

### TOWNSEND WATER DEPARTMENT

540 Main Street West Townsend, Massachusetts 01474

Many 1:5

Nathan Mattila, Chairman

Lance Lewand, Vice-Chairman

Michael MacEachern, Clerk

(978) 597-2212

Email: water@townsend.ma.us

Paul L. Rafuse, Water Superintendent

# WATER COMMISSIONERS MEETING MINUTES December 11, 2017 – 5:00 P.M.

Water Department 540 Main Street, Meeting Room

### I. PRELIMINARIES:

- 1.1 NM called the meeting to order at 5:00 P.M., 540 Main Street, Meeting Room.
- 1.2 Roll call showed Members Present: Nathan Mattila (NM)-Chairman, and Lance Lewand (LL)-Vice-Chair. Michael MacEachern was absent. Guests Present: Karen Hill, Jim Le'Cuyer, Paul Rafuse and Brenda Boudreau.
- 1.3 NM announced that the meeting is being audio recorded.
- 1.4 Chairman's additions or deletions. NM added a discussion on the remaining touchpad accounts.
- 1.5 Approve Minutes of November 13, 2017, November 20, 2017 and special meeting of July 6, 2017. LL made a motion to accept November 13, 2017 and November 20, 2017 Meeting minutes as written. NM seconded. Unanimous vote.
- 1.6 Review correspondence. None.

### II. APPOINTMENTS:

2.1 5:15 PM Karen Hill-Main St. Pumping Station bridge replacement project. Karen Hill from the Conservation Commission expressed that there is a considerable amount of citizens that desire to see the VFW pond filled with water for swimming, skating and fishing. With that said the plan is to remove some boards at the damn located behind the Main Street pumping station which will allow the water to fill the VFW pond. This is in the beginning stages. Karen still has to investigate if there is structural issues with the bridge that extends over the water way that feeds the pond. Jim Le'Cuyer would like to get some volunteers to add boards to the damn to divert the water to the pond for skating this winter. At first Paul agreed however considering the new bridge construction he feels it should be put off to a later date, there is also an issue that a permit may be needed to disrupt the damn.

### III. MEETING BUSINESS:

- 3.1 Main St. Pumping Station bridge replacement project (Karen Hill)
- 3.2 Discuss hiring of additional staff and staffing and On Call issues. Paul discussed the issue of staffing and on call with the Board of Water Commissioners. Paul asked if it would they consider hiring Jim as a part time maintenance employee for mapping, hydrant painting, radio reading etc. LL agreed although it would cut into our budget. NM feels his experience would be invaluable to the water department and thought it would be a great idea to hire a former employee. The Board would like to look into whether or not to hire as a contractual employee or a part time employee if permitted.
- 3.3 Discuss FY19-FY23 Capital Improvement Plan. Paul presented the updated capital plan with the board. Paul will meet with the Capital Plan Committee sometime in the future to discuss it with them. The Board will take the information home with them to review.
- 3.4 Discuss FY19 draft budget. Paul presented a draft budget for review. Paul stated that he has many questions concerning the budget this year such as, contracting help from companies to help with main breaks, cost for additional licensees etc.

### **4. COMMISSIONERS UPDATES AND REPORT:**

4.1 NM discussed the 28 touchpad accounts that have not updated to the Itron radio read device to date. Brenda explained that she has sent out several letters and memos requesting the customer to make the appointment to have their equipment upgraded at no cost however there are still approximately 28 customers who have failed to respond. NM and LL would like to take a list of names and knock on a few doors to expedite the process. Paul will supply hats and shirts to identify the commissioners. Brenda will email a list to the board.

### 5 WATER SUPERINTENDENTS UPDATES AND REPORTS:

- 5.1 Ice Pigging section of main again from 526 Main St.-Wheeler Rd. Paul reported that Ice Pigging was performed again today in the West end of Main Street at no cost., however there was an additional cost incurred to the water department for the transport and disposing of the discharge. Paul also noted that the turbidity level of the main was reduced from 9.4 to 1.5. At this time there has been no customer complaints.
- 5.2 Start looking into another billing program/software/company. Brenda reported that she had received an email from Dave Caraway informing her that he had been advised to enter into hospice care and to find another bill and mailing company. The Water Department is looking into other billing software at this time.

### **6 OFFICE UPDATES AND REPORTS:**

- 6.1 The Board reviewed and signed Bills Payable Warrants.
- 6.2 The Board reviewed and signed Schedule of Bills Receivable report.
- 6.3 The Board reviewed Accounts Receivable report.

Schedule next BOWC meeting: The next BOWC meeting is scheduled for January 8-2018.

### **ADJOURNMENT:**

LL made a motion to adjourn the BOWC meeting at 6:40 P.M. NM seconded. Unanimous vote.

Respectfully submitted,

Brenda Boudreau, Office Administrator

# WATER DEPARTMENT MEETING

DATE December 11, 2017

NAME		ADDRESS	PH/EMAIL
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TIM	LECUYER	IN PICE ISUAGE RIS	878 375 GORE

From: Jim kreidler <jkreidler@townsend.ma.us>
Sent: Wednesday, December 06, 2017 1:46 PM

To: Paul Rafuse

Cc: Nathan Mattila; selectmancindyking@gmail.com; Gordy Clark; Carolyn Smart

Subject: Re: Authorization To Use Service Truck

Paul

Your surprise notwithstanding, my thinking remains unchanged.

Last week, when there was an actual emergency situation, you requested and I approved your use of the truck.

Being on call is not an emergency and your prior use of a car when on call undermines any suggestion to the contrary.

Jim

Sent from lim's iPhone

On Dec 6, 2017, at 11:23 AM, Paul Rafuse cprafuse@townsend.ma.us wrote:

Jim,

I'm surprised by your response. This is simply nothing more than a member of a collective bargaining unit making a legitimate request in accordance with the collective bargaining agreement with the best interest of our customers in mind and not, as you're suggesting a request for you to circumvent the terms of the collective bargaining agreement. I'll address each of your concerns separately below.

