Item 4Cii.
BCWMC 12-18-14

resourceful. naturally.
engineering and environmental consultants

BARR

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

Page # 1
Invoice # 23270051-2014-10
Project # 23/27-0051
Client # 59
December 3, 2014

Invoice of Account with
BARR ENGINEERING COMPANY

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

ENGINEERING

TECHNICAL SERVICES

Calls/emails to or from the Commissioners, administrator, watershed communities and interested citizens; and communications with Commissioner Carlson regarding BCWMC floodplain requirements.

Karen L. Chandler, Consultant/Advisor
2.4 hours @ $155.00 per hour.....$ 372.00

Subtotal, Technical Services.....$ 372.00

PRELIMINARY SITE REVIEW/CORRESPONDENCE

Review and coordination with Minnetonka staff regarding Wetland Conservation Act permit application for Trader Joe's site; communications with SRF regarding Bottineau transitway, XP SWMM model and floodplain maps; coordination regarding Minnetonka Executive Plaza; provide Bassett Creek tunnel drawings to developer; preliminary review of Wirth Park Master Plan and communications with administrator and Golden Valley staff regarding plan; and communications with developers regarding BCWMC requirements.

James P. Herbert, Principal Engineer/Scientist
4.3 hours @ $165.00 per hour.....$ 709.50

Karen L. Chandler, Consultant/Advisor
2.9 hours @ $155.00 per hour.....$ 449.50

Candice M. Kantor, Engineer/Scientist/Specialist I
0.7 hours @ $90.00 per hour .....$ 63.00

Katelyn J. Turpin-Nagel, Engineer/Scientist/Specialist I
0.3 hours @ $65.00 per hour .....$ 19.50

Technicians/Administrative .....$ 42.50

Subtotal, Preliminary Site Review/Correspondence .....$ 1,284.00

MONTHLY MEETING PREPARATION

Communications/coordination with administrator, recorder and Golden Valley staff regarding draft/final agenda and meeting packet for November 2014 meeting; review/edit draft October meeting minutes; prepare for November Commission meeting, including pre-meeting conference call with Chair de Lambert and administrator to review meeting agenda; internal meeting regarding November Commission meeting; provide grant tracking information to administrator; communications with internal staff and administrator regarding follow-up tasks from November Commission meeting.

James P. Herbert, Principal Engineer/Scientist 5.1 hours @ $165.00 per hour	$ 841.50
Karen L. Chandler, Consultant/Advisor 27.2 hours @ $155.00 per hour	$ 4,216.00
Sterling G. Williams, Engineer/Scientist/Specialist II 0.3 hours @ $115.00 per hour	$ 34.50
Technicians/Administrative	$ 509.50
Subtotal, Monthly Meeting Preparation	*$ 5,601.50*

TECH ANALYSIS (H&H, Etc.)

Follow-up communications with MDNR staff regarding BCWMC's Plymouth Creek model.

Jennifer A. Koehler, Engineer/Scientist/Specialist II 1.0 hours @ $115.00 per hour	$ 115.00
Subtotal, Tech Analysis (H&H, Etc.)	*$ 115.00*
Subtotal Technical Services	***$ 7,372.50***

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 do not require application fee.

Serenity on Plymouth Creek (2014-22)

Review revised grading, drainage and erosion control plans; review computations; coordination with applicant and Plymouth staff; and prepare and send approval letter to city.

James P. Herbert, Principal Engineer/Scientist 3.4 hours @ $165.00 per hour	$ 561.00
Candice M. Kantor, Engineer/Scientist/Specialist I 7.0 hours @ $90.00 per hour	$ 630.00
Subtotal, Serenity on Plymouth Creek	*$ 1,191.00*

1-GV-461 Relief Lift Station (2014-25)

Review revised grading, drainage and erosion control plans; and prepare and send approval letter to city staff.

Candice M. Kantor, Engineer/Scientist/Specialist I
0.6 hours @ $90.00 per hour ..... $ 54.00

Subtotal, 1-GV-461 Relief Lift Station ..... $ 54.00

Golden Valley Senior Living (2014-26)

Review grading, drainage, and erosion control plans (and revised plans) for phase 2 of project, coordination with Civil Site Group and Golden Valley staff; prepare memo, figure and attachment for November Commission meeting memo, and prepare and send letter to city staff with review comments.

