



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

Page # 1  
Invoice # 23270051-2022-9  
Project # 23/27-0051  
Client # 59  
October 10, 2022

Invoice of Account with  
BARR ENGINEERING COMPANY

For professional services during the period of  
August 27, 2022 through September 30, 2022

**1000—ENGINEERING & MONITORING**

**1010—Technical Services**

Technical Services

Communications with University of Minnesota research assistant working for Hennepin County regarding Currie Commons; communications with Commissioner Welch regarding Wirth on Woods development; internal communications regarding work in floodplain; communications with administrator regarding new BCWMC review fee schedule; review MPCA small community resiliency grant RFP and communications with administrator regarding applicability to the City of Medicine Lake; communications with administrator, MnDOT staff and MPRB staff regarding access to Highway 55 control structure and proposed MnDOT work; Parkers Lake chloride dilution/removal study; follow-up communications with Plymouth staff regarding scope, communications with MCES staff regarding special discharge permitting, prepare draft Parkers Lake work scope memo and provide to administrator and Plymouth staff for review, revise/finalize work scope memo for Commission meeting packet, and communications with TRPD staff regarding subcontracting lab and field work; communications with administrator, New Hope staff and internal staff regarding cattails in channel downstream of Northwood Lake and impact on flooding and channel conveyance capacity; and communications with administrator, Commission attorney, Plymouth staff and internal staff regarding protocol for sharing Bassett Creek P8 watershed model between consultants for the Four Seasons Mall in Plymouth, execute agreement and provide P8 model to Plymouth’s consultant.

James P. Herbert, Principal Engineer/Scientist 8.6 hours @ \$205.00 per hour .....	\$ 1,763.00
Karen L. Chandler, Principal Engineer/Scientist 9.2 hours @ \$190.00 per hour .....	\$ 1,748.00
Jen Koehler, Engineer/Scientist/Specialist IV 3.6 hours @ \$165.00 per hour .....	\$ 594.00
Greg Wilson, Engineer/Scientist/Specialist IV 16.5 hours @ \$180.00 per hour .....	\$ 2,970.00
Lulu Fang, Engineer/Scientist/Specialist II 0.5 hours @ \$120.00 per hour .....	\$ 60.00

Technicians/Administrative.....	\$	<u>157.50</u>
<i>Subtotal, Technical Services</i> .....	\$	7,292.50

Monthly Meeting Preparation

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

James P. Herbert, Principal Engineer/Scientist 2.5 hours @ \$205.00 per hour.....	\$	512.50
Karen L. Chandler, Principal Engineer/Scientist 16.5 hours @ \$190.00 per hour.....	\$	3,135.00
Greg Wilson, Engineer/Scientist/Specialist IV 1.5 hours @ \$180.00 per hour.....	\$	270.00
Technicians/Administrative.....	\$	<u>840.00</u>
<i>Subtotal, Monthly Meeting Preparation</i> .....	\$	4,757.50
<b>Subtotal 1010—Technical Services</b> .....	<b>\$</b>	<b>12,050.00</b>

**1020—Development/Project Reviews**

Bassett Creek Dog Park Ped. Bridge Imp. (2022-08)

Review submittal for work in the Bassett Creek floodplain, including review of floodplain cut/fill and applicant’s XP SWMM model revisions; prepare and send comment letter to city staff; prepare draft review memo for October Commission meeting; review resubmittal; and communications with city staff and applicant.

James P. Herbert, Principal Engineer/Scientist 6.5 hours @ \$205.00 per hour.....	\$	1,332.50
Jen Koehler, Engineer/Scientist/Specialist IV 0.5 hours @ \$165.00 per hour.....	\$	82.50
Lulu Fang, Engineer/Scientist/Specialist II 4.7 hours @ \$120.00 per hour.....	\$	564.00
Edward Anderson, Engineer/Scientist/Specialist I 0.5 hours @ \$105.00 per hour.....	\$	52.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 9.2 hours @ \$105.00 per hour.....	\$	966.00
Technicians/Administrative.....	\$	<u>52.50</u>
<i>Subtotal, Bassett Creek Dog Park Ped. Bridge Imp. (2022-08)</i> .....	\$	3,050.00

Brookview Golf Course Streambank Stabilization (2022-13)

Review grading, drainage, and erosion control plans for erosion and sediment control and stream impacts;

prepare and send comment letter to city staff; meeting with city staff and applicant to discuss review comments; review resubmittal; prepare draft review memo for October Commission meeting; and communications with city staff and applicant.