Firstly, the collective bargaining agreement between the town and AFSCME-Supervisors does not give you the authorization to do what you are asking nor does it vest the authority with me to supersede the governing language.

I'm aware of the terms of the CBA which is why I am seeking authorization from you under articles II & XXXIII of the CBA. As ARTICLE XXXIII VEHICLES states "The aforementioned employees shall not have access to Town owned vehicles, except in the case of emergencies". Given the situation and how short staffed we are and will be I would consider this an emergency but, under the terms of the CBA I cannot make that decision. However, under ARTICLE II CHAIN OF COMMAND it states "The day to day administrative and operational chain of command, lines of supervision and reporting for employees in this bargaining unit run to the Board of Selectmen as the only legal entity empowered under the laws of the Commonwealth to negotiate, agree and execute this collective bargaining agreement detailing terms and conditions of employment. Further, the Board of Selectmen has delegated said day to day administrative authority and supervisory authority to the Town Administrator". With an apparent need to determine what is an emergency, it does appear that ARTICLE II vests that administrative and supervisory authority to you and in this case it would not be superseding governing language.

Secondly, I am troubled by an apparent flaw in your logic here. You are asking to use the service truck while on call to allow for quicker response time as you wouldn't need to go to the garage if a call came in but instead could go straight to the call. This confuses me. How is it that this is a concern now and it wasn't every time you were on call when you had the take home use of town Fusion? How is responding to a call with the Fusion different than responding with your vehicle?

I don't see a flaw in my logic. Logically, it's a simple concept, being able to respond to an emergency with a fully stocked service truck serves our customers better. Gate and curbstop key wrenches don't fit in a "car" and the same with gate and curbstop "clean out" tools. These are tools that are frequently used especially in emergency call outs. When I was permitted to use a Water Department vehicle the Commissioners agreed to purchase the Fusion to help the Town reach it's required percentage to attain it's green community status. While I was using the Fusion there were occasions that I did take it home when on call however, the majority of the time I used the service truck.

From: Jim kreidler [mailto:jkreidler@townsend.ma.us]

Sent: Wednesday, December 06, 2017 8:16 AM To: Paul Rafuse prafuse@townsend.ma.us>

Cc: Nathan Mattila <natemwater@gmail.com>; selectmancindyking@gmail.com; Gordy Clark

<gnclark613@gmail.com>; Carolyn Smart <csmart@townsend.ma.us>

Subject: Re: Authorization To Use Service Truck

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Please advise.

Jim Kreidler Sent from Jim's iPhone

On Dec 6, 2017, at 7:56 AM, Paul Rafuse con Dec 6, 20

lim,

I am requesting authorization to use the Water Department service truck from today December 6, 2017 to December 20, 2017 while taking on call duty during this time. Also, I'm requesting authorization to take the truck home at night during this time for quicker response if called out. Mike is on vacation out of state and lim is retiring with his last day being December 29th and he is using up Personal and Comp. time.

Thanks

Paul Rafuse

Paul Rafuse

Superintendent

Townsend Water Department

540 Main St.

West Townsend, MA 01474

Tel: 978-597-2212 Fax: 978-597-5611

E-mail: prafuse@townsend.ma.us

This electronic message is confidential and intended for the named recipient only. Any dissemination, disclosure or distribution of the contents of this communication is unlawful and prohibited. If you have received this message in error, please contact by return email or telephone (978-597-2212), and delete the copy you received. Thank you.

### TOWN OF TOWNSEND SUMMARY SHEET FOR THE CAPITAL IMPROVEMENT PLAN OF FISCAL YEAR 2017- 2021 DEPARTMENT NAME:

FY	Dept.				1		T	T
Req'd	Priority	Project/Equipment Title	FY19	FY20	FY21	FY22	FY23	Total
19	2	Water main replacement- approximately 3,000 ft. From 512 Main St. to Wheeler Rd. & approximately 3,000 ft. on New Fitchburg Rd.	1,000,000					\$ 1,000,000
21	5	Construct and develop replacement well at our Cross Street well with treatment facility.			3,000,000			\$ 3,000,000
20	6	Main St. Pump Station-Replacement Well Development, Wellfield decommissioned, and Pump Station Modifications.		1,200,000				\$ 1,200,000
20	7	Emery Rd. to South Harbor Rd. Water Main Loop		1,500,000				\$ 1,500,000
19	8	Meadow Rd. Main Replacement	110,000					\$ 110,000
19	4	Purchase 4WD 1 Ton Dump Truck	50,000					\$ 50,000
19	3	Back Up Generator-Main Office, 540 Main St.	30,000					\$ 30,000
19	1	Bridge Replacement Project-Main St. Pumping Station						\$ -
								\$ -
								\$ -
								\$ -
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	0	Total All Projects & Equipment	\$ 1,190,000	\$ 2,700,000	\$ 3,000,000	\$ -	\$ -	\$ 6,890,000

Department Head Signature

Date Submitted

### **Equipment/Vehicle Capital** Inventory

	Capital Equipment Vehicle Inven	itory Form		Department	Water		
	Capital Planning Commit	ttee		Oate	11/30/2017		Target date replacement
	Equipment or Vehicle	Year Acquired	Year Built	Latest Improvements	Condition	Hours of Use	or Expansion
_1_	2016 Ford Fusion	Dec-	15		5	4 hrs./day	FY 21
2	2015 4WD Cheverolet 2500 Silverado Utility Truck	Jan-	14		5	6 hrs./day	FY 23
3	2002 4WD Ford F-450 1 Ton Dump Truck	Dec-	01	Replaced Dump Body 2013 Body Work on Cab 2014	4	As needed	FY 19
4	2005 John Deere 4WD 310SG Backhoe	Mar-	05	Regular Maintenance	4	As needed	FY 22
5	Sullivan Air Compressor Tow Behind	199	6	Regular Maintenance	4	As needed	Unknown
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7							
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19							
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22							
23	Condition Rating Seets						

