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TOWNSEND WATER DEPARTMENT
540 Main Street West Townsend, Massachusetts 01474

Todd Melanson, *Chairman*

Nathan Mattila, *Vice-Chairman*

, *Clerk*

David Vigeant, *Superintendent*

(978) 597-2212

water@townsendwater.org

WATER COMMISSIONERS MEETING MINUTES

October 16, 2023 – 7:00 P.M.

Water Department 540 Main Street, Meeting Room

On March 29, 2023, Governor Healey signed into law a supplemental budget bill which, among other things, extends the temporary provisions pertaining to the Open Meeting Law to March 31, 2025. Specifically, this further extension allows public bodies to continue holding meetings remotely without a quorum of the public body physically present at a meeting location, and to provide "adequate, alternative" access to remote meetings. The language does not make any substantive changes to the Open Meeting Law other than extending the expiration date of the temporary provisions regarding remote meetings from March 31, 2023, to March 31, 2025.

Join Zoom Meeting

<https://us06web.zoom.us/j/86348986115?pwd=TKSxaPfZdfoApfmVYeUjiQ3w8287PB.1>

Meeting ID: 863 4898 6115 Passcode: 254516 Log on Monday, October 16, 2023, at 7:00 P.M. to participate.

I. PRELIMINARIES:

- 1.1 TM called the meeting to order @ 7:04 P.M. and announced the meeting is being held by Zoom.
- 1.2 TM announced TCAM is recording the meeting and will upload it to YouTube.
- 1.3 Roll Call showed members present: Todd Melanson (TM)-Chairman and Nathan Mattila (NM)-Vice Chairman. Roll call showed citizens present: David Vigeant (DV)-Water Superintendent, Chaz Sexton-Diranian (CSD)-Liaison for the Board of Selectmen. Guest Present: Jacklyn Smith, 11 Scales Lane and from Tighe & Bond: Lou Soracco (LS), Brian Kiely (BK), and Micke Schrader (MS).
- 1.4 Chairman's additions or deletions. TM stated he saw an addition to the agenda about policies, union, and other items that he feels should be discussed in executive session at a future meeting. NM feels as though we do not touch upon any union issues that they should be able to discuss a few things at tonight's meeting without too much substance. TM agreed to discuss a few things but felt they should be cautious not to discuss union matters such as contracts.
- 1.5 Approve Meeting Minutes of September 18, 2023. TM stated he would like to add additional language to the minutes, and he will email the information to the office. NM stated the changes should be discussed at the next meeting. They asked for the September 2023 minutes to be on the November agenda.
- 1.6 Review correspondence. Public Comments.

II. APPOINTMENTS-VOTES MAY BE TAKEN:

- 2.1 Jacquelyn Smith, 11 Scales Lane, Acct #60386. RE: Meter Reading. Jackie Smith stated she has been vigilant in monitoring her water usage to lower her bill, however when the bill was mailed it was estimated at higher-than-normal usage she requested an abatement on the units of water in the fourth tier that should have been reduced by forty dollars. JS stated she was told that her next bill would be adjusted when her new meter was upgraded. JS also commented that others may have had a similar issue with their estimated bills. DV reported that overwhelmingly most customers were underestimated. JS second point was an observation that all her readings were read in even hundred numbers. DV explained that all meters are truncated to the nearest 100 cubic feet. DV also explained all actual usage can be found on her Eye On Water app. The board discussed the issue and agreed to abate

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her bill. DV calculated the difference to add up to the amount of \$41.55. **NM moved to abate account #60386 \$41.55 plus interest. TM seconded. Unanimous vote.** TM thanked her for attending the meeting and asked if she or someone she knows would be interested in participating in these decisions by becoming a board member.

- 2.2 7:30 P.M. Michael Schrader, Tighe & Bond RE: Rate Study. MS reviewed his expense summary report prepared by Tighe & Bond that discussed our goals of reducing rate increases for FY25 by incorporating MBTE funds. MS noted the high cost of carbon media replacement due for 2026. SRF reimbursement funds were used to fund FY24 capital purchases negating the need to appropriate funds from free cash. This action helped to reduce the rate increase from 10% to 5%. The Board reviewed the estimated revenue and assumed a 1.5% increase in water usage next year. A lengthy discussion ensued regarding anticipated debt service. The Board noted the advantages of the State Revolving Fund. A thirty-year note with 0% interest and a 13.3% principal forgiveness. TM discussed the need for a Capital Reserve account which would take away the need for Town Meeting action in the event of emergency repairs. Discussion centered on keeping 20% in free cash as a percentage of net operating expense. TM hopes to keep the rates as low as possible to gain good faith with the rate payers. NM noted that expenses will be scrutinized. He wants to make sure that the water department portrays a good image, and the rate payers get the best for each dollar spent.

III. MEETING BUSINESS-VOTES MAY BE TAKEN:

- 3.1 Discuss/review Capital spending and warrant articles. DV reported the special town meeting will be held on November 14, 2023, or Saturday, November 18th. The BOS will be discussing that at tomorrow's meeting. DV reviewed the following to be approved by the BOWC: \$11,000 for a safety railing with a kickplate for the highland street tank, \$100,000 gate exerciser with a vacuum trailer, \$100,000 for an F350 Utility Truck. We will be donating the 2014 truck to the cemetery department. Replace 2014 Backhoe with extended reach after trade in it would cost \$170,000. Lastly \$50,000 for planning and engineering for a water tank on Lunenburg Road to supply water for up to 2000 more residents. NM asked what was wrong with the truck and feels we should wait to purchase a truck next year when the prices go down. TM asked if we should wait to purchase another year. TM also asked what was wrong besides the catalytic converter and rocker panel rot. DV stated it would cause the rates to increase. TM stated DV is taking money that was refunded from the loans but cannot be used in this year's budget and paying down the capital expenses with free cash will help reduce the rates. CSD also explained how spending this free cash will help reduce rates.