James P. Herbert, Principal Engineer/Scientist 6.9 hours @ \$205.00 per hour .....	\$ 1,414.50
Edward Anderson, Engineer/Scientist/Specialist I 0.5 hours @ \$105.00 per hour .....	\$ 52.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 5.9 hours @ \$105.00 per hour .....	\$ <u>619.50</u>
<i>Subtotal, Brookview Golf Course Streambank Stabilization (2022-13)</i>	<i>\$ 2,086.50</i>

Plymouth Pond Maintenance (2022-14)

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

James P. Herbert, Principal Engineer/Scientist 2.3 hours @ \$205.00 per hour .....	\$ 471.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 3.2 hours @ \$105.00 per hour .....	\$ 336.00
Technicians/Administrative.....	\$ <u>52.50</u>
<i>Subtotal, Plymouth Pond Maintenance (2022-14)</i> .....	<i>\$ 860.00</i>

Mera Development (2022-15)

Review grading, drainage, and erosion control plans for water quality (including manufactured treatment device), rate control, and erosion and sediment control; and prepare and send comment letter to city staff.

James P. Herbert, Principal Engineer/Scientist 5.1 hours @ \$205.00 per hour .....	\$ 1,045.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 8.7 hours @ \$105.00 per hour .....	\$ 913.50
Technicians/Administrative.....	\$ <u>105.00</u>
<i>Subtotal, Mera Development (2022-15)</i> .....	<i>\$ 2,064.00</i>

Golden Valley Business Center (Demolition & Remediation) (2022-16)

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

James P. Herbert, Principal Engineer/Scientist 4.8 hours @ \$205.00 per hour .....	\$ 984.00
Gabrielle Campagnola, Engineer/Scientist/Specialist I 2.8 hours @ \$105.00 per hour .....	\$ 294.00
Technicians/Administrative.....	\$ <u>52.50</u>
<i>Subtotal, Golden Valley Business Center (Demolition &amp; Remediation) (2022-6)</i> .....	<i>\$ 1,330.50</i>

**Golden Valley Business Center (2022-16A)**

Review grading, drainage, and erosion control plans for water quality, rate control, and erosion and sediment control; and communications with administrator and city staff.

James P. Herbert, Principal Engineer/Scientist 5.3 hours @ \$205.00 per hour .....	\$	1,086.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 6.0 hours @ \$105.00 per hour .....	\$	630.00
<i>Subtotal, Golden Valley Business Center (2022-16A).....</i>	<i>\$</i>	<i>1,716.50</i>
<b>Subtotal, 1020—Development/Project Reviews .....</b>	<b>\$</b>	<b>11,107.50</b>

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

Preliminary Reviews

Communications and meeting with administrator, Medicine Lake city representatives and city consultant regarding lift station project and BCWMC floodplain requirements; review MDNR water appropriation permit for construction dewatering for project located adjacent to the old Bassett Creek tunnel near Van White Memorial Boulevard and Highway 55 in Minneapolis and communications with administrator (the work is outside the BCWMC jurisdictional boundary); preliminary review of proposed fence at 1031 Hampshire Ave in Golden Valley and communications with city staff and resident; and communications with Golden Valley staff regarding BCWMC requirements for deck project at 2401 Dresden Lane.

James P. Herbert, Principal Engineer/Scientist 3.5 hours @ \$205.00 per hour .....	\$	717.50
Gabrielle Campagnola, Engineer/Scientist/Specialist I 1.1 hours @ \$105.00 per hour .....	\$	115.50
<i>Subtotal, Preliminary Reviews.....</i>	<i>\$</i>	<i>833.00</i>

Non-Fee Reviews

<i>Subtotal, Non-Fee Reviews.....</i>	<i>\$</i>	<i>0.00</i>
<b>Subtotal, 1030— Non-Fee and Preliminary Reviews.....</b>	<b>\$</b>	<b>833.00</b>

**1040—Commission and TAC Meetings**

Attend September 15 Commission meeting.

