



Ms. Catherine Cesnik  
Bassett Creek Watershed Management Commission  
7800 Golden Valley Road  
Golden Valley, MN 55427

Page # 1  
Invoice # 23270051-2022-12  
Project # 23/27-0051  
Client # 59  
January 4, 2023

Invoice of Account with  
BARR ENGINEERING COMPANY

For professional services during the period of  
November 26, 2022 through December 30, 2022

**1000—ENGINEERING & MONITORING**

**1010—Technical Services**

Technical Services

Review and revise Requirements Document to improve clarity, provide updated information on MTDs (they were added to the MN Stormwater Manual), and add detail on bridge replacement projects, and communications with administrator regarding revisions; communications with administrator regarding BCWMC and FEMA flood elevations and potential LOMR for property development site in Minnetonka; internal meeting ahead of site visit regarding Xcel's proposed grading in area of Grimes Pond and potential to implement improvement project; communications with administrator in response to question about MPCA's proposed rule amendments regarding water quality designations; communications with Minnetonka consultant regarding proposed local plan amendment and BCWMC requirements; prepare 2023 lake water quality monitoring schedule; and provide GIS files for Spring Lake watershed to MPRB staff.

James P. Herbert, Principal Engineer/Scientist 6.9 hours @ \$205.00 per hour .....	\$ 1,414.50
Karen L. Chandler, Principal Engineer/Scientist 4.5 hours @ \$190.00 per hour .....	\$ 855.00
Jen Koehler, Engineer/Scientist/Specialist IV 0.5 hours @ \$165.00 per hour .....	\$ 82.50
Greg Wilson, Engineer/Scientist/Specialist IV 1.0 hours @ \$180.00 per hour .....	\$ 180.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 0.9 hours @ \$105.00 per hour .....	\$ 94.50
Technicians/Administrative.....	\$ 47.50
<i>Subtotal, Technical Services .....</i>	<i>\$ 2,767.00</i>

Monthly Meeting Preparation

Communications/coordination with administrator and internal staff regarding draft/final agenda and meeting packet for December Commission meeting; review/edit November meeting minutes; prepare for December Commission meeting, including review meeting packet, pre-meeting conference call with Chair Cesnik and administrator, prepare Engineer communications, and communications with administrator and internal staff regarding agenda items; and communications with administrator and internal staff regarding follow-up items from December Commission meeting and upcoming meeting agenda items.

James P. Herbert, Principal Engineer/Scientist 4.7 hours @ \$205.00 per hour .....	\$ 963.50
Karen L. Chandler, Principal Engineer/Scientist 15.4 hours @ \$190.00 per hour .....	\$ 2,926.00
Technicians/Administrative .....	\$ 766.50
<i>Subtotal, Monthly Meeting Preparation</i> .....	\$ 4,656.00

Robbinsdale WCA LGU Admin

Review Xcel 805 project information from Xcel Energy for wetland work in Robbinsdale; internal meeting to discuss proposed project and applicant WCA requirements prior to site meeting with applicant; review desktop and previous delineation information in preparation for site review; and participate in December 2, 2022 site review with Xcel, MDNR, and Robbinsdale staff.

Karen Wold, Engineer/Scientist/Specialist III 3.5 hours @ \$145.00 per hour .....	\$ 507.50
Expenses (mileage) .....	\$ 16.25
<i>Subtotal, Robbinsdale WCA LGU Admin</i> .....	\$ 523.75

Channel Maintenance Fund

Review Plymouth's proposed Plymouth Creek stream repair project for erosion control; prepare and send comment letter to Plymouth staff; and internal communications.

James P. Herbert, Principal Engineer/Scientist 2.2 hours @ \$205.00 per hour .....	\$ 451.00
Karen L. Chandler, Principal Engineer/Scientist 0.3 hours @ \$190.00 per hour .....	\$ 57.00
Jessica Olson, Engineer/Scientist/Specialist III 0.8 hours @ \$160.00 per hour .....	\$ 128.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 3.1 hours @ \$105.00 per hour .....	\$ 325.50
<i>Subtotal, Channel Maintenance Fund</i> .....	\$ 961.50

TAC Preparation

Prepare for December 7, 2022 TAC meeting, including communications with administrator, review Plymouth Four Seasons memo, and communications with Crystal staff regarding Requirements document revisions; review/edit administrator's draft TAC memo for December Commission meeting; attend

December 8, 2022 virtual meeting with administrator and Plymouth staff regarding staff recommendations for Four Seasons Mall CIP project; review/edit administrator's revised TAC memo; and provide information to TAC chair for January 4, 2022 TAC meeting.

James P. Herbert, Principal Engineer/Scientist 0.5 hours @ \$205.00 per hour .....	\$	102.50
Karen L. Chandler, Principal Engineer/Scientist 3.3 hours @ \$190.00 per hour .....	\$	627.00
Jen Koehler, Engineer/Scientist/Specialist IV 0.2 hours @ \$165.00 per hour .....	\$	<u>33.00</u>
<i>Subtotal, TAC Preparation</i> .....	\$	762.50
<b>Subtotal 1010—Technical Services</b> .....	<b>\$</b>	<b>9,670.75</b>

**1020—Development/Project Reviews**

Medicine Lk Lift Station Rehab (2022-17)

Review resubmittal; and prepare and send approval letter to city representatives.

James P. Herbert, Principal Engineer/Scientist 2.7 hours @ \$205.00 per hour .....	\$	553.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 3.5 hours @ \$105.00 per hour .....	\$	<u>367.50</u>
<i>Subtotal, Medicine Lk Lift Station Rehab (2022-17)</i> .....	\$	921.00

Courage Kenny Center Bridge Repair (2022-19)

Review grading and demolition plans for bridge removal work in Bassett Creek floodplain; prepare and send comment letter to city staff; review resubmittal; prepare review memo for December Commission meeting; prepare and send conditional approval letter to city staff; review resubmittal; and prepare and send approval letter to city staff.

James P. Herbert, Principal Engineer/Scientist 5.5 hours @ \$205.00 per hour .....	\$	1,127.50
Karen L. Chandler, Principal Engineer/Scientist 0.8 hours @ \$190.00 per hour .....	\$	152.00
Edward Anderson, Engineer/Scientist/Specialist I 0.8 hours @ \$105.00 per hour .....	\$	84.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 4.0 hours @ \$105.00 per hour .....	\$	<u>420.00</u>
<i>Subtotal, Courage Kenny Center Bridge Repair (2022-19)</i> .....	\$	1,783.50

Plymouth Kwik Trip 411 (2022-20)

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

James P. Herbert, Principal Engineer/Scientist 1.6 hours @ \$205.00 per hour .....	\$	328.00
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Gabrielle Campagnola, Engineer/Scientist/Specialist I 1.6 hours @ \$105.00 per hour .....	\$ 168.00
Expenses (postage) .....	\$ 1.44
<i>Subtotal, Plymouth Kwik Trip 411 (2022-20)</i> .....	\$ 497.44

TH 55 Pedestrian Tunnel Olson Mem Hwy Frontage Rd (2022-21)

Review grading, drainage, and erosion control plans; prepare and send comment letter to city staff; and communications with applicant.

James P. Herbert, Principal Engineer/Scientist 3.3 hours @ \$205.00 per hour .....	\$ 676.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 4.0 hours @ \$105.00 per hour .....	\$ 420.00
Technicians/Administrative .....	\$ 52.50
<i>Subtotal, TH55 Pedestrian Tunnel Olson Mem Hwy Frontage Rd (2022-21)</i> .....	\$ 1,149.00

650 Ottawa Ave GV Redevelopment (2022-22)

Review grading, drainage, erosion control and water quality plans (including MTD); review floodplain impacts (found there are no BCWMC 100-year impacts); prepare and send comment letter to city staff; review applicant's response to comments; and communications with applicant.

James P. Herbert, Principal Engineer/Scientist 8.1 hours @ \$205.00 per hour .....	\$ 1,660.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 9.2 hours @ \$105.00 per hour .....	\$ 966.00
Technicians/Administrative .....	\$ 52.50
<i>Subtotal, 650 Ottawa Ave GV Redevelopment (2022-22)</i> .....	\$ 2,679.00

Golden Valley 2023 PMP (2022-23)

Review grading, drainage, and erosion control plans; prepare draft review memo for January Commission meeting; and communications with applicant.

James P. Herbert, Principal Engineer/Scientist 1.8 hours @ \$205.00 per hour .....	\$ 369.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 3.6 hours @ \$105.00 per hour .....	\$ 378.00
Technicians/Administrative .....	\$ 105.00
<i>Subtotal, Golden Valley 2023 PMP (2022-23)</i> .....	\$ 852.00

**Subtotal, 1020—Development/Project Reviews .....\$ 7,881.94**

**1030—Non-Fee and Preliminary Reviews**

Preliminary Reviews

Internal meeting regarding site visit for Xcel Energy’s upcoming tower 805 work in Sochacki Park, near Grimes Pond in Robbinsdale (will trigger BCWMC review) and attend December 2, 2022 site visit; review MDNR permit application for performing pond dewatering for BCWMC 2022-14 (Plymouth 2022 Pond Maintenance project); and follow-up communications with applicant and Golden Valley staff regarding testing requirements at Meadowbrook School (BCWMC 2021-09).

James P. Herbert, Principal Engineer/Scientist 2.4 hours @ \$205.00 per hour .....	\$ 492.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 3.0 hours @ \$105.00 per hour .....	\$ <u>315.00</u>
<i>Subtotal, Preliminary Reviews</i> .....	\$ 807.00

Non-Fee Reviews

<i>Subtotal, Non-Fee Reviews</i> .....	\$ 0.00
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<b>Subtotal, 1030— Non-Fee and Preliminary Reviews</b> .....	<b>\$ 807.00</b>
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**1040—Commission and TAC Meetings**

Attend December 7, 2022 TAC meeting; and attend December 15, 2022 Commission meeting.

Karen L. Chandler, Principal Engineer/Scientist 6.2 hours @ \$190.00 per hour .....	\$ <u>1,178.00</u>
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<b>Subtotal, 1040—Commission and TAC Meetings</b> .....	<b>\$ 1,178.00</b>
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**1050—Surveys and Studies**

XPSWMM Update

Review updated inundation mapping; and internal communications.

Karen L. Chandler, Principal Engineer/Scientist 0.3 hours @ \$190.00 per hour .....	\$ 57.00
Jen Koehler, Engineer/Scientist/Specialist IV 1.0 hours @ \$165.00 per hour .....	\$ 165.00
Joshua Vosejpka, Engineer/Scientist/Specialist I 1.0 hours @ \$105.00 per hour .....	\$ <u>105.00</u>
<i>Subtotal, XPSWMM Update</i> .....	\$ 327.00

Shingle Creek Watershed Management Commission (SCWMC) Legal Boundary Review

Review proposed update to final proposed SCWMC/BCWMC legal boundary in Robbinsdale; and provide updated maps to administrator.

Karen L. Chandler, Principal Engineer/Scientist 0.2 hours @ \$190.00 per hour .....	\$ 38.00
Jen Koehler, Engineer/Scientist/Specialist IV 0.5 hours @ \$165.00 per hour .....	\$ <u>82.50</u>

<i>Subtotal, Shingle Creek Watershed Management Commission (SCWMC) Legal Boundary Review .....</i>	\$ 120.50
<b>Subtotal, 1050—Surveys and Studies.....</b>	<b>\$ 447.50</b>

**1060—Water Quality/Monitoring**

General Water Quality

<i>Subtotal, General Water Quality.....</i>	\$ 0.00
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Northwood Lk & Lost Lk Monitoring

Standardize data in EQulS; export data from EQulS database to create data summary tables; analyze data and prepare data summary tables and graphs for report; develop isopleths; communications with MCES staff about Northwood Lake and Lost Lake lab data from 2022 CAMP monitoring; and send 2022 project files to library.

Evan Christianson, Principal Engineer/Scientist 0.9 hours @ \$180.00 per hour .....	\$ 162.00
Margaret R. Rattei, Engineer/Scientist/Specialist III 7.6 hours @ \$150.00 per hour .....	\$ 1,140.00
Madeline Hankard, Engineer/Scientist/Specialist I 0.8 hours @ \$90.00 per hour .....	\$ 72.00
Technicians/Administrative.....	\$ 108.00
<i>Subtotal, Northwood Lk &amp; Lost Lk Monitoring.....</i>	<i>\$ 1,482.00</i>

Plymouth Creek Monitoring Year 1

Review and QAQC of 2022 data from monitoring stations IP1 and IP2; review and approve MCES lab invoices; collect quarterly grab sample for hardness, metals, and chlorides; expenses include vehicle, mileage, and equipment rental charges for quarterly grab sample event and MCES charges for lab analyses.

Margaret R. Rattei, Engineer/Scientist/Specialist III 0.2 hours @ \$150.00 per hour .....	\$ 30.00
Christopher Bonick, Engineer/Scientist/Specialist II 27.0 hours @ \$135.00 per hour .....	\$ 3,645.00
Technicians/Administrative.....	\$ 46.00
Subconsultant (MCES).....	\$ 105.60
Expenses (vehicle/mileage/ADV/WQ meter/tablet) .....	\$ 262.50
<i>Subtotal, Plymouth Creek Monitoring Year 1 .....</i>	<i>\$ 4,089.10</i>

Plymouth Creek Biota Monitoring

Organize field and lab data in preparation for data summary; send project files to library; communications with subconsultant (Dr. Dean Hansen) regarding analysis of Plymouth Creek macroinvertebrate samples and provide requested information; and review and process invoice for macroinvertebrate sample analyses; expenses are for macroinvertebrates analyses by subcontractor (Dr. Dean Hansen).

Margaret R. Rattei, Engineer/Scientist/Specialist III 2.3 hours @ \$150.00 per hour .....	\$	345.00
Technicians/Administrative.....	\$	151.00
Subconsultants (Dean C Hansen).....	\$	<u>770.00</u>
<i>Subtotal, Plymouth Creek Biota Monitoring.....</i>	<i>\$</i>	<i>1,266.00</i>
<b>Subtotal, 1060—Water Quality/Monitoring.....</b>	<b>\$</b>	<b>6,837.10</b>

**1070—Water Quantity**

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

Technicians/Administrative.....	\$	504.00
Expenses (vehicle/mileage/survey set).....	\$	<u>89.13</u>
<b>Subtotal, 1070—Water Quantity .....</b>	<b>\$</b>	<b>593.13</b>

**1080—Annual Flood Control Project Inspections**

Prepare and send letters to city and agency staff regarding results of the annual flood control project inspection.

James P. Herbert, Principal Engineer/Scientist 2.1 hours @ \$205.00 per hour .....	\$	430.50
Karen L. Chandler, Principal Engineer/Scientist 0.3 hours @ \$190.00 per hour .....	\$	57.00
Josh Phillips, Engineer/Scientist/Specialist II 3.2 hours @ \$125.00 per hour .....	\$	400.00
Technicians/Administrative.....	\$	<u>367.50</u>
<b>Subtotal, 1080—Annual Flood Control Project Inspections.....</b>	<b>\$</b>	<b>1,255.00</b>

**1100—Watershed Outlet Monitoring Program**

WOMP Rating Curve

Perform flow measurements at WOMP station on December 8, 14, and 16, 2022; complete and send Survey 1-2-3 forms to MCES staff; review rating curve gaps and 2022 flow measurements and plan for future flow measurements; site visit on December 29, 2022 to check on ice conditions; and communications with MCES staff.

Christopher Bonick, Engineer/Scientist/Specialist II 21.0 hours @ \$135.00 per hour .....	\$	2,835.00
Expenses (mileage/vehicle/ADV/tablet).....	\$	<u>153.75</u>
<b>Subtotal, 1100—Watershed Outlet Monitoring Program.....</b>	<b>\$</b>	<b>2,988.75</b>

**1120—TMDL Implementation Reporting**

<b>Subtotal, 1120—TMDL Implementation Reporting.....</b>	<b>\$</b>	<b>0.00</b>
<b>SUBTOTAL, 1000—ENGINEERING &amp; MONITORING .....</b>	<b>\$</b>	<b>31,659.17</b>

**2000—PLANNING**

**2010—Next Generation Plan Development**

Coordinate with administrator and internal staff to review strategies for the initial planning (public kickoff) meeting for the Plan update.

Karen L. Chandler, Principal Engineer/Scientist 1.9 hours @ \$190.00 per hour.....	\$ 247.00
Greg Williams, Engineer/Scientist/Specialist III 1.1 hours @ \$155.00 per hour.....	\$ 170.50
<b>Subtotal, 2010—Next Generation Plan Development .....</b>	<b>\$ 531.50</b>

**2020—Next Generation Plan Development – Address Complex Issues**

Update and run the BCWMC XP-SWMM model for the 500-year event and export results for inundation mapping; review available land use and impervious data, communicate with Metropolitan Council regarding mixed use land use considerations, and review methods for updating chloride hot spots map; revise the linear projects summary table and prepare for and attend the December 7, 2022 TAC meeting to discuss linear standards; and meeting with the administrator to review schedule and progress on addressing complex issues.

Karen L. Chandler, Principal Engineer/Scientist 6.5 hours @ \$190.00 per hour.....	\$ 1,235.00
Timothy Anderson, Engineer/Scientist/Specialist IV 4.4 hours @ \$170.00 per hour.....	\$ 748.00
Jennifer Koehler, Engineer/Scientist/Specialist IV 2.6 hours @ \$165.00 per hour.....	\$ 429.00
Gregory Wilson, Engineer/Scientist/Specialist IV 2.5 hours @ \$180.00 per hour.....	\$ 450.00
Greg Williams, Engineer/Scientist/Specialist III 4.1 hours @ \$155.00 per hour.....	\$ 635.50
Lulu Fang, Engineer/Scientist/Specialist II 6.3 hours @ \$120.00 per hour.....	\$ 756.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 0.1 hours @ \$105.00 per hour.....	\$ 10.50
<b>Subtotal, 2010—Next Generation Plan Development– Address Complex Issues .....</b>	<b>\$ 4,264.00</b>
<b>SUBTOTAL, 2000—PLANNING .....</b>	<b>\$ 4,795.50</b>

**4000—OUTREACH & EDUCATION**

**4010—Publications/Annual Report**

<b>Subtotal, 4010—Publications/Annual Report .....</b>	<b>\$ 0.00</b>
<b>SUBTOTAL, 4000—OUTREACH &amp; EDUCATION .....</b>	<b>\$ 0.00</b>



**CAPITAL IMPROVEMENT PROJECTS**

Four Seasons Area Water Quality Project (NL-2)

Review initial submittal; internal meeting regarding proposed BMPs and removals; prepare and send initial comments to Plymouth staff, Plymouth consultant, and administrator; review resubmittal; prepare and send comments to Plymouth staff, Plymouth consultant, and administrator; review resubmittal; prepare 90% review memo for December Commission meeting; and prepare and send 90% plans approval letter to city staff.

James P. Herbert, Principal Engineer/Scientist 7.0 hours @ \$205.00 per hour .....	\$ 1,435.00
Karen L. Chandler, Principal Engineer/Scientist 7.9 hours @ \$190.00 per hour .....	\$ 1,501.00
Gregory Wilson, Engineer/Scientist/Specialist IV 2.0 hours @ \$180.00 per hour .....	\$ 360.00
Josh Phillips, Engineer/Scientist/Specialist II 2.0 hours @ \$125.00 per hour .....	\$ 250.00
Edward Anderson, Engineer/Scientist/Specialist I 0.6 hours @ \$105.00 per hour .....	\$ 63.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 29.9 hours @ \$105.00 per hour .....	\$ <u>3,139.50</u>
<i>Subtotal, Four Seasons Area Water Quality Project (NL-2)</i> .....	\$ 6,748.50

Sweeney Lake Water Quality Improvement Project (2020) (SL-8)

Perform Post Treatment Monitoring

Internal communications regarding 2022 monitoring data compilation, analysis and summary; and prepare final 319 project memorandum and report on 2022 lake water quality monitoring results.

Gregory Wilson, Engineer/Scientist/Specialist IV 23.1 hours @ \$180.00 per hour .....	\$ 4,158.00
Terri Olson, Engineer/Scientist/Specialist III 0.4 hours @ \$155.00 per hour .....	\$ 62.00
Madeline Hankard, Engineer/Scientist/Specialist I 1.0 hours @ \$90.00 per hour .....	\$ 90.00
Technicians/Administrative .....	\$ <u>55.50</u>
<i>Subtotal, Perform Post Treatment Monitoring</i> .....	\$ 4,365.50
<i>Subtotal, Sweeney Lake Water Quality Improvement Project (2020) (SL-8)</i> .....	\$ 4,365.50

Main Stem Lagoon Dredging Project (2021) (BC-7)

Coordination with MPRB regarding AET pavement analysis and report; coordination with contractor, MPRB staff, and Golden Valley staff regarding permitting for construction; attend and hold pre-construction meeting; perform field staking of control points for use by contractor; execute data transfer agreement with contractor; set up pay application table; issue revised drawings for Lagoon D access change by field order; communications regarding MCES sanitary sewer; and contractor coordination.

Karen L. Chandler, Principal Engineer/Scientist 6.4 hours @ \$190.00 per hour .....	\$ 1,216.00
Patrick Brockamp, Engineer/Scientist/Specialist II 15.4 hours @ \$135.00 per hour .....	\$ 2,079.00
Kevin Menken, Engineer/Scientist/Specialist II 3.0 hours @ \$130.00 per hour .....	\$ 390.00
Alec Bateman, Engineer/Scientist/Specialist II 2.0 hours @ \$110.00 per hour .....	\$ 220.00
Technicians/Administrative.....	\$ 849.00
Expenses (GPS/vehicle/mileage) .....	\$ <u>173.88</u>
<i>Subtotal, Main Stem Lagoon Dredging Project (2021) (BC-7).....</i>	<i>\$ 4,927.88</i>

Bryn Mawr Meadows Water Quality Improvement Project (2020) (BC-5)

Review and respond to contractor submittals; adjust and reissue plan sheets to address contractor questions and modified grading within Pond A; attend weekly construction meetings; construction inspections and oversight; environmental field screening; review payment application #1; and project management.

Daniel Fetter, Principal Engineer/Scientist 0.3 hours @ \$220.00 per hour .....	\$ 66.00
Karen L. Chandler, Principal Engineer/Scientist 0.2 hours @ \$190.00 per hour .....	\$ 38.00
Jennifer Brekken, Engineer/Scientist/Specialist IV 2.7 hours @ \$175.00 per hour .....	\$ 472.50
Benjamin Borree, Engineer/Scientist/Specialist IV 1.1 hours @ \$175.00 per hour .....	\$ 192.50
Stephanie Johnson, Engineer/Scientist/Specialist IV 7.3 hours @ \$190.00 per hour .....	\$ 1,387.00
Michelle Kimble, Engineer/Scientist/Specialist IV 0.5 hours @ \$165.00 per hour .....	\$ 82.50
BJ Siljeborg, Engineer/Scientist/Specialist IV 1.5 hours @ \$165.00 per hour .....	\$ 247.50
Greg Fransen, Engineer/Scientist/Specialist II 0.3 hours @ \$145.00 per hour .....	\$ 43.50
Josh Phillips, Engineer/Scientist/Specialist II 18.2 hours @ \$125.00 per hour .....	\$ 2,275.00
Derek Seifert, Engineer/Scientist/Specialist II 0.1 hours @ \$125.00 per hour .....	\$ 12.50
Alexander Puetz, Engineer/Scientist/Specialist II 1.1 hours @ \$125.00 per hour .....	\$ 137.50

Jacob Daire, Engineer/Scientist/Specialist I 6.4 hours @ \$105.00 per hour .....	\$ 672.00
Erica Hill, Engineer/Scientist/Specialist I 0.3 hours @ \$100.00 per hour .....	\$ 30.00
Seth Stump, Engineer/Scientist/Specialist I 11.5 hours @ \$95.00 per hour .....	\$ 1,092.50
Technicians/Administrative.....	\$ 65.00
Expenses (vehicle/mileage/GPS/PD lamp/gloves) .....	\$ 261.76
<i>Subtotal, Bryn Mawr Meadows Water Quality Improvement Project (2020) (BC-5) .....</i>	
	\$ 7,075.76

**Bassett Creek Main Stem Restoration, Regent Ave to Golden Valley Rd, Feasibility Study (2024) (CR-M)**  
 Prepare for and attend December 5, 2022 meeting with agency staff; conduct late November drone flight; conduct late November tree survey; modify text and images for StoryMap for virtual public outreach; modify draft text for public outreach survey; communications with administrator and Golden Valley staff regarding StoryMap and survey; meet with internal staff regarding StoryMap and survey modifications; add NearMap imagery to GIS file; and provide bi-weekly email updates to administrator, Golden Valley staff, and Three Rivers Park District staff.

Karen L. Chandler, Principal Engineer/Scientist 2.6 hours @ \$190.00 per hour .....	\$ 494.00
Jessica Olson, Engineer/Scientist/Specialist III 20.6 hours @ \$160.00 per hour .....	\$ 3,296.00
Brent Lindstrom, Engineer/Scientist/Specialist III 11.5 hours @ \$140.00 per hour .....	\$ 1,610.00
Tyler Conley, Engineer/Scientist/Specialist II 1.5 hours @ \$110.00 per hour .....	\$ 165.00
Brendan Dougherty, Engineer/Scientist/Specialist II 10.5 hours @ \$120.00 per hour .....	\$ 1,260.00
James Lind, Engineer/Scientist/Specialist II 0.7 hours @ \$120.00 per hour .....	\$ 84.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 2.7 hours @ \$105.00 per hour .....	\$ 283.50
Megan Niess, Engineer/Scientist/Specialist I 0.9 hours @ \$105.00 per hour .....	\$ 94.50
Technicians/Administrative.....	\$ 1,752.00
Expenses (Unmanned Aircraft System (UAS), mileage) .....	\$ 350.00
<i>Subtotal, Basset Creek Main Stem Restoration, Regent Ave to Golden Valley Rd, Feasibility Study (2024) (CR-M).....</i>	
	\$ 9,389.00

Ponderosa Woods Stream Restoration Project Feasibility Study (2024) (ML-22)

Develop draft concept designs; process and analyze field data; begin drafting feasibility report; update desktop reviews with updated project area; prepare for and attend December 12, 2022 agency meeting and prepare meeting notes; prepare GIS figures; and prepare and send project email updates.

Karen L. Chandler, Principal Engineer/Scientist 4.6 hours @ \$190.00 per hour .....	\$ 874.00
Jennifer Koehler, Engineer/Scientist/Specialist IV 0.2 hours @ \$165.00 per hour .....	\$ 33.00
Veronica Parsell, Engineer/Scientist/Specialist III 0.7 hours @ \$140.00 per hour .....	\$ 98.00
Tyler Conley, Engineer/Scientist/Specialist II 3.2 hours @ \$110.00 per hour .....	\$ 352.00
Kallie Doeden, Engineer/Scientist/Specialist II 15.1 hours @ \$120.00 per hour .....	\$ 1,968.00
Brendan Dougherty, Engineer/Scientist/Specialist II 0.2 hours @ \$120.00 per hour .....	\$ 1,812.00
Carly Lintner, Engineer/Scientist/Specialist II 0.3 hours @ \$120.00 per hour .....	\$ 36.00
Aaron Brown, Engineer/Scientist/Specialist I 30.3 hours @ \$105.00 per hour .....	\$ 3,181.50
Ann Brunton, Engineer/Scientist/Specialist I 0.2 hours @ \$105.00 per hour .....	\$ 21.00
Megan Niess, Engineer/Scientist/Specialist I 1.7 hours @ \$105.00 per hour .....	\$ 178.50
Expenses (mileage).....	<u>\$ 26.88</u>
<i>Subtotal, Ponderosa Woods Stream Restoration Project Feasibility Study (2024) (ML-22).....</i>	
	<i>\$ 6,434.38</i>

Parkers Lake Chloride Reduction Project (2021) (PL-7)

Coordinate sample analysis and reporting with subcontracted laboratory; quality checks on sample results; and process subcontractor invoicing; expenses include subcontracted laboratory charges.

Gregory Wilson, Engineer/Scientist/Specialist IV 0.5 hours @ \$180.00 per hour .....	\$ 90.00
Terri Olson, Engineer/Scientist/Specialist III 0.1 hours @ \$155.00 per hour .....	\$ 15.50
Madeline Hankard, Engineer/Scientist/Specialist I 0.9 hours @ \$90.00 per hour .....	\$ 81.00
Subconsultant (RMB Enviro Lab).....	<u>\$ 220.44</u>
<i>Subtotal, Parkers Lake Chloride Reduction Project (2021) (PL-7) .....</i>	
	<i>\$ 406.94</i>

**SUBTOTAL CAPITAL IMPROVEMENTS PROJECTS .....\$ 39,347.96**

<b>ACCOUNTING CODE</b>	<b>BUDGET LINE ITEM</b>	<b>INVOICE AMOUNT</b>
<b>1000</b>	<b>ENGINEERING &amp; MONITORING</b>	
1010	Technical Services	\$9,670.75
1020	Development/Project Reviews	\$7,881.94
1030	Non-fee and Preliminary Reviews	\$807.00
1040	Commission and TAC Meetings	\$1,178.00
1050	Surveys and Studies	\$447.50
1060	Water Quality/Monitoring	\$6,837.10
1070	Water Quantity	\$593.13
1080	Annual Flood Control Project Inspections	\$1,255.00
1090	Municipal Plan Review	\$0.00
1100	Watershed Outlet Monitoring Program	\$2,988.75
1110	Annual XP-SWMM Model Updates/Reviews	\$0.00
1120	TMDL Implementation Reporting	\$0.00
<b>1000</b>	<b>SUBTOTAL ENGINEERING &amp; MONITORING</b>	<b>\$31,659.17</b>
<b>2000</b>	<b>PLANNING</b>	
2010	Next Generation Plan Development	\$531.50
2020	Next Generation Plan Development - Address Complex Issues	\$4,264.00
<b>2000</b>	<b>SUBTOTAL PLANNING</b>	<b>\$4,795.50</b>
<b>4000</b>	<b>OUTREACH &amp; EDUCATION</b>	
4010	Publications/Annual Report	\$0.00
<b>4000</b>	<b>SUBTOTAL OUTREACH &amp; EDUCATION</b>	<b>\$0.00</b>
--	<b>SUBTOTAL CAPITAL IMPROVEMENT PROJECTS</b>	<b>\$39,347.96</b>
<b>TOTAL PAYABLE</b>		<b>\$75,802.63</b>

Please note our new remittance address

**Remittance address:**  
**Lockbox 446104**  
**PO Box 64825**  
**St Paul, MN 55164-0825**

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

