

Central Plymouth County Water District Commission

Minutes of Tuesday November 30, 2021, ZOOM Meeting

The meeting took place via Zoom video/teleconference due to current COVID-19 social distancing recommendations issued by Governor Charles Baker.

Chair Zygmunt opened the meeting. Quorum was reached with three Commissioners voting in affirmative, roll call vote: Commissioner Sotir – yes, Commissioner O’Leary – yes, and Chair Zygmunt – yes. The meeting began at 12:02 PM. The meeting was recorded.

Meeting attendees identified included Al DeGirolamo from State Senator Michael Brady’s office, CPCWDC Advisory Board member Councilor Susan Nicastro of Brockton, Brad Chase from the Division of Marine Fisheries of Massachusetts, Patrick Hill Director for the City of Brockton DPW, Pine duBois of Jones River Watershed Association, Bill Napolitano of Taunton, Bernadette Kolb and Zac Eichenwald from CDM Smith, and Charles Matthewson, of WATD. Matt Ladewig from ESS Group, Inc attended as the Silver Lake Water Quality Monitoring Project consultant and Consultant Kim Groff from Kimberly Groff Consulting. Frank Basler, Plymouth County, attended and took minutes.

Matt Ladewig, ESS Group discussed the latest timeline (attached) and shared the following highlights:

1. Sampling Activities: Progress to date briefing using attached spreadsheet as a tool. Matt shared a draft map of invasive plant cover (found three aquatic invasive species in Silver Lake, including both Eurasian and variable-leaf milfoils, as well as fanwort) and dissolved oxygen profiles for the September through November period. He finally discussed what ESS anticipates will be happening in the field in December/January.
2. Revised SAP: Primary revision was to add an appendix with written public comments. ESS can also include a comment summary matrix, if the Commissioners agree that it would be helpful. This would include summaries of both verbal and written comments to be inserted at the end of the SAP narrative. Given that field program is already well underway and there are still decisions to make about the 2022 field program, Matt suggested the SAP be finalized with this change. Public comments about site locations and methodologies can be addressed, where appropriate, by including that information in the QAPP. Public comments about factors with a scope/cost implication can be addressed through amendments to the SAP and /or QAPP, if the Commission determines that it would like to expand the scope of the study at a later date.

Matt suggested approving the SAP with adding a summary matrix of the public comments and an appendix with all comments – Commissioner O’Leary made this a motion. Seconded by Commissioner Sotir. Roll call vote: Commissioner Sotir – yes, Commissioner O’Leary – yes, and Chair Zygmunt – yes. Passes unanimously.

3. Draft QAPP: Kim suggested that the QAPP is something that should not change down the road. Matt suggested having Kim review and comment, then submit to EPA for review once those comments are addressed. EPA will need at least 30 days to review (but does not need to be formally approved due to funding source). Matt thought it would be very helpful to get EPA input before picking up the in-lake sampling again in March 2022. Matt will forward the updated QAPP to Kim over the next few weeks and

then submit in January. Kim mentioned that the DEP would like to see the QAPP and should be submitted there in a parallel process with the EPA.

The Commissioners agreed for Kimberly Groff to review and comment on the QAPP, then submit to EPA and DEP for review once those comments are addressed.

4. Diversion Status: Part of the sampling program was to be focused on water diversions, but wet weather may have interfered with that. Chair Zygmunt asked Patrick Hill to update the group on diversions to Silver Lake during the fall and he stated that there was an emergency diversion back in September for a number of days (not sure whether 7 or 10 days) at 100% (outside the allowed diversion period) and are diverting now too. He will get the specifics to Matt via email.

5. Outreach Going Forward: Matt asked about timing and goals for leaflet(s) and public engagement on study results. He asked if the dates originally planned in the schedule leave enough time to identify key findings that the Commissioners would like to highlight in outreach materials. He also discussed the extension of the Sampling Program into Summer 2022. He discussed the advantages of extending the field program. Kim stated that it makes sense to extend the public engagement until after sampling is closer to completion. The Commissioners agreed with this idea. Matt will put together a quote for extending the sampling program and have it back for the December meeting.

