



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

Page # 1
Invoice # 23270051-2012-12
Project # 23/27-0051
Client # 59
February 11, 2013

Invoice of Account with
BARR ENGINEERING COMPANY

For professional services during the period of
December 29, 2012 through February 1, 2013

ENGINEERING

TECHNICAL SERVICES

Calls/emails to or from the Commissioners, recording administrator, watershed communities, developers in the watershed, and interested citizens; coordination with recording administrator regarding post-meeting tasks; conference call with BWSR staff regarding 2013 grant applications and recommendations for future applications; reviewed 2012 developments and prepared email to Golden Valley for its MS4 permit; attended January 4 meeting with administrator to answer questions; coordination regarding CIP; revised watershed map; developed contacts list for administrator; call from counsel regarding 2012 and 2013 education budgets and budget carryovers; reviewed construction account details; call from Hennepin County staff.

Leonard J. Kremer, Principal Engineer/Scientist	
0.5 hours @ \$160.00 per hour	\$ 80.00
James P. Herbert, Principal Engineer/Scientist	
7.5 hours @ \$145.00 per hour	\$ 1,087.50
Karen L. Chandler, Engineer/Scientist/Specialist III	
13.6 hours @ \$145.00 per hour	\$ 1,972.00
Amy R. Mikus, Engineer/Scientist/Specialist I	
3.0 hours @ \$80.00 per hour	\$ 240.00
Joshua R. Vosejpka, Engineer/Scientist/Specialist I	
8.7 hours @ \$65.00 per hour	\$ 565.50
Margaret A. Wright, Engineer/Scientist/Specialist I	
7.3 hours @ \$65.00 per hour	\$ 474.50
Technicians/Administrative.....	\$ 312.50
Expenses (Cisco Webex/postage)	\$ 14.83
<i>Subtotal, Technical Services.....</i>	<i>\$ 4,746.83</i>

PRELIMINARY SITE REVIEW/CORRESPONDENCE

Telephone conversations regarding proposed developments; provided watershed hydraulic information, flood profiles and BCWMC development requirements to applicants; phone calls regarding review requirements; phone conversation with SEH regarding Linden yards site in

Minneapolis; phone call from Met Council regarding Golden Valley site; coordination with BKBM and Golden Valley staff regarding Mini Cooper site and preliminary review; coordination with BKBM and Golden Valley staff regarding Tiburon site and preliminary review; coordination regarding Eliot site in St. Louis Park; phone call from MFRA regarding requirements; internal meeting regarding Sweeney Lake TMDL requirements for proposed project in Sweeney Lake watershed; call from project engineer regarding SW LRT information request and call to administrator.

Leonard J. Kremer, Principal Engineer/Scientist	
0.7 hours @ \$160.00 per hour	\$ 112.00
James P. Herbert, Principal Engineer/Scientist	
7.7 hours @ \$145.00 per hour	\$ 1,116.50
Karen L. Chandler, Engineer/Scientist/Specialist III	
0.8 hours @ \$145.00 per hour	\$ 116.00
<i>Subtotal, Preliminary Site Review/Correspondence</i>	<i>\$ 1,344.50</i>

MONTHLY MEETING PREPARATION

Reviewed draft BCWMC meeting minutes, agenda and packet materials and discussed comments with recording administrator; communications with chair, administrator and recording administrator; internal meetings and coordination with administrator and recording administrator regarding agenda, to-do list and meeting packet for January 2013 meeting.

James P. Herbert, Principal Engineer/Scientist	
13.2 hours @ \$145.00 per hour	\$ 1,914.00
Karen L. Chandler, Engineer/Scientist/Specialist III	
12.5 hours @ \$145.00 per hour	\$ 1,812.50
John E. McCarthy, Engineer/Scientist/Specialist I	
7.1 hours @ \$75.00 per hour	\$ 532.50
<i>Subtotal, Monthly Meeting Preparation.....</i>	<i>\$ 4,259.00</i>

TAC MEETING PREPARATION

Coordination with administrator, recording administrator and TAC members regarding January 3, 2013 TAC meeting and preparation of TAC agenda and materials; preparation for TAC meeting and review of meeting packet; email draft memo to TAC for review; communications with Plymouth, Golden Valley and Robbinsdale city staff; prepare memo summarizing January 3 TAC meeting for January Commission meeting, including revised draft CIP, maps of CIP projects and mock-up for CIP budget document ("fact sheet").