Karen L. Chandler, Principal Engineer/Scientist 3.2 hours @ \$190.00 per hour .....	\$	608.00
Gregory Wilson, Engineer/Scientist/Specialist IV 2.5 hours @ \$180.00 per hour .....	\$	450.00
Expenses (mileage).....	\$	16.25
<b>Subtotal, 1040—Commission and TAC Meetings.....</b>	<b>\$</b>	<b>1,074.25</b>

**1050—Surveys and Studies**

XPSWMM Update

Finalize updates to Table 2-9 in the 2015 Bassett Creek Watershed Management Plan with the new

flood elevations, flow rates and updated crossing information; and complete new flood inundation maps.

James P. Herbert, Principal Engineer/Scientist 3.3 hours @ \$205.00 per hour.....	\$	676.50
Karen L. Chandler, Principal Engineer/Scientist 2.3 hours @ \$190.00 per hour.....	\$	437.00
Jen Koehler, Engineer/Scientist/Specialist IV 0.3 hours @ \$165.00 per hour.....	\$	49.50
Lulu Fang, Engineer/Scientist/Specialist II 5.0 hours @ \$120.00 per hour.....	\$	600.00
Joshua Vosejpka, Engineer/Scientist/Specialist I 13.5 hours @ \$105.00 per hour.....	\$	<u>1,417.50</u>
<i>Subtotal, XPSWMM Update.....</i>	\$	<i>3,180.50</i>

Shingle Creek Watershed Management Commission (SCWMC) Legal Boundary Review

Communications with administrator, Commission attorney, SCWMC Engineer, and internal staff regarding SCWMC revised legal boundary; review proposed SCWMC legal boundary, comparing it with BCWMC and SCWMC hydrologic boundary, create pdf maps for each city, and add comments to pdf maps; and review TAC agenda memo for legal boundary agenda item.

James P. Herbert, Principal Engineer/Scientist 1.0 hours @ \$205.00 per hour.....	\$	205.00
Karen L. Chandler, Principal Engineer/Scientist 3.8 hours @ \$190.00 per hour.....	\$	722.00
Jen Koehler, Engineer/Scientist/Specialist IV 4.3 hours @ \$165.00 per hour.....	\$	709.50
Joshua Vosejpka, Engineer/Scientist/Specialist I 2.5 hours @ \$105.00 per hour.....	\$	<u>262.50</u>
<i>Subtotal, Shingle Creek Watershed Management Commission (SCWMC) Legal Boundary Review .....</i>	\$	<i>1,899.00</i>
<b>Subtotal, 1050—Surveys and Studies.....</b>	<b>\$</b>	<b>5,079.50</b>

**1060—Water Quality/Monitoring**

General Water Quality

Communications with administrator regarding MPCA’s Sweeney Lake delisting questions, including constructed BMPs; update website water quality figures to include 2021 data, including obtaining and reviewing CAMP water quality data, and internal communications.

Karen L. Chandler, Principal Engineer/Scientist 0.4 hours @ \$190.00 per hour.....	\$	76.00
Gregory Wilson, Engineer/Scientist/Specialist IV 1.8 hours @ \$180.00 per hour.....	\$	324.00

Greg Williams, Engineer/Scientist/Specialist III	
1.5 hours @ \$155.00 per hour .....	\$ 232.50
Ann Brunton, Engineer/Scientist/Specialist I	
6.9 hours @ \$105.00 per hour .....	\$ 724.50
<i>Subtotal, General Water Quality .....</i>	<i>\$ 1,357.00</i>

