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engineering and environmental consultants

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

Page # 1  
Invoice # 23270051-2021-07  
Project # 23/27-0051  
Client # 59  
August 6, 2021

Invoice of Account with  
BARR ENGINEERING COMPANY

For professional services during the period of  
June 26, 2021 through July 30, 2021

**1000—ENGINEERING & MONITORING**

**1010—Technical Services**

Technical Services

Review and edit draft BWSR PRAP report, and provide PRAP-related charges to administrator; review Local Road Research Board drainage survey, communications with consultant, and complete survey; communications with administrator and internal staff regarding upcoming Bryn Mawr meetings; communications with internal staff regarding BWSR CWF grant RFP and final CIP project reports; communications with administrator regarding setting up meeting with Hennepin County Commissioner Fernando, review administrator’s talking points for meeting, attend virtual July 26 meeting with Hennepin County Commissioner Fernando, Chair Cesnik, Commissioner Welch, Golden Valley staff and administrator regarding Commissioner Fernando's long term goals, including flood reduction measures, and follow-up communications with administrator; review Flood Control Project budgets; communications with administrator and internal staff regarding potential watershed bike tour stops and dates; and miscellaneous communications with administrator.

James P. Herbert, Principal Engineer/Scientist		
0.8 hours @ \$200.00 per hour.....	\$	160.00
Karen L. Chandler, Principal Engineer/Scientist		
12.5 hours @ \$185.00 per hour.....	\$	2,312.50
Josh P. Phillips, Engineer/Scientist/Specialist II		
0.4 hours @ \$115.00 per hour.....	\$	46.00
Technicians/Administrative.....	\$	100.00
<i>Subtotal, Technical Services.....</i>	<i>\$</i>	<i>2,618.50</i>

Parkers Lake Chloride Work Group

Prepare for and attend July 26 work group meeting #1; prepare GIS maps of tributary area for Sweeney Lake Branch and North Branch water quality monitoring stations, including land use, imperviousness and area information, and provide to Plymouth consultant; provide MCES WOMP

station chloride report to Plymouth consultant; and communications with administrator, Plymouth staff, Plymouth consultant and internal staff.

Karen L. Chandler, Principal Engineer/Scientist 6.5 hours @ \$185.00 per hour .....	\$ 1,202.50
Lulu Fang, Engineer/Scientist/Specialist II 6.5 hours @ \$115.00 per hour .....	\$ <u>747.50</u>
<i>Subtotal, Parkers Lake Chloride Work Group .....</i>	<i>\$ 1,950.00</i>

Monthly Meeting Preparation

Communications/coordination with administrator and internal staff regarding draft/final agenda and meeting packet for July meeting; review/edit draft June meeting minutes; prepare for July Commission meeting, including review and edit 2020 water quality monitoring presentation, review meeting packet, pre-meeting conference call with Chair Cesnik and administrator, and internal communications regarding meeting attendance/presentations; and communications with administrator and internal staff regarding follow-up items from July Commission meeting and upcoming meeting agenda items.

James P. Herbert, Principal Engineer/Scientist 3.1 hours @ \$200.00 per hour .....	\$ 620.00
Karen L. Chandler, Principal Engineer/Scientist 18.5 hours @ \$185.00 per hour .....	\$ 3,422.50
Technicians/Administrative.....	\$ <u>661.50</u>
<i>Subtotal, Monthly Meeting Preparation.....</i>	<i>\$ 4,704.00</i>

TAC Preparation

Prepare draft XPSWMM language for TAC agenda document; communications with administrator regarding Plymouth’s proposed plan for Four Seasons Mall and BCWMC CIP; review/edit administrator’s draft TAC agenda; communications with administrator and internal staff regarding TAC meeting; communications with MDNR staff; and TAC meeting follow-up.

Karen L. Chandler, Principal Engineer/Scientist 5.3 hours @ \$185.00 per hour .....	\$ 980.50
Jennifer Koehler, Engineer/Scientist/Specialist IV 0.8 hours @ \$155.00 per hour .....	\$ <u>124.00</u>
<i>Subtotal, TAC Preparation.....</i>	<i>\$ 1,104.50</i>
<b>Subtotal 1010—Technical Services .....</b>	<b>\$ 10,377.00</b>

**1020—Development/Project Reviews**

Four Seasons Mall Redevelopment (2019-25)

Project closeout, including documentation, tracking and filing.