Karen L. Chandler, Engineer/Scientist/Specialist III	
21.0 hours @ \$145.00 per hour	\$ 3,045.00
Ross S. Mullen, Engineer/Scientist/Specialist I	
0.4 hours @ \$65.00 per hour	\$ 26.00
<i>Subtotal, TAC Meeting Preparation</i>	<i>\$ 3,071.00</i>
<i>Subtotal Technical Services</i>	<i>\$ 13,421.33</i>

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.

Crossroad Commons – Senior Housing

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.3 hours @ \$75.00 per hour	\$ 22.50
<i>Subtotal, Crossroad Commons – Senior Housing.....</i>	<i>\$ 22.50</i>

Rational Energies

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.2 hours @ \$75.00 per hour	\$ 15.00
<i>Subtotal, Rational Energies.....</i>	<i>\$ 15.00</i>

12955 Hwy 55 Parking Exp.

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.2 hours @ \$75.00 per hour	\$ 15.00
<i>Subtotal, 12955 Hwy 55 Parking Exp.</i>	<i>\$ 15.00</i>

West Health Addition

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.2 hours @ \$75.00 per hour	\$ 15.00
<i>Subtotal, West Health Addition.....</i>	<i>\$ 15.00</i>

GV 2012 PMP

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.1 hours @ \$75.00 per hour	\$ 7.50
<i>Subtotal, GV 2012 PMP.</i>	<i>\$ 7.50</i>

Robbinsdale 2011 St. Reconstruction

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.2 hours @ \$75.00 per hour	\$ 15.00

Subtotal, Robbinsdale 2011 St. Reconstruction..... \$ 15.00

Cornerstone Auto Resource

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I
0.1 hours @ \$75.00 per hour\$ 7.50
Subtotal, Cornerstone Auto Resource. \$ 7.50

Parade Parkway Reconstruction

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I
0.2 hours @ \$75.00 per hour\$ 15.00
Subtotal, Parade Parkway Reconstruction..... \$ 15.00

228 Peninsula Road

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I
0.1 hours @ \$75.00 per hour\$ 7.50
Subtotal, 228 Peninsula Road..... \$ 7.50

Ultimate Event Parking Expansion

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I
0.2 hours @ \$75.00 per hour\$ 15.00
Subtotal, Ultimate Event Parking Exp. \$ 15.00

Kimberly Lane School

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I
0.2 hours @ \$75.00 per hour\$ 15.00
Subtotal, Kimberly Lane School. \$ 15.00

Sweeney Lake Boathouse

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I
0.1 hours @ \$75.00 per hour\$ 7.50
Subtotal, Sweeney Lake Boathouse..... \$ 7.50

Parade Stadium Street Improvements

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.1 hours @ \$75.00 per hour	\$ 7.50
<i>Subtotal, Parade Stadium Street Improvements</i>	<i>\$ 7.50</i>

Lifestyle Commons II

Internal meeting; printed out final plans and filed.

John E. McCarthy, Engineer/Scientist/Specialist I	
0.2 hours @ \$75.00 per hour	\$ 15.00
<i>Subtotal, Lifestyle Commons II</i>	<i>\$ 15.00</i>

Boone Ave Convenience Center and Retail

Telephone conversations and emails with city staff and applicant; reviewed revised grading, drainage and erosion control plan; reviewed manufacturer's information regarding proposed BMP; prepared memorandum to the BCWMC; prepared letter of recommendation to City of Golden Valley.

James P. Herbert, Principal Engineer/Scientist	
4.3 hours @ \$145.00 per hour	\$ 623.50
Karen L. Chandler, Engineer/Scientist/Specialist III	
0.9 hours @ \$145.00 per hour	\$ 130.50
Rita W. Weaver, Engineer/Scientist/Specialist II	
5.3 hours @ \$100.00 per hour	\$ 530.00
<i>Subtotal, Boone Ave Convenience Ctr and Retail</i>	<i>\$ 1,284.00</i>

237 Peninsula Road

Internal meeting; printed out final plans and filed.

Rita W. Weaver, Engineer/Scientist/Specialist II	
0.2 hours @ \$100.00 per hour	\$ 20.00
Technicians/Administrative	\$ 15.00
<i>Subtotal, 237 Peninsula Road</i>	<i>\$ 35.00</i>

Turtle Lake Drainage Improvement

Telephone conversation with applicant; reviewed revised drawings; prepared letter of approval to the City of Plymouth and Mn/DNR.