NM voted to approve \$11,000 for a safety railing with a kickplate for the highland street tank. TM motioned to use \$11,000 of the SRF reimbursement to the capital spending fund for the purchase of the harness and safety railing with kickplate. NM seconded. Unanimous vote.

\$100,000 gate exerciser with a vacuum trailer. TM voted to transfer \$100,000 from SRF to Capital spending. TM motioned to use \$100,000 of the SRF reimbursement to the capital spending fund for the purchase of a gate exerciser with a vacuum trailer and equipment. NM seconded. Unanimous vote.

\$100,000 for an F350 Utility Truck. We will be donating the 2014 truck to the cemetery department. TM motioned to use \$100,000 of the SRF reimbursement to the capital spending fund for the purchase of a new F350 Utility Truck and equipment. NM seconded. Unanimous vote.

\$170,000 2014 Backhoe with extended reach after trade in it would cost \$170,000. TM motioned to use \$170,000 of the SRF reimbursement to the capital spending fund for the purchase (replacement) of a 2014 Backhoe with extended reach and equipment. NM seconded. Unanimous vote.

\$50,000 for planning and engineering for a water tank on Lunenburg Road. TM motioned to use \$50,000 of the SRF reimbursement to the capital spending fund for the planning and engineering of the Lunenburg Road storage tank. NM seconded. Unanimous vote.

- 3.2 Discuss/review procedure for signing warrants. After a brief discussion the board agreed to send an email approving their signature. NM motioned to approve an email to approve stamping and signing policies on all warrants, abatements and adjustments and reports. TM seconded. Unanimous vote.
- 3.3 Discuss/amend /vote polices & procedures, vehicle logs, vehicle and personal accountability, comp time procedures and job descriptions. NM discussed that he would like to take a better look at the policies and procedures from the town and wanted to have all policy go before the board. DV stated he set no policy he just updated the policy that was in the union contract. CSD stated point of order as these issues should be discussed in executive session. NM stated he wants to see all logos match. He would also like to see a granite slab with the original logo outside the treatment plant after it is finished. CSD suggested having a conversation with Eric and himself to try and find the dig up missing information.

IV. COMMISSIONERS UPDATES AND REPORTS-VOTES MAY BE TAKEN:

- 4.1 NM was approached by a citizen on South Harbor Road complaining of brown water. TM asked CSD if the town still has email alerts. CSD stated that any posts on the website can be sent by email if the customers sign up for it. They suggested that Nathan ask all customers to call the water department. TM asked to email TM and NM for any updates. Next week the water department is scheduled to pave South Harbor Road curb to curb.

V. LIASON UPDATES AND REPORTS-VOTES MAY BE TAKEN:

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VI. SUPERINTENDENT'S UPDATES AND REPORTS-VOTES MAY BE TAKEN:

- 6.1 Update/Discuss PFAS/Harbor Trace Treatment Plant. Water lines have been tested today for bacteria and he is hoping that it passes. Once they can use that line it should greatly mitigate the dirty water in Timberlee Park.
Ash Street will be patched until the spring, then will be paved. Harbor Trace Road will be paved next summer.
The rest of the floors at the treatment plant will be poured this week and the contractors have begun putting up the walls. Hoping to close it all by December.
- 6.2 Disposition of 540 Main Street. The Town of Townsend plans to take possession of the building as soon as we move out. NM asked what the procedure is to deem surplus. It was explained an itemized list will be sent to the BOS.
- 6.3 Discuss/Review estimate for safety rails on Highland Street Tank. DV stated it was discussed and voted on in 3.1 above.
- 6.4 Other Superintendent Reports.

VII. OFFICE UPDATES AND REPORTS-VOTES MAY BE TAKEN:

- 7.1 Schedule the next BOWC meeting. The Board scheduled the next meeting for November 20, 2023, at 7:00 P.M. The Office manager asked if they planned to have an executive session at the next meeting. NM stated that there should be a conversation with the TA and asked if CSD was going to facilitate the

conversation. CSD replied that he would if that is what he wants to do. TM suggested that NM take the lead with the TA. NM agreed and stated he would stop by to see him tomorrow.

7.2 Review monthly Abatements and Adjustment list.

7.3 Review and approve end of month reports and bill payable warrants.

ADJOURNMENT

NM motioned to review and approve monthly abatements and adjustments, end of month reports and bill payable warrants out of session. TM seconded. Unanimous vote.

TM motioned to adjourn the meeting of the Board of Water Commissioners at 9:35 P.M. on October 16, 2023. NM Seconded. Unanimous vote.

Respectfully submitted,



Brenda Boudreau
Office Manager
Townsend Water Department

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Town of Townsend
Townsend Water Department
540 Main Street
West Townsend, MA 01474
978-597-2212
as of October 16, 2023
Balance: \$251.40