Josh P. Phillips, Engineer/Scientist/Specialist II 0.3 hours @ \$115.00 per hour .....	\$ <u>34.50</u>
<i>Subtotal, Four Seasons Mall Redevelopment (2019-25).....</i>	<i>\$ 34.50</i>

Irving Ave Sanitary Sewer Repl (2020-16)

Project closeout, including documentation, tracking and filing.

Josh P. Phillips, Engineer/Scientist/Specialist II	
0.3 hours @ \$115.00 per hour .....	\$ 34.50
<i>Subtotal, Irving Ave Sanitary Sewer Repl (2020-16)</i> .....	\$ 34.50

Irving Ave SS Replace Diversion (2020-16A)

Project closeout, including documentation, tracking and filing.

Josh P. Phillips, Engineer/Scientist/Specialist II	
0.6 hours @ \$115.00 per hour .....	\$ 69.00
<i>Subtotal, Irving Ave SS Replace Diversion (2020-16A)</i> .....	\$ 69.00

Leaf Townhomes (2021-01)

Project closeout, including documentation, tracking and filing.

Josh P. Phillips, Engineer/Scientist/Specialist II	
0.2 hours @ \$115.00 per hour .....	\$ 23.00
<i>Subtotal, Leaf Townhomes (2021-01)</i> .....	\$ 23.00

Boone Ave Animal Hospital (2021-06)

Project closeout, including documentation, tracking and filing.

Josh P. Phillips, Engineer/Scientist/Specialist II	
0.3 hours @ \$115.00 per hour .....	\$ 34.50
<i>Subtotal, Boone Ave Animal Hospital (2021-06)</i> .....	\$ 34.50

Plymouth 2021 Street Rehab (2021-07)

Project closeout, including documentation, tracking and filing.

Josh P. Phillips, Engineer/Scientist/Specialist II	
0.3 hours @ \$115.00 per hour .....	\$ 34.50
<i>Subtotal, Plymouth 2021 Street Rehab (2021-07)</i> .....	\$ 34.50

Valor Place Twinhome Dev (2021-08)

Review resubmittal; prepare and send approval letter to city staff, and project closeout.

James P. Herbert, Principal Engineer/Scientist	
1.3 hours @ \$200.00 per hour .....	\$ 260.00
Josh P. Phillips, Engineer/Scientist/Specialist II	
1.1 hours @ \$115.00 per hour .....	\$ 126.50
<i>Subtotal, Valor Place Twinhome Dev (2021-08)</i> .....	\$ 386.50

Hollydale Residential Development (2021-10)

Internal meeting to develop additional project improvement ideas; prepare P8 model to evaluate phosphorus removals of proposed ponds; attend June 29 meeting with administrator, Plymouth staff, developer, owner and consultant to discuss ideas for additional project improvements; review resubmittal, including revised plans, revised P8 model, reuse calculator, and H&H model; review flood mapping; communications with administrator and internal staff regarding stormwater reuse and

calculator; prepare draft memo for July Commission meeting and provide to administrator for review; prepare final memo based on administrator's edits; prepare talking points for July Commission meeting; meeting with administrator and Plymouth staff regarding presentation at July Commission meeting; communications with administrator and internal staff regarding responses to Commissioner Harwell's and Commissioner Welch's comments; prepare and send draft approval letter to administrator for review; prepare final approval letter based on administrator's comments and send to city staff; communications with administrator, Plymouth staff, and applicant; and project closeout.

James P. Herbert, Principal Engineer/Scientist 12.1 hours @ \$200.00 per hour.....	\$ 2,420.00
Karen L. Chandler, Principal Engineer/Scientist 16.0 hours @ \$185.00 per hour.....	\$ 2,960.00
Jennifer Koehler, Engineer/Scientist/Specialist IV 2.0 hours @ \$155.00 per hour.....	\$ 310.00
Brandon Barnes, Engineer/Scientist/Specialist IV 1.0 hours @ \$160.00 per hour.....	\$ 160.00
Kimberly Baker, Engineer/Scientist/Specialist II 10.7 hours @ \$110.00 per hour.....	\$ 1,177.00
Josh P. Phillips, Engineer/Scientist/Specialist II 25.8 hours @ \$115.00 per hour.....	\$ 2,967.00
Lulu Fang, Engineer/Scientist/Specialist II 0.5 hours @ \$115.00 per hour.....	\$ <u>57.50</u>
<i>Subtotal, Hollydale Residential Development (2021-10).....</i>	<i>\$ 10,051.50</i>

Plymouth Creek Parking Lot Reconstruction (2021-11)

Review resubmittal for water quality, rate control, floodplain, and erosion and sediment control; and communications with city staff.