Northwood Lake & Lost Lake 2022 Monitoring

Prepare and complete 9/6/2022 Lost Lake and Northwood Lake water quality monitoring; communications with administrator and internal staff regarding likely blue-green algae bloom on Lost Lake and potential additional sampling; coordinate and complete 9/10/2022 Lost Lake blue-green algal bloom monitoring; prepare and analyze 9/6/2022 Lost Lake phytoplankton sample and 9/10/2022 blue-green algae bloom sample; communications with administrator and Plymouth staff regarding the Lost Lake blue-green algae analysis and results; communications with administrator and internal staff regarding administrator's request to rent a DO meter to a Lost Lake volunteer for DO measurements; analyze 9/6/2022 Northwood Lake phytoplankton sample; analyze 2022 (6/14, 7/13, 8/1, 8/16, and 9/6) Northwood Lake zooplankton samples; analyze 2022 (4/18, 6/14, 7/13, 8/1, 8/16, and 9/6) Lost Lake zooplankton samples; perform QA reviews of Northwood Lake and Lost Lake laboratory data and file chain of custody forms and lab reports; RMB laboratory charges are for lab analyses of 8/1, 8/16, and 9/6 Lost Lake and Northwood Lake samples; and expense charges include vehicle rental, mileage, equipment rental, and charges for ice for 9/6 Lost Lake and Northwood Lake monitoring, and vehicle and mileage charges for 9/10 Lost Lake blue-green algae bloom monitoring.

Karen L. Chandler, Principal Engineer/Scientist	
1.2 hours @ \$190.00 per hour .....	\$ 228.00
Terri Olson, Engineer/Scientist/Specialist III	
0.4 hours @ \$155.00 per hour .....	\$ 62.00
Margaret R. Rattei, Engineer/Scientist/Specialist III	
37.9 hours @ \$150.00 per hour .....	\$ 5,685.00
Technicians/Administrative .....	\$ 905.50
Subconsultant (RMB Environmental Lab) .....	\$ 668.80
Expenses (WQ meter/KV bottle sampler/vehicle/canoe/ice/meters/ zooplankton net/mileage/filtration apparatus) .....	\$ 273.28
<i>Subtotal, Northwood Lake &amp; Lost Lake 2022 Monitoring .....</i>	<i>\$ 7,822.58</i>

Plymouth Creek Monitoring Year 1

Review TRPD's Plymouth Creek flow data; prepare for and complete the quarterly metals/hardness sampling and deliver sample to MCES laboratory; communications with internal staff regarding quarterly sampling; expense charges include purchase of HOBO dissolved oxygen sensor to measure continuous dissolved oxygen, vehicle and mileage charges for collecting the sample and delivering it to MCES lab and equipment rental (YSI meter for measuring dissolved oxygen and pH).

Margaret R. Rattei, Engineer/Scientist/Specialist III	
0.2 hours @ \$150.00 per hour .....	\$ 30.00
Christopher Bonick, Engineer/Scientist/Specialist II	
7.5 hours @ \$135.00 per hour .....	\$ 1,012.50

Technicians/Administrative.....	\$	36.00
Expenses (DO sensor/wq meter/ supplies/vehicle/mileage).....	\$	<u>1,726.90</u>
<i>Subtotal, Plymouth Creek Monitoring Year 1 .....</i>	<i>\$</i>	<i>2,805.40</i>

**Plymouth Creek Biota Monitoring**

Communications with internal staff regarding 2022 biological monitoring of Plymouth Creek; complete site visit to prepare for biological monitoring; prepare for and complete the Plymouth Creek habitat and macroinvertebrate monitoring; communications with subconsultant (Dr. Dean Hansen) regarding analysis of Plymouth Creek macroinvertebrate sample; expense charges are for biological monitoring of Plymouth Creek including vehicle and mileage charges and equipment rental charges including the GPS, hand-held velocity meter, and the water quality meter for measuring temperature, dissolved oxygen, pH, and specific conductance.

Karen L. Chandler, Principal Engineer/Scientist 0.3 hours @ \$190.00 per hour.....	\$	57.00
Margaret R. Rattei, Engineer/Scientist/Specialist III 1.8 hours @ \$150.00 per hour.....	\$	270.00
Christopher Bonick, Engineer/Scientist/Specialist II 4.5 hours @ \$135.00 per hour.....	\$	607.50
Technicians/Administrative.....	\$	1,168.50
Expenses (gps/vehicle/mileage/flow meter/wq meter).....	\$	<u>203.13</u>
<i>Subtotal, Plymouth Creek Biota Monitoring.....</i>	<i>\$</i>	<i>2,306.13</i>
<b>Subtotal, 1060—Water Quality/Monitoring.....</b>	<b>\$</b>	<b>14,291.11</b>

**1070—Water Quantity**

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

Technicians/Administrative.....	\$	871.50
Expenses (vehicle/mileage).....	\$	<u>252.50</u>
<b>Subtotal, 1070—Water Quantity .....</b>	<b>\$</b>	<b>1,124.00</b>

**1080—Annual Flood Control Project Inspections**

Prepare for annual flood control project inspections, including internal planning meeting and communications with city staff regarding inspections.