Account	Owner	Parcel	Location
60386	JAMES SMITH	18-45-0	11 SCALES LANE

Commitments

Billing Date	Due Date	Charges	Interest	Credit	Balance	Total Due
10/1/2023	10/31/2023	\$251.40	\$0.00	\$0.00	\$251.40	\$251.40
7/1/2023	7/31/2023	\$618.90	\$6.41	\$625.31	\$0.00	\$0.00
4/1/2023	4/30/2023	\$223.84	\$0.00	\$223.84	\$0.00	\$0.00
1/1/2023	1/31/2023	\$260.14	\$3.46	\$263.60	\$0.00	\$0.00
10/1/2022	10/31/2022	\$1,146.63	\$9.61	\$1,156.24	\$0.00	\$0.00
7/1/2022	7/30/2022	\$537.51	\$0.00	\$537.51	\$0.00	\$0.00
4/1/2022	4/30/2022	\$167.10	\$0.00	\$167.10	\$0.00	\$0.00
1/1/2022	1/31/2022	\$214.62	\$0.00	\$214.62	\$0.00	\$0.00
10/1/2021	10/31/2021	\$262.14	\$2.33	\$264.47	\$0.00	\$0.00
7/1/2021	7/31/2021	\$313.98	\$0.00	\$313.98	\$0.00	\$0.00
4/5/2021	5/5/2021	\$162.78	\$0.00	\$162.78	\$0.00	\$0.00
2/24/2021	2/24/2021	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Grand Total		\$4,159.04	\$21.81	\$3,929.45	\$251.40	\$251.40

Transactions

Type	Effective Date	PostDate	Batch	Total	Comments
Payment	8/21/2023	8/22/2023	CHS-49	\$625.31	Generic Payment
Payment	4/27/2023	4/28/2023	CHS-230	\$223.84	Generic Payment
Payment	2/27/2023	3/1/2023	CHS-177	\$263.60	Generic Payment
Payment	11/17/2022	11/18/2022	CHS-83	\$1,156.24	Generic Payment
Payment	7/21/2022	7/21/2022	F Water 2	\$537.51	
Payment	4/5/2022	4/6/2022	U-52 (4/1-4/5)	\$167.10	Generic Payment
Payment	1/27/2022	1/28/2022	U-41	\$213.07	Generic Payment
Transfer Out	1/1/2022	12/16/2021	Billing transfer	(\$1.55)	Transfer Out
Transfer In	1/1/2022	12/16/2021	Billing transfer	\$1.55	Transfer In
Payment	11/18/2021	11/19/2021	U-33	\$266.02	Generic Payment

Payment	7/15/2021	7/16/2021 #6-U (7/13-7/15)	\$313.98	Generic Payment
Payment	4/25/2021	4/26/2021 U-50	\$162.78	Generic Payment
Grand Total			\$3,929.45	

Town of Townsend
Townsend Water Department
540 Main Street
West Townsend, MA 01474
978-597-2212

Usage History Report

Account: 60386

Location: 11 SCALES LANE

Route: 11 Beacon

Owner: JAMES SMITH

Meter #:	13745856	Read Date	Read Type	Reading	Usage	Bill Date	Comments
Serial #:	35357095	9/5/2023	TRANSFER	353,314	2,914	10/1/2023	Last Reading
Head #:		6/16/2023	ESTIMATE	350,400	6,000	7/1/2023	Quick Entry 6/6/23
Head Type:		3/3/2023	ACTUAL	344,400	2,800	4/1/2023	Read Import on 3/8/2023
Walk Seq.:	7590	11/30/2022	ACTUAL	341,600	3,200	1/1/2023	Read Import on 11/30/20
Dials:	8	9/2/2022	ACTUAL	338,400	10,300	10/1/2022	Read Import on 9/6/2022
Brand:		6/1/2022	ACTUAL	328,100	5,600	7/1/2022	Read Import on 6/2/2022
Type:	Radio	2/28/2022	ACTUAL	322,500	3,000	4/1/2022	Read Import on 3/3/2022
Size:	NA	12/9/2021	ACTUAL	319,500	4,100	1/1/2022	Read Import on 12/13/20
Exchange:	02	9/1/2021	ACTUAL	315,400	5,200	10/1/2021	Read Import on 9/16/202
Install Date		6/11/2021	ACTUAL	310,200	6,400	7/1/2021	Read Import on 6/14/202
Replace Date:	9/5/2023	3/12/2021	ACTUAL	303,800	2,900	4/5/2021	Read Import on 3/23/202
Status:	InActive	12/1/2020	ACTUAL	300,900	0	2/24/2021	
Location:							

Meter #:	230677327	Read Date	Read Type	Reading	Usage	Bill Date	Comments
Serial #:	130497562	9/7/2023	ACTUAL	86	86	10/1/2023	Read Import on 9/7/2023
Head #:		9/5/2023	SET	0	0	10/1/2023	First Reading
Head Type:							
Walk Seq.:	7590						
Dials:	8						
Brand:							
Type:	Radio						
Size:	.625						
Exchange:	05						
Install Date	9/5/2023						
Replace Date:							
Status:	ACTIVE						
Location:							

Brenda Boudreau

From: David Vigeant
Sent: Thursday, October 5, 2023 8:10 AM
To: Water
Subject: FW: Townsend water rate study 2022 update with MBTE money FTC.pptx

Follow Up Flag: Follow up
Flag Status: Flagged

From: Michael J. Schrader <MJSchrader@tigheBond.com>
Sent: Monday, October 2, 2023 7:39 AM
To: David Vigeant <dvigeant@townsendwater.org>
Cc: Louis A. Soracco <LASoracco@tighebond.com>
Subject: RE: Townsend water rate study 2022 update with MBTE money FTC.pptx

Hi Dave
 When is the meeting?

From: David Vigeant <dvigeant@townsendwater.org>
Sent: Thursday, September 21, 2023 8:56 AM
To: Michael J. Schrader <MJSchrader@tigheBond.com>
Cc: Louis A. Soracco <LASoracco@tighebond.com>
Subject: RE: Townsend water rate study 2022 update with MBTE money FTC.pptx

[Caution - External Sender]

Hi Mike I have a small job we are looking projecting the budget for the next meeting. Here is the thing to change for the rate study.