James P. Herbert, Principal Engineer/Scientist
3.8 hours @ $165.00 per hour..... $ 627.00

Karen L. Chandler, Consultant/Advisor
0.3 hours @ $155.00 per hour..... $ 46.50

Candice M. Kantor, Engineer/Scientist/Specialist I
6.4 hours @ $90.00 per hour ..... $ 576.00

Subtotal, Golden Valley Senior Living ..... $ 1,249.50

Hidden Lake 3rd Addition (2014-27)

Coordination with applicant; and plat review set up for project.

James P. Herbert, Principal Engineer/Scientist
1.0 hours @ $165.00 per hour..... $ 165.00

Technicians/Administrative ..... $ 42.50

Subtotal, Hidden Lake 3rd Addition..... $ 207.50

Laurel Pond Residential Development (2014-28)

Coordination with applicant; and plat review set up for project.

James P. Herbert, Principal Engineer/Scientist
1.0 hours @ $165.00 per hour..... $ 165.00

Technicians/Administrative ..... $ 0.00

Subtotal, Laurel Pond Residential Development ..... $ 207.50

Subtotal Plat Review..... $ 2,909.50

COMMISSION AND TAC MEETINGS

Attend November 19th Commission meeting.

Karen L. Chandler, Consultant/Advisor
4.0 hours @ $155.00 per hour ..... $ 620.00

Subtotal, Commission and TAC Meetings ..... $ 620.00

WATER QUALITY/MONITORING

Review Sweeney Lake preliminary 2014 water quality data. Twin and Sweeney Lake 2014 monitoring: upload and verify 2014 field data, and internal communications.

Henry M. Runke, Principal Engineer/Scientist		
1.0 hours @ $170.00 per hour	$	170.00
Margaret R. Rattei, Engineer/Scientist/Specialist II		
2.4 hours @ $145.00 per hour	$	288.00
Technicians/Administrative	$	100.00
Subtotal, Water Quality/Monitoring	*$*	*558.00*

WATER QUANTITY

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

Technicians/Administrative	$	360.00
Expenses (Mileage/2WD vehicle)	$	53.00
Subtotal, Water Quantity	*$*	*413.00*

FLOOD CONTROL PROJECT INSPECTION

Coordination with cities' staff and internal team regarding inspection; and perform annual inspection of flood control project.

James P. Herbert, Principal Engineer/Scientist		
1.5 hours @ $165.00 per hour	$	247.50
Patrick E. Brockamp, Engineer/Scientist/Specialist I		
9.5 hours @ $75.00 per hour	$	712.50
Technicians/Administrative	$	1,836.00
Expenses (Mileage)	$	42.00
Subtotal, Flood Control Project Inspection	*$*	*2,838.00*

DOUBLE BOX CULVERT INSPECTION

Coordination with Minneapolis staff and internal team regarding inspection.

James P. Herbert, Principal Engineer/Scientist		
0.5 hours @ $165.00 per hour	$	82.50
Subtotal, Double Box Culvert Inspection	*$*	*82.50*

MUNICIPAL PLAN REVIEW

Review Mississippi WMO plan amendment.

Karen L. Chandler, Consultant/Advisor		
1.8 hours @ $155.00 per hour	$	279.00
Subtotal, Municipal Plan Review	*$*	*279.00*

TOTAL ENGINEERING	**$**	**15,072.50**

SECRETARIAL SERVICES

SECRETARIAL SERVICES EXPENSES

Expenses (WebEx)	$	25.10
TOTAL SECRETARIAL SERVICES EXPENSES	**$**	**25.10**

PLANNING

NEXT GENERATION PLAN

Update Plan Section 2 (Inventory) text and figures, Section 4 (Goals and Policies) and Section 5 (Implementation), submit draft Plan sections to recorder for posting to BCWMC website; prepare Plan packet materials for November 19 Commission meeting; final edits to Plan sections prior to submittal; create draft Plan cover; finalize transmittal memo to reviewers; produce and distribute hard copies and CD versions of draft Plan to reviewers; coordinate with recorder to post draft Plan on BCWMC website; internal communications; and communications with administrator.

