aquatic Plant Identification

The workshops produced:

- 405 monitoring volunteers (from 56 citizen groups) that drafted;
- 16 monitoring plans and are active on;
- 240 lakes and;
- 52 streams

Project Results Use and Dissemination

In addition to our training workshops, water quality monitoring in Minnesota was advanced by providing informational outreach to volunteers statewide. This outreach has been accomplished by producing;

- 5 newsletters with a distribution of approximately 4000 each mailing

These newsletters contain information on both water quality monitoring and effective volunteer group organization. These newsletters also share what other volunteer groups have accomplished across the state.

- 2006 Lakes and Rivers Conference with over 500 participants

Topics that were covered during the three day conference included shoreland restoration, citizen monitoring, lake management planning, increasing organizational effectiveness, stormwater runoff, impaired waters assessment, and low impact shoreland development.

- Production of “ A Citizen’s Guide to Using Monitoring Data”.

This booklet is designed to showcase volunteers across Minnesota involved in water quality monitoring and how their data has been used to affect change. The topics covered include the value of citizen monitoring, developing monitoring plans, lake monitoring, stream monitoring, wetland monitoring, and biological monitoring. Appendices include resource information for citizen monitors.

- Minnesota Waters website and monthly electronic newsletter *The Confluence*

The website keeps citizen monitors informed about workshops that are available during the year. Minnesota Waters has also provided downloadable informational materials as well as hosting websites for lake and river group association. *The Confluence* provides the latest information about water quality issues and events to over 3000 constituents monthly.

LCMR 2005 Work Program Final Report

Date of Report: June 30, 2008

LCCMR 2005 Work Program Final Report

Date of Work Program Approval: May 5, 2005

Project Completion Date: June 30, 2008

I. PROJECT TITLE: Accelerating and Enhancing Surface Water Monitoring – Result 3: Continued enhancement of the ability of volunteer citizen groups to collect water quality data that will be useful for local water management and/or state water quality assessment.

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Location: Minnesota surface water resources and watersheds, statewide. Specific locations to be determined with each training.

Total Biennial LCMR Project Budget:	LCMR Appropriation:	\$ 250,000
	Minus Amount Spent:	\$ 248,704.31
	Equal Balance:	\$ 1295.69

Legal Citation: ML 2005, First Special Session, Chap. 1, Art 2, Sec.11, Subd.7b.

Appropriation Language: 7b W8 Accelerating and Enhancing Surface Water Monitoring for Lakes and Streams \$600,000 \$300,000 the first year and \$300,000 the second year are from the trust fund to the commissioner of the pollution control agency for acceleration of agency programs and cooperative agreements with the Minnesota Lakes Association, Rivers Council of Minnesota, and the University of Minnesota to accelerate monitoring efforts through assessments, citizen training, and implementation grants. This appropriation is available until June 30, 2008, at which time the project must be completed and final products delivered, unless an earlier date is specified in the work program.

II. & III. Final Project Summary :

When this project was started in 2005 the MPCA only had surface water assessment for 14% of Minnesota's lakes and 8% of its streams. As we end this project in 2008

the numbers have slowly climbed to 18% of lakes and 14% of streams. This increase in numbers would not be possible without citizen monitors. Citizen volunteers have been important contributors to understanding the quality of Minnesota's surface waters. Through their work they have been able to gather data from lakes and rivers that state organizations, because of limited funding and staff, cannot monitor. Minnesota Waters worked on Result 3 which is part of the continuation proposal: Accelerating and Enhancing Surface Water Monitoring. Minnesota Waters expanded the ability of individuals and organizations to collect useable data by developing and implementing training programs for citizen monitors and their leaders. Minnesota Waters believes that the best way to promote responsible stewardship of our water resources is by engaging citizens, local and state policymakers, and other partners in the protection and restoration of Minnesota's lakes and rivers. Through various training programs we have helped citizen volunteers follow a data pathway from collecting the data, transforming the data to information, and finally to water quality protection / restoration action. As part of our mission the programs that were offered included:

- ≈ Freshwater Mussel Monitoring
- ≈ Putting Green
- ≈ Design Your Monitoring Plan
- ≈ Stream Health Evaluation Program (Benthic macroinvertebrate monitoring)
- ≈ Monitoring Data Assessment / Interpretation
- ≈ Monitoring Rivers and Lakes for Road Salt
- ≈ Lake Sampling Skills Training
- ≈ Stream Sampling Skills Training
- ≈ Aquatic Plant Identification

The 22 workshops produced:

- ≈ 405 monitoring volunteers (from 56 citizen groups) that drafted;
- ≈ 16 monitoring plans and are active on;
- ≈ 240 lakes and;
- ≈ 52 streams

Minnesota Waters is proud to have achieved and surpassed the LCCMR 2005 grant goals of serving 50 citizen groups and 12 monitoring plans.