James P. Herbert, Principal Engineer/Scientist	
1.5 hours @ \$145.00 per hour	\$ 217.50
Rita W. Weaver, Engineer/Scientist/Specialist II	
1.6 hours @ \$100.00 per hour	\$ 160.00

Technicians/Administrative.....	\$	22.50
<i>Subtotal, Turtle Lake Drainage Improvement.....</i>		
	\$	400.00

45th & Nathan Lane Drainage Improvement

Telephone conversation with applicant; reviewed revised drawings; prepared letter of approval to the City of Plymouth and Mn/DNR.

James P. Herbert, Principal Engineer/Scientist		
2.1 hours @ \$145.00 per hour	\$	304.50
Rita W. Weaver, Engineer/Scientist/Specialist II		
1.6 hours @ \$100.00 per hour.....	\$	160.00
Technicians/Administrative.....	\$	22.50
<i>Subtotal, 45th & Nathan Lane Drainage Improvement</i>		
	\$	487.00

Sunset Hill Elementary 2013 Bldg Add'n and Renovation

Telephone conversations and emails with city staff and applicant; reviewed revised grading, drainage and erosion control plan; prepared letter of approval to City of Plymouth.

James P. Herbert, Principal Engineer/Scientist		
1.5 hours @ \$145.00 per hour	\$	217.50
Rita W. Weaver, Engineer/Scientist/Specialist II		
0.3 hours @ \$100.00 per hour.....	\$	30.00
Technicians/Administrative.....	\$	45.00
<i>Subtotal, Sunset Hill Elementary 2013 Bldg Add'n.....</i>		
	\$	292.50

Greenwood Elementary School

Telephone conversations and emails with city staff and applicant; reviewed revised grading, drainage and erosion control plan; prepared letter of approval to city of Plymouth.

James P. Herbert, Principal Engineer/Scientist		
2.8 hours @ \$145.00 per hour	\$	406.00
Rita W. Weaver, Engineer/Scientist/Specialist II		
1.2 hours @ \$100.00 per hour.....	\$	120.00
Technicians/Administrative.....	\$	22.50
<i>Subtotal, Greenwood Elementary School.....</i>		
	\$	548.50

Golden Valley 2013 PMP

Telephone conversations and emails with city staff and applicant; reviewed grading, drainage and erosion control plan; prepared memorandum to BCWMC.

James P. Herbert, Principal Engineer/Scientist		
0.8 hours @ \$145.00 per hour	\$	116.00

Rita W. Weaver, Engineer/Scientist/Specialist II	
2.6 hours @ \$100.00 per hour.....	\$ 260.00
Technicians/Administrative.....	\$ 37.50
<i>Subtotal, Golden Valley 2013 PMP</i>	<i>\$ 413.50</i>

I-GV-461 Relief Force Main

Telephone conversations and emails with city staff and applicant; reviewed drawings and erosion control plan; prepared letter of recommendation to city of Golden Valley.

James P. Herbert, Principal Engineer/Scientist	
0.8 hours @ \$145.00 per hour	\$ 116.00
Rita W. Weaver, Engineer/Scientist/Specialist II	
1.8 hours @ \$100.00 per hour.....	\$ 180.00
Technicians/Administrative.....	\$ 37.50
<i>Subtotal, I-GV-461 Relief Force Main.....</i>	<i>\$ 333.50</i>

<i>Subtotal Plat Review</i>	<i>\$ 3,974.00</i>
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COMMISSION AND TAC MEETINGS

Attended January 3 TAC meeting and January 17 Commission meeting.

Karen L. Chandler, Engineer/Scientist/Specialist III	
6.1 hours @ \$145.00 per hour.....	\$ 884.50
<i>Subtotal, Commission Meetings.....</i>	<i>\$ 884.50</i>

SURVEYS AND STUDIES – XP-SWMM Structure Updates

XP-SWMM structure updates including modeling new structures and losses; revising rating curve data and QAQC.

