

Bassett Creek WMO  
 7800 Golden Valley Road  
 Golden Valley, MN 55427

Page # 1  
 Invoice # 2327051-2009-4  
 Project # 23/27-051  
 Client # 59  
 June 5, 2009

Invoice of Account with  
**BARR ENGINEERING COMPANY**

For professional services during the period of  
 May 2, 2009 through May 29, 2009

**ENGINEERING**

TECHNICAL SERVICES

Calls/emails to or from the Commissioners, watershed communities, developers in the watershed, Minneapolis Park and Recreation Board, Mississippi Watershed Management Organization, Minnesota Department of Transportation, Hennepin County, Minnesota Board of Water and Soil Resources, Metropolitan Council, Minnesota Pollution Control Agency, Corps of Engineers and interested citizens; prepared revised 2010 BCWMC budget and memorandum; correspondence with Chair Welch regarding county hearing on minor plan amendment.

James P. Herbert, Principal Engineer/Scientist		
2.5 hours @ \$140.00 per hour .....	\$	350.00
Leonard J. Kremer, Principal Engineer/Scientist		
3.5 hours @ \$155.00 per hour .....	\$	452.50
Karen L. Chandler, Senior Consultant		
4.3 hours @ \$140.00 per hour .....	\$	602.00
Technicians/Administrative .....	\$	<u>400.00</u>
Subtotal, Technical Services .....	\$	1,894.50

PRELIMINARY SITE REVIEW/CORRESPONDENCE

Telephone conversations regarding proposed developments; provided watershed hydraulic information, flood profiles and BCWMC development requirements to applicants; telephone and email communication with CenterPoint Energy and Golden Valley staff regarding proposed utility crossing; reviewed proposed utility crossing of Bassett Creek at Hampshire Avenue and prepared recommendations; telephone conversation with Sunde Engineering regarding proposed project; telephone conversation with New Hope resident regarding landscape plan; correspondence with BKBM regarding proposed site in Minneapolis; telephone and email communication with Xcel Energy and Golden Valley staff regarding proposed utility project;

James P. Herbert, Principal Engineer/Scientist		
6.7 hours @ \$140.00 per hour .....	\$	938.00

Leonard J. Kremer, Principal Engineer/Scientist  
 2.0 hours @ \$155.00 per hour ..... \$ 310.00

Subtotal, Preliminary Site/Corr ..... \$ 1,248.00

MONTHLY MEETING PREPARATION

Preparation of monthly memorandums for BCWMC meeting; reviewed draft BCWMC meeting minutes, agenda and packet materials and discussed comments with Bassett Creek Recording Administrator; conference call with BCWMC Chair regarding meeting agenda; communications with Bassett Creek Recording Administrator; internal meetings regarding agenda, to-do list, meeting packet, minor plan amendment and Bassett Creek TMDL; prepared permit figures; prepared email to Hennepin County regarding public process for Plymouth Creek project; internal meetings to discuss May 21 Commission meeting agenda, meeting memo(s) and agenda improvements, project website.

James P. Herbert, Principal Engineer/Scientist  
 8.2 hours @ \$140.00 per hour ..... \$ 1,148.00

Karen L. Chandler, Senior Consultant  
 7.7 hours @ \$140.00 per hour ..... \$ 1,078.00

Michael B. Strong, Engineer/Scientist  
 0.4 hours @ \$65.00 per hour ..... \$ 26.00

Subtotal, Monthly Memorandums ..... \$ 2,252.00

TAC MEETING PREPARATION

Prepared draft meeting memorandum from May TAC meeting.

Leonard J. Kremer, Principal Engineer/Scientist  
 3.0 hours @ \$155.00 per hour ..... \$ 465.00

Karen L. Chandler, Senior Consultant  
 0.6 hours @ \$140.00 per hour ..... \$ 84.00

Subtotal, TAC Meeting ..... \$ 549.00

**Subtotal Technical Services ..... \$ 5,943.50**

PLAT REVIEW Note: Projects in **Bold** have provided review fees to offset review costs. Projects not in Bold are either in a preliminary stage or were submitted prior to implementation of the fee schedule.

CSAH 73/Frontage Rd. Reconstruction

Erosion control inspection.

Technicians/Administrative ..... \$ 96.00

Subtotal, CSAH 73/Frontage Rd. Reconstruction ..... \$ 96.00

**Toll Gas & Welding Imp.**

Erosion control inspection.

Technicians/Administrative ..... \$ 96.00

Subtotal, Toll Gas & Welding Imp ..... \$ 96.00

**West Lutheran School**

Erosion control inspection.

Technicians/Administrative ..... \$ 96.00

Subtotal, West Lutheran School ..... \$ 96.00

**Timber Creek**

Erosion control inspection.

Technicians/Administrative ..... \$ 80.00

Subtotal, Timber Creek ..... \$ 80.00

**9209 40-1/2 Avenue North**

Correspondence with New Hope staff; reviewed status of variance request and proposed applicant and city mitigation plan.