- 1) We are applying \$431,000 to do all capital spend for the next 5 years the 431,000 is reimbursement we got from the SRF.
- 2) Conservatively for this past year free cash will be around \$500,000 due to the draught in summer 2022. For 2023 we took in \$2,065,000 and spent \$1,448,000
- 3) For 2024 with the 5 percent rate hike projected \$2,020,000
- 4) Personnel cost will be plus 10 percent for 2025 and 2026.
- 5) All other cost at 4 percent for 2025 and 2026
- 6) For 2027,2028,2029 all costs at 4 percent \$120,000 in yearly debt payments come off the books at this point.
- 7) Money in the MBTE account is \$1,027,000.
- 8) Capital spends planed \$ 100,000 for Truck,\$170,000 for backhoe, \$100,000 for gate exerciser and \$61,000 planning Lunenburg Rd Tank. For a total of \$431,000. I have the booster pump lot we are finishing up acquiring.
- 9) I can work up a rough proposed budget if needed

Any other question please call Thank You David

Capital Spending and Warrant Articles

Considerations and Facts:

- 1) In July 2023 the SRF reimbursed the water department for some of the over 1 million dollars the water department has currently spent on engineering cost for the water treatment plant, in the amount of \$431,000. (See exhibit 1)
- 2) Water rates are scheduled to rise 58% in the next 5 years. (2025-10%, 2026 thru 2029 12% each) (See Exhibit 2)
- 3) Lawsuit payouts to Townsend are pending, what they are is unknown, information sent to the lawyers will be evaluated. (See Exhibit 7)
- 4) Water Rate increases are dictated by the following: additional debt, capital expenditure needs, cost in goods and services increases, utility increases, and personnel costs. (See Exhibit 3)
- 5) Project revenue was set to be less than we took in last year because of the dry summer last year. 2023 revenue was \$2,065,000. Projected is \$2,015,000 with a 5% increase over last year to bring it to that number.
- 6) The water department expended \$1,430,000 last year \$80,000 under budget. The difference will be in free cash this fall. Would like not to use free cash this year.
- 7) We put off capital spending this year to reduce the rate hike to 5%.

Plan:

- 1) Apply the \$431,000 to capital spending.
- 2) Purchase/fund the next 5 years of capital spending with the \$431,000.
- 3) Rate study and budget worked on in December.
- 4) Don't touch the \$600,000 in free cash from fiscal year 2023. Build the reserves back up which is part of the rates.
- 5) Present to board 9 January 2023. Goal to cut the rate hikes to 25% to 30% from the 58% projected. We may do better. 5%to 6% is better than 10% to 12%.

Warrant Articles

1 Transfer the State Revolving Fund Reimbursement to the Capital Spending Fund for the Water Department

2) Purchase the Gate Exerciser/Vacuum Tractor and equipment, from fiscal year 2024 that was put off till 2025. \$100,000 (See Exhibit 8)

3) Purchase a new F350 Utility Truck and equipment to replace 2014 utility truck. \$100,000. (see exhibit 5)

4) Replace the 2004 Backhoe with at new 2023 Cat 440 Backhoe which is larger and has extended reach. \$170,000 (see Exhibit 6)

5) Plan and Engineer Lunenburg Road Water Tank to be able to bring water to approximately Townsend 2000 residents. (\$61,000) (see exhibit 3)

3.1

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER RESOURCES
PAYMENT REQUISITION

EXHIBIT
j

LOAN NO.: <u>DWP-22-26</u> DMS PROJECT NO.: <u>DWSRF-6964</u>		REQUEST NO.: <u>1</u> SERVICE DATES: <u>7/1/2022 - 6/30/2023</u>	
LEGAL NAME AND ADDRESS OF BORROWER: <u>Town of Townsend</u> <u>272 Main Street</u> <u>Townsend, MA 01469</u>			
EXPENDITURE TYPE	APPROVED AMOUNT \$	PREVIOUS REQUESTS \$	THIS REQUEST \$
Construction Contract 1 - Harbor Trace Treatment Plant	\$ 6,878,889	\$ -	\$ 779,997
Construction Contract 2 - Water Main Improvements	\$ 4,756,422	\$ -	\$ 865,401
Construction Services	\$ 1,300,000	\$ -	\$ 81,030
OPM	\$ 58,000	\$ -	\$ 4,690
Contingency - Contract 1	\$ 1,000,000		
Contingency - Contract 2	\$ 238,689		
Other: PFAS Design	\$ 431,000	\$ -	\$ 431,000
Other: Police	\$ 202,000	\$ -	\$ -
Other: Testing	\$ 35,000	\$ -	\$ -
Totals	\$ 14,900,000	\$ -	\$ 2,162,118

CERTIFICATION OF THE BORROWER:

The Authorized Representative of the Borrower identified below certifies the following:

- (i) This payment is for Project Costs and the obligations specified herein have not been the basis for a prior requisition that has been paid;
- (ii) there has been no Default, as defined in the Regulatory Agreement hereunder or no Event of Default as defined in the Loan Agreement, and no event or condition exists which after notice or lapse of time or both, would become a Default under the Regulatory Agreement or an Event of Default under the Loan Agreement exists; and
- (iii) the payment requested by this requisition is due for work actually performed or materials or property actually supplied prior to the date of of this requisition less retainage.