IV. OUTLINE OF PROJECT RESULTS:

Result 3: Continued enhancement of the ability of volunteer citizen groups to collect water quality data that will be useful for local water management and/or state water quality assessment.

Description: There is a need to provide volunteer monitors with a framework and training which aligns monitoring methods and data management with the intended information use. Building upon the FY04-05 LCCMR project, training for additional volunteer groups was offered on how to: design a monitoring plan, collect water-quality monitoring data that is useable for its intended purpose (local and/or state level water quality management), and interpret and communicate this information:

- ◆ Minnesota Waters (formed from a merger of the Minnesota Lakes Association-MLA and Rivers Council of Minnesota-RCM) conducted trainings for lake and

stream volunteers that included: developing a final workbook, website, and CD ROM of training materials; assessing training needs, organizing citizen monitoring programs, evaluation of all pilot groups, and completing development of a monitoring plan for each volunteer group. It was expected that two trainings for 12 groups would be held during the biennium, producing up to 12 localized monitoring plans. This goal was reached and surpassed.

- ♦ It was expected that up to 8 training workshops would be developed to provide specific instruction based on the identified training needs of volunteers. These trainings include chemical, physical, and biological monitoring, data analysis and interpretation, data reporting and communication, and volunteer recruitment by MLA and RCM. Additional training and resources would be provided at the 2006 Monitoring Congress held in conjunction with the Lake and Rivers Conference and through continuation of a volunteer monitoring newsletter. This goal was reached and surpassed.

In an effort to engage more citizens in active water management, the following outcomes were expected: up to 12 localized monitoring plans, implementation of these plans and final reports on each, data, online or cd-rom version of training materials available to the public, newsletters, and the Conference – a forum for groups interested and involved with water management decisions on lakes and rivers. In addition, an increase in trained volunteers in Minnesota would be achieved through the skills training workshops covering a variety of monitoring and data management topics. Up to 50 groups would be trained. Over 3,800 citizens reached through regular newsletter publications. All these goals were met and most cases surpassed the original proposal.

Project Milestones:

July – Dec 2005	Development of a CD and on-line monitoring plan training program and finalized workbook product.
Sept – Dec 2005	Development and implementation of 2 skills building trainings for Menagha Conservation Club; Production of Minnesota Water Watchers Newsletter.
Jan – April 2006	Development and implementation of 1 monitoring plan training that served 6 monitoring groups; 2 skills training for stream and lake monitoring; Production of Minnesota Water Watchers Newsletter.
May– Sept 2006	Development and implementation of 3 skills building trainings for 15 volunteer monitoring groups; Organization and execution of Monitoring Congress held in conjunction with the Lakes/River Conference (Sept 06).
Sept – Dec 2006	Development and implementation of 2 skills building trainings for 10 volunteer monitoring groups. Monitoring Plan workshops held for 6 groups.
Jan – April 2007	Three skill building workshops were implemented that served over 20 monitoring groups.
May – Sept 2007	Development and implementation of 3 skills building trainings that served over 10 volunteer monitoring groups.

Sept –Dec 2007	Development and implementation of Data Assessment workshop in Red River Basin. Macroinvertebrate skill workshop developed and implemented.
Jan – Jun 2008	Development and printing of Citizen's Guide to Using Data. Development and implementation of 2 skills workshop for spring 2008.

Summary Budget Information for Result 3:	LCMR Budget	\$ 250,000
	Balance	\$ 1295.69

All the objectives of the 2005 LCCMR grant proposal was met during the grant period. The amount of \$1295.69 was not spent during the duration of this grant.

Completion Date: June 30, 2008

Result Status as of (June 30,2008):

Monitoring Skills Training (Expand/Enhance) Programs

Rivers Council of Minnesota completed their first skills training on August 11-12, 2005 in Wadena County along the Shell River. RCM facilitated the development of the first citizen mussel monitoring program in Minnesota. Over 30 people attended the methods discussion and training. This training was a direct result of a need articulated in the Wadena County's citizen monitoring plan.