James P. Herbert, Principal Engineer/Scientist  
0.5 hours @ \$140.00 per hour ..... \$ 70.00

Subtotal, 9209 40 ½ Avenue North ..... \$ 70.00

**Center Point Energy: Utility Crossing @ Regent Ave**

Erosion control inspection.

Technicians/Administrative ..... \$ 96.00

Subtotal, Center Point Energy: Utility Crossing ..... \$ 96.00

**Crystal Cub Foods Fueling Ctr**

Erosion control inspection.

Technicians/Administrative ..... \$ 96.00

Subtotal, Crystal Cub Foods Fueling Ctr ..... \$ 96.00

**Mtka St Rehab-Sherwood Forest Neighborhood**

Several telephone conversations and email correspondence with city staff and its consultant; reviewed final street rehabilitation drawings; prepared letter of approval to City of Minnetonka.

James P. Herbert, Principal Engineer/Scientist  
5.9 hours @ \$140.00 per hour ..... \$ 826.00  
Subtotal, Mtka St Rehab-Sherwood Forest Neighborhood ..... \$ 826.00

**26<sup>th</sup> Ave/Plymouth Creek Culvert Replacement**

Several telephone conversations and email correspondence with city staff and its consultant; reviewed culvert crossing drawings and hydraulic impacts; reviewed RAS hydraulic model; reviewed erosion protection features; reviewed revised culvert replacement drawings; prepared memorandum to the BCWMC.

James P. Herbert, Principal Engineer/Scientist  
5.6 hours @ \$140.00 per hour ..... \$ 784.00  
Rita A. Weaver, Senior Engineer/Scientist  
2.0 hours @ \$95.00 per hour ..... \$ 190.00  
Subtotal, 26<sup>th</sup> Ave/Plymouth Creek Culvert Replacement ..... \$ 974.00

**Plymouth Middle School**

Several telephone conversations and email correspondence with applicant and city staff; preliminary review of application and drawings.

James P. Herbert, Principal Engineer/Scientist  
2.0 hours @ \$140.00 per hour ..... \$ 280.00  
Subtotal, Plymouth Middle School ..... \$ 280.00

**Laurel Hills Condo**

Several telephone conversations and email correspondence with applicant and city staff; preliminary review of application and drawings.

James P. Herbert, Principal Engineer/Scientist  
1.5 hours @ \$140.00 per hour ..... \$ 210.00  
Subtotal, Laurel Hills Condo ..... \$ 210.00

**Subtotal Plat Review ..... \$ 2,920.00**

**COMMISSION MEETINGS**

Attended May 21, 2009 BCWMC meeting and May TAC meeting.

Leonard J. Kremer, Principal Engineer/Scientist  
8.0 hours @ \$155.00 per hour ..... \$ 1,240.00

Gregory J. Wilson, Senior Consultant	
3.3 hours @ \$135.00 per hour .....	\$ 445.50
Expenses (mileage) .....	\$ 48.40
Subtotal, Commission Meetings .....	\$ 1,733.90

SURVEYS AND STUDIES

Coordinated Wirth Lake outlet structure survey; performed Wirth Lake outlet structure survey and obtained pictures along Bassett Creek from Highway 55 to Penn Ave; reviewed and plotted survey data; created location map for 2009 BCWMC tour; coordination with city staff regarding proposed stops and access; prepared draft tour map and tour description; prepared tour itinerary/handout and photos; prepared draft tour invitation and coordinated with Bassett Creek Recording Administrator.

James P. Herbert, Principal Engineer/Scientist	
2.5 hours @ \$140.00 per hour .....	\$ 350.00
Karen L. Chandler, Senior Consultant	
20.1 hours @ \$140.00 per hour .....	\$ 2,814.00
Jeffrey T. Lee, Senior Consultant	
0.3 hours @ \$130.00 per hour .....	\$ 39.00
Sarah M. Stratton, Senior Consultant	
1.5 hours @ \$115.00 per hour .....	\$ 172.50
Katherine Wenigmann, Engineer/Scientist	
8.8 hours @ \$85.00 per hour .....	\$ 748.00
Amy Meulebroeck, Engineer/Scientist	
2.7 hours @ \$65.00 per hour .....	\$ 175.50
Michael B. Strong, Engineer/Scientist	
2.7 hours @ \$65.00 per hour .....	\$ 175.50
Technicians/Administrative .....	\$ 1,207.00
Expenses (mileage/materials/equipment) .....	\$ 75.80
Subtotal, Surveys and Studies .....	\$ 5,757.30

WATER QUALITY MONITORING

Coordination with Three Rivers Park District (TRPD) regarding sampling of Northwood Lake, South Rice Lake, Sweeney Lake and Twin Lake; telephone conversation with MN/DNR staff regarding anthraquinone use at lakes as a goose repellent.