Signature: *David W. Vigeant* Date: 6 JULY 2023
Print Name: David Vigeant
Title: Water Superintendent

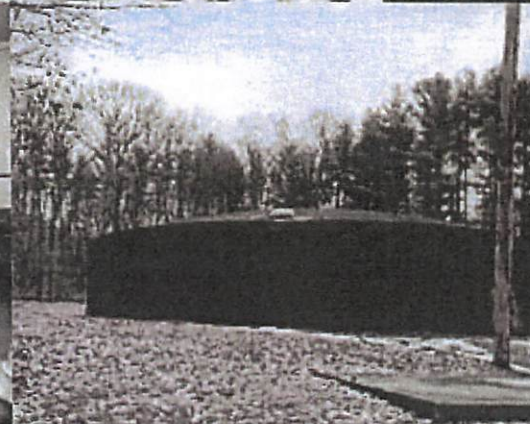
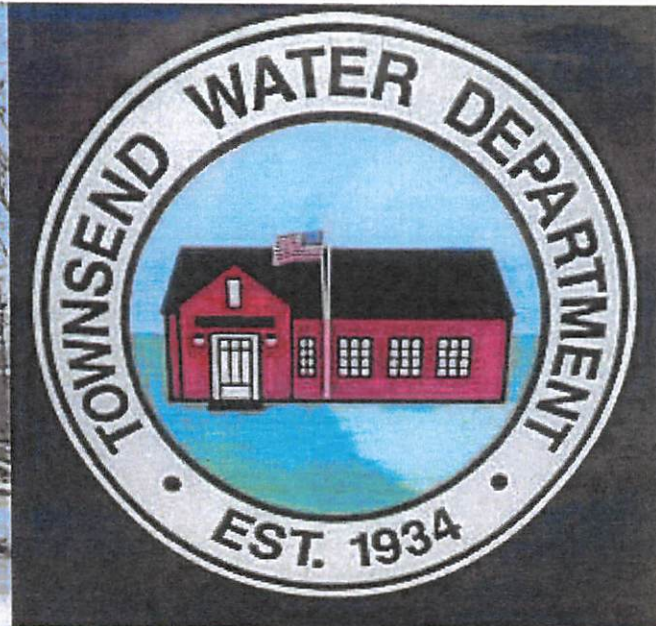
(To be completed by the DEP Division of Municipal Services)

Amount Requested: _____ Amount Approved: _____

Signature: _____ Date: _____

Print Name: Maria E. Pinaud
Title: Division Director

EXHIBIT 3.1
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WATER RATE EVALUATION UPDATE