Our staff continued to follow-up with groups that attended the May 2005 Introduction to Macroinvertebrate Training. Assistance was provided to groups especially about their biological monitoring programs. Minnesota Waters worked closely with the Scott County Soil and Water Conservation District (attendee at the 05 workshop) and the Scott County Watershed Management Organization to increase efficiency and effectiveness of their program.

On April 20, 2006 a lake monitoring workshop was held for the Meeker Coalition of Lake Association at the Family Service Center in Litchfield, MN. There were nine participants representing seven organizations. On April 29, an on-the-water lake and stream-monitoring workshop was held for the Nokasippi Watershed Team. There were six team members present. A special lake sampling workshop was held May 27 on Clark Lake for the Clark Lake Conservation Association in Crow Wing County. There were five participants present. As a result of these three workshops seventeen sites on fifteen lakes and fifteen sites on five streams were monitored. A lake sampling workshop was held May 12 in Duluth for the new Cook County Water Planner, who in turn trained seventeen citizen lake monitors, resulting in seventeen lakes being monitored.

In August 2006, a two-day workshop was held to introduce the pilot program "Stream Health Evaluation Project" centered on macroinvertebrate monitoring. Thirty people attended the training. As part of our technical support, macroinvertebrate identification skills trainings were held for each team in late fall 2006. The Stream Health Evaluation Project continued into October with each of the three teams sampling three sites. Minnesota Waters provided onsite field assistance with each team. A QA/QC check was performed by Minnesota Waters staff on 100% of the

identified samples. The groups' average identification accuracy for the project as a whole was 98% correct, an impressive score!

In summer and fall 2006, MW provided a skills training and monitoring plan development support to Putting Green, a nonprofit school-based program in New Ulm, MN. Seven leaders attended the training and used the training to leverage further involvement with community member from the wastewater treatment plant, high school, and 3M. Practice sampling started, with a full sampling scheduling in beginning in the spring of 2007.

In January and February of 2007, Minnesota Waters provided Data assessment skills trainings for each Stream Health Evaluation Program team to help them interpret the overall numbers and the multi-metric indices. Minnesota Waters staff also worked closely team leaders and members in evaluating and preparing presentations to be given in the watershed.

Four skills building trainings were conducted in the spring 2007. In April, 30 citizens completed a Road Salt monitoring training that focused on chlorides and conductivity. Each participant completed an action plan that mapped-out their sites and intended schedule for future monitoring. In May, 17 participants representing 13 lakes associations or watershed groups completed Minnesota Waters' Lake Data Assessment training, in partnership with the MPCA. Training focused on lake assessment, excel use, graphing data, and interpretation of results as compared to water quality standards and ecoregion expectations.

Fifteen citizens from 14 organizations (lake associations, watershed groups, and school) participated in an Aquatic Plant monitoring workshop. They learned how to identify both native and invasive (exotic) aquatic plants and the best strategies for monitoring. This resulted in 14 lakes having citizen-based aquatic plant monitoring. The Baudette schools were provided monitoring plan assistance and stream sampling training in the spring 2007. This resulted in six sampling sites in the Rainy River Basin.

Three skills building trainings were conducted from October 2007 to March 2008. In October, 27 citizens completed 2 macroinvertebrate monitoring training that focused on processing macroinvertebrate samples and accurate identification to Family level. Stream Health Evaluation Project (SHEP) 2007 season was completed in December of 2007 with an evaluation report that reflected on successes and areas of improvement for the program. The citizen volunteers demonstrated great proficiency in macroinvertebrate identification with a 96% accuracy of identification. Local and state partnership, especially for data use, will continue to be key for the success of this program

In December, 26 participants representing citizen monitoring groups and water resource professionals completed Minnesota Waters' Data Assessment training, in partnership with the MPCA and Red River Water Management Board. Training focused on data assessment, data gathering, monitoring network opportunities, and interpretation of results as compared to water quality standards and ecoregion expectations.

Two Aquatic Plant Identification workshops were held May 20 & 21, 2008. Over 26 participants learned how to identify both native and invasive (exotic) aquatic plants and the best strategies for monitoring their lakes.

Monitoring Plan Program

In 2005 RCM, MLA, and River Network (RN) began the process of turning the pilot Design Your Monitoring Plan training program into a full-fledged program offering. This included having program participants help review the program, revising and updating chapters, and developing formats that are easier to use (both for people participating in the training and for those who may not attend the training). The follow-up interviews with the pilot monitoring plan workshop participants helped evaluate and strengthen the program.