James P. Herbert, Principal Engineer/Scientist 2.0 hours @ \$200.00 per hour.....	\$ 400.00
Karen L. Chandler, Principal Engineer/Scientist 1.1 hours @ \$185.00 per hour.....	\$ 203.50
Josh P. Phillips, Engineer/Scientist/Specialist II 3.0 hours @ \$115.00 per hour.....	\$ <u>345.00</u>
<i>Subtotal, Plymouth Creek Parking Lot Reconstruction (2021-11).....</i>	<i>\$ 948.50</i>

Taco Bell, Minnetonka (2021-12)

Project closeout, including documentation, tracking and filing.

Josh P. Phillips, Engineer/Scientist/Specialist II 0.2 hours @ \$115.00 per hour.....	\$ <u>23.00</u>
<i>Subtotal, Taco Bell, Minnetonka (2021-12).....</i>	<i>\$ 23.00</i>

Carousel Auto Parking Expansion (2021-13)

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

James P. Herbert, Principal Engineer/Scientist 0.5 hours @ \$200.00 per hour .....	\$	100.00
Josh P. Phillips, Engineer/Scientist/Specialist II 3.7 hours @ \$115.00 per hour .....	\$	<u>425.50</u>
<i>Subtotal, Carousel Auto Parking Expansion (2021-13).....</i>	\$	525.50

Regency Hospital Expansion (2021-15)

Review grading, drainage, and erosion control plans for water quality, rate control, and erosion and sediment control; prepare and send comment letter to city staff; review resubmittal; communications with applicant; prepare and send approval letter to city staff; and project closeout.

James P. Herbert, Principal Engineer/Scientist 2.3 hours @ \$200.00 per hour .....	\$	460.00
Josh P. Phillips, Engineer/Scientist/Specialist II 6.6 hours @ \$115.00 per hour .....	\$	<u>759.00</u>
<i>Subtotal, Regency Hospital Expansion (2021-15).....</i>	\$	1,219.00

Hollydale Dev. (Remediation) (2021-10A)

Prepare and send comment letter to city staff; review resubmittal; prepare and send approval letter to city staff; communications with construction contractor; and project closeout.

James P. Herbert, Principal Engineer/Scientist 4.3 hours @ \$200.00 per hour .....	\$	860.00
Josh P. Phillips, Engineer/Scientist/Specialist II 2.2 hours @ \$115.00 per hour .....	\$	<u>253.00</u>
<i>Subtotal, Hollydale Dev. (Remediation) (2021-10A).....</i>	\$	1,113.00

Tennant Storm Water (2021-16)

Review grading, drainage and erosion control plans; prepare and send comment letter to city staff; review resubmittal; prepare and send approval letter to city staff; and project closeout.

James P. Herbert, Principal Engineer/Scientist 4.7 hours @ \$200.00 per hour .....	\$	940.00
Josh P. Phillips, Engineer/Scientist/Specialist II 0.8 hours @ \$115.00 per hour .....	\$	92.00
Technicians/Administrative .....	\$	<u>52.50</u>
<i>Subtotal, Hollydale Dev. (Remediation) (2021-10A).....</i>	\$	1,084.50

**Subtotal, 1020—Development/Project Reviews .....\$ 15,581.50**

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

Preliminary Reviews

Communications with Golden Valley staff regarding floodplain elevation for Golden Valley Country Club parcel; communications with potential applicant, administrator and Plymouth staff regarding project site in Plymouth; and review information and communications with administrator regarding structure along Bassett Creek on Louisiana Ave in Golden Valley.

James P. Herbert, Principal Engineer/Scientist 3.3 hours @ \$200.00 per hour .....	\$	660.00
Josh P. Phillips, Engineer/Scientist/Specialist II 0.8 hours @ \$115.00 per hour .....	\$	92.00
<i>Subtotal, Preliminary Reviews .....</i>	\$	752.00

Non-Fee Reviews

<i>Subtotal Non-Fee Reviews.....</i>	\$	0.00
<b>Subtotal, 1030— Non-Fee and Preliminary Reviews.....</b>	<b>\$</b>	<b>752.00</b>

**1040—Commission and TAC Meetings**

Attend July 15 Commission meeting (virtual) and July 29 TAC meeting (in person).