Townsend, MA

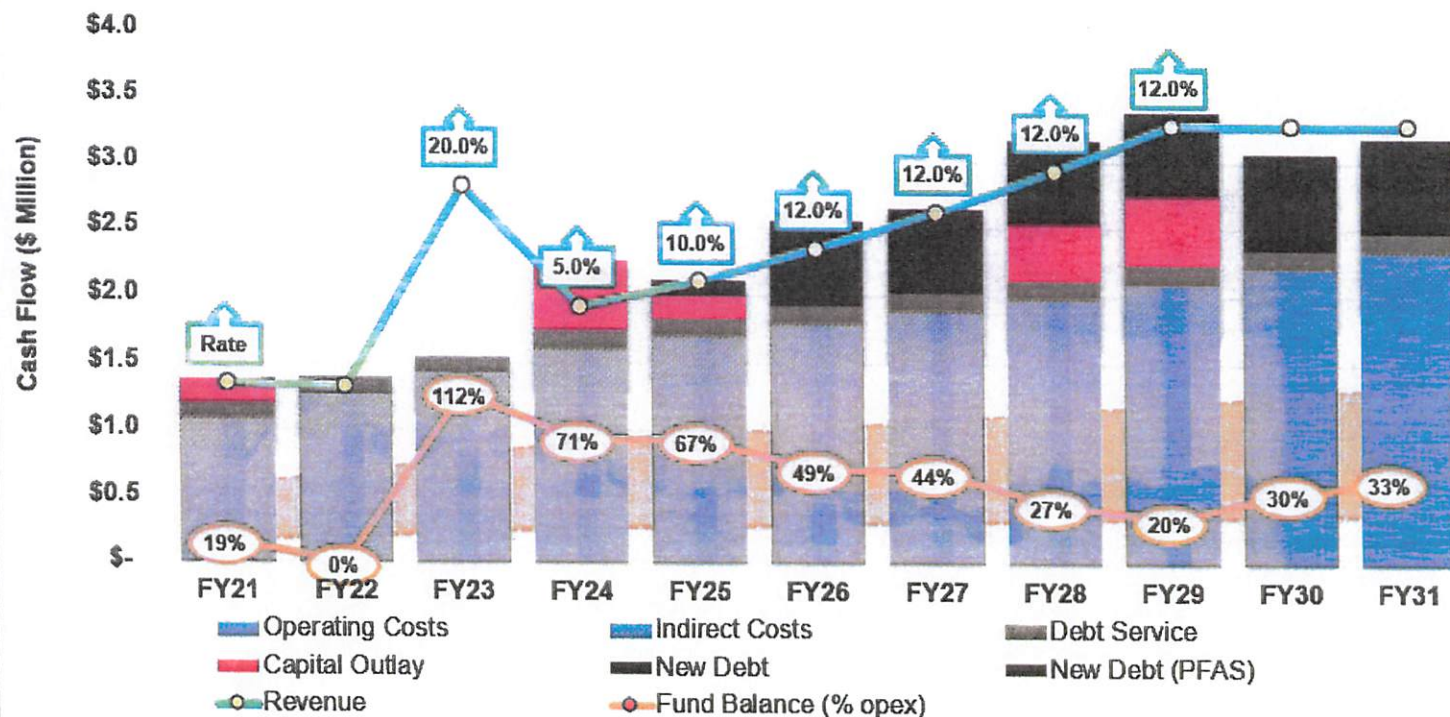
January 2022

3.1 PROFORMA Tiered Rate Structure

	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
Revenue								
Rate Revenue	\$ 1,231,920	\$ 1,206,945	\$ 1,718,369	\$ 1,804,288	\$ 1,984,716	\$ 2,222,882	\$ 2,489,628	\$ 2,788,383
Non Rate Revenue	\$ 106,127	\$ 114,860	\$ 112,264	\$ 114,978	\$ 120,675	\$ 128,196	\$ 136,620	\$ 146,054
MBTE Funds			\$ 987,000					
TOTAL REVENUE	\$ 1,338,046	\$ 1,321,805	\$ 2,817,633	\$ 1,919,265	\$ 2,105,392	\$ 2,351,079	\$ 2,626,248	\$ 2,934,438
delta previous	▲ 33.0%	▼ 2.0%	▲ 42.4%	▲ 5.0%	▲ 10.0%	▲ 12.0%	▲ 12.0%	▲ 12.0%
Net Revenue (Revenue-Expense)	\$ (278,907)	\$ (202,982)	\$ 1,275,015	\$ (345,043)	\$ (8,199)	\$ (211,604)	\$ (30,167)	\$ (237,921)
Retained Earnings Balance	\$156,875	\$0	\$1,275,015	\$929,972	\$921,773	\$710,170	\$680,003	\$442,082
(as % OpEx)	19%	0%	112%	71%	67%	49%	44%	27%

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Water Proforma - Tiered Rates



1. MBTE funds, assume added to FY23
2. Assumed pending results of final revenue and expenses for FY22. FY24 increase based upon the zero fund balance assumption for FY22.

EXPENSE SUMMARY

Town of

Townsend

Water Enterprise Financial Model

	Budget FY21	Budget FY22	Budget FY23	Budget FY24	Projected FY25	Projected FY26	Projected FY27	Projected FY28
Operating Expenses								
Personnel Services	\$395,316	\$455,200	\$575,503	\$610,953	\$641,501	\$673,576	\$707,254	\$742,617
Purchase Of Services	\$197,280	\$228,930	\$251,578	\$271,230	\$298,353	\$328,188	\$361,007	\$397,108
Supplies	\$98,125	\$143,618	\$182,400	\$254,100	\$261,723	\$269,575	\$277,662	\$285,992
Repair & Maint Bldg	\$50,000	\$50,000	\$50,000	\$80,000	\$82,400	\$84,872	\$87,418	\$90,041
Repair & Maint Equip	\$40,000	\$40,000	\$45,000	\$45,000	\$46,350	\$47,741	\$49,173	\$50,648
Repair & Maint Dist	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Charges And Expenses	\$15,270	\$22,025	\$21,880	\$26,025	\$26,806	\$27,610	\$28,438	\$29,291
Repair & Maint SCADA	\$10,500	\$15,000	\$16,000	\$17,000	\$17,510	\$18,035	\$18,576	\$19,134
Subtotal	\$836,491	\$954,773	\$1,142,361	\$1,304,308	\$1,374,642	\$1,449,596	\$1,529,529	\$1,614,830
	▲ 11.8%	▲ 12.4%	▲ 16.4%	▲ 12.4%	▲ 5.1%	▲ 5.2%	▲ 5.2%	▲ 5.3%
Indirects	\$234,125	\$300,205	\$273,000	\$300,000	\$320,750	\$336,788	\$353,627	\$371,309
as % of Personnel services	59%	66%	47%	49%	50%	50%	50%	50%
Capital Expenses								
Capital Outlay	\$180,343	\$0	\$0	\$526,000	\$544,000	\$0	\$0	\$0
Articles	\$371,634	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0
Debt Service	\$127,257	\$134,000	\$127,257	\$134,000	\$134,000	\$134,000	\$134,000	\$134,000
New Debt Service (SRF)	\$0	\$0	\$0	\$0	\$120,198	\$642,298	\$639,259	\$636,219
New Debt Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$679,234	\$234,000	\$127,257	\$660,000	\$798,198	\$776,298	\$773,259	\$770,219
	▼ 163.4%	▼ 180.3%	▼ 63.9%	▲ 60.7%	▲ 17.3%	▼ 2.3%	▼ 0.4%	▼ 0.1%
Capital Outlay (ARPA)*		\$0	\$425,000	\$0	\$0	\$0	\$0	\$0
* NOT included in Total Expenses								
TOTAL BUDGET	\$1,749,850	\$1,488,978	\$1,542,618	\$2,264,308	\$2,493,590	\$2,562,682	\$2,656,415	\$2,756,358
	▼ 57.7%	▼ 17.5%	▲ 3.5%	▲ 31.9%	▲ 9.2%	▲ 2.7%	▲ 3.5%	▲ 3.6%

CAPITAL IMPROVEMENT PLAN

Capital Improvement Planner

System Component	System Scope	Description	Funding source	Interest Rate	Estimated Cost	Cost Year	Escalated Cost	Start Year	Term
Source	Other	Main St & Cross Street Wellhouse Generator	ARPA		\$ 220,000	2023	\$ 220,000	2023	1
Treatment	Engineering	PFAS Water Treatment Plant - Prelim Engineering	ARPA		\$ 205,000	2023	\$ 205,000	2023	1
Treatment	Engineering	PFAS Water Treatment Plant - Design	Rate		\$ 495,000	2021	\$ 526,000	2023	1
Treatment	Construction	PFAS Water Treatment Plant	SRF	0.4%	\$ 16,578,800	2025	\$ 16,579,000	2025	30
Enterprise	Other	Trailer Mounted Gate Exerciser with vacuum	Rate		\$ 85,000	2021	\$ 96,000	2025	1
Enterprise	Engineering	Utility Truck plus equipment	Rate		\$ 60,000	2021	\$ 68,000	2025	1
Enterprise	Engineering	Lunenburg Connection - Tank	Rate		\$ 337,500	2021	\$ 380,000	2025	1
Distribution	Engineering	Year 4 - Watermain Replacement 1,850' New Fitchburg Road	Rate		\$ 75,000	2021	\$ 96,000	2029	1
Distribution	Construction	Year 4 - Watermain Replacement 1,850' New Fitchburg Road	Debt	4.0%	\$ 730,000	2021	\$ 953,000	2030	20
Distribution	Engineering	Year 5 - Watermain Replacement 1,650' New Fitchburg Road	Rate		\$ 70,000	2021	\$ 92,000	2030	1
Distribution	Construction	Lunenburg Connection - Watermain	Rate		\$ 337,500	2021	\$ 468,000	2032	20
Total					\$19,193,800		\$ 19,683,000		