Commissioner Sotir asked if the early plant studies were what ESS expected to see. Matt says that what was found was in line with expectations given local conditions but given that there is no public access, he did not think the three species would be as prominent. Matt and Kim signed off the meeting at this point.

Commissioner O'Leary moved to accept the minutes of September 28, 2021, Seconded by Commissioner Sotir. Roll call vote: Commissioner Sotir – yes, Commissioner O'Leary – yes, and Chair Zygmunt – yes. Passes unanimously.

Chair Zygmunt asked Frank for an overview of the Finance Report. The October 31, 2021, bank balance was \$502,071.90 and included FY 22 funds of \$50,000 which Senator Brady assisted with securing as a fiscal earmark. Frank Basler asked for approval of the Commissioners of the below invoices. Commissioner O'Leary made a motion to approve and pay the below invoices. Seconded by Commissioner Sotir. Roll call vote: Commissioner Sotir – yes, Commissioner O'Leary – yes, and Chair Zygmunt – yes. Passes unanimously.

- Weebly – two-year domain registration invoice, reimbursing Frank Basler for \$53.90
- Weebly – two-year web site use fee, reimbursing Frank Basler for \$229.50
- ESS October 15 invoice #52953 for \$9,851.40
- ESS November 10 invoice #53043 for \$11,005.78
- Tuttle Land Surveying September 18 invoice #17-112.3 for \$1,038.00

Commissioner O'Leary then updated the Commissioners on the hydrodredge MOU. Invoicing and insurance could be managed through the County, working with DFF, and there would be a fee associated with using the dredge by the local organizations. Motion by Commissioner O'Leary, to approve the MOU as amended and authorize Frank Basler to sign in behalf of the Commissioners. Commissioner Sotir seconded the motion. Roll call vote: Commissioner Sotir – yes, Commissioner O'Leary – yes, and Chair Zygmunt – yes.

Passes unanimously. The County will prepare an RFP for the hydrodredge, working with DMF and Pine duBois and have it ready for the Commissioners at the January meeting.

The Chair updated the meeting on discussions about public water agreements that Brockton is engaged in. The agreements will be forwarded to the Commissioners from the Chair. This information will help clarify where Brockton water is used. These documents will be discussed at a future meeting.

The Chair then discussed Halifax Town Manager Charlie Seelig's request concerning high water levels in Monponsett Pond and a field trip to dam. Patrick Hill, director for the City of Brockton DPW shared that Brockton is willing to work with Halifax to resolve these issues. Mr. Hill rejoined the meeting to discuss the topic. DEP is an advisory organization to divert water to Brockton, but the Commissioners are the actual approvers of the diversion. Mr. Hill will review the law and be available to discuss later. The Chair will email to the group a 2015 correspondence from the state to the group which outlines when diversions are allowed.

Commissioner O'Leary asked that the Commissioners should have a future discussion about having plans available about how ARPA funds or the infrastructure funds could be invested within the District.

The next meeting will be a Zoom meeting on Tuesday, December 26, 2021, at noon. The meeting following is a Zoom meeting on January 25, 2021.

Motion to adjourn at 1:30 P.M. Roll call vote: Commissioner Sotir – yes, Commissioner O'Leary – yes, and Chair Zygmunt – yes. Passes unanimously.

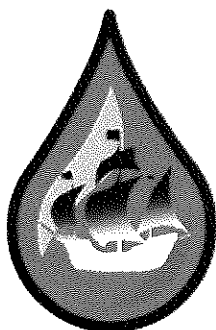
Submitted by Frank Basler

Handouts: Agenda for November 30, 2021, ESS Group Updated Timeline, Financial Report as of October 31, 2021, and invoices to be paid.