In November 2005, 30 applications were received for the Monitoring Plan trainings in 2006. Six groups were selected to participate in the January workshop which ran on the 13, 14 and 27th at the Koinonia Retreat Center in South Haven, Minnesota. Twenty-five citizen monitoring leaders attended this workshop series. The selected groups shared a recognized need for citizen involvement in management of our water resources, and a desire to ensure data collected by citizen volunteer groups is fully used for its intended purpose.

Groups participating in this round include: Crow River Organization of Water (CROW), Granite Lake Watershed Association, Koronis Lake Association, Nokasippi River Watershed Team, Scott County Partners (Water Mgt Org, SWCD, and Friends of Minnesota Valley), and Winona County (Planning and Zoning and University).

In February 2006, the "Design Your Monitoring Plan" On-line download of monitoring plan materials was released. In the first three weeks over 100 people registered on the site and downloaded the materials. A CD-ROM, containing the "Design Your Monitoring Plan manual and worksheets, was also made available starting in the spring 2006. The website to download materials or order the CD is: <http://www.riversmn.org/monplan/>

Twenty-two participants representing nine groups attended the shortened version of the monitoring plan workshop, March 24, 2006, at the Stearns County Historical Center in St. Cloud. Follow-up surveys were conducted with participants to enhance their monitoring efforts and to identify and offer assistance in problem areas. Participants reported monitoring 8 sites on 8 lakes and 15 sites on 10 streams.

In addition The "Design Your Monitoring Plan" workbook was updated for the upcoming session and new CDs produced to reflected updated worksheets and manuals.

All six draft-monitoring plans developed in the January 2006 "Design Your Monitoring Plan" workshop were finalized and implementation funds distributed (though another funding source). This has resulted in 98 stream sampling sites on 64 streams and 31 lake sampling sites on 19 lakes. Minnesota Waters continues to work closely with these groups to implement or enhance their monitoring programs. A second "Design Your Monitoring Plan" workshop was held September 22-23 and October 6 at Deep Portage Conservation Reserve near Hackensack, Minnesota. Twenty participants representing six groups from throughout Minnesota attended the workshop. Five groups have submitted draft plans and one plan has been finalized and approved. MW is providing follow-up technical support with remaining groups

Of the six groups participating in the second "Design Your Monitoring Plan" training program, five groups completed the program. Implementation funds were distributed through another funding source. One group dropped out of the program due to their unforeseen personnel and workload issues. Another group used their monitoring plan training to guide their Clean Water Legacy spring sampling season.

Plan participants had positive comments about the program; one said, "I needed this to help me re-think why I am monitoring and to make better use of our limited time." Another said, "Your resources and manual are fantastic, we couldn't find this comprehensive program anywhere else." This round of monitoring plan work resulted in sixty-three (63) stream sampling sites and thirty-three (33) lakes sampling sites for citizen volunteer monitors.

Outreach and Communication

In 2006 two newsletters were produced and distributed. These newsletters contained detailed information on common water quality parameters, volunteer trainings, local events, and information on other monitoring groups across the state. These spring and summer newsletter editions were each sent to 3,500 citizens.

Two editions of the Minnesota Waters newsletter were released (spring and fall 2007), each being distributed to around 3,600 citizens. The spring 2007 edition included a special 8-page section on citizen water quality monitoring. Spring 2007 articles included citizen monitoring case study and success stories on the Nokasippi Watershed Association, Wadena SWCD and Menagha Conservation club, and Granite Lakes Association. The edition also provided information on the spring monitoring workshops, new resources, technical tips on the Trophic State Index, Safety Tips for monitoring, and updates on the MPCA's state assessment program that includes transparency tubes. This newsletter was also provided at all spring and summer training sessions and when providing contracts/technical support to citizen monitors. The fall 2007 featured 2 full pages on citizen monitoring, including a case study on the Lake Hallet Association's monitoring program, results of our spring 2007 training season, and important tips for lake monitoring. The newsletter also introduced the the upcoming 2008 conference and the 2007 Citizen monitoring program of year award winner.

A winter edition of the Minnesota Waters newsletter was released in February 2008 and distributed to over 3,000 citizens. The winter 2008 edition included a special 6-page section on citizen water quality monitoring. Winter 2008 articles included grassroots group case studies and success stories of citizen monitors that are concerned with aquatic invasive species and shoreland regulations. The edition also provided information on the SHEP program, new resources, technical tips on the water quality assessment process & TMDL, the riparian renaissance project, and updates on watershed initiatives in the Minnehaha Creek Watershed District.