James P. Herbert, Principal Engineer/Scientist 0.8 hours @ \$205.00 per hour.....	\$	164.00
Patrick Brockamp, Engineer/Scientist/Specialist II 0.5 hours @ \$135.00 per hour.....	\$	67.50
Josh Phillips, Engineer/Scientist/Specialist II 2.2 hours @ \$125.00 per hour.....	\$	<u>275.00</u>
<b>Subtotal, 1080—Annual Flood Control Project Inspections.....</b>	<b>\$</b>	<b>506.50</b>

**1100—Watershed Outlet Monitoring Program**

WOMP Rating Curve

Communications with MCES staff to plan for additional flow measurements this fall to fill in new rating curve at new site; review rating curve and determine data gaps and needed flow measurements; review stream levels at WOMP station; prepare for and perform flow measurement at WOMP station; download Sontek flow data file; and complete and send Survey 1-2-3 form to MCES staff.

Christopher Bonick, Engineer/Scientist/Specialist II 10.0 hours @ \$135.00 per hour .....	\$	1,350.00
Expenses (AVD/tablet/vehicle/ mileage).....	\$	<u>223.75</u>
<i>Subtotal, WOMP Rating Curve</i> .....	\$	1,573.75
<b>Subtotal, 1100—Watershed Outlet Monitoring Program.....</b>	<b>\$</b>	<b>1,573.75</b>

**1120—TMDL Implementation Reporting**

Review status of P8 model in Four Seasons Mall area.

Gregory Wilson, Engineer/Scientist/Specialist IV 0.5 hours @ \$180.00 per hour .....	\$	90.00
<b>Subtotal, 1120—TMDL Implementation Reporting.....</b>	<b>\$</b>	<b>90.00</b>
<b>SUBTOTAL, 1000—ENGINEERING &amp; MONITORING .....</b>	<b>\$</b>	<b>47,729.61</b>

**2000—PLANNING**

**2010—Next Generation Plan Development**

Attend check-in meetings with administrator; revise Phase 2 (complex issues) scope and respond to commissioner comments/questions; prepare additional presentation board for public meetings; and export results from online survey.

Karen L. Chandler, Principal Engineer/Scientist 4.4 hours @ \$190.00 per hour .....	\$	836.00
Greg Williams, Engineer/Scientist/Specialist III 5.1 hours @ \$155.00 per hour .....	\$	852.50
Technicians/Administrative.....	\$	<u>96.50</u>
<b>Subtotal, 2010—Next Generation Plan Development .....</b>	<b>\$</b>	<b>1,785.00</b>
<b>SUBTOTAL, 2000—PLANNING .....</b>	<b>\$</b>	<b>1,785.00</b>

**4000—OUTREACH & EDUCATION**

**4010—Publications/Annual Report**

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



**CAPITAL IMPROVEMENT PROJECTS**

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

Engineer and Perform In-lake Alum Treatment

Respond to alum treatment contractor questions/inquiries; prepare and post Addendum #1 to QuestCDN; conduct online public bid opening for Phase 2 alum treatment and develop/compare bid tabulation; follow-up communications with contractors; review and discuss contractor qualifications and experience with Commission attorney and internal staff; communications with administrator and Commission attorney regarding withdrawn bid and Commission meeting resolution; prepare Notice of Award and Form of Agreement for signatures; internal communications regarding September Commission meeting actions and next steps; communications with alum treatment contractor regarding completion of contract forms, bonds and project schedule; expenses include Finance and Commerce charge (Bridge Tower) for advertising Contract Documents for Phase 2 alum treatment of Sweeney Lake.

Karen L. Chandler, Principal Engineer/Scientist 3.3 hours @ \$190.00 per hour .....	\$ 627.00
Gregory Wilson, Engineer/Scientist/Specialist IV 35.3 hours @ \$180.00 per hour .....	\$ 6,354.00
Technicians/Administrative.....	\$ 30.00
Expenses (Bridge Tower/FedEx).....	\$ <u>207.52</u>
<i>Subtotal, Engineer and Perform In-lake Alum Treatment .....</i>	<i>\$ 7,218.52</i>

Perform Post Treatment Monitoring

Perform September water quality monitoring event, QA/QC and summarize results; RMB laboratory charges are for lab analyses of water quality samples.