CENTRAL PLYMOUTH COUNTY
WATER DISTRICT COMMISSION

44 OBERY STREET, PLYMOUTH, MA 02360

WWW.CENTRALPLYMOUTHCOUNTYWATER.ORG



JOANNE ZYGMUNT, CHAIR, BROCKTON
JZYGMUNT@PLYMOUTHCOUNTYMA.GOV

JACK O'LEARY, PLYMPTON
JOLEARY@PLYMOUTHCOUNTYMA.GOV

MARK SOTIR, PEMBROKE
MSOTIR@PLYMOUTHCOUNTYMA.GOV

NOTICE OF MEETING

DATE & TIME: **Tuesday, November 30, 2021, 12:00 PM**

MEETING LOCATION: **Zoom video/Teleconference**

This meeting notice is being filed and posted in each city or town within the Central Plymouth County Water District, pursuant to General Law Chapter 30A, Section 20. Said notice and agenda must be filed in the offices of the city and town clerks within the District **at least 48 hours** prior to such meeting. Such filing and posting shall be the responsibility of the officer calling the meeting.

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/86947113129?pwd=SHI5RDQwZ3Nndllvck5vZ3FuWWlJUT09>

Password: 135797

Or telephone dial +1 646 518 9805 or +1 646 558 8656 ID: 869 47113129 Password: 135797

AGENDA

Meeting opening

Update on ESS Project: sampling activities, revised Sampling and Analysis Plan, permission to finalize SAP, Draft QAPP in prep seeking permission to submit QAPP to EPA for approval, clarify if diversion occurred for Monponsett Pond over the summer, ESS will provide monthly verbal/written updates, discuss Commissions thoughts regarding the comments received to date on the SAP and outreach moving forward, and preliminary discussion on extending the sampling program into summer 2022

Approval of minutes: Tuesday, September 28, 2021

Finance report, funds from DCR, and invoice approval

Update and discussion on proposal to purchase hydrodredge

Update on information on Brockton water supply agreements and possible action

Update on Chair Zygmunt's discussions with DPW Director Patrick Hill

Halifax Request from Town Administrator Seelig: high water levels in Monponsett Pond and field trip to dam

Other business not anticipated by Chair

Adjourn

Posted on Monday, November 23, 2021, at 12:00 PM at each of the eight Clerk's offices listed below and the County web site at www.plymouthcountyma.gov



CPCWDC - Silver Lake
Detailed Project Schedule: June 2021 to June 2022

Task	2021												2022				
	June	July	August	September	October	November	December	January	February	March	April	May	June	June	June	June	June
1 Administration and Reporting																	
Project Kick-off																	
Project Detail																	
Status Updates/Meetings																	
2. SAP and QAPP																	
Draft SAP																	
Revised SAP																	
Final SAP																	
Draft QAPP																	
Revised QAPP																	
Final QAPP																	
3. Public Input Plan																	
Draft PIP																	
Final PIP																	
SAP Review Meeting																	
Draft Launch Informational Leaflet																	
Final Launch Informational Leaflet																	
Public Listening Session																	
Draft Project Informational Leaflet																	
Final Project Informational Leaflet																	
4. SAP Implementation																	
Bathymetric, Aquatic Plant, and Benthic Surveys																	
In-Lake Water Column & Quality Sampling																	
In-Lake Bacteria Testing (approved under Task 4)																	
In-Lake Cyanotoxin Testing (approved under Task 4)																	
Upstream and Downstream Monitoring																	
Groundwater Assessment																	
Draft Technical Memorandum																	
Revised Final Technical Memorandum																	
Internal P-Loading Analysis and Water Quality Modeling (Not Yet Approved)																	
Sediment Coring and Phosphorus Fractionation																	
Water Quality Model																	