A spring edition of the Minnesota Waters newsletter was released May 2008 to over 3,500 monitors. This edition of the newsletter contained important information on such issues such as Aquatic Invasive Species, water clarity information, monitoring workshop opportunities, as well as highlighting successful water quality monitoring groups across the state. Minnesota Waters has seen this newsletter play an important role in building a sustainable community of citizen water quality monitors.

Minnesota Waters provided general communication support and monitoring information for local lake associations' and river groups' newsletters on our website www.minnesotawaters.org. This website also is kept current with opportunities for informational workshops on monitoring, organizational capacity building, data assessment, as well as issue specific meetings. This website also provides a format for lake and river organizations to display their websites and recruit members. Information sheets as well as workshop materials are available for free download

from our website. In addition to our other extensive communication outreach the Minnesota Waters electronic newsletter the Confluence is emailed monthly to over 3,800 constituents.

Lakes and River Conference

The 2006 Lakes and Rivers Conference was held in Duluth from September 9-11th. Over these three days, 533 people attended the “first” Minnesota Waters conference. The overall evaluations for the conference were very positive; 90% rated the conference very good to excellent and 80% stated that the conference increased their knowledge of water issues or healthy organization topics and they gained resources or tools to put into action on specific water issues.

The citizen monitoring track presented 14 speakers in seven sessions. Topics such as designing a monitoring plan and macroinvertebrate monitoring were presented. Session topics included, Getting started in Monitoring design, Sampling 101, E. coli – the new standards, Macroinvertebrate monitoring, Data Assessment, Citizen examples of monitoring Up North, and a round table discussion called Office Hours. Each session averaged approximately 30 people (with the largest monitoring session having over 50 people in attendance!) and the evaluations were very positive:

- *Great presentations. They were concise and covered the topics at a perfect level of detail.*
- *I really enjoyed the talk; fun to learn new things and experiment with*
- *Excellent summary of assessment procedures and standards establishment*

On Day 3 of the conference, the citizen monitoring track included a field trip to area monitoring sites that were a part of the St. Louis River Watch program. Program Director Courtney Kowalczak led the tour and presented data collection techniques on water chemistry and macroinvertebrates. The participants were given the opportunity to get into the stream and collect data themselves and discuss how they could implement programs in their watersheds.

Final Report Summary: June 30, 2008

V. TOTAL LCMR PROJECT BUDGET:

Result 3: Personnel: \$127,460 (1.88 FTE x 2 years divided among 5 trainers and support staff. See Appendix A for details). \$57.82 was not spent in the salary section of this budget.

Result 3: Contract: \$85,610 (\$9,560 RN plus \$76,050 Contract Work for skills trainings and web/CD/workbook design. See Appendix A for details).

Result 3: Direct Operating Costs: \$8,508.35 (\$6594.51 Training supplies, facility rental, and \$1913.84 telephone. See appendix A for details).

Result 3: Printing: \$19,805.49 (monitoring congress registration form, newsletters, training workbooks/CDs. See Appendix A for details). \$735.18 was unspent in the printing category because of savings in the printing costs.

Result 3: Travel: \$7,500 (See Appendix A for details). \$502.69 was saved in travel due to careful economies by staff.

Result 3: Equipment: \$1116.16 (Monitoring equipment for training. See Appendix A for details)

TOTAL LCMR PROJECT RESULT 3 BUDGET: \$ 250,000

VI. OTHER FUNDS & PARTNERS:

A. Project Partners: Minnesota Waters is a newly merged organization (effective January 1, 2006) consisting of current project partners Rivers Council of Minnesota (RCM) and Minnesota Lakes Association (MLA). Minnesota Pollution Control Agency (MPCA) is a cooperating partner and the overall proposal project manager.

B. Other Funds being Spent during the Project Period: Minnesota Waters is actively working to raise \$45,000 to accompany the project – including support funds and implementing a small grants program for groups that complete the training.

C. Required Match (if applicable): N/A

D. Past Spending: LCMR 2003-2005 project, RCM spending includes \$137,375 and MLA spending includes \$112,625.

E. Time: This project is extended to June 30, 2008 (per 08/07 approval from Pam Anderson, MPCA) to reflect normal monitoring seasons and the training that accompanies them.