James P. Herbert, Principal Engineer/Scientist 1.5 hours @ \$200.00 per hour .....	\$	300.00
Karen L. Chandler, Principal Engineer/Scientist 4.7 hours @ \$185.00 per hour .....	\$	869.50
Jennifer Koehler, Engineer/Scientist/Specialist IV 2.0 hours @ \$155.00 per hour .....	\$	310.00
Expenses (mileage) .....	\$	11.20
<b>Subtotal, 1040—Commission and TAC Meetings.....</b>	<b>\$</b>	<b>1,490.70</b>

**1050—Surveys and Studies**

<b>Subtotal, 1050—Surveys and Studies.....</b>	<b>\$</b>	<b>0.00</b>
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**1060—Water Quality/Monitoring**

General Water Quality

Communications with internal staff and MPCA staff regarding data submittal to EQUIS and submit project and monitoring location establishment forms to the MPCA.

Margaret R. Rattei, Engineer/Scientist/Specialist III 0.1 hours @ \$145.00 per hour .....	\$	14.50
Technicians/Administrative .....	\$	153.00
<i>Subtotal, General Water Quality .....</i>	\$	167.50

Sweeney-Twin Lake 2020 Monitoring Report

Communications with internal staff regarding Sweeney Lake aeration history; and review, edit, and finalize Sweeney and Twin Lake monitoring reports.

Karen L. Chandler, Principal Engineer/Scientist 2.9 hours @ \$185.00 per hour .....	\$	536.50
Gregory Wilson, Engineer/Scientist/Specialist IV 0.5 hours @ \$175.00 per hour .....	\$	87.50
Technicians/Administrative .....	\$	921.00
<i>Subtotal, Sweeney-Twin Lake 2020 Monitoring Report .....</i>	\$	1,545.00

Medicine Lake 2020 Monitoring Report

Finalize Medicine Lake monitoring report.

Karen L. Chandler, Principal Engineer/Scientist	
0.6 hours @ \$185.00 per hour .....	\$ 111.00
Technicians/Administrative .....	\$ <u>195.00</u>
<i>Subtotal, Medicine Lake 2020 Monitoring Report .....</i>	<i>\$ 306.00</i>

Sweeney Branch Monitoring Year 2

Review and approve MCES lab invoice; prepare for future storm event monitoring and internal communications regarding monitoring schedule and monitoring plan; prepare for and collect July 14 storm sample event, including setting the monitoring station; wash sample bottles and process data from July 14; collect grab samples on July 2 and July 30; deliver grab samples and storm sample to MCES laboratory; review and analyze monitoring data; expenses include MCES laboratory charges, Verizon Wireless charges for monitoring station, mileage charges, and ice to cool samples.

Margaret R. Rattei, Engineer/Scientist/Specialist III	
0.3 hours @ \$145.00 per hour .....	\$ 43.50
Chris Bonick, Engineer/Scientist/Specialist III	
1.5 hours @ \$135.00 per hour .....	\$ 202.50
Kallie Doeden, Engineer/Scientist/Specialist II	
3.8 hours @ \$110.00 per hour .....	\$ 418.00
Heather Hlavaty, Engineer/Scientist/Specialist II	
1.0 hours @ \$120.00 per hour .....	\$ 120.00
Technicians/Administrative .....	\$ 615.50
Subconsultant (Met Council) .....	\$ 497.00
Expenses (Verizon/Mileage/Ice/Conductivity Meter) .....	\$ <u>87.81</u>
<i>Subtotal, Sweeney Branch Monitoring Year 2 .....</i>	<i>\$ 1,984.31</i>

Parkers Lake 2021 Monitoring

Review Pace Lab report from June monitoring of AIS suitability parameters; complete post-monitoring tasks including transfer of chain of custody and field data to project folders; review log-in paperwork from Pace Laboratories and file chain-of-custody and lab acknowledgement in database and project file folders; file the EQUIS EDD in the project file folders; communications with Pace Lab regarding work order revision; and review and file revised Pace Lab report and invoice; expenses include courier charges for transporting samples from Three Rivers Park District to Pace Lab.