Planned Event
Completed Event
Planned Deliverable
Completed Deliverable

Financial Activity for CPCWDC

10/31/2021	Interest for October	\$	20.00	\$	502,071.90	statement balance 10/31/21 \$502,071.90
10/22/2021	State Earmark	\$	50,000.00	\$	502,051.90	administrative set aside
10/12/2021	ESS Consulting	\$	(21,783.01)	\$	452,051.90	chk# 1014
9/30/2021	Interest for September	\$	19.48	\$	473,834.91	
9/1/2021	Kimberly Groff Assoc	\$	(2,625.00)	\$	473,815.43	chk # 1012
8/31/2021	Interest for August	\$	20.39	\$	476,440.43	statement balance 8/31/21 \$476,440.43
8/25/2021	Frank Basler	\$	(130.76)	\$	476,420.04	
8/25/2021	Plymouth County	\$	(4,730.08)	\$	476,550.80	chk \$1011 for services for FY 21
7/31/2021	Interest for July	\$	20.44	\$	481,280.88	statement balance 7/31/21 \$481,280.88
6/30/2021	Interest for June	\$	19.78	\$	481,260.44	statement balance 6/30/21 \$481,260.44
5/31/2021	Interest for May	\$	20.51	\$	481,240.66	
5/4/2021	Kimberly Groff Assoc	\$	(4,950.00)	\$	481,220.15	
4/30/2021	Interest for April	\$	19.98	\$	486,170.15	
3/31/2021	Interest for March	\$	20.64	\$	486,150.17	statement balance 3/31/21 \$486,150.17
2/28/2021	Interest for February	\$	18.65			
1/31/2021	Interest for January	\$	20.64	\$	486,110.88	statement balance 1/31/21 \$486,110.88
12/31/2020	Interest for December	\$	20.60	\$	486,090.24	statement balance 12/31/20 \$486,304.01
12/30/2020	brochure printing and acrylic holders	\$	(213.77)			reimb to Frank chk#
11/30/2020	Interest for November	\$	19.93	\$	486,283.41	statement balance 11/30/20 \$486,283.41
10/31/2020	Interest for October	\$	20.59			
9/30/2020	Interest for September	\$	20.02	\$	486,242.89	statement balance 9/30/20 \$486,497.89 - diff Source4 chk
9/16/2020	Invoice for Source4 for brochure final payment transfer for County Expenses	\$	(255.00)			pd #1007 \$255.00
	Interest for August	\$	(2,805.94)			pd #1008 \$2,805.94
8/31/2020	Interest for July	\$	22.06	\$	489,283.81	statement balance 8/31/20 \$
7/31/2020	Interest for March, April, May, and June	\$	41.44	\$	489,261.75	statement balance 7/31/20 \$489,220.31
6/30/2020	Interest for January and February	\$	260.56	\$	489,220.31	statement balance 6/30/20 \$489,220.31
2/29/2020	reimb to Basler for Weebly invoices #1006	\$	240.84	\$	488,959.75	statement balance 2/29/20 \$488,959.75
1/20/2020	Madeline M. Smith invoice 11/30/19 #1005	\$	(263.45)			pd #1006 \$263.45
1/20/2020	Interest December	\$	(1,025.00)			pd #1005 \$1,025.00
12/31/2019	Interest November	\$	124.82	\$	490,007.36	statement balance 12/31/2019 \$490,007.36
11/30/2020	Madeline M. Smith invoice 9/30/19 #1004	\$	91.36	\$	489,882.54	statement balance 11/30/2019 \$489,882.54
11/1/2019	DCR Transfer Admin Costs	\$	(1,210.39)			
11/15/2019	DCR Transfer special earmark	\$	50,000.00			
11/15/2019	Interest October	\$	155,000.00			
10/31/2019	Interest September	\$	97.13	\$	286,001.57	
9/30/2019	Interest for August	\$	94.13			
8/31/2019	Madeline M. Smith invoice #1003	\$	97.66	\$	285,810.31	statement balance 8/31/2019 \$287,565.31
8/27/2019	Interest for July	\$	(1,755.00)			
6/30/2019	Interest for June	\$	97.63			
6/30/2019	Interest for March, April, and May	\$	95.57	\$	287,370.02	statement balance 6/30/19 \$287,370.02
5/31/2019	Peter Tuttle final payment #1002	\$	302.58			
5/29/2019	County of Plymouth - Admin FY 19 and Expenses (7/1 to 4/30)	\$	(10,860.00)			email, admin fee \$1,500 for FY 19, and misc services
4/30/2019	interest through March 31, 2019	\$	(2,186.33)			
3/31/2019	DCR for water plan	\$	259.27			
1/22/2019	DCR for FY 19	\$	170,000.00			
1/22/2019	DCR for FY 18	\$	50,000.00			
6/1/2018	interest through May 31, 2018	\$	50,000.00			
5/30/2018	Peter Tuttle #1003	\$	138.53			
4/19/2018	County of Plymouth - FY 18 Admin and Expenses	\$	(7,950.00)			email, bussiness cards, admin fee \$1,000 FY '18
3/8/2018	Corona Environment	\$	(1,227.40)			
3/8/2018	County of Plymouth - FY 17 Admin and Expenses	\$	(9,900.00)			email, bussiness cards, envelopes, admin fee \$1,000 FY '17
1/30/2017	DCR for FY 16	\$	(1,302.20)			
5/15/2016		\$	50,000.00			