Condition Rating Scale
5 - Very Good 4 - Good 3 - Fair
2 - Poor 1 - Not Usable

### **Facilities Capital Inventory**

			aciiilles (	apital inventory			
	Capital Facilities Inventory	Form		Department			
	Capital Planning Comm	ittee		Date	11/30/2017		Target date replacement
	Facilty Name/Adress	Year Acquired	Year Built	Latest Improvements	Condition	Extent of Use	or Expansion
1	Water Dept. Office, 540 Main St., West Townsend	198	B	Roof replaced whubber roof 1994, Siding replaced whinyl siding 2005	3	daily	unknown
2	Main St. Pumping Station & 2 bay Garago 512 Main St.	193	<u> </u>	Maintenance as needed	4	daily	unknown
3	Cross St. Pumping Station, Off Cross St.	198	)	Maintenance as needed	4	deily	unknown
4	Harbor Trace Pumping Station, 25 Harbor Trace Rd.	200	3	Maintenance as needed	4	daily	unknown
5	Witch's Brook Pumping Station # 1, 14 Ash St.	198	)	Chain Link Fence Installed around Pump station 2008	4	daily	unknown
6_	Witch's Brook Pumping Station # 2, 14 Ash St.	1977	<u> </u>	Chain Link Fence Installed around Pump station 2008	4	daily	unknown
7_	Garago, 14 Ash St.	198	·	None planning to tear down	3	storage	Rona
8	Storage Tank, Highland Street	1979	1	Installed mixing system 2012, Cleaned and inspectedin accordance with state and federal regulations	4	dady	unknown
9	Sinzago Tank, Fitchburg Rd.	1934		Installed mixing system 2015, Cleaned and inspectedin accordance with state and federal regulations.	4		unknown
10	Booster Pumping Station, 88 West Meadow Rd.	1995		Maintenance as needed	4	daily	unknown
11		1000			<del>-</del>	dally	
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21	· · · · · · · · · · · · · · · · · · ·						
22	Condition Rating Scale 5 - Very Good 4 - Good 9 - Fair						
	2 - Poor 1 - Not Usable						

<sup>2 -</sup> Poor 1 - Not Usable

Department	Water				2. Date		1	1/30/2017		
3. Contact Person 8	& Title:				4. Phon	ie:	E	xtension:		
Paul Rafuse, Superi	ntendent				978-597					
5. Project Title:					6. Conta		I Addre	SS:		
Bridge Replacemen	t Project-Main St.	Pumping Station	n		prafuse	@towns	end.ma	a.us		
7. Purpose of Proje	ct Request Form	(check):	-					ted in CIP	:	
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11. Description/Just	ification (attach a	ny relevant back	ground info	ormatic	n):					
This is a high priority	project. Being th	ne only access to	this station	n we h	ave disco	vered th	ne 25 ft	bridge th	at cro	sses a
small brook on the a	ccess drive is in	dire shape. Bulk	treatment	chemic	cal deliver	y trucks	canno	t cross the	bridg	ge
leaving us to accept	small 55 gallon b	arrel deliveries	and hand tr	uck ac	ross the	oridge u	ntil a te	mporary b	ridge	can be
put in place.										
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Planning & Design										
Land Acquisition										
Site Development										
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Other (specify):										
TOTAL	\$ 400,000	\$ -	\$		\$	_	\$	-	\$	400,000
					(Diega Lin webna Law	Internation with the				
15. Estimated Net E	ffects on Operation	on Costs (+/-):	16. Estim	ated N	et Effects	On Mu	nicipal	Revenue	+/-):	
	One-Time \$	Annual \$						123		
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Other (specify):			18. Signa		engr					
TOTAL	\$ -	\$ -	110. Signa	iture.						
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Notes (reserved):										

For Capital Committee Use Only: Recommended Number of Years (if any):

Statutory Reference:

Estimated Annual Debt Service (Initial Fiscal Year):

Maximum Number of Years Allowed:

	-											
Department	Wat	er					2. Date:			11/30/201	7	
3. Contact Person 8	Z Title	е.					4. Phone			Extension	,	
Paul Rafuse, Superi							978-597-			-Atomotor.		
5. Project Title:	THO TH	COM					6. Contac		I Addr	ess.		
Water Main Replace	men	t Project					prafuse@			100000000		
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11. Description/Just	ficati	ion (attach a	ny rele	evant bac	kgrou	ind informatio	n):					
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The project involves	two	areas, appro	ximat	ely 3,000	ft. of	8 inch water i	main betwe	en ou	r Main	St. pumpi	ng st	ation and
Wheeler Rd. and ap	proxi	imately 3,000	oft. of	6 inch w	ater n	nain on New F	itchburg F	Rd. beg	inning	at Main S	t. (Rt	. 119).
The age and and co	nstru	iction (unline	d cast	tiron) of t	his m	ain has result	ed in perio	dic on	-going	"rusty" co	lored	water
complaints from cus	tome	ers dispite flu	shing	and mair	clea	ning efforts.						
12. Need for Consul	tant /	Advisory Ser	vices	(check):		(V ) Yes	( ) No	)				
13. Month & Year Pr							, ,		If Fur	ded unkn	own	
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Planning & Design											$\top$	
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Notes (reserved):	Ψ		Ψ									
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For Capital Committee Use Only:

Recommended Number of Years (if any):

Statutory Reference:

Estimated Annual Debt Service (Initial Fiscal Year):

Maximum Number of Years Allowed:

Date Estimated Provided:

3. Contact Person & Title:  Paur Rafuse, Superintendent  5. Project Title:  Purchase and Installation of Back up generator-MS Office.  7. Purpose of Project Request Form (check):  ( ) Add a New Project to the CIP  ( ) Modify a Project Already in the CIP  ( ) Nesubmit Previous Project Request  If Prior Unfunded Request, What FY 1st Submited?  11. Description/Justification (attach any relevant background information):  This project consists of installing a back up generator to not only completely power our office but, maintain operation of our SCADA (Supervisory Control and Data Acquisition) system. This will allow us to continually monitor and control all our facilities remotely and, maintain water treatment chemicals at the proper dosages. The office is the location for our SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check):  ( ) Yes  ( ) Yes  ( ) No  13. Month & Year Project Will Begin If Funded? Unknown Month & Year Project Will End If Funded Unknown  14. Estimated Capital Costs:  FY 2019  FY 2020  FY 2021  FY 2022  FY 2023  TOTAL  Planning & Design  Land Acquisition  Site Development  Construction  30,000  30,000  15. Estimated Net Effects on Operation Costs (+/-):  One-Time & Annual \$  Personnel  Ultitlies  17. Recognifined Finapping Source ((I known)):  Willialies  Supplies  Other (specify):  17. TOTAL  18. Signature:  18. Signature:	Department	Water			2. Date:	11/30/2017	,
6. Project Title: Purchase and Installation of Back up generator-MS Office. 7. Purpose of Project Request Form (check): ( ) Add a New Project to the CIP ( ) Modify a Project Already in the CIP ( ) Resubmit Previous Project Request If Prior Unfunded Request, What FY 1st Submittee?  11. Description/Justification (attach any relevant background information): This project consists of installing a back up generator to not only completely power our office but, maintain operation of our SCADA (Supervisory Control and Data Acquisition) system. This will allow us to continually monitor and control all our facilities remotely and, maintain water treatment chemicals at the proper dosages. The office is the location for our SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check): (√ ) Yes ( ) No 13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:  FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL  Planning & Design Land Acquisition Site Development Construction 30,000 S - \$ - \$ - \$ - \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$ Personnel Utilities Supplies Other (specify): TOTAL S - \$ - \$ 18. Signature:	3. Contact Person 8	& Title:			4. Phone:	Extension:	
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( V ) Add a New Project to the CIP ( ) Modify a Project Already in the CIP ( ) Resubmit Previous Project Request If Prior Unfunded Request, What FY 1st Submitted?	7. Purpose of Proje	ct Request Form	(check):				:
( ) Resubmit Previous Project Request  If Prior Unfunded Request, What FY 1st Submitted?  11. Description/Justification (attach any relevant background information):  This project consists of installing a back up generator to not only completely power our office but, maintain operation of our SCADA (Supervisory Control and Data Acquisition) system. This will allow us to continually monitor and control all our facilities remotely and, maintain water treatment chemicals at the proper dosages. The office is the location for our SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check):  12. Need for Consultant Advisory Services? (check):  13. Month & Year Project Will Begin If Funded? Unknown Month & Year Project Will End If Funded Unknown  14. Estimated Capital Costs:  15. FY 2019  16. Estimated Net Effects on Municipal Revenue (+/-):  17. Recommended Financing Source (if known):  18. Signature:  18. Signature:  18. Signature:			150		The state of the s		
( ) Resubmit Previous Project Request  If Prior Unfunded Request, What FY 1st Submitted?  11. Description/Justification (attach any relevant background information):  This project consists of installing a back up generator to not only completely power our office but, maintain operation of our SCADA (Supervisory Control and Data Acquisition) system. This will allow us to continually monitor and control all our facilities remotely and, maintain water treatment chemicals at the proper dosages. The office is the location for our SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check):  12. Need for Consultant Advisory Services? (check):  13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:  15. FY 2019  16. Estimated Net Effects on Municipal Revenue (+/-):  17. Recommended Financing Source (if known):  18. Signature:  18. Signature:  18. Signature:	( ) Modify a Proje	ct Already in the	CIP		9. Department	Priority:	
If Prior Unfunded Request, What FY 1st Submitted?	( ) Resubmit Pre	vious Proiect Rec	uest			-	1
Indefinite   Ind					10 Estimated U		
11. Description/Justification (attach any relevant background information): This project consists of installing a back up generator to not only completely power our office but, maintain operation of our SCADA (Supervisory Control and Data Acquisition) system. This will allow us to continually monitor and control all our facilities remotely and, maintain water treatment chemicals at the proper dosages. The office is the location for our SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check): (V) Yes () No 13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs: FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL Planning & Design		,,			To. Zolimatou o		
our SCADA (Supervisory Control and Data Acquisition) system. This will allow us to continually monitor and control all our facilities remotely and, maintain water treatment chemicals at the proper dosages. The office is the location for our SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check): (√ ) Yes ( ) No 13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs: FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL Planning & Design FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL Land Acquisition Site Development Site De							