Margaret Rattei, Senior Consultant	
0.5 hours @ \$110.00 per hour .....	\$ 55.00
Subtotal, Water Quality Monitoring .....	\$ 55.00

WATER QUANTITY

Measured and reviewed lake level elevations as part of the lake-gauging program.

Technicians/Administrative .....	\$ 584.00
Expenses (mileage) .....	\$ <u>1.10</u>
Subtotal, Water Quantity .....	\$ 585.10

WATERSHED INSPECTION

Reviewed inspection report and prepare letter regarding erosion control inspection and improvements required for effective erosion control; communication with St. Louis Park and Minneapolis staff regarding inspection comments.

James P. Herbert, Principal Engineer/Scientist 2.5 hours @ \$140.00 per hour .....	\$ 350.00
Technicians/Administrative .....	\$ 469.50
Expenses (Equipment/Mileage) .....	\$ <u>201.00</u>
Subtotal, Watershed Inspection .....	\$ 1,020.50

**TOTAL ENGINEERING .....** \$ **18,015.30**

**SECRETARIAL SERVICES**

SECRETARIAL SERVICES EXPENSES

Administrative expenses requested by Amy Herbert including: copies, color copies for meeting packet; postage, video digital capture/conversion and BCWMC meeting catering; packet assembly.

Expenses (B&W/color copies/InterCall Raindance) .....	\$ 258.46
Catering (BCWMC meeting date) .....	\$ <u>-0-</u>
<b>TOTAL SECRETARIAL SERVICES EXPENSES .....</b>	<b>\$ 258.46</b>

**PUBLIC RELATIONS**

PUBLIC RELATIONS/ANNUAL REPORT

Coordination with Amy and preparation of executive summary; report text and appendices for 2008 annual report; coordination with MPRB regarding 2009 WOMP station.

Karen L. Chandler, Senior Consultant		
2.6 hours @ \$140.00 per hour .....	\$	364.00
Alicia M. Duncan, Communication Specialist		
7.6 hours @ \$85.00 per hour .....	\$	646.00
Subtotal, Public Relations/Annual Report .....	\$	1,010.00
<b>TOTAL PUBLIC RELATIONS .....</b>	<b>\$</b>	<b>1,010.00</b>

**CAPITAL IMPROVEMENT PROJECTS**

RESOURCE MANAGEMENT PLAN (RMP)

Prepared final RMP document and provided to the Corps of Engineers for review.

Jeffrey T. Lee, Senior Consultant		
0.3 hours @ \$130.00 per hour .....	\$	39.00
Genesis M. Humphrey, Senior Engineer/Scientist		
0.2 hours @ \$90.00 per hour .....	\$	18.00
Jeffrey D. Weiss, Senior Engineer/Scientist		
1.0 hours @ \$95.00 per hour .....	\$	95.00
Expenses (Color copies) .....	\$	75.00
Subconsultant (Pitney Bowes Mgmt) .....	\$	8.47
Subtotal, Resource Management Plan .....	\$	235.47
<b>TOTAL CAPITAL IMPROVEMENT PROJECTS .....</b>	<b>\$</b>	<b>235.47</b>

**TMDL STUDIES**

MEDICINE LAKE TMDL

Coordination regarding Medicine Lake TMDL; prepared questions for stakeholder conference call and participated in stakeholder conference call.

Leonard J. Kremer, Principal Engineer		
9.8 hours @ \$155.00 per hour .....	\$	1,519.00

Gregory J. Wilson, Senior Consultant  
 3.0 hours @ \$135.00 per hour ..... \$ 405.00  
 Expenses (mileage) ..... \$ 18.70  
 Subtotal, Medicine Lake TMDL ..... \$ 1,942.70

SWEENEY LAKE TMDL

Coordination regarding Sweeney Lake TMDL.

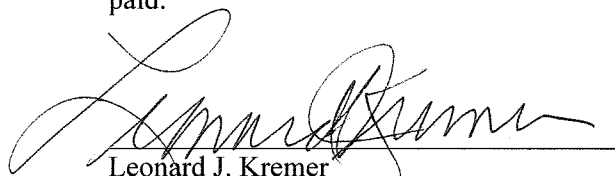
Leonard J. Kremer, Principal Engineer  
 1.0 hours @ \$155.00 per hour ..... \$ 155.00  
 Subtotal, Sweeney Lake TMDL ..... \$ 155.00

**TOTAL TMDL STUDIES ..... \$ 2,097.70**

**SUMMARY TOTALS**

**Total Engineering ..... \$ 18,015.30**  
**Total Secretarial Services Expenses ..... \$ 258.46**  
**Total Public Relations ..... \$ 1,010.00**  
**Total Capital Improvement Projects ..... \$ 235.47**  
**Total TMDL Studies ..... \$ 2,097.70**  
**TOTAL PAYABLE ..... \$ 21,616.93**

Barr declares under the penalties of law  
 that this account, claim or demand  
 is just and that no part of it has been  
 paid.

  
 Leonard J. Kremer