Rita W. Weaver, Engineer/Scientist/Specialist II	
19.0 hours @ \$100.00 per hour.....	\$ 1,900.00
John E. McCarthy, Engineer/Scientist/Specialist I	
41.0 hours @ \$75.00 per hour	\$ 3,075.00
<i>Subtotal, Surveys and Studies.....</i>	<i>\$ 4,975.00</i>

WATER QUALITY MONITORING

Computation of HBI and ICI biotic index indicators; communications with MPCA staff regarding new MIBI biotic index; review of 2012 WOMP flow data; and preparation of report.

James P. Herbert, Principal Engineer/Scientist 1.5 hours @ \$145.00 per hour	\$ 217.50
Margaret R. Rattei, Engineer/Scientist/Specialist II 98.1 hours @ \$115.00 per hour	\$ 11,281.50
Christopher J. Bonick, Engineer/Scientist/Specialist II 0.5 hours @ \$105.00 per hour	\$ 52.50
John E. McCarthy, Engineer/Scientist/Specialist I 13.4 hours @ \$75.00 per hour	\$ 1,005.00
Technicians/Administrative	\$ 60.00
<i>Subtotal, Water Quality Monitoring</i>	<i>\$ 12,616.50</i>

WATER QUANTITY

Measured and reviewed lake level elevations as part of the lake-gauging program; requested flow data from city of Golden Valley staff; reviewed survey of Medicine Lake outlet structure and bridge.

James P. Herbert, Principal Engineer/Scientist 0.5 hours @ \$145.00 per hour	\$ 72.50
Technicians/Administrative	\$ 552.50
Expenses (Mileage/2WD vehicle)	\$ 51.38
<i>Subtotal, Water Quantity</i>	<i>\$ 676.38</i>

FLOOD CONTROL PROJECT INSPECTION

Coordination with City staff, prepared 2012 annual flood control structure inspection letters and recommendations to City staff and MnDOT.

James P. Herbert, Principal Engineer/Scientist 8.5 hours @ \$145.00 per hour	\$ 1,232.50
Technicians/Administrative	\$ 180.00
<i>Subtotal, Watershed Inspection</i>	<i>\$ 1,412.50</i>

TOTAL ENGINEERING \$ **37,960.21**

SECRETARIAL SERVICES

SECRETARIAL SERVICES EXPENSES

Administrative expenses requested by Amy Herbert including: copies, color copies for meeting packet; postage.

Expenses (B&W/color copies/postage)	\$ 371.04
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TOTAL SECRETARIAL SERVICES EXPENSES \$ **371.04**

PLANNING

WATERSHED-WIDE XP-SWMM MODEL

Review and debugging of watershed-wide XP-SWMM model; reviewed pipe losses, revised reaches based on Annapolis Lane and Scanton drawings; filled in depth for areas of negative slope and corrected negative flow areas; subdivided pipes with bends and added losses; revised storage curves; added precipitation to nodes; reviewed culvert in MnDOT data base; modified watershed areas; modified the 3rd Avenue model; prepared and performed preliminary model calibration to Wisconsin Ave.; processed precipitation from August 2010 and April 2011; QA/QC review.

Rita W. Weaver, Engineer/Scientist/Specialist II	
1.3 hours @ \$100.00 per hour	\$ 130.00
John E. McCarthy, Engineer/Scientist/Specialist I	
76.7 hours @ \$75.00 per hour	\$ 5,752.50
Ross S. Mullen, Engineer/Scientist/Specialist I	
8.9 hours @ \$65.00 per hour	\$ 858.00
Margaret A. Wright, Engineer/Scientist/Specialist I	
0.3 hours @ \$65.00 per hour	\$ 19.50
Expenses (Color plotter).....	\$ 20.00
<i>Subtotal, Watershed-wide XP-SWMM Model.....</i>	<i>\$ 6,500.50</i>

WATERSHED-WIDE P8 WATER QUALITY MODEL

Review and debugging of watershed-wide P8 water quality model; prepared figures and edited tables; reviewed P8 modeling results and internal meeting regarding P8 modeling calibration; compiled monitoring data; prepared methodology memorandum; preparation of report; final P8 model mapping and QA/QC review.