aur facilities remotely and, maintain water treatment chemicals at the proper dosages. The office is the location for our SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check): (V) Yes () No 13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:  FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL  Planning & Design Land Acquisition Site Development Construction 30,000 S - \$ - \$ - \$ - \$ 30,000  Other (specify): TOTAL \$ 30,000 \$ - \$ - \$ - \$ - \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$ Personnel Utilities Supplies Other (specify): TOTAL \$ - \$ - \$ - \$ 18. Signature:  18. Signature:	This project consists	of installing a ba	ick up generator	to not only comp	letely power our o	office but, maintai	n operation of
SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check): (V ) Yes ( ) No 13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs: FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL  Planning & Design Land Acquisition Site Development Construction 30,000 30,000  Other (specify): 30,000 \$ - \$ - \$ - \$ \$ - \$ \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$ Personnel Utilities Supplies 17. Recommended Financing Source (if known): Utilities Supplies 18. Signature: TOTAL \$ \$ 30,000 Personal Signature: TOTAL \$ \$ 18. Signature: TOTAL \$ \$ 30,000 Personal Signature: TOTAL \$ \$ \$ - \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	our SCADA (Superv	isory Control and	Data Acquisition	n) system. This w	ill allow us to con	tinually monitor a	nd control all
SCADA Systems Main or Maximum Transmission Unit or (MTU). Therefore it is essential to maintain power for the operation of this important component of our distribution system.  12. Need for Consultant Advisory Services? (check): (V ) Yes ( ) No 13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs: FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL  Planning & Design Land Acquisition Site Development Construction 30,000 30,000  Other (specify): 30,000 \$ - \$ - \$ - \$ \$ - \$ \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$ Personnel Utilities Supplies 17. Recommended Financing Source (if known): Utilities Supplies 18. Signature: TOTAL \$ \$ 30,000 Personal Signature: TOTAL \$ \$ 18. Signature: TOTAL \$ \$ 30,000 Personal Signature: TOTAL \$ \$ \$ - \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	our facilities remotel	y and, maintain w	ater treatment c	hemicals at the p	roper dosages. T	he office is the lo	cation for our
12. Need for Consultant Advisory Services? (check): (V ) Yes ( ) No 13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs: FY 2019 FY 2020 FY 2021 FY 2022 FY 2023 TOTAL  Planning & Design Land Acquisition Site Development Construction 30,000 Other (specify): TOTAL \$ 30,000 \$ - \$ - \$ - \$ - \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$ Personnel Utilities Supplies Other (specify): TOTAL  16. Estimated Net Effects On Municipal Revenue (+/-):	SCADA Systems Ma	ain or Maximum T	ransmission Uni	it or (MTU). There	efore it is essentia	I to maintain pow	er for the
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:	operation of this imp	ortant componen	t of our distributi	on system.			
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:				7.0			
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:							
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:							
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:							
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:							
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:							
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:	9						
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:							
13. Month & Year Project Will Begin If Funded? unknown Month & Year Project Will End If Funded unknown  14. Estimated Capital Costs:	12 Need for Consul	tant Advisory Sor	vices? (check):	(N ) Vac	/ \ No		
14. Estimated Capital Costs:	13 Month & Voor Dr	cinct Will Bogin	f Eundad? unlen	(V) TES	( ) NO	If Francisco de contrar	
FY 2019	15. WORLD & Teal FI	oject will begin i	runded? <u>unkni</u>	Wil Month & rea	r Project will End	ii Funded <u>unkno</u>	<u>wn</u>
FY 2019							
FY 2019	14 Estimated Capita	al Coste			T	T	
Planning & Design Land Acquisition Site Development Construction Other (specify): TOTAL  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$  Personnel Utilities Supplies Other (specify): TOTAL  16. Estimated Net Effects On Municipal Revenue (+/-):  17. Recommended Financing Source (if known):  18. Signature:	14. Estimated Capite		EV 2020	EV 2021	EV 2022	EV 2022	TOTAL
Land Acquisition  Site Development  Construction  30,000  Other (specify):  TOTAL  \$ 30,000 \$ - \$ - \$ - \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$  Personnel  Utilities  Supplies  Other (specify):  TOTAL  \$ - \$ - \$  16. Estimated Net Effects On Municipal Revenue (+/-):  17. Recommended Financing Source (if known):  When the property of the p	Planning & Decign	112013	1 1 2020	112021	F1 2022	F1 2023	TOTAL
Site Development							
Construction   30,000   30,000   30,000	Cita Davalanment						
Other (specify): TOTAL \$ 30,000 \$ - \$ - \$ - \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$  Personnel Utilities Supplies Other (specify): TOTAL \$ - \$ - \$ - \$ 30,000		20.000			L		
TOTAL \$ 30,000 \$ - \$ - \$ - \$ 30,000  15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$  Personnel Utilities Supplies Other (specify): TOTAL \$ - \$ -		30,000		Ţ			30,000
15. Estimated Net Effects on Operation Costs (+/-): One-Time \$ Annual \$  Personnel Utilities Supplies Other (specify): TOTAL \$ - \$ -		<b>m</b> 20.000					
One-Time \$ Annual \$  Personnel	TOTAL	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
One-Time \$ Annual \$  Personnel							
Personnel 17. Recommended Financing Source (if known):  Utilities 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	15. Estimated Net E			16. Estimated N	et Effects On Mu	nicipal Revenue (	+/-):
Utilities Supplies Other (specify): TOTAL \$ - \$ -		One-Time \$	Annual \$				
Utilities Supplies Other (specify): TOTAL \$ - \$ -				17. Recommend	ded Financing So	urce (if known):	
Other (specify): 18. Signature: 18. Signature:				1 //	01/	35.	
TOTAL \$ - \$ -				1 / pu	C Kahu		
TOTAL \$ - \$ -	Other (specify):			18. Signature:			
		\$ -	\$ -	1	/		
Notes (reserved):	Notes (reserved):						