11/30/2021

Frank Basler

From: Weebly <support@weebly.com>
Sent: September 15, 2021 2:01 PM
To: Water District
Subject: Your Renewal Receipt For centralplymouthcountywater.org



Hi Francis,

Thanks for choosing Weebly. This is to confirm the renewal of your 2 years domain.
Here is a summary of your order:

Order Date: Sep 15, 2021
Order Number: 973798260543133566
Account ID: 126408911
Account Name: Francis Basler
VAT Number: 046001430

Paid by:
Francis Basler
County of Plymouth
60 Robbins Road, Unit 24
Plymouth, MA 02360

Item	Term	Quantity	Price
Domain centralplymouthcountywater.org Renews every 2 years	2 years	1	\$33.90
Add-on: Domain Privacy Renews every 2 years	--	1	\$20.00

Subtotal: \$53.90

MA State Tax: \$0.00

Total: \$53.90

Paid with Visa ending in 3504

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Thanks,
The Weebly Team

Your subscription is set to automatically renew and your selected payment method will be charged \$53.90 (plus any applicable taxes) every 2 years until you cancel your subscription. You may cancel your subscription at any time from your account settings or by contacting us.



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1455 Market Street, Suite 600, San Francisco, CA 94103

Frank Basler

From: Weebly <support@weebly.com>
Sent: October 25, 2021 2:10 PM
To: Water District
Subject: Your Renewal Receipt



Hi Francis,

This is to confirm the renewal of your 2 years Pro Site.
Here is a summary of your order:

Order Date: Oct 25, 2021

Order Number: 984023334214987597

Account ID: 126408911

Account Name: Francis Basler

VAT Number: 046001430

Paid by:

Francis Basler

County of Plymouth

60 Robbins Road, Unit 24

Plymouth, MA 02360

Item	Term	Quantity	Price
Pro Site Plan For your site Central Plymouth County Water District Commission - www.centralplymouthcountywater.org Expires on Oct 25, 2023	2 years	1	\$216.00

Subtotal: \$216.00

MA State
Tax: \$13.50

Total: \$229.50



Invoice Number 52953

October 15, 2021

Page Number 1

CENTRAL PLYMOUTH COUNTY WATER DISTRICT COMMISSION
44 OBERY STREET
PLYMOUTH, MA 02360

For professional services rendered through 10/02/2021

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM
CLIENT CONTACT: FRANK BASLER, ADMINISTRATOR

PROFESSIONAL SERVICES

Project C663-000 01 ADMINISTRATION AND REPORTING

Professional Services	Week Ending	Hours	Rate	Amount
LADEWIG, MATTHEW D				
	10/02/2021	1.00	215.00	215.00
	Services Total	1.00		215.00

Project C663-000 02 DEVELOPMENT OF SAP/QAPP

Professional Services	Week Ending	Hours	Rate	Amount
HERSHBERGER, JEFFREY G				
	10/02/2021	0.25	185.00	46.25
LADEWIG, MATTHEW D				
	09/25/2021	1.25	185.00	231.25
LATHAM, TIERNEY				
	09/18/2021	0.25	95.00	23.75
	Services Total	1.75		301.25

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 52953
October 15, 2021
Page Number 2