Terri Olson, Engineer/Scientist/Specialist III	
0.2 hours @ \$150.00 per hour .....	\$ 30.00
Margaret R. Rattei, Engineer/Scientist/Specialist III	
0.3 hours @ \$145.00 per hour .....	\$ 43.50
Technicians/Administrative .....	\$ 280.50
Expenses (Pace Analytical/Courier) .....	\$ <u>107.62</u>
<i>Subtotal, Parkers Lake 2021 Monitoring .....</i>	<i>\$ 388.12</i>

Westwood Lake 2021 Monitoring

Review and file Pace Lab report and revised lab report from June monitoring; file the EQuIS EDD in the project file folders; prepare for July water quality monitoring, including calibrate the multi-parameter meter and load equipment; perform July 13 monitoring; complete post-monitoring tasks including transfer of chain of custody and field data to project folders; review log-in paperwork from Pace Laboratories and file chain-of-custody and lab acknowledgement in database and project file folders; internal communications regarding July field data; download and review June aquatic plant survey data; and prepare for early August monitoring event, including calibrate multi-parameter meter and load equipment; expenses include Pace Lab charges, and equipment and mileage charges for July 13 sample event.

Terri Olson, Engineer/Scientist/Specialist III		
0.3 hours @ \$150.00 per hour .....	\$	45.00
Margaret R. Rattei, Engineer/Scientist/Specialist III		
1.4 hours @ \$145.00 per hour .....	\$	203.00
Technicians/Administrative .....	\$	509.50
Expenses (Pace Analytical/Filtration/Vehicle/Canoe/Ice/WQ Meter/Mileage) .....	\$	<u>359.89</u>
<i>Subtotal, Westwood Lake 2021 Monitoring.....</i>	\$	<i>1,117.39</i>

Crane Lake 2021 Monitoring

Review June Pace Lab report and communications with Pace Lab regarding requested corrections to the report; file lab report, revised lab report, lab invoice, revised lab invoice, and credit memo in the project file folders; file the EQuIS EDD in the project file folders; download and review June aquatic plant survey data; prepare for July water quality monitoring, including calibrate the multi-parameter meter and load equipment; perform July 13 monitoring; complete post-monitoring tasks including transfer of chain of custody and field data to project folders; review log-in paperwork from Pace Laboratories and file chain-of-custody and lab acknowledgement in database and project file folders; internal communications regarding July field data; analyze phytoplankton and zooplankton samples collected on April 12, June 15, and July 13; and prepare for early August monitoring event, including calibrate multi-parameter meter and load equipment; expenses include Pace lab charges, equipment charges for July sample event, and ice to cool samples from July sample event.

Terri Olson, Engineer/Scientist/Specialist III		
0.3 hours @ \$150.00 per hour .....	\$	45.00
Margaret R. Rattei, Engineer/Scientist/Specialist III		
11.9 hours @ \$145.00 per hour.....	\$	1,725.50
Technicians/Administrative .....	\$	619.00
Expenses (Pace Analytical/Filtration Apparatus/Ice) .....	\$	<u>209.60</u>
<i>Subtotal, Crane Lake 2021 Monitoring .....</i>	\$	<i>2,599.10</i>
<b>Subtotal, 1060—Water Quality/Monitoring.....</b>	<b>\$</b>	<b>8,107.42</b>

**1070—Water Quantity**

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



Technicians/Administrative.....	\$	420.00
Expenses (mileage/vehicle).....	\$	<u>73.00</u>
<b>Subtotal, 1070—Water Quantity .....</b>	<b>\$</b>	<b>493.00</b>

**1080—Annual Flood Control Project Inspections**

Internal meeting regarding FCP inspection budget, future inspection costs, CIP projects, CIP schedule, and next steps; and internal communications regarding scheduling annual flood control project inspections.