For Capital Committee Use Only:

Recommended Number of Years (if any):

Statutory Reference:

Estimated Annual Debt Service (Initial Fiscal Year):

Maximum Number of Years Allowed:

# TOWN OF TOWNSEND CAPITAL PLANNING COMMITTEE FORM B - EQUIPMENT PURCHASE/LEASE REQUEST

Department	Water				2. Da	ite: 11/30/2017				
3. Contact Person	& Title:				4. Ph	one: Evto	nsion:			
Paul Rafuse	a ride.				4. PI	978-597-2212	151011.			
5. Project Title:					6 Co	intact Email Address:				
Purchase 4WD 1 T	on Dumn Truck				0. 00	prafuse@townsend.	malie			
7. Purpose of Equi			heck):		8 Fis	scal Year Requested i				
( ) Add a New Ed	· · · · · · · · · · · · · · · · · · ·		ricory.		0. 113	19				
( ) Modify a Equi			P		9 De	partment Priority:				
(√) Resubmit P					3. De	partificant i flority.				
					10 5	4	1-):			
If Prior Unfunded Re	quest, what FY 1st	Submitted			1	orm of Acquisition (ch				
11.5					( V ) P	urchase () Lease	( ) Lease/Purchase			
11. Purpose of Exp		all appli	cable):							
( ) Increased Safety/Em				( ) Reduce Perso			Service			
( ) Mandated by Federa	I, State, or Local La	w		( V ) Scheduled F	Replacen	nent ( ) New Opera	ation			
( ) Improve Procedures	, Records, etc.			( ) Replace Worr	n-Out Equ	uipment ( ) Present Ed	uipment Obsolete			
12. Number of Units	Requested:	1		13. Number o	f Simila	ar Items in Inventory:	0			
14. Cost of Purchas	e or Annual Lea	ase:		1		15. Estimated Usefu	I Life in Years:			
Per Unit: \$	50,000.00		Total:\$	50,000.00						
16. Description/Jus	tification (attack	a any rol	ovant backer	round information	-					
		#The Calculation and Associated								
17. Replaced Equip	mont (if any):					Drier Figgal Voor's				
Item	Make	٨٥٥	Mileage	Maintenance	Prior Fiscal Year's nce Costs  # of Breakdowns  Rental Costs					
A.	iviane	Age	Mileage	Maintenance	Cosis	# OI DIEAKUOWIIS	Nental Costs			
^·										
B.										
J.										
<ol><li>18. Recommended</li></ol>	Disposal of Re	placed E	quipment (c	heck):						
( ) Trade-In	( ) Sale		() Possible	Use by Other A	Agencie	es ()Other_				
19. Estimated Net	Effects on Futur		ting Costs (+ e-Time \$	·/-): Annual \$	20. F	Recommended Financ	sing Source (if known):			
Personnel					1	1				
Utilities					1	11 .//	1			
Supplies					1 /	1 W W	- I			
Other (specify):					21 0	Signature:				
TOTAL		\$	50,000	\$ -	121. 3	ngriature.				
Notes (reserved):		Ψ	50,000	1 9 -						
rioles (reserveu).										

For Capital Planning Committee's Use Only:

Recommended Number of Years (if any):

Statutory Reference:

Estimated Annual Debt Service (Initial Fiscal Year):

Maximum Number of Years Allowed:

Date Estimated Provided:

1. Department	Water		Contract Con	2. Date:	11/30/201	7					
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Z. Buto.	11100/201	•					
3. Contact Person	& Title:			4. Phone:	Extension	on:					
Paul Rafuse, Supe	rintendent			978-597-2212		3.55					
		evelop replaceme	ent well with water	6. Contact Em	ail Address:						
treatment facility at or				prafuse@town							
7. Purpose of Proje	ect Request For	m (check):			Requested in C	IP:					
() Add a New Pr		,		2	The second of th						
( √ ) Modify a Pro	oject Already in	the CIP		9. Departmen	t Priority:						
( ) Resubmit Pre	evious Project R	equest				5					
If Prior Unfunded Re				10. Estimated	Useful Life in Ye	ears:					
					indefinite	CONTRACTOR CONTRACTOR					
11. Description/Jus											
Unfortunately we ha	ave had to take	this well offline for	or water quality r	easons. Historic	cally since const	tructed in 19	980 water				
supplied from this v	vell has been ve	ry good. Recent	ly high levels of I	ron and Manga	nese have been	detected.	These are				
naturally occuring n											
in discolored (rusty											
eliminate the levels											
treatment levels did											
performed and prov											
ground formation a	round the well. I	n consultation w	ith our engineers	the most adva	ntageous, cost e	effective so	lution is				
to locate and devel	op a replacemer	nt well within a 2	50 ft. area of the	existing well. U	lpon doing so it	was discov	ered that				
the cause or origin of the Iron & Manganese was within the ground formation confirming that in order to maintain this											
source construction of a treatment facility was needed. On a positive note, test well installation and development											
discovered a much	higher yielding	source.									
12 Need for Consu	Itaat Advisor. C	amilaaan (ahaali	\ (\dagger) \ \(\dagger) \ \dagger \	( ) No							
12. Need for Consu 13. Month & Year F						unknown					
10. Month & Tear I	roject will begin	rii rundea : urii	WIOWII WORKII & I	ear Project Wil	i Liid ii Fuilded	UTKHOWIT					
				***************************************							
<ol><li>14. Estimated Capi</li></ol>											
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	T	OTAL				
Planning & Design											
Land Acquisition											
Site Development											
Construction			3,000,000				3,000,000				
Other (specify):											
TOTAL	\$ -	\$ -	\$ 3,000,000	\$ -	\$ -	\$	3,000,000				
15. Estimated Net E	Effects on Opera One-Time \$	tion Costs (+/-): Annual \$	16. Estimated N	let Effects On N	Municipal Reven	ue (+/-):					
Personnel			17. Recommend	ded Financina S	Source (if known):						
Utilities			1	•							
Supplies			1	1							
Other (specify):			18. Signature:	1/ 1/	10						
TOTAL	\$ -	\$ -	1	Paulo	alu						
Notes (reserved):	A		A		1						

For Capital Committee Use Only: Recommended Number of Years (if any): Statutory Reference:

Estimated Annual Debt Service (Initial Fiscal Year): Maximum Number of Years Allowed:

Department	Water			2.	. Date:	11/30/201	7	
3. Contact Person	& Title:			1	. Phone:	Extension		
Paul Rafuse, Supe					78-597-2212	EXTENSION		
5. Project Title:		tation replacement v	vall		. Contact Ema	il Addross:		
development, Wellfie	d decommissioned	d and numb station	well medifications	1				
7. Purpose of Proje	ect Request For	m (check):	modifications.		rafuse@towns			
( ) Add a New P				0.		Requested in CIF	•	
( ) Modify a Proj					Danartmant			
				19.	. Department			
( √) Resubmit P				_			6	
If Prior Unfunded Re	quest, What FY 1st S	Submitted?		110	<ol><li>Estimated U</li></ol>	Iseful Life in Yea	rs:	
						indefinite		
11. Description/Jus A replacement well wellfield. Although a maintain and is ver need to be develop existing pump static Other modifications system by providing by surface water (to	has already been a consistently go by close to a brook ed and connected on would consist a may include upon us with a more prook that surrounds.	en located tested a nod source the we k. Each well woul ed to the existing p of removal of exist dating instruments updated, reliable ands the property).	and permitted Ilfield that cord need to be bump station sting pumps, ation and consource and e	by thensists of filled whith a repriming throis. The filminate of the filling is the filling in	e state MassDE of 52, 2%" wells with cement. The new supply man g system comp his project wo the possibility	s has become co ne replacement wain. Modifications conents, and con ould be beneficial by to impact or be	stly to yell we to the trol p to the impa	ould e anel.
<ol><li>14. Estimated Capi</li></ol>								//accomp
	FY 2019	FY 2020	FY 2021		FY 2022	FY 2023		TOTAL
Planning & Design								
Land Acquisition								
Site Development								
Construction		1,200,000						1,200,000
Other (specify):								
TOTAL	\$	\$ 1,200,000	\$	- \$	-	\$ -	\$	1,200,000
15. Estimated Net E	Effects on Opera One-Time \$	tion Costs (+/-): Annual \$	16. Estimate	d Net I	Effects On Mu	nicipal Revenue	(+/-):	
Personnel	One-time o	Tillidal 9	17 Pecome	andad	Financing So	urco //flue\		
Utilities			17. Recoinn	ienuea	rinancing 50	urce (ir known):		
Supplies			-			1		
			10 0:	-/	/	1		
Other (specify): TOTAL	\$ -	-	18. Signatur	e: //	1 11			
	φ -	\$ -	<u></u>	V	and	your		
Notes (reserved):								

For Capital Committee Use Only:	
Recommended Number of Years	(if any):
Statutory Reference:	

Estimated Annual Debt Service (Initial Fiscal Year):

Maximum Number of Years Allowed:

Department	Water						2. Date:		11/3	80/2017		
3. Contact Person 8	& Title:						4. Phone:		Exte	ension:		
Paul Rafuse, Superi							978-597-221	2		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
5. Project Title:							6. Contact Er		Address.			
Emery Road to Sou	h Harbor F	Road I	Nater	Main Lo	חח		prafuse@tow					
7. Purpose of Proje					op		8. Fiscal Year					
( ) Add a New Pr			i (Onc	Cit).			o. Histai rea	20	questeu	III OII		
( ) Modify a Proje			CIP				9. Departme		iority			
( V ) Resubmit Pr							3. Departine	int i	iority.	_		
							10 5 11 1			7		
If Prior Unfunded Req							10. Estimated		etul Lite i ndefinite		s:	
11. Description/Just	ification (a	ttach a	any re	levant ba	ckgr	ound informatio	n):					
This project is benef	ficial to the	distrib	oution	systemb	ecau	se it would imp	rove water qua	ality b	by creating	ng a lo	op ar	nd
eliminating two dead	ends in th	ne sys	tem. A	Also, it wo	ould p	provide another	main supply li	ne p	arallel w	ith Mai	St.	
on the South side in	the event	a sect	ion of	Main had	d to b	e shut down or	Main St. betv	veen	the cent	ter and	Hart	oor
lights. Although the	Harbor are	a is su	upplie	d from a	loop	on Wallace Hill	Rd. this would	pro	vide an a	addition	1	
source of supply for	the Harbo	r area	and c	ustomers	s on t	the South side of	of the Squanna	acoo	k River.			
12. Need for Consul	tant Adviso	on Se	rvices	2 (check	1.	(V) Yes	( ) No					
13. Month & Year Pr							. ,	nd If	Funded	unkno	wn	
To. Month & Tour 1	Ojcot vviii t	Degin	ii i uii	deu: um	HOW	ii workin a real	r roject will L	nu n	runded	UTIKTIO	VVII	
L		-			-			-				
14. Estimated Capita	al Costs:	_	T				1	_			_	
14. Estimated Capita	FY 20	10	1 ,	FY 2020		FY 2021	FY 2022		FY 20	123		TOTAL
Planning & Design	1120	13	+'	1 2020	+	112021	F1 2022	+	1120	323	$\vdash$	TOTAL
Land Acquisition			-		-	<u> </u>		-			-	
Site Development			-		-			$\dashv$			-	
Construction			-		-	1 500 000		$\dashv$			-	4 500 000
Other (specify):			-		-	1,500,000		-			-	1,500,000
	\$		-		_	0 4 500 000		_	0		-	1 500 000
TOTAL	Þ	-	\$	-		\$ 1,500,000	\$ -		\$	-	\$	1,500,000
45 5 5 1 111 15	"		_									
15. Estimated Net E				(5) 50	1	<ol><li>Estimated N</li></ol>	et Effects On I	Munic	cipal Rev	venue (	+/-):	
	One-Tir	ne \$	, F	Annual \$	$\perp$							
Personnel					1	7. Recommend	led Financing	Sour	ce (if know	wn):		
Utilities												
Supplies									7 ,			
Other (specify):					1	8. Signature:	00	1/				
TOTAL	\$	-	\$	-			1 dul	1	afre			
Notes (reserved):									/			
								/				