1. Total project cost \$14.9M + \$4.2M for PFAS WTP and Watermain construction. Assumed financing = 30 yrs @ 0.4% with 13.2% Principal Forgiveness

Exhibit 3

Facilities	Exterior Repair Harbor Fire Station	Y	\$ 10,000					\$ 10,000
Facilities	Window replacement (Energy Efficiency) West Townsend Reading Rm			\$ 20,000				\$ 20,000
Facilities	Old Harbor Fire Station (DCR) Exterior repair & painting	Y	\$ 20,000					\$ 20,000
Fire Dept	Replace 1995 Engine 2	Y	\$ 745,000					\$ 745,000
Fire Dept	Replace 1995 Forestry 2	Y	\$ 75,000					
Fire Dept	Replace 2002 Engine 3				\$ 785,000			
Fire Dept	Replace 2007 Car 2 (old Paramedic SUV)with Pickup truck	Y	\$ 55,000					
Fire Dept	Protective Bunker Gear Replacement					\$ 135,000		
Fire Dept	Air Pack Replacement if not replaced with grant						\$ 525,000	
Fire Dept	Replace 2007 Engine							
Water Dept	Online Bill payment system		tbd					\$ -
Water Dept	Decommissioning and reforesting Main St Well field **	Y	\$ 30,000					\$ 30,000
Water Dept	Installation of Main St Wellhouse generator **	Y	\$ 120,000					\$ 120,000
Water Dept	Installation of Cross St Wellhouse generator **	Y	\$ 100,000					\$ 100,000
Water Dept	Fusing machine for water mains	Y	\$ 25,000					\$ 25,000
Water Dept	36" wide scanner/copier	Y	\$ 10,000					\$ 10,000
Water Dept	Witches Brook Harbor Trace Treatment Plan ***		tbd					\$ -
Water Dept	Design Harbor Trace Treatment Plant ***		tbd					\$ -

Water Dept	Harbor Trace Treatment Plant - Installations ***			TBD				\$ -
Water Dept	Trailer Mounted Gate Exerciser with vacumm			\$ 85,000				\$ 85,000
Water Dept	Gas, Hybrid, Electric dump truck (F-450) with plow				\$ 100,000			\$ 100,000
Water Dept	Water main, S Harbor Rd Ash to South Row 1500'					tbd		\$ -
Water Dept	South Row Rd to Emery 3000'						tbd	\$ -
Water Dept	Utility truck and equipment						\$ 60,000	\$ 60,000
Police Dept	Records Management Project (scan old documents)	Y	35,000					\$ 35,000
Police Dept	Installation of Restroom 2nd Floor			15,000				
Police Dept	Renovation of Comm Ctr./Records			60,000				\$ 60,000
Police Dept	2nd Lease payment on 4 cruisers	Y	70,000					\$ 70,000
	*** Revolving fund							\$ -
	** Funded from ARPA, No Town Funds							\$ -
								\$ -
Total, All Departments			1,790,450	510,050	1,423,238	386,113	816,112	\$ 4,925,963

Recap by department	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
Cons Com	\$ 1,050	\$ 50	\$ 50	\$ 50	\$ 50	\$ 1,250
HWY	\$ 377,400	\$ 250,000	\$ 538,188	\$ 251,063	\$ 231,062	\$ 1,647,713
Facilities	\$ 147,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 247,000
Water Dept	\$ 285,000	\$ 85,000	\$ 100,000	\$ -	\$ 60,000	\$ 530,000
Police Dept	\$ 105,000	\$ 75,000	\$ -	\$ -	\$ -	\$ 180,000
Fire Dept	\$ 875,000	\$ -	\$ 785,000	\$ 135,000	\$ 525,000	\$ 2,320,000



Purchase & Sales Agreement

EXHIBIT 5

3.1

CUSTOMER

Contact Name: Kevin Keefe
Company/Dept: Townsend Water
Street Address:
City, State, Zip: Townsend, MA
Phone: 978-877-3174
E-Mail: kkeefe@townsendwater.org
Job Description: Pickup / Lights / Plow