Terri Olson, Engineer/Scientist/Specialist III 0.3 hours @ \$155.00 per hour .....	\$ 46.50
Technicians/Administrative.....	\$ 745.00
Subconsultant (RMB Enviro Labs) .....	\$ 544.00
Expenses (filtration apparatus) .....	\$ <u>51.40</u>
<i>Subtotal, Perform Post Treatment Monitoring .....</i>	<i>\$ 1,386.90</i>

<i>Subtotal, Sweeney Lake Water Quality Improvement Project (2020) (SL-8) .....</i>	<i>\$ 8,605.42</i>
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Main Stem Lagoon Dredging Project (2021) (BC-7)

Internal reviews of plans and specifications; review updated survey data and compute dredging volumes; finalize bidding documents; internal meetings to coordinate posting the bid to QuestCDN; post advertisement for bid to Finance and Commerce; download and review planholders lists; respond to bidder questions; attend/hold bid opening meeting and follow up discussions; expenses include Finance and Commerce charge (Bridge Tower) for advertising Contract Documents.

James P. Herbert, Principal Engineer/Scientist 9.2 hours @ \$205.00 per hour .....	\$ 1,886.00
Karen L. Chandler, Principal Engineer/Scientist 2.4 hours @ \$190.00 per hour .....	\$ 456.00

Patrick Brockamp, Engineer/Scientist/Specialist II 14.9 hours @ \$135.00 per hour.....	\$ 2,011.50
Alec Bateman, Engineer/Scientist/Specialist II 13.5 hours @ \$110.00 per hour.....	\$ 1,485.00
Technicians/Administrative.....	\$ 579.00
Expenses (bridge tower).....	\$ <u>290.15</u>
<i>Subtotal, Main Stem Lagoon Dredging Project (2021) (BC-7).....</i>	<i>\$ 6,707.65</i>

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

Coordination on construction inspections; prepare for and attend project pre-construction meeting; coordinate with administrator on project funding considerations; and project management.

Karen L. Chandler, Principal Engineer/Scientist 0.8 hours @ \$190.00 per hour.....	\$ 152.00
Jennifer Brekken, Engineer/Scientist/Specialist IV 0.3 hours @ \$175.00 per hour.....	\$ 52.50
Stephanie Johnson, Engineer/Scientist/Specialist IV 7.3 hours @ \$190.00 per hour.....	\$ 1,387.00
Josh Phillips, Engineer/Scientist/Specialist II 1.4 hours @ \$125.00 per hour.....	\$ 175.00
Carly Lintner, Engineer/Scientist/Specialist II 0.2 hours @ \$120.00 per hour.....	\$ 24.00
Alexander Puetz, Engineer/Scientist/Specialist II 2.3 hours @ \$125.00 per hour.....	\$ 287.50
Seth Stump, Engineer/Scientist/Specialist I 1.7 hours @ \$95.00 per hour.....	\$ 161.50
Technicians/Administrative.....	\$ <u>37.50</u>
<i>Subtotal, Bryn Mawr Meadows Water Quality Improvement Project (2020) (BC-5) .....</i>	<i>\$ 2,277.00</i>

Bassett Creek Main Stem Restoration, Regent Ave to Golden Valley Rd, Feasibility Study (2024) (CR-M)

Prepare for and attend September 30 project kickoff meeting with administrator, Golden Valley commissioner, Golden Valley staff, and TRPD staff; communications with administrator and Golden Valley staff regarding scheduling site visit and meeting with city communications staff; set up GIS base map with aerial imagery, National Wetlands Inventory, Lidar topography, soils maps, and Golden Valley erosion inventory data; set up ArcGIS Online web maps for field data collection; begin desktop reviews for wetlands, cultural resources, environmental review, and topography/utility locations; and communications with internal staff and Golden Valley staff regarding scheduling drone flights and tree survey.