For Capital Committee Use Only: Recommended Number of Years (if any):

Statutory Reference:

Estimated Annual Debt Service (Initial Fiscal Year):

Maximum Number of Years Allowed:

1. Department	Water			-	2. Date:	11/30/201	7	
Contact Person & Title:					4. Phone: Extension:			
Paul Rafuse, Superintendent				978-597-2212				
5. Project Title:				6. Contact Email Address:				
Meadow Rd Main F				prafuse@townsend.ma.us				
<ol><li>Purpose of Project Request Form (check):</li></ol>				8. Fiscal Year Requested in CIP:				
(V) Add a New Project to the CIP				19				
( ) Modify a Project Already in the CIP				9. Department Priority:				
( ) Resubmit Previous Project Request				8				
If Prior Unfunded Request, What FY 1st Submitted?				10. Estimated Useful Life in Years:				
11. Description/Justification (attach any relevant bac				indefinite				
This project is for the	tification (attach	any relevant ba	ackground	inform	ation):			
12. Need for Consu 13. Month & Year P	ltant Advisory Se Project Will Begin	ervices? (check If Funded? <mark>un</mark>	k): (' <mark>known</mark> Mo	V )Ye		End If Funded <u>u</u>	nknov	<u>vn</u>
<ol><li>14. Estimated Capit</li></ol>								
Di . 0 D .	FY 2019	FY 2020	FY 2	021	FY 2022	FY 2023	+	TOTAL
Planning & Design							+	
Land Acquisition							+-	
Site Development	440.000						+	440.000
Construction	110,000						-	110,000
Other (specify): TOTAL	£ 440.000	6	-		-	0		440.000
TOTAL	\$ 110,000	\$ -	\$	-		\$ -	\$	110,000
15 Fatimated Nat F	ffeete en Onese	tion Contraction	Ido Falia	N	let Effects On M	i-i! Davisa		
15. Estimated Net E	THE RESIDENCE OF MARKET SALES		16. EStir	nated i	Net Effects On M	unicipai Reveni	ie (+/-)	•
Paragnal	One-Time \$	Annual \$	17 Door		ded Cinensina C	ourse (fl.		
Personnel Utilities			- 17. Reco	Jillinen	ided Financing S	ource (ir known):		
Utilities			-					
Supplies Other (accepts):			10.0:	atur-:	//	7 1		
Other (specify): TOTAL	\$ -	\$ -	18. Sign	ature:	Paul			
Notes (reserved):	Ψ -	Ψ -			1 auch	agui		
rioles (reserveu).						/		

For Capital Committee Use Only: Recommended Number of Years (if any): Statutory Reference: Estimated Annual Debt Service (Initial Fiscal Year):
Maximum Number of Years Allowed:
Date Estimated Provided:



## TOWNSEND WATER DEPARTMENT

540 Main Street West Townsend, Massachusetts 01474

Nathan Mattila, Clia	irman	Lance Lev	vand, Vice Chairm	ก <u>า</u>	Mich	<u>ael MacEachern, Clerk</u>
Paul L. Rafuse, Water Superintendent			TOWNSEND EPARTMENT			(978) 597-2212 Fax (978) 597-5611
					NO. <u>18-5</u>	
					11/30/2017	
		SCHEDULE OF	BILLS RECEIVA	BLE		
To the Acco	untant: <u>L</u>	auri Plourde				
		The following bill	s, amounting in the	aggregate to		
		FIVE THOUSAND	FOUR HUNDRED TI	HIRTEEN DOLLA	RS AND 64/100	
are herewith co	mmitted for colle	ction.				
DATE	USER CHARGES	SERVICE CHARGES	CONN CHARGES	BACK FLOW	TOTAL	
11/30/17	4,494.00	329.54	-	-	4,823.54	
		BOARD OF V	VATER COMMISS	IONERS		
hater huth	tin					
nan Mattila, Chairman		Lance Lewan	i, V ce-Chairman		Michael MacEache	rn, Clerk

# FISCAL YEAR 18 SUMMARY TOWNSEND WATER DEPARTMENT - ACCOUNTS RECEIVABLE November 30, 2017

**UNCOLLECTED FROM JUNE 30, 2017** 

110,573.09

CHARGED 11/01/17- 11/30/17	11/30/2017	Previous Balance	Total	
USER CHARGES	4,494.00	541,679.00	546,173.00	
SERVICE CHARGES	329.54	14,251.08	14,580.62	
CONNECTION CHARGES	0.00	4,000.00	4,000.00	
LATE CHARGES	2,475.34	7,695.95	10,171.29	
BACKFLOW SUBTOTAL	0.00 <b>7,298.88</b>	4,050.00	4,050.00	
TOTAL CHARGES	7,230.00			578,974.91 689,548.00
RECEIVED 11/01/17- 11/30/17 USER CHARGES	11/30/2017 38,544.75	472,183.46	510,728.21	
SERVICE CHARGES	706.30	13,222.12	13,928.42	
CONNECTION CHARGES	0.00	4,000.00	4,000.00	
LATE CHARGES	1,230.49	6,930.02	8,160.51	
BACKFLOW SUBTOTAL	150.00 <b>40,631.54</b>		4,100.00	
TOTAL RECEIPTS		•		540,917.14
SENT TO LIEN				0.00
LIENS COLLECTED ABATEMENTS				-1,063.65
ADJUSTMENTS AJD TO MASTER				-362.84
UNCOLLECTED				150,057.35
OUTSTANDING:				689,548.00
USER CHARGES	\$ 135,965.45			
SERVICE CHARGES	1,860.69			
CONNECTION CHARGES	0.00	)		
LATE CHARGES	11,731.21			
BACKFLOW TOTAL OUTSTANDING	500.00 \$ <b>150,057.3</b> 5			