VII. DISSEMINATION: Project brochures, application, and evaluations will be disseminated through web access (www.minnesotawaters.org), electronic newsletters (The Confluence), and other mediums. Project participants will receive training products in-person at workshops.

VIII. REPORTING REQUIREMENTS: Periodic work program progress reports will be submitted no later than: November 30, 2005; March 30, 2006; September 30, 2006; March 30, 2007; September 30, 2007; March 30, 2008. A final work program report and associated products will be submitted by September 30, 2008.

Reimbursement Request – Invoice Summary Spreadsheet - Minnesota Waters

Instructions:

1. Enter your budget from your current approved work program (Attachment A)
2. Update the beginning balances with the ending balance from your previous Invoice Summary Spreadsheet.
3. Insert the amounts of your current invoice by category and provide the total.
4. Calculate the ending balances for this invoice.
5. Attach copies of invoices, checks and time cards.
6. Fill out and submit the Reimbursement Request Form
7. Send completed documentation to the authorized state contact person.

Project Title: Accelerating and Enhancing Surface Water Monitoring Result 3 - Continuation

Legal Citation: Laws of MN 2005, First Special Session, Chap. 1, Art 2, Sec.11, Subd.7b.

Budget for Results from Work Program: Result 3: Continued enhancement of the ability of volunteer citizen groups to collect water quality data that will be useful for local water management and/or state water quality assessment.

Budget Item	Result 3 Project Total					
	Budget	Amended Budget 6/30/08	Expended Previous	Current Invoice 6/30/08	Balance 6/30/08	Total
¹ PERSONNEL: Staff wages, salaries, benefits	\$127,460.00	\$126,153.39	\$123,665.57	\$2,430.00	\$57.82	\$126,153.39
CONTRACTS: Professional/ Technical contracts (Contracting with River Network)	\$9,560.00	\$9,560.00	\$9,560.00		\$0.00	\$9,560.00
² CONTRACTS: Professional/ Technical contracts (Contracting with Sandra Holm; other contracts for skills trainings and mon plan)	\$76,050.00	\$76,173.11	\$65,898.11	\$10,275.00	\$0.00	\$76,173.11
³ MEETING EXPENSES & FACILITY COSTS: Other direct operating costs Monitoring Plan, Skills Trainings Meeting Expenses	\$6,594.51	\$7,620.51	\$6,594.51	\$1,026.00	\$0.00	\$7,620.51
⁴ TELEPHONE: Other direct operating costs Telephone conf calls	\$1,913.84	\$2,071.34	\$1,913.84	\$157.50	\$0.00	\$2,071.34
PRINTING: Monitoring Congress, Newsletter, Monitoring Plan Training, Skills Trainings	\$19,805.49	\$19,805.49	\$15,018.31	\$4,052.00	\$735.18	\$19,805.49
TRAVEL: expenses in Minnesota	\$7,500.00	\$7,500.00	\$6,477.14	\$520.17	\$502.69	\$7,500.00
OTHER (activity/cost): Capital Expense: Monitoring Training Equipment	\$1,116.16	\$1,116.16	\$1,116.16		\$0.00	\$1,116.16
Column Total	\$250,000.00	\$250,000.00	\$230,243.64	\$18,460.67	\$1,295.69	\$250,000.00

Footnotes on amended budget

*1- A total of \$1306.61 was moved from the **SALARY** budget item to the **CONTRACTS**, **MEETING EXPENSES**, and **TELEPHONE** budget items. Discussed 6/4/08 with Susan Thornton; amended 6/30/08.

*2- A total of \$123.11 was added to the **CONTRACTS** budget item to cover the additional contractor costs for the design and writing of the **A Citizen's Guide to Using Monitorig Data**. Discussed 6/4/08 with Susan Thornton; amended 6/30/08.

*3 A total of \$1026.00 was added to the **MEETING EXPENSES & FACILITY COSTS** budget item to cover the venue and the cost of **A Field Guide to Identification of Minnesota Aquatic Plants** for the Aquatic Plant Identification Workshops held May 20th & May 21st, 2008 Discussed 6/4/08 with Susan Thornton; amended 6/30/08.

*4 A total of \$157.50 was added to the **TELEPHONE** budget item to cover the conference calls that were used to plan the booklet, A Citizen's Guide to Using Monitorig Data and the spring Aquatic Plant Identification Workshops. Discussed 6/4/08 with Susan Thornton; amended 6/30/08.