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Project C663-000 03 PUBLIC INPUT PLAN

Professional Services	Week Ending	Hours	Rate	Amount
LADEWIG, MATTHEW D				
	10/02/2021	0.25	215.00	53.75
Services Total		0.25		53.75

Project C663-000 04 BATHYMETRIC AND AQUATIC PLANT SURVEYS

Professional Services	Week Ending	Hours	Rate	Amount
DEHAINAUT, SCOTT				
	10/02/2021	0.50	95.00	47.50
LADEWIG, MATTHEW D				
	10/02/2021	1.50	95.00	142.50
NONNENMACHER, NICHOLAS				
	09/11/2021	10.50	95.00	997.50
PROKO, MORGAN				
	09/11/2021	5.00	95.00	475.00
TREACY, JAMES				
	09/25/2021	3.00	95.00	285.00
	10/02/2021	9.00	95.00	855.00
Services Total		29.50		2,802.50

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 52953
October 15, 2021
Page Number 3

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Project C663-000 05 WATER COLUMN & WATER QUALITY SAMPLING

Professional Services	Week Ending	Hours	Rate	Amount
LADEWIG, MATTHEW D				
	09/11/2021	3.50	95.00	332.50
	09/18/2021	0.75	95.00	71.25
	09/25/2021	1.25	95.00	118.75
LATHAM, TIERNEY				
	10/02/2021	6.25	95.00	593.75
NONNENMACHER, NICHOLAS				
	10/02/2021	6.75	95.00	641.25
O'BRIEN, MARGARET				
	09/11/2021	0.25	95.00	23.75
OCHS, ADDISON				
	09/25/2021	2.75	95.00	261.25
PROKO, MORGAN				
	09/11/2021	5.00	95.00	475.00
Services Total		26.50		2,517.50

Project C663-000 06 UPSTREAM AND DOWNSTREAM MONITORING

Professional Services	Week Ending	Hours	Rate	Amount
LATHAM, TIERNEY				
	10/02/2021	11.25	95.00	1,068.75
NONNENMACHER, NICHOLAS				
	10/02/2021	11.25	95.00	1,068.75

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 52953

October 15, 2021

Page Number 4

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Services Total

22.50

2,137.50

SUB-CONSULTANT EXPENSE

Project C663-000 05 WATER COLUMN & WATER QUALITY SAMPLING

Sub-Consultant Expense	Date	Cost	Mult	Amount
ALPHA ANALYTICAL LABS INC				
	09/14/2021	163.00	1.10	179.30
PHOENIX ENVIRONMENTAL LABS, INC				
	09/17/2021	320.00	1.10	352.00
Consultant Total:				531.30

REIMBURSABLE EXPENSES

Project C663-000 01 ADMINISTRATION AND REPORTING

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
COMMUNICATION FEE					
	10/02/2021	8.60	1.00	1.00	8.60
Reimbursable Total:					8.60

Project C663-000 02 DEVELOPMENT OF SAP/QAPP

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
COMMUNICATION FEE					
	10/02/2021	12.05	1.00	1.00	12.05
Reimbursable Total:					12.05

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 52953
October 15, 2021
Page Number 5

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Project C663-000 03 PUBLIC INPUT PLAN

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
COMMUNICATION FEE					
	10/02/2021	2.15	1.00	1.00	2.15
Reimbursable Total:					2.15

Project C663-000 04 BATHYMETRIC AND AQUATIC PLANT SURVEYS

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
MILEAGE - EMPLOYEE VEHICLE USE					
	09/11/2021	49.28	1.00	1.10	54.21
JOB SUPPLIES - GENERAL					
	09/11/2021	2.49	1.00	1.10	2.74
	09/11/2021	9.82	1.00	1.10	10.80
COMPANY VEHICLE MILEAGE					
	09/07/2021	.00	99.00	.56	55.44
COMMUNICATION FEE					
	10/02/2021	112.10	1.00	1.00	112.10
PLASTIC VAN DORN BOTTLE					
	09/30/2021	.00	1.00	20.00	20.00
BOAT					
	09/30/2021	.00	3.00	75.00	225.00
TRIMBLE GPS UNIT					
	09/30/2021	.00	3.00	125.00	375.00
DISSECTING MICROSCOPE					
	09/30/2021	.00	1.00	25.00	25.00
YSI (DO, CONDUCTIVITY, SALINITY, TEMPERATURE)					
	09/30/2021	.00	1.00	75.00	75.00
METER PENS (pH, temp)					
	09/30/2021	.00	1.00	20.00	20.00