James P. Herbert, Principal Engineer/Scientist 2.0 hours @ \$200.00 per hour.....	\$	400.00
Karen L. Chandler, Principal Engineer/Scientist 1.9 hours @ \$185.00 per hour.....	\$	351.50
Joe Welna, Engineer/Scientist/Specialist IV 1.3 hours @ \$155.00 per hour.....	\$	201.50
Patrick Brockamp, Engineer/Scientist/Specialist III 0.2 hours @ \$125.00 per hour.....	\$	<u>25.00</u>
Josh P. Phillips, Engineer/Scientist/Specialist II 0.4 hours @ \$115.00 per hour.....	\$	<u>46.00</u>
<b>Subtotal, 1080—Annual Flood Control Project Inspections .....</b>	<b>\$</b>	<b>1,024.00</b>

**1090—Municipal Plan Review**

<b>Subtotal, 1090—Municipal Plan Review .....</b>	<b>\$</b>	<b>0.00</b>
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**1100—Watershed Outlet Monitoring Program**

WOMP Rating Curve

Perform Bassett Creek flow measurement; download file of flow results; and send flow results file and Survey 1-2-3 form to MCES.

Chris Bonick, Engineer/Scientist/Specialist III 4.5 hours @ \$135.00 per hour.....	\$	607.50
Expenses (Vehicle/Aontek ADV/Mileage).....	\$	<u>127.32</u>
<b>Subtotal, 1100—Watershed Outlet Monitoring Program.....</b>	<b>\$</b>	<b>734.82</b>

**1110—Annual XP-SWMM Model Updates/Reviews**

<b>Subtotal, 1110— Annual XP-SWMM Model Updates/Reviews...</b>	<b>\$</b>	<b>0.00</b>
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**1120—TMDL Implementation Reporting**

<b>Subtotal, 1120—TMDL Implementation Reporting.....</b>	<b>\$</b>	<b>0.00</b>
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<b>SUBTOTAL, 1000—ENGINEERING &amp; MONITORING .....</b>	<b>\$</b>	<b>38,560.44</b>
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**4000—OUTREACH & EDUCATION**

**4010—Publications/Annual Report**

**Subtotal, 4010—Publications/Annual Report .....\$ 0.00**  
**SUBTOTAL, 4000—OUTREACH & EDUCATION.....\$ 0.00**

**CAPITAL IMPROVEMENT PROJECTS**

Sweeney Lake Water Quality Improvement (SL-8)

Perform Post Alum Treatment Monitoring

Communications with administrator and internal staff regarding post alum treatment monitoring of south basin of Sweeney Lake; set up August sampling dates; and order sample bottles.

Karen L. Chandler, Principal Engineer/Scientist 0.2 hours @ \$185.00 per hour.....	\$ 37.00
Gregory Wilson, Engineer/Scientist/Specialist IV 3.5 hours @ \$175.00 per hour.....	\$ <u>612.50</u>
Terri Olson, Engineer/Scientist/Specialist III 0.2 hours @ \$150.00 per hour.....	\$ 30.00
Technicians/Administrative .....	\$ <u>63.00</u>
<i>Subtotal, Perform Post Alum Treatment Monitoring.....</i>	<i>\$ 742.50</i>
<i>Subtotal, Sweeney Lake Water Quality Improvement (SL-8).....</i>	<i>\$ 742.50</i>

Mt Olivet Stream Restoration (2021) (ML-20)

Review 90% plans and submittal; and internal communications regarding review.

Karen L. Chandler, Principal Engineer/Scientist 0.7 hours @ \$185.00 per hour.....	\$ 129.50
Peter Hinck, Engineer/Scientist/Specialist III 0.4 hours @ \$145.00 per hour.....	\$ <u>58.00</u>
<i>Subtotal, Mt Olivet Stream Rest (2021) (ML-20).....</i>	<i>\$ 187.50</i>

Parkers Lk Stream Restoration (2021) (PL-7)

Review 90% plans and submittal; and internal communications regarding review.

Karen L. Chandler, Principal Engineer/Scientist 0.8 hours @ \$185.00 per hour.....	\$ 148.00
Peter Hinck, Engineer/Scientist/Specialist III 0.3 hours @ \$145.00 per hour.....	\$ 43.50
Josh P. Phillips, Engineer/Scientist/Specialist II 0.2 hours @ \$115.00 per hour.....	\$ <u>23.00</u>
<i>Subtotal, Parkers Lk Stream Restoration (2021) (PL-7).....</i>	<i>\$ 214.50</i>

DeCola Ponds - SEA School/Wildwood Park Flood Storage Project Feasibility Study (2022) (BC-2, 3, 8, 10)

Develop Concept 3 easement figures; prepare for and attend July 28 Hennepin County meeting of the Whole regarding plan amendment and CIP levy request.

