



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

Page # 1
 Invoice # 2327051-2009-7
 Project # 23/27-051
 Client # 59
 September 4, 2009

Invoice of Account with
 BARR ENGINEERING COMPANY

For professional services during the period of
 August 1, 2009 through August 28, 2009

ENGINEERING

TECHNICAL SERVICES

Calls/emails to or from the Commissioners, watershed communities, developers in the watershed, Minneapolis Park and Recreation Board (MPRB), Three Rivers Park District (TRPD), Mississippi Watershed Management Organization, Minnesota Department of Transportation (Mn/DOT), Hennepin County, Minnesota Board of Water and Soil Resources (BWSR), Metropolitan Council Environmental Services (MCES), Minnesota Pollution Control Agency (MPCA), Corps of Engineers and interested citizens; communication with Charlie LeFevere regarding subpoena related to litigation between city of Golden Valley and resident adjacent to Bassett Creek Drive project; reviewed Bassett Creek budgets and 2009 projects fees; coordination with MCES regarding CAMP; correspondence with Joel Settles at Hennepin County regarding new ditch transfer laws; coordinate Bassett Creek document and CD production; telephone conversations with Minnetonka and Golden Valley staff regarding project status, telephone conversation with BWSR staff regarding plan amendment.

James P. Herbert, Principal Engineer/Scientist		
5.0 hours @ \$140.00 per hour	\$	700.00
Leonard J. Kremer, Principal Engineer/Scientist		
5.5 hours @ \$155.00 per hour	\$	852.50
Karen L. Chandler, Senior Consultant		
3.1 hours @ \$140.00 per hour	\$	434.00
Jeffrey T. Lee, Senior Consultant		
1.1 hours @ \$130.00 per hour	\$	143.00
Technicians/Administrative	\$	517.50
Expenses (copies/postage)	\$	18.02
Subtotal, Technical Services	\$	2,665.02

PRELIMINARY SITE REVIEW/CORRESPONDENCE

Telephone conversations regarding proposed developments; provided watershed hydraulic information, flood profiles and BCWMC development requirements to applicants; telephone conversation regarding proposed Metropoint redevelopment in St. Louis Park; coordination with RLK regarding BCWMC development requirements; provided flood elevation for reach of creek in Golden Valley; coordination with Alliant Engineering regarding Plymouth site.

James P. Herbert, Principal Engineer/Scientist
 4.4 hours @ \$140.00 per hour \$ 616.00
 Subtotal, Preliminary Site/Corr \$ 616.00

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 and meeting packet and August 20 meeting; prepared permit figures; reviewed CIP account balance and 2008, 2009, and 2010 levy requests; reviewed resolutions for levy requests to Hennepin County; call to Sue Virnig regarding budget report and her attendance at Commission Meeting;

James P. Herbert, Principal Engineer/Scientist
 12.4 hours @ \$140.00 per hour \$ 1,736.00
 Leonard J. Kremer, Principal Engineer/Scientist
 4.5 hours @ \$155.00 per hour \$ 697.50
 Karen L. Chandler, Senior Consultant
 14.3 hours @ \$140.00 per hour \$ 2,002.00
 Expenses (postage) \$ 0.44
 Subtotal, Monthly Memorandums \$ 4,435.94

CHANNEL MAINTENANCE FUND

Coordination regarding fund.

Leonard J. Kremer, Principal Engineer/Scientist
 0.5 hours @ \$155.00 per hour \$ 77.50
 Subtotal, Channel Maintenance Fund \$ 77.50

Subtotal Technical Services \$ 7,794.46

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.

Crest Ridge Corporate Center

Erosion control inspection.

Technicians/Administrative \$ 64.00
 Subtotal, Crest Ridge Corporate Center \$ 64.00

Lowry Avenue Reconstruction

Erosion control inspection.

Technicians/Administrative	\$	96.00
Subtotal, Lowry Avenue Reconstruction	\$	96.00

Co. Rd. 9 & 61 Erosion Repair

Erosion control inspection.