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 52953

October 15, 2021

Page Number 6

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Project C663-000 04 BATHYMETRIC AND AQUATIC PLANT SURVEYS

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
DEPTHFINDER (SONAR HANDHELD)					
	09/30/2021	.00	3.00	15.00	45.00
LAMOTTE TURBIDITY METER					
	09/30/2021	.00	1.00	20.00	20.00
Reimbursable Total:					1,040.29

Project C663-000 05 WATER COLUMN & WATER QUALITY SAMPLING

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
COMPANY VEHICLE MILEAGE					
	10/01/2021	.00	76.00	.56	42.56
COMMUNICATION FEE					
	10/02/2021	100.70	1.00	1.00	100.70
BLACK & WHITE COPIES -STANDARD					
	10/02/2021	.00	5.00	.15	0.75
Reimbursable Total:					144.01

Project C663-000 06 UPSTREAM AND DOWNSTREAM MONITORING

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
COMMUNICATION FEE					
	10/02/2021	85.50	1.00	1.00	85.50
Reimbursable Total:					85.50

Invoice Amount: \$9,851.40

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR; EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 53043

November 10, 2021

Page Number 1

CENTRAL PLYMOUTH COUNTY WATER DISTRICT COMMISSION
44 OBERY STREET
PLYMOUTH, MA 02360

For professional services rendered through 10/30/2021

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM
CLIENT CONTACT: FRANK BASLER, ADMINISTRATOR

PROFESSIONAL SERVICES

Project C663-000 02 DEVELOPMENT OF SAP/QAPP

Professional Services	Week Ending	Hours	Rate	Amount
LADEWIG, MATTHEW D				
	10/09/2021	1.00	215.00	215.00
	10/23/2021	7.00	215.00	1,505.00
	10/30/2021	5.00	215.00	1,075.00
LATHAM, TIERNEY				
	10/16/2021	6.75	95.00	641.25
PROKO, MORGAN				
	10/09/2021	1.00	130.00	130.00
	10/30/2021	1.50	130.00	195.00
Services Total		22.25		3,761.25

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Invoice Number 53043

November 10, 2021

Page Number 2

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Project C663-000 04 BATHYMETRIC AND AQUATIC PLANT SURVEYS

Professional Services	Week Ending	Hours	Rate	Amount
PROKO, MORGAN				
	10/16/2021	7.50	95.00	712.50
TREACY, JAMES				
	10/09/2021	1.50	95.00	142.50
	10/16/2021	5.00	95.00	475.00
Services Total		14.00		1,330.00

Project C663-000 05 WATER COLUMN & WATER QUALITY SAMPLING

Professional Services	Week Ending	Hours	Rate	Amount
NONNENMACHER, NICHOLAS				
	10/09/2021	1.75	95.00	166.25
	10/16/2021	5.50	95.00	522.50
PROKO, MORGAN				
	10/09/2021	0.50	95.00	47.50
	10/16/2021	12.50	95.00	1,187.50
	10/23/2021	5.50	95.00	522.50
Services Total		25.75		2,446.25

Project C663-000 06 UPSTREAM AND DOWNSTREAM MONITORING

Professional Services	Week Ending	Hours	Rate	Amount
LADEWIG, MATTHEW D				
	10/16/2021	1.75	95.00	166.25

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 53043
November 10, 2021
Page Number 3

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Project C663-000 06 UPSTREAM AND DOWNSTREAM MONITORING