Gregory J. Wilson, Engineer/Scientist/Specialist III	
9.7 hours @ \$140.00 per hour	\$ 1,358.00
Margaret R. Rattei, Engineer/Scientist/Specialist II	
1.0 hours @ \$115.00 per hour	\$ 115.00
John E. McCarthy, Engineer/Scientist/Specialist I	
23.2 hours @ \$75.00 per hour	\$ 1,740.00
Ross S. Mullen, Engineer/Scientist/Specialist I	
5.5 hours @ \$65.00 per hour	\$ 357.50
Joshua R. Vosejpka, Engineer/Scientist/Specialist I	
8.5 hours @ \$65.00 per hour	\$ 552.50
<i>Subtotal, Watershed-wide P8 Water Quality Model.....</i>	<i>\$ 4,123.00</i>

NEXT GENERATION PLAN

General

Coordination with administrator and Linda Loomis; internal meetings regarding overall plan schedule and plan development; revised Next Generation Plan schedule/Gantt chart; prepared for and attended

January 7 Steering Committee meeting; provided files to Linda Loomis; revised plan schedule and tasks for BCWMC January meeting packet; reviewed draft meeting notes; attended January 24 meeting with administrator and Linda Loomis to further develop work scope and budget, and prepare for Steering Committee meeting; prepared for and attended January 28 Steering Committee meeting; internal meeting regarding scope for plan development.

Karen L. Chandler, Engineer/Scientist/Specialist III	
15.8 hours @ \$145.00 per hour	\$ 2,291.00
Sterling G. Williams, Engineer/Scientist/Specialist II	
8.7 hours @ \$95.00 per hour	\$ 826.50
<i>Subtotal, General</i>	\$ 3,117.50

Gaps Analysis

Internal meetings to review gaps analysis; prepared for and attended BCWMC workshop on Gaps Analysis.

Leonard J. Kremer, Principal Engineer/Scientist	
3.0 hours @ \$160.00 per hour	\$ 480.00
Karen L. Chandler, Engineer/Scientist/Specialist III	
3.2 hours @ \$145.00 per hour	\$ 464.00
Sterling G. Williams, Engineer/Scientist/Specialist II	
2.5 hours @ \$95.00 per hour	\$ 237.50
<i>Subtotal, Gaps Analysis</i>	\$ 1,181.50
<i>Subtotal, Next Generation Plan</i>	\$ 4,299.00

TOTAL PLANNING \$ **14,922.50**

ANNUAL REPORT

TOTAL ANNUAL REPORT \$ **0.00**

WEBSITE

Format and publish rotating photos to website home page

Technicians/Administrative	\$ 62.50
<i>Subtotal, Website</i>	\$ 62.50
TOTAL WEBSITE	\$ 62.50

WATERSHED OUTLET MONITORING PROGRAM (WOMP)

Reviewed 2012 discharge measurements and rating curve; setup and download files/folders for 2013 program.

Christopher J. Bonick, Engineer/Scientist/Specialist II	
6.0 hours @ \$105.00 per hour	\$ 630.00
Rita W. Weaver, Engineer/Scientist/Specialist II	
8.3 hours @ \$100.00 per hour	\$ 830.00
<i>Subtotal, Watershed Outlet Monitoring Program.....</i>	<i>\$ 1,460.00</i>
TOTAL WOMP.....	\$ 1,460.00

CAPITAL IMPROVEMENT PROJECTS (Funded through tax levy)

PLYMOUTH CREEK RESTORATION PROJECT (2010 CR)

Internal meetings regarding grant closeout requirements; reviewed and posted 2012 invoices to eLINK; tracked invoices for Final Financial Report; prepared interim and final financial reports, including submittal of final invoices and financial reports; reviewed/completed Final Financial Forms and sent to vice chair for signature as part of BWSR grant closeout process.

Karen L. Chandler, Engineer/Scientist/Specialist III	
2.4 hours @ \$145.00 per hour	\$ 348.00
Jeffrey D. Weiss, Engineer/Scientist/Specialist II	
1.8 hours @ \$100.00 per hour	\$ 180.00
Amy R. Mikus, Engineer/Scientist/Specialist I	
23.0 hours @ \$80.00 per hour	\$ 1,840.00
<i>Subtotal, Plymouth Creek Restoration Project.....</i>	<i>\$ 2,368.00</i>

CRYSTAL-REGENT AVENUE (2010 CR)

Internal meetings regarding grant closeout requirements; reviewed and posted 2012 invoices to eLINK; tracked invoices for Final Financial Report; prepared interim and final financial reports, including submittal of final invoices and financial reports; reviewed/completed Final Financial Forms and sent to vice chair for signature as part of BWSR grant closeout process.