Date: 8.29.23
Valid for: 60 Days*
Customer #:
Contract: PCC
Sales Rep: Ed Miley

Vehicle: **F350** PCC-2023-2026 23-1670

CONTRACT LINE REFERENCE	VEHICLE LINE DESCRIPTION	UNIT PRICE	QTY.	EXTENDED PRICE
W3B	2023 F350 XL Pickup/ Crew Cab / 160"WB/ 6.75ft bed (610A)	\$48,185.00	1	\$48,185.00
99A/44F	6.8L V8 GAS ENGINE / TORQSHIFT-G AUTOMATIC TRANSMISSION	\$0.00	1	\$0.00
Z1 / AS	Oxford White/ MEDIUM DARK SLATE HD VINYL 40/20/40 SPLIT BENCH SEAT	\$0.00	1	\$0.00
18B	PLATFORM RUNNING BOARDS	\$313.60	1	\$313.60
473	SNOW PLOW PREP PACKAGE	\$245.00	1	\$245.00
67E	250 AMP Alternator	\$83.30	1	\$83.30
86M	DUAL 68 AH/65 AGM BATTERIES	\$205.80	1	\$205.80
TD8	TIRES: LT245/75x17E BSW A/T	\$0.00	1	\$0.00
512	SPARE TIRE & JACK	\$343.00	1	\$343.00
66S	Upfitter Switches	\$279.30	1	\$279.30
68M	19,500lb PAYLOAD UPGRADE	\$161.70	1	\$161.70
X4M	LIMITED SLIP W/4.30 AXLE RATIO	\$421.40	1	\$421.40
Vehicle Total:				\$50,238.10

Equipment:

CONTRACT LINE REFERENCE	CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	QTY.	EXTENDED PRICE
SERVICE BODY				
TAB 3	6 3/4' long steel service body - SRW chassis			\$13,864.00
TAB 3	Inside compartment rope lighting (LED)			\$661.00
WINTER EQUIPMENT				
2622	Fisher 9' HD2 snow plow package			\$7,995.00
TAB 3	Rubber Snow Foil			\$795.00
LIGHTING				
2979	Whelen Mini-Legacy Light Bar GT9****P			\$1,038.00
TAB 3	3rd Brake Light Mount For Light Bar			\$383.00
TAB 3	ION A-SERIES LINEAR LT AMBER (Front Grille)	\$210.00	2	\$420.00
2995	Work Lights On Hitch/On in reverse NP6 (PAIR)	\$329.00	1	\$329.00
TAB 3	ION A-TLMIA AMBER	\$175.00	2	\$350.00
FENDERS /HITCH				
TAB 3	Trailer plug, wired			\$150.00
UPFIT EQUIPMENT				

3.1

SVCS	Floor Mats			\$135.00
SVCS	Spray In Bedliner (Bed & Compartment Tops)			\$1,295.00
TAB 3	Magnum Rack w/ Lights			\$1,110.00
TAB 3	3000W Inverter (CS-Rear Compartment)			\$2,997.00
TAB 3	Battery / Inverter Isolater Kit			\$1,946.00
TAB 3	Tonneau Cover -Vinyl Black			\$785.79
TAB 3	Running Boards for Crew Cab (Black)			\$821.00
TAB 3	Vent Visors			\$165.00
Contract Equipment Total:				\$35,239.79

Non-Contract Equipment:

CONTRACT LINE REFERENCE	NON-CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	QTY.	EXTENDED PRICE
SVCS	N/A			0.00
Non-Contract Equipment Total:				\$0.00
Vehicle and Equipment Total:				\$85,477.89
Qty:				1
Total:				\$85,477.89

Trade Vehicle/s:

CONTRACT LINE REFERENCE	TRADE VEHICLE LINE DESCRIPTION	UNIT PRICE	QTY.	EXTENDED PRICE
TRADE	Vehicle: Vin Number:			\$0.00
TRADE	Vehicle: Vin Number:			\$0.00
TRADE	Vehicle: Vin Number:			\$0.00
TRADE	Vehicle: Vin Number:			\$0.00
TRADE	Vehicle: Vin Number:			\$0.00
Trade Vehicle/s Total:				\$0.00
Quote Grand Total:				\$85,477.89

TERMS AND CONDITIONS

Deferrals and Cancellations of Sales Orders In all cases where vehicles, products, and labor are purchased against government and public contracts, the terms and conditions of that contract shall prevail and bind MHQ. In cases where contract terms on deferral and/or cancellation are not defined, and for non- contract sales, the following MHQ policy shall prevail.

Deferrals

For this discussion, "deferral" refers to a customer-initiated action to delay the delivery of purchased items* beyond the delivery date confirmed to the customer in writing (Purchase Order confirmation). All deferral requests must be communicated to MHQ in writing.

MHQ, at their sole discretion, reserves the right to accept or reject deferral requests. Once the subject item has started the production / fabrication process, delivery deferrals are not allowed - the item will be built, shipped, and billed upon completion. For deferral requests on items not yet in production, MHQ shall negotiate deferral terms with the customer's purchasing or sourcing authority (not the requisitioner). Consequences of order deferrals may include, but not be limited to, loss of scheduled production timeslot and reallocation of vehicles and/or materials to other active jobs or other customers.

Special Order and Non-Cancellable/Non-Returnable Items (NCNR)

Certain items and material are categorized as "Special Order" or "NCNR." Attempts to cancel shall be handled on an individual basis.

Depending on the stage of production of a special-order item, and the suppliers involved, special order items may incur cancellation charges based on supplier purchase liabilities. MHQ shall always act in the interest of our customers to minimize or eliminate cancellation charges whenever possible.

Special Order items will be identified as such at the time of quoting and order acceptance to assure an understanding of risk to the customer.

NCNR items are not cancellable with our suppliers. MHQ will make a reasonable attempt to minimize the financial impact of cancelling NCNR items, but no assurance is offered that the customer's purchase liability for these item types can be reduced in any way. NCNR items will be identified as such at the time of quoting and order acceptance to assure an understanding of risk to the customer.

Cancellations

For this discussion, "cancellation" refers to a customer-initiated action to cancel a customer committed order** or any part thereof. All cancellation requests must be communicated to MHQ in writing. Cancellations will be accepted, without penalty, until the point in time where material has been ordered to support production of the ordered item(s). Once components or material is ordered against a committed customer order, cancellation charges may apