



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

Page # 1
Invoice # 23270051-2014-6
Project # 23/27-0051
Client # 59
August 8, 2014

Invoice of Account with
BARR ENGINEERING COMPANY

For professional services during the period of
June 28, 2014 through August 1, 2014

ENGINEERING

TECHNICAL SERVICES

Calls/emails to or from the Commissioners, administrator, recording administrator, Commission attorney, watershed communities and interested citizens; review project budgets; communications with Commission Attorney and administrator regarding potential BCWMC dissolution, including impacts on TMDL reporting/tracking; communications with administrator, MCES staff, Commissioners, and Plymouth staff regarding June 19 sewage spill into Bassett Creek; look into Minneapolis resident's questions regarding dredging of accumulated sediment in the creek and abandoned railroad switchyard near creek; call from Plymouth resident regarding BCWMC cost-share grants; communications with administrator regarding wellhead protection plans; communications with Plymouth landowner responding to questions about Bassett Creek, navigability, and the watershed management plan; attend July 22nd (first) meeting of Hennepin County Natural Resources Partnership; communications with administrator and MPRB staff regarding request for BCWMC participation in MPRB ecological system plan process; conference call with administrator and Star Tribune reporter regarding Wirth Lake delisting.

Leonard J. Kremer, Principal Engineer/Scientist	
1.0 hours @ \$180.00 per hour.....	\$ 180.00
Karen L. Chandler, Consultant/Advisor	
13.5 hours @ \$155.00 per hour.....	\$ 2,092.50
Gregory J. Wilson, Engineer/Scientist/Specialist III	
2.0 hours @ \$145.00 per hour.....	\$ 290.00
Technicians/Administrative	\$ 90.00
Expenses (mileage).....	\$ 2.80
<i>Subtotal, Technical Services</i>	<i>\$ 2,655.30</i>

PRELIMINARY SITE REVIEW/CORRESPONDENCE

Coordination with Golden Valley Country Club regarding proposed project on property; coordination with Landform regarding development in Bassett Creek watershed; communication with Robbinsdale staff regarding Robbinsdale project; coordination with Pierce Pini regarding Plymouth project;

coordination with Sambatech regarding proposed development in Bassett Creek watershed; communications with Civil Site Group regarding Golden Valley project; communication with TKDA regarding project in Minneapolis (outside of BCWMC so application not required); coordination with Summit Design-Build regarding home construction on Sweeney Lake; communications with Golden Valley staff regarding project in city; coordination with Pierce Pini regarding proposed project in Eloise Butler Wildflower Garden; respond to request from St. Louis Park staff regarding Otten Ponds and FEMA information; communications with CEI regarding proposed redevelopment project in St. Louis Park; and respond to question from Crystal staff regarding storm water quality treatment at site.

James P. Herbert, Principal Engineer/Scientist 7.5 hours @ \$165.00 per hour.....	\$ 1,237.50
Karen L. Chandler, Consultant/Advisor 10.4 hours @ \$155.00 per hour.....	\$ 1,612.00
Gregory J. Wilson, Engineer/Scientist/Specialist III 3.5 hours @ \$145.00 per hour.....	\$ 507.50
Sarah M. Stratton, Engineer/Scientist/Specialist III 0.5 hours @ \$135.00 per hour.....	\$ 67.50
Ross S. Mullen, Engineer/Scientist/Specialist I 0.5 hours @ \$80.00 per hour	\$ 40.00
<i>Subtotal, Preliminary Site Review/Correspondence</i>	<i>\$ 3,464.50</i>

MONTHLY MEETING PREPARATION

Communications/coordination with administrator and recording administrator regarding agenda and meeting packet for July 2014 meeting; review and edit draft June Commission meeting minutes and email to administrator; prepare for July Commission meeting, including conference call and other communications with Chair de Lambert regarding meeting agenda, and communications with Golden Valley staff and Linda Loomis; prepare and email summary of July Commission meeting to administrator; internal meeting regarding July Commission meeting; and provide grant tracking information to administrator.

James P. Herbert, Principal Engineer/Scientist 7.3 hours @ \$165.00 per hour.....	\$ 1,204.50
Karen L. Chandler, Consultant/Advisor 9.8 hours @ \$155.00 per hour.....	\$ 1,519.00
<i>Subtotal, Monthly Meeting Preparation</i>	<i>\$ 2,723.50</i>

CHANNEL MAINTENANCE FUND

Communications with Golden Valley staff regarding channel maintenance fund project and design process/needs.

Karen L. Chandler, Consultant/Advisor 1.3 hours @ \$155.00 per hour.....	\$ 201.50
<i>Subtotal, Channel Maintenance Fund</i>	<i>\$ 201.50</i>

<i>Subtotal Technical Services.....</i>	<i>\$ 9,044.80</i>
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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 do not require application fee.

The Tiburon (2013-1)

Project close-out.

Technicians/Administrative	\$	8.50
<i>Subtotal, The Tiburon</i>	\$	8.50

I-494 Corridor Project (2014-05)

Coordination with administrator and SRF regarding TEP meeting.

James P. Herbert, Principal Engineer/Scientist 0.5 hours @ \$165.00 per hour	\$	82.50
Technicians/Administrative	\$	17.00
<i>Subtotal, I-494 Corridor Project</i>	\$	99.50

Lock-Up Storage (2014-09)

Project close-out.

Technicians/Administrative	\$	17.00
<i>Subtotal, Lock-Up Storage</i>	\$	17.00

Gates of New Hope (2014-10)

Internal coordination and project close-out.

Rita W. Weaver, Engineer/Scientist/Specialist III 2.4 hours @ \$125.00 per hour	\$	300.00
Technicians/Administrative	\$	17.00
<i>Subtotal, Gates of New Hope</i>	\$	317.00

Plymouth Theatre Add/Remodel (2014-12)

Project close-out.

Technicians/Administrative	\$	17.00
<i>Subtotal, Plymouth Theatre Add/Remodel</i>	\$	17.00

France Avenue Trunk Drainage Realignment (2014-13)

Review revised grading, drainage and erosion control plans; and prepare approval letter to City of Robbinsdale.

James P. Herbert, Principal Engineer/Scientist 0.7 hours @ \$165.00 per hour	\$	115.50
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Rita W. Weaver, Engineer/Scientist/Specialist III
3.4 hours @ \$125.00 per hour.....\$ 425.00
Subtotal, France Ave Trunk Drainage Realignment\$ 540.50

Eliot Park Apartments Site (2014-14)

Project close-out.

Technicians/Administrative\$ 17.00
Subtotal, Eliot Park Apartments Site.....\$ 17.00

United Rentals Site Improvements (2014-15)

Review grading, drainage and erosion control plan; and prepare approval letter to City of Plymouth.

James P. Herbert, Principal Engineer/Scientist
1.9 hours @ \$165.00 per hour.....\$ 313.50
Candice M. Kantor, Engineer/Scientist/Specialist I
4.5 hours @ \$90.00 per hour\$ 405.00
Subtotal, United Rentals Site Improvements.....\$ 718.50

Hilde Performance Center Phase 2 Site Improvements (2014-16)

Review grading, drainage and erosion control plan.

Karen L. Chandler, Consultant/Advisor
0.2 hours @ \$155.00 per hour.....\$ 31.00
Candice M. Kantor, Engineer/Scientist/Specialist I
1.2 hours @ \$90.00 per hour\$ 108.00
Technicians/Administrative\$ 42.50
Subtotal, Hilde Performance Ctr Ph 2 Site Improvements\$ 181.50

Morrie's Luxury Auto (2014-17)

Preliminary review of plans.

Candice M. Kantor, Engineer/Scientist/Specialist I
0.7 hours @ \$90.00 per hour\$ 63.00
Technicians/Administrative\$ 42.50
Subtotal, Morrie's Luxury Auto\$ 105.50

Trustone Financial (2014-18)

Telephone conversation with applicant; review of historical plans and BCWMC action.

James P. Herbert, Principal Engineer/Scientist
1.3 hours @ \$165.00 per hour.....\$ 214.50
Subtotal, Trustone Financial\$ 214.50

Subtotal Plat Review.....\$ 2,236.50

COMMISSION AND TAC MEETINGS

Attend July 17th Commission meeting, and July 7th and 28th Plan Steering Committee meetings.

Karen L. Chandler, Consultant/Advisor	
8.6 hours @ \$155.00 per hour	\$ 1,333.00
<i>Subtotal, Commission and TAC Meetings</i>	<i>\$ 1,333.00</i>

WATER QUALITY/MONITORING

Review MCES WOMP station water quality data; obtain 2013 Medicine Lake water quality data from TRPD; review and edit administrator's memo for July meeting regarding Sweeney blue-green algae bloom; communications with Alternate Commissioner McDonald Black regarding Sweeney Lake blue-green algae concerns; email to Golden Valley staff and administrator regarding results of blue-green algae toxin testing of June 18 samples; identify blue-green algae species in three special algae samples collected July 16 from surface scum on the lake; internal communications regarding request from Commissioners for recommendation of algae experts to come to a Commission meeting; communications with Three Rivers Park District, Minneapolis Park and Recreation Board, Ramsey County, and Minnesota Pollution Control Agency regarding blue-green algae blooms in 2014; and review MPCA responses to Commission's comments on bacteria TMDL.

Twin and Sweeney Lake 2014 monitoring: prepare for and perform July lake water quality sampling, including calibration and preparation of equipment, and collection of zooplankton and phytoplankton; prepare for August lake water quality sampling; review June water quality sampling lab results; internal communications regarding algae sampling and monitoring data; communications with Pace regarding late lab report and lab charges; enter lab report into system.

Henry M. Runke, Principal Engineer/Scientist	
2.0 hours @ \$170.00 per hour.....	\$ 340.00
James P. Herbert, Principal Engineer/Scientist	
3.0 hours @ \$165.00 per hour.....	\$ 495.00
Karen L. Chandler, Consultant/Advisor	
6.2 hours @ \$155.00 per hour.....	\$ 961.00
Gregory J. Wilson, Engineer/Scientist/Specialist III	
4.7 hours @ \$145.00 per hour.....	\$ 681.50
Margaret R. Rattei, Engineer/Scientist/Specialist II	
15.3 hours @ \$120.00 per hour.....	\$ 1,836.00
Technicians/Administrative	\$ 988.00
Expenses (Pace Analytical Services/filtration apparatus/canoe/WQ meter/mileage/2WD field vehicle)	\$ 938.05
<i>Subtotal, Water Quality/Monitoring.....</i>	<i>\$ 6,239.55</i>

WATER QUANTITY

Measure and review lake level elevations as part of the lake-gauging program..

James P. Herbert, Principal Engineer/Scientist	
0.5 hours @ \$165.00 per hour.....	\$ 82.50

Technicians/Administrative	\$	1,188.00
Expenses (Mileage/2WD vehicle).....	\$	174.68
<i>Subtotal, Water Quantity</i>	<i>\$</i>	<i>1,445.18</i>
TOTAL ENGINEERING	\$	20,299.03

SECRETARIAL SERVICES

SECRETARIAL SERVICES EXPENSES

Expenses (postage).....	\$	32.35
TOTAL SECRETARIAL SERVICES EXPENSES.....	\$	32.35

PLANNING

NEXT GENERATION PLAN

Review and edit July 7 and July 28 PSC meeting notes and email to administrator; review education and public involvement policies; revise education policies per July 7 PSC meeting; prepare materials for July 28 PSC meeting packet and distribute packet; prepare for and attend July 7 and July 28 PSC meetings; develop administration policies; prepare and send "save the date" email regarding August 11 Plan workshop to commissioners, alternate commissioners, TAC, and agency reviewers; develop preliminary agenda for workshop; meeting with administrator to discuss August 11 workshop agenda and materials; revise policies per July 28 PSC meeting; internal discussions regarding definition of trunk system; prepare materials for August 11 workshop, including policy document and revised buffer memo; continue work on land and water resource inventory section, including land use, lake, climate and soil information; and communications with administrator.

Karen L. Chandler, Consultant/Advisor		
10.4 hours @ \$155.00 per hour.....	\$	1,612.00
Sterling G. Williams, Engineer/Scientist/Specialist II		
26.5 hours @ \$115.00 per hour.....	\$	3,047.50
Joshua R. Vosejpka, Engineer/Scientist/Specialist I		
0.6 hours @ \$70.00 per hour	\$	42.00
Katelyn J. Nagel, Engineer/Scientist/Specialist I		
12.3 hours @ \$65.00 per hour.....	\$	799.50
Technicians/Administrative	\$	42.50
Expenses (postage).....	\$	0.98
<i>Subtotal, Next Generation Plan</i>	<i>\$</i>	<i>5,544.48</i>
TOTAL PLANNING (Next Generation Plan)	\$	5,544.48

PLANNING (Funded through Flood Control Project Long-term Maintenance Funds)
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TOTAL PLANNING (Maintenance Funds).....	\$ 0.00
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ANNUAL REPORT

TOTAL ANNUAL REPORT.....	\$ 0.00
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PUBLIC COMMUNICATIONS

TOTAL PUBLIC COMMUNICATIONS	\$ 0.00
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WEBSITE

TOTAL WEBSITE	\$ 0.00
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WATERSHED OUTLET MONITORING PROGRAM (WOMP)

WATERSHED OUTLET MONITORING PROGRAM (WOMP)

Review WOMP station flow data.

Christopher J. Bonick, Engineer/Scientist/Specialist II	
1.0 hours @ \$115.00 per hour.....	\$ 115.00
<i>Subtotal, Watershed Outlet Monitoring Program.....</i>	<i>\$ 115.00</i>
TOTAL WOMP.....	\$ 115.00

CAPITAL IMPROVEMENT PROJECTS (Funded through tax levy)

CEDAR LAKE ROAD TO GOLDEN VALLEY ROAD, 2012 MAIN STEM (2012 CR)

BWSR grant administration: communications with BWSR staff regarding grant extension process and status of project, review administrator's agenda item language, and prepare and submit grant extension request to BWSR; review MPRB consultant's model for Bassett Creek through Wirth Park; communications with MPRB consultant regarding floodplain impacts review; and internal discussions regarding status of review and impacts.

Karen L. Chandler, Consultant/Advisor	
4.7 hours @ \$155.00 per hour.....	\$ 728.50
Rita W. Weaver, Engineer/Scientist/Specialist III	
0.3 hours @ \$125.00 per hour.....	\$ 37.50
Jeffrey D. Weiss, Engineer/Scientist/Specialist II	
6.7 hours @ \$115.00 per hour.....	\$ 770.50

Amy R. Anderson, Engineer/Scientist/Specialist I
3.5 hours @ \$85.00 per hour.....\$ 297.50
Subtotal, Cedar Lk Rd to Golden Valley Rd, 2012 Main Stem\$ 1,834.00

SCHAPER POND DIVERSION PROJECT (SL-3)

Follow-up from June 26 meeting with MPCA commissioner and staff; and communications with administrator, Golden Valley staff and internal staff regarding construction schedule.

Leonard J. Kremer, Principal Engineer/Scientist
1.5 hours @ \$180.00 per hour.....\$ 270.00
Karen L. Chandler, Consultant/Advisor
3.0 hours @ \$155.00 per hour.....\$ 465.00
Gregory J. Wilson, Engineer/Scientist/Specialist III
0.5 hours @ \$145.00 per hour.....\$ 72.50
Subtotal, Schaper Pond Diversion Project.....\$ 807.50

BRIARWOOD-DAWNVIEW POND (BC-7)

Review Golden Valley consultant's updated plans and P8 and HydroCAD models and provide comments to consultant and Golden Valley staff; follow-up with consultant on status; and communications with Golden Valley staff and consultant regarding status of design, potential changes and review of project at Commission meeting.

James P. Herbert, Principal Engineer/Scientist
1.5 hours @ \$165.00 per hour\$ 247.50
Karen L. Chandler, Consultant/Advisor
1.2 hours @ \$155.00 per hour.....\$ 186.00
Rita W. Weaver, Engineer/Scientist/Specialist III
6.7 hours @ \$125.00 per hour.....\$ 837.50
Subtotal, Briarwood-Dawnview Pond.....\$ 1,271.00

MAIN STEM: 10TH AVENUE-DULUTH STREET (2015CR)

Communications with administrator regarding county and BWSR schedules for approval of major plan amendment.

Karen L. Chandler, Consultant/Advisor
0.2 hours @ \$155.00 per hour.....\$ 31.00
Subtotal, Main Stem: 10th Ave – Duluth Street\$ 31.00

TOTAL CAPITAL IMPROVEMENTS PROJECTS (Tax Levy)\$ 3,943.50

CAPITAL IMPROVEMENT PROJECTS (Funded through Flood Control Project Long-term Maintenance Funds)
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TOTAL CAPITAL IMPROVEMENT PROJECTS (Maintenance Funds)	\$ 0.00
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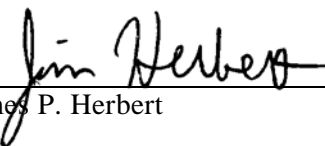
TMDL WORK

TOTAL TMDL STUDIES	\$ 0.00
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SUMMARY TOTALS

Total Engineering	\$ 20,299.03
Total Secretarial Services Expenses	\$ 32.35
Total Planning (Next Generation Plan)	\$ 5,544.48
Total Planning (Maintenance Funds)	\$ 0.00
Total Annual Report/Website/Public Communications	\$ 0.00
Total WOMP	\$ 115.00
Total Capital Improvement Projects (Tax Levy)	\$ 3,943.50
Total Capital Improvement Projects (Maintenance Funds)	\$ 0.00
Total TMDL Studies	\$ 0.00
TOTAL PAYABLE	\$ 29,934.36

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



James P. Herbert