Technicians/Administrative	\$	88.00
Subtotal, Co. Rd. 9 & 61 Erosion Repair	\$	88.00

Crown Packaging

Erosion control inspection.

Technicians/Administrative	\$	56.00
Subtotal, Crown Packaging	\$	56.00

Hen Co Plymouth Library

Erosion control inspection.

Technicians/Administrative	\$	88.00
Subtotal, Hen Co Plymouth Library	\$	88.00

TH 55 Culvert Crossing

Erosion control inspection.

Technicians/Administrative	\$	64.00
Subtotal, TH 55 Culvert Crossing	\$	64.00

Grainger Parking

Erosion control inspection.

Technicians/Administrative	\$	64.00
Subtotal, Grainger Parking	\$	64.00

Hidden Acres Addition

Erosion control inspection.

Technicians/Administrative	\$ 56.00
Subtotal, Hidden Acres Addition	\$ 56.00

Hennepin Co. Regional Trail – Phase 2

Coordination with Golden Valley staff; reviewed letter of response from TRPD; reviewed inspection photos from Golden Valley staff; prepared comments to Golden Valley and TRPD.

James P. Herbert, Principal Engineer/Scientist 1.5 hours @ \$140.00 per hour	\$ 210.00
Technicians/Administrative	\$ 112.00
Subtotal, Hen Co Regional Trail – Ph 2	\$ 322.00

Jake's Grill

Erosion control inspection.

Technicians/Administrative	\$ 48.00
Subtotal, Jake's Grill	\$ 48.00

Shops of Plymouth Town Center

Erosion control inspection.

Technicians/Administrative	\$ 72.00
Subtotal, Shops of Ply Town Center	\$ 72.00

Mortenson Co. Headquarters

Erosion control inspection.

Technicians/Administrative	\$ 56.00
Subtotal, Mortenson Co. Headquarters	\$ 56.00

Beacon Academy

Erosion control inspection.

Technicians/Administrative	\$ 40.00
Subtotal, Beacon Academy	\$ 40.00

CSAH 73/Frontage Rd. Reconstruction

Erosion control inspection.

Technicians/Administrative	\$	88.00
Subtotal, CSAH 73/Frontage Road Reconstruction	\$	88.00

Toll Gas & Welding Imp.

Erosion control inspection.

Technicians/Administrative	\$	56.00
Subtotal, Toll Gas & Welding Imp	\$	56.00

West Lutheran School

Erosion control inspection.

Technicians/Administrative	\$	72.00
Subtotal, West Lutheran School	\$	72.00

Timber Creek

Erosion control inspection.

Technicians/Administrative	\$	72.00
Subtotal, Timber Creek	\$	72.00

4700 Nathan Lane

Erosion control inspection.

Technicians/Administrative	\$	96.00
Subtotal, 4700 Nathan Lane	\$	96.00

Crystal Cub Foods Fueling Ctr

Erosion control inspection.

Technicians/Administrative	\$	64.00
Subtotal, Crystal Cub Foods Fueling Ctr	\$	64.00

2009 Mtka St Rehab-Sherwood Forest Neighborhood

Erosion control inspection.

Technicians/Administrative	\$	96.00
Subtotal, 2009 Mtka St Rehab-Sherwood Forest Neighborhood	\$	96.00

26th Ave/Plymouth Creek Culvert Replacement

Erosion control inspection.

Technicians/Administrative	\$	80.00
Subtotal, 26 th Ave/Plymouth Creek Culvert Replacement	\$	80.00

Plymouth Middle School

Erosion control inspection.

Technicians/Administrative	\$	64.00
Subtotal, Plymouth Middle School	\$	64.00

Laurel Hills Condo

Correspondence with applicant and Golden Valley staff; reviewed revised grading, drainage and erosion control plan; prepared letter of approval to City of Golden Valley.

James P. Herbert, Principal Engineer/Scientist 2.0 hours @ \$140.00 per hour	\$	280.00
Expenses (postage)	\$	0.44
Subtotal, Laurel Hills Condo	\$	280.44

36th Avenue Reconstruction

Correspondence with city of Plymouth staff; reviewed street improvement plans; prepared letter of recommendation; reviewed revised street improvement plans; prepared letter of approval to City of Plymouth.

James P. Herbert, Principal Engineer/Scientist 5.5 hours @ \$140.00 per hour	\$	770.00
Technicians/Administrative	\$	80.00
Expenses (postage)	\$	0.44
Subtotal, 36 th Avenue Reconstruction	\$	850.44

Subtotal Plat Review	\$	2,932.88
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COMMISSION MEETINGS

Attended August 20, 2009 Commission meeting.

Karen L. Chandler, Senior Consultant		
4.3 hours @ \$140.00 per hour	\$	602.00
Jeffrey T. Lee, Senior Consultant		
2.7 hours @ \$130.00 per hour	\$	<u>351.00</u>
Subtotal, TAC Meeting	\$	953.00

WATER QUALITY MONITORING

Communication with MPCA regarding water quality issues; prepared list of historical water quality studies prepared by the BCWMC and provided to MPCA; provided electronic copies of reports to MPCA.

James P. Herbert, Principal Engineer/Scientist		
4.5 hours @ \$140.00 per hour	\$	<u>630.00</u>
Subtotal, Water Quality Monitoring	\$	630.00

WATER QUANTITY

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

Technicians/Administrative	\$	592.00
Expenses (Mileage, 2WD field vehicle/mileage)	\$	<u>51.10</u>
Subtotal, Water Quantity	\$	643.10

WATERSHED INSPECTION

Performed erosion control inspections of construction sites; prepare letter regarding erosion control inspection and improvements required for effective erosion control.

James P. Herbert, Principal Engineer/Scientist		
1.5 hours @ \$140.00 per hour	\$	210.00
Technicians/Administrative	\$	216.00
Expenses (Equipment/Mileage)	\$	<u>156.00</u>
Subtotal, Watershed Inspection	\$	582.00

TOTAL ENGINEERING \$ **13,535.44**

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; report assembly and prepared CD labels for Bassett Creek Feasibility Study.

Technicians/Administrative	\$	356.00
Expenses (B&W/color copies/binding/postage/Raindance conference call)	\$	430.66
Catering (BCWMC meeting date)	\$	<u>-0-</u>
TOTAL SECRETARIAL SERVICES EXPENSES	\$	786.66

PUBLIC RELATIONS

TOTAL PUBLIC RELATIONS	\$	0.00
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CAPITAL IMPROVEMENT PROJECTS

WEST MEDICINE LAKE PARK POND

Coordination with City of Plymouth.

Leonard J. Kremer, Principal Engineer/Scientist 0.8 hours @ \$155.00 per hour	\$	<u>124.00</u>
Subtotal, W Medicine Lake Pk Pond	\$	124.00

RESOURCE MANAGEMENT PLAN (RMP)

Discussion with Corps regarding status of revised RMP.

Leonard J. Kremer, Principal Engineer/Scientist 0.7 hours @ \$155.00 per hour	\$	<u>108.50</u>
Subtotal, Resource Management Plan	\$	108.50

PLYMOUTH CREEK FEASIBILITY

Prepared Feasibility Study presentation for BCWMC meeting; telephone conversation with Charlie LeFevere regarding project levy hearings and ordering projects.

Karen L. Chandler, Senior Consultant		
0.6 hours @ \$140.00 per hour	\$	84.00
Jeffrey T. Lee, Senior Consultant		
2.1 hours @ \$130.00 per hour	\$	273.00
Technicians/Administrative	\$	<u>19.50</u>
Subtotal, Plymouth Creek Feasibility	\$	376.50

BASSETT CREEK FEASIBILITY STUDY

Coordination with City of Golden Valley staff regarding study; follow-up tasks for Bassett Creek feasibility study including revising study based on comments; prepared Feasibility Study presentation for BCWMC meeting; telephone conversation with Charlie LeFevere regarding project levy hearings and ordering projects.