Karen L. Chandler, Consultant/Advisor 5.9 hours @ $155.00 per hour	$	914.50
Sterling G. Williams, Engineer/Scientist/Specialist II 23.8 hours @ $115.00 per hour	$	2,737.00
Amy R. Meulebroeck, Engineer/Scientist/Specialist II 0.5 hours @ $95.00 per hour	$	47.50
Joshua R. Vosejpka, Engineer/Scientist/Specialist I 5.5 hours @ $70.00 per hour	$	385.00
Technicians/Administrative	$	298.50
Expenses (copies/prints/CD pockets/tabs/postage)	$	509.99
Subtotal, Next Generation Plan	*$*	*4,892.49*
TOTAL PLANNING (Next Generation Plan)	**$**	**4,892.49**

PLANNING (Funded through Flood Control Project Long-term Maintenance Funds)

TOTAL PLANNING (Maintenance Funds)	**$**	**0.00**

ANNUAL REPORT

TOTAL ANNUAL REPORT	**$**	**0.00**

PUBLIC COMMUNICATIONS

TOTAL PUBLIC COMMUNICATIONS .....$ 0.00

WEBSITE

TOTAL WEBSITE.....$ 0.00

WATERSHED OUTLET MONITORING PROGRAM (WOMP)

TOTAL WOMP.....$ 0.00

CAPITAL IMPROVEMENT PROJECTS (Funded through tax levy)

BRIARWOOD-DAWNVIEW POND (BC-7)

Review revised construction plans and city's consultant's response to comments, prepare and send approval letter to Golden Valley.

Karen L. Chandler, Consultant/Advisor
0.4 hours @ $155.00 per hour.....$ 62.00

Candice M. Kantor, Engineer/Scientist/Specialist I
2.0 hours @ $90.00 per hour .....$ 180.00

Subtotal, Briarwood-Dawnview Pond.....$ 242.00

HONEYWELL POND EXPANSION (2016) (BC-4)

Communications with administrator regarding city and BCWMC CIP potential project funding; and review/edit major plan amendment letter and proposed revisions to Table 12-2.

Karen L. Chandler, Consultant/Advisor
1.4 hours @ $155.00 per hour.....$ 217.00

Subtotal, Honeywell Pond Expansion .....$ 217.00

NORTHWOOD LAKE IMPROVEMENT PROJECTS (2016)(NL-1)

Review revised draft feasibility study and New Hope's consultant's response letter; prepare memo for November Commission meeting; communications with administrator regarding funding of CIP project; communications with New Hope's consultant; and review/edit major plan amendment letter and proposed revisions to Table 12-2.

Karen L. Chandler, Consultant/Advisor
9.6 hours @ $155.00 per hour.....$ 1,488.00

Subtotal, Northwood Lake Improvement Projects.....$ 1,488.00

TOTAL CAPITAL IMPROVEMENTS PROJECTS (Tax Levy) .....$ 1,947.00

CAPITAL IMPROVEMENT PROJECTS (Funded through Flood Control Project Long-term Maintenance Funds)

TOTAL CAPITAL IMPROVEMENT PROJECTS (Maintenance Funds)	**$**	**0.00**

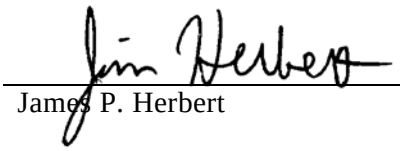
TMDL WORK

TOTAL TMDL STUDIES	**$**	**0.00**

SUMMARY TOTALS

Total Engineering	**$**	**15,072.50**
Total Secretarial Services Expenses	**$**	**25.10**
Total Planning (Next Generation Plan)	**$**	**4,892.49**
Total Planning (Maintenance Funds)	**$**	**0.00**
Total Annual Report/Website/Public Communications	**$**	**0.00**
Total WOMP	**$**	**0.00**
Total Capital Improvement Projects (Tax Levy)	**$**	**1,947.00**
Total Capital Improvement Projects (Maintenance Funds)	**$**	**0.00**
Total TMDL Studies	**$**	**0.00**
TOTAL PAYABLE	**$**	**21,937.09**

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