Professional Services	Week Ending	Hours	Rate	Amount
LATHAM, TIERNEY				
	10/09/2021	2.00	95.00	190.00
	10/16/2021	0.50	95.00	47.50
NONNENMACHER, NICHOLAS				
	10/16/2021	6.00	95.00	570.00
	10/30/2021	0.50	95.00	47.50
PROKO, MORGAN				
	10/16/2021	7.50	95.00	712.50
Services Total		18.25		1,733.75

SUB-CONSULTANT EXPENSE

Project C663-000 05 WATER COLUMN & WATER QUALITY SAMPLING

Sub-Consultant Expense	Date	Cost	Mult	Amount
AQUATIC ANALYSTS				
	10/06/2021	205.00	1.10	225.50
PHOENIX ENVIRONMENTAL LABS, INC				
	10/22/2021	240.00	1.10	264.00
Consultant Total:				489.50

Project C663-000 06 UPSTREAM AND DOWNSTREAM MONITORING

Sub-Consultant Expense	Date	Cost	Mult	Amount
PHOENIX ENVIRONMENTAL LABS, INC				
	10/22/2021	210.00	1.10	231.00
Consultant Total:				231.00

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 53043

November 10, 2021

Page Number 4

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

REIMBURSABLE EXPENSES

Project C663-000 02 DEVELOPMENT OF SAP/QAPP

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
<hr/>					
COMMUNICATION FEE					
	10/30/2021	150.45	1.00	1.00	150.45
Reimbursable Total:					150.45

Project C663-000 04 BATHYMETRIC AND AQUATIC PLANT SURVEYS

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
<hr/>					
COMMUNICATION FEE					
	10/30/2021	53.20	1.00	1.00	53.20
Reimbursable Total:					53.20

Project C663-000 05 WATER COLUMN & WATER QUALITY SAMPLING

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
<hr/>					
MILEAGE - EMPLOYEE VEHICLE USE					
	10/16/2021	56.00	1.00	1.10	61.60
JOB SUPPLIES - GENERAL					
	10/16/2021	2.49	1.00	1.10	2.74
	10/16/2021	237.96	1.00	1.10	261.76
	10/24/2021	166.15	1.00	1.10	182.77
	10/30/2021	10.88	1.00	1.10	11.97
	10/30/2021	49.62	1.00	1.10	54.58
COMPANY VEHICLE MILEAGE					
	10/16/2021	.00	121.00	.56	67.76
COMMUNICATION FEE					
	10/30/2021	97.85	1.00	1.00	97.85
Reimbursable Total:					741.03

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR, EAST PROVIDENCE, RI 02915, (401) 330-1261



Invoice Number 53043

November 10, 2021

Page Number 5

Project C663-000 SILVER LAKE WATER QUALITY MONITORING PROGRAM

Project C663-000 06 UPSTREAM AND DOWNSTREAM MONITORING

Reimbursable Expenses	Date	Cost	Qty	Mult	Amount
COMMUNICATION FEE					
	10/30/2021	69.35	1.00	1.00	69.35
Reimbursable Total:					69.35
Invoice Amount:					\$11,005.78

PLEASE REMIT ALL PAYMENTS TO: 10 HEMINGWAY DRIVE, 2ND FLOOR; EAST PROVIDENCE, RI 02915, (401) 330-1261

Tuttle Land Surveying, LLC
PO Box 1 - Kingston, MA 02364
(781) 844-4123 TuttlePLS@yahoo.com

Invoice: 17-112.3

September 18, 2021

Mr. Jack O'Leary
Central Plymouth County Water District Commission
499 Plymouth Street
Halifax, MA 02338 (781) 206-7521 joleary@plymouthcountyma.gov

Project: Professional Land Surveying Services
Topographic and Elevation Survey
Forge Pond, Silver Lake, Furnace Pond Dam, Stump Brook Dam,
East and West Monponsett Ponds

Field Survey and Plan Preparation

Progress invoice 100% complete in accordance with
April 28, 2017 proposal - Item No. 1

	\$19,800.00
Expenses: Printing:	\$48.00
Prior invoice and retainer	<u>- \$ 18,810.00</u>
Balance Due:	\$1,038.00