Karen L. Chandler, Principal Engineer/Scientist 3.7 hours @ \$190.00 per hour.....	\$ 703.00
Jen Koehler, Engineer/Scientist/Specialist IV 0.7 hours @ \$165.00 per hour.....	\$ 115.50

Jessica Olson, Engineer/Scientist/Specialist III 10.5 hours @ \$160.00 per hour .....	\$ 1,680.00
Brendan Dougherty, Engineer/Scientist/Specialist II 0.9 hours @ \$120.00 per hour .....	\$ 108.00
Joshua Vosejpka, Engineer/Scientist/Specialist I 12.0 hours @ \$105.00 per hour .....	\$ 1,260.00
Megan Niess, Engineer/Scientist/Specialist I 4.2 hours @ \$105.00 per hour .....	\$ 441.00
Technicians/Administrative.....	\$ <u>110.00</u>
<i>Subtotal, Basset Creek Main Stem Restoration, Regent Ave to Golden Valley Rd, Feasibility Study (2024) (CR-M).....</i>	
	\$ 4,417.50

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

Prepare for October 3 project kickoff meeting with administrator, Plymouth commissioners, and Plymouth staff, including preparing and sending agenda; set up GIS base map with aerial imagery and Plymouth storm sewer data; and internal communications regarding tree survey needs/schedule and other field investigation/project tasks.

Karen L. Chandler, Principal Engineer/Scientist 6.8 hours @ \$190.00 per hour .....	\$ 1,292.00
Jen Koehler, Engineer/Scientist/Specialist IV 0.2 hours @ \$165.00 per hour .....	\$ 33.00
Kallie Doeden, Engineer/Scientist/Specialist II 10.6 hours @ \$120.00 per hour .....	\$ 1,272.00
Joshua Vosejpka, Engineer/Scientist/Specialist I 2.5 hours @ \$105.00 per hour .....	\$ 262.50
Aaron Brown, Engineer/Scientist/Specialist I 0.3 hours @ \$105.00 per hour .....	\$ <u>31.50</u>
<i>Subtotal, Ponderosa Woods Stream Restoration Project Feasibility Study (2024) (ML-22).....</i>	
	\$ 2,891.00

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

Study of chloride extraction/dilution from Parkers Lake; project setup; communications with TRPD staff to arrange for additional TRPD monitoring; complete bottle order; and communications with subcontracted laboratory regarding sample logistics.

Gregory Wilson, Engineer/Scientist/Specialist IV 4.1 hours @ \$180.00 per hour .....	\$ 738.00
Terri Olson, Engineer/Scientist/Specialist III 0.6 hours @ \$155.00 per hour .....	\$ <u>93.00</u>
<i>Subtotal, Parkers Lake Chloride Reduction Project (2021) (PL-7) .....</i>	
	\$ 831.00

**SUBTOTAL CAPITAL IMPROVEMENTS PROJECTS .....\$ 25,729.57**

ACCOUNTING CODE	BUDGET LINE ITEM	INVOICE AMOUNT
<b>1000</b>	<b>ENGINEERING &amp; MONITORING</b>	
1010	Technical Services	\$12,050.00
1020	Development/Project Reviews	\$11,107.50
1030	Non-fee and Preliminary Reviews	\$833.00
1040	Commission and TAC Meetings	\$1,074.25
1050	Surveys and Studies	\$5,079.50
1060	Water Quality/Monitoring	\$14,291.11
1070	Water Quantity	\$1,124.00
1080	Annual Flood Control Project Inspections	\$506.50
1090	Municipal Plan Review	\$0.00
1100	Watershed Outlet Monitoring Program	\$1,573.75
1110	Annual XP-SWMM Model Updates/Reviews	\$0.00
1120	TMDL Implementation Reporting	\$90.00
<b>1000</b>	<b>SUBTOTAL ENGINEERING &amp; MONITORING</b>	<b>\$47,729.61</b>
<b>2000</b>	<b>PLANNING</b>	
2010	Next Generation Plan Development	\$1,785.00
2020	Next Generation Plan Development - Address Complex Issues [3]	\$0.00
<b>2000</b>	<b>SUBTOTAL PLANNING</b>	<b>\$1,785.00</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>\$25,729.57</b>
<b>TOTAL PAYABLE</b>		<b>\$75,244.18</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.