Karen L. Chandler, Principal Engineer/Scientist 0.5 hours @ \$185.00 per hour.....	\$ 92.50
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Jennifer Koehler, Engineer/Scientist/Specialist IV  
 0.8 hours @ \$155.00 per hour..... \$ 124.00  
*Subtotal, DeCola Ponds - SEA School/Wildwood Park Flood Storage  
 Project Feasibility Study (2022) (BC-2, 3, 8, 10)..... \$ 216.50*

Medley Park Stormwater Treatment Facility Feasibility Study (2022) (ML-12)

Communications and meeting with administrator and internal staff regarding potential BWSR CWF grant application; and prepare for and attend July 28 Hennepin County meeting of the Whole regarding plan amendment and CIP levy request.

Karen L. Chandler, Principal Engineer/Scientist  
 1.3 hours @ \$185.00 per hour..... \$ 240.50  
 Jennifer Koehler, Engineer/Scientist/Specialist IV  
 0.2 hours @ \$155.00 per hour..... \$ 31.00  
 Katelyn Turpin-Nagel, Engineer/Scientist/Specialist II  
 2.1 hours @ \$120.00 per hour..... \$ 252.00  
*Subtotal, Medley Park Stormwater Treatment Facility Feasibility  
 Study (2022)(ML-12)..... \$ 523.50*

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

Develop and revise 50% drawings; and prepare for and attend July 28 Hennepin County meeting of the Whole regarding plan amendment and CIP levy request.

Karen L. Chandler, Principal Engineer/Scientist  
 0.7 hours @ \$185.00 per hour..... \$ 192.00  
 Patrick Brockamp, Engineer/Scientist/Specialist III  
 0.5 hours @ \$125.00 per hour..... \$ 62.50  
 Alec Bateman, Engineer/Scientist/Specialist II  
 6.9 hours @ \$100.00 per hour..... \$ 690.00  
*Subtotal, Main Stem Lagoon Dredging Project (2021)(BC-7)..... \$ 882.00*

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

Prepare for and attend July 27 public meeting in Bryn Mawr Meadows Park, including review feasibility study and potential drawings for use at meeting; and communications with administrator, MPRB staff, and internal staff.

Karen L. Chandler, Principal Engineer/Scientist  
 5.3 hours @ \$185.00 per hour..... \$ 980.50  
 Technicians/Administrative ..... \$ 50.00  
 Expenses (Mileage) ..... \$ 7.28  
*Subtotal, Bryn Mawr Meadows Water Quality Improvement Project  
 (2020) (BC-5) ..... \$ 1,037.78*

**SUBTOTAL CAPITAL IMPROVEMENTS PROJECTS .....\$ 3,804.28**

<b>ACCOUNTING CODE</b>	<b>BUDGET LINE ITEM</b>	<b>INVOICE AMOUNT</b>
<b>1000</b>	<b>ENGINEERING &amp; MONITORING</b>	
1010	Technical Services	\$ 10,377.00
1020	Development/Project Reviews	\$ 15,581.50
1030	Non-fee and Preliminary Reviews	\$ 752.00
1040	Commission and TAC Meetings	\$ 1,490.70
1050	Surveys and Studies	\$ -
1060	Water Quality/Monitoring	\$ 8,107.42
1070	Water Quantity	\$ 493.00
1080	Annual Flood Control Project Inspections	\$ 1,024.00
1090	Municipal Plan Review	\$ -
1100	Watershed Outlet Monitoring Program	\$ 734.82
1110	Annual XP-SWMM Model Updates/Reviews	\$ -
1120	TMDL Implementation Reporting	\$ -
<b>1000</b>	<b>SUBTOTAL ENGINEERING &amp; MONITORING</b>	<b>\$ 38,560.44</b>
<b>4000</b>	<b>OUTREACH &amp; EDUCATION</b>	
4010	Publications/Annual Report	\$ -
<b>4000</b>	<b>SUBTOTAL OUTREACH &amp; EDUCATION</b>	<b>\$ -</b>
--	<b>SUBTOTAL CAPITAL IMPROVEMENT PROJECTS</b>	<b>\$ 3,804.28</b>
<b>TOTAL PAYABLE</b>		<b>\$ 42,364.72</b>

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