Karen L. Chandler, Engineer/Scientist/Specialist III	
2.5 hours @ \$145.00 per hour	\$ 362.50
Jeffrey D. Weiss, Engineer/Scientist/Specialist II	
1.8 hours @ \$100.00 per hour	\$ 180.00
Amy R. Mikus, Engineer/Scientist/Specialist I	
23.0 hours @ \$80.00 per hour	\$ 1,840.00
<i>Subtotal, Crystal-Regent Avenue</i>	<i>\$ 2,382.50</i>

NORTH BRANCH (2011CR-NB)

Preliminary review of payment request.

James P. Herbert, Principal Engineer/Scientist	
0.5 hours @ \$145.00 per hour	\$ 72.50
<i>Subtotal, North Branch (2011CR-NB)</i>	<i>\$ 72.50</i>

WIRTH LAKE OUTLET MODIFICATION (WTH-4)

Internal meeting regarding BWSR grant reporting

Karen L. Chandler, Engineer/Scientist/Specialist III	
0.2 hours @ \$145.00 per hour	\$ 29.00
<i>Subtotal, Wirth Lake Outlet Modification</i>	<i>\$ 29.00</i>

IRVING AVE (CONDUIT ENTR) TO GOLDEN VALLEY RD (2012 CR)

Phone conversation with design engineer regarding environmental issue along project reach, reviewed feasibility study; internal meeting regarding BWSR grant reporting, feasibility study and design engineer information request.

James P. Herbert, Principal Engineer/Scientist	
1.5 hours @ \$145.00 per hour	\$ 217.50
Karen L. Chandler, Engineer/Scientist/Specialist III	
1.2 hours @ \$145.00 per hour	\$ 174.00
<i>Subtotal, Irving Avenue to Golden Valley Road</i>	<i>\$ 391.50</i>

TWIN LAKE ALUM TREATMENT PROJECT (TW-2)

Coordination regarding Twin Lake feasibility study; review of historical documents; internal review of biomanipulation approach; development of cost estimates for the feasibility study including preparation of alum and aeration cost estimate spreadsheet; phone conversations with Solar Bee regarding aeration costs; reviewed fisheries management options and prepared cost estimate.

James P. Herbert, Principal Engineer/Scientist	
0.5 hours @ \$145.00 per hour	\$ 72.50
Keith M. Pilgrim, Engineer/Scientist/Specialist III	
3.1 hours @ \$125.00 per hour	\$ 387.50
Ronald M. Koth, Engineer/Scientist/Specialist II	
2.8 hours @ \$110.00 per hour	\$ 308.00
Amy R. Mikus, Engineer/Scientist/Specialist I	
9.5 hours @ \$80.00 per hour	\$ 760.00
<i>Subtotal, Twin Lake Alum Treatment Project (TW-2)</i>	<i>\$ 1,528.00</i>

TOTAL CAPITAL IMP PROJECTS (Tax Levy)\$ 6,771.50

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

TMDL STUDIES

TMDL IMPLEMENTATION\

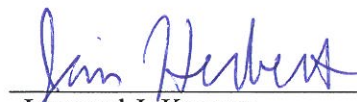
Prepared TMDL implementation status update and reviewed MS4 permitting, reviewed Sweeney Lake watershed TMDL implementation plan; prepared memo for January BCWMC meeting regarding TMDL implementation tracking status.

Karen L. Chandler, Engineer/Scientist/Specialist III	
2.1 hours @ \$145.00 per hour	\$ 304.50
Gregory J. Wilson, Engineer/Scientist/Specialist III	
6.0 hours @ \$140.00 per hour	\$ 840.00
<i>Subtotal, TMDL Implementation</i>	<i>\$ 1,144.50</i>
TOTAL TMDL STUDIES.....	\$ 1,144.50

SUMMARY TOTALS

Total Engineering.....	\$ 37,960.21
Total Secretarial Services Expenses	\$ 371.04
Total Planning.....	\$ 14,922.50
Total Annual Report/Website.....	\$ 62.50
Total WOMP	\$ 1,460.00
Total Capital Improvement Projects (Tax Levy)	\$ 6,771.50
Total Capital Improvement Projects (Maintenance Funds)	\$ 0.00
Total TMDL Studies	\$ 1,144.50
TOTAL PAYABLE	\$ 62,692.25

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



Leonard J. Kremer