Leonard J. Kremer, Principal Engineer/Scientist		
1.7 hours @ \$155.00 per hour	\$	263.50
Karen L. Chandler, Senior Consultant		
3.4 hours @ \$140.00 per hour	\$	476.00
Jeffrey T. Lee, Senior Consultant		
3.9 hours @ \$130.00 per hour	\$	507.00
Jeffrey Weiss, Senior Engineer/Scientist		
20.4 hours @ \$95.00 per hour	\$	1,938.00
Technicians/Administrative	\$	<u>225.00</u>
Subtotal, Bassett Creek Feasibility Study	\$	3,409.50

CIRCLE PARK POND (PL-6)

Correspondence with Plymouth staff; reviewed submittal for Circle Park Pond and provided comments to Plymouth staff.

James P. Herbert, Principal Engineer/Scientist		
2.0 hours @ \$140.00 per hour	\$	<u>280.00</u>
Subtotal, Circle Park Pond (PL-6)	\$	280.00

TOTAL CAPITAL IMPROVEMENT PROJECTS \$ **4,298.50**

TMDL STUDIES

MEDICINE LAKE TMDL

Coordination regarding Medicine Lake TMDL ; attended meeting with MPCA to discuss/review P8 Modeling and monitoring data prepared for Plymouth Creek watershed; follow-up discussion/review of P8 Modeling and monitoring data prepared for Plymouth Creek watershed; prepared memorandum and attachments to the BCWMC and provided in the meeting packet.

Leonard J. Kremer, Principal Engineer	
16.1 hours @ \$155.00 per hour	\$ 2,495.50
Karen L. Chandler, Senior Consultant	
1.3 hours @ \$140.00 per hour	\$ 182.00
Gregory J. Wilson, Senior Consultant	
11.5 hours @ \$135.00 per hour	\$ 1,552.50
Expenses (Mileage)	\$ 22.55
Subtotal, Medicine Lake TMDL	\$ 4,252.55

SWEENEY LAKE TMDL

Coordination regarding Sweeney Lake TMDL with SEH, MPCA and BCWMC; reviewed comments provided by Golden Valley staff and Alternate Commissioner Hanson; reviewed draft Sweeney TMDL report and provided summary for BCWMC meeting handouts; telephone conversation with SEH staff regarding comments from August 20, 2009 BCWMC meeting;

Leonard J. Kremer, Principal Engineer	
6.7 hours @ \$155.00 per hour	\$ 1,038.50
Karen L. Chandler, Senior Consultant	
4.9 hours @ \$140.00 per hour	\$ 686.00
Subtotal, Sweeney Lake TMDL	\$ 1,724.50

E-COLI SAMPLING

Communications with MPCA staff; coordination regarding E-Coli sampling; prepared labels and organized sampling bottles, collected e-coli samples and delivered samples to lab.

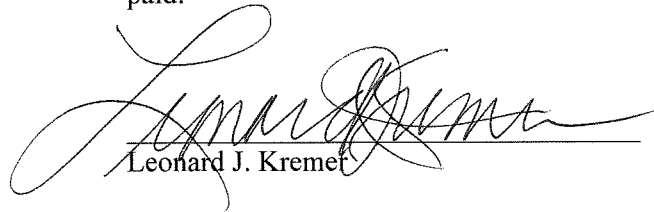
Technicians/Administrative	\$ 1,192.00
Expenses (Mileage/2WD vehicle/ice/surgical gloves)	\$ 121.90
Subtotal, E-coli Sampling	\$ 1,313.90

TOTAL TMDL STUDIES \$ **7,290.95**

SUMMARY TOTALS

Total Engineering	\$ 13,535.44
Total Secretarial Services Expenses	\$ 786.66
Total Public Relations	\$ 0.00
Total Capital Improvement Projects	\$ 4,298.50
Total TMDL Studies	\$ <u>7,290.95</u>
TOTAL PAYABLE	\$ 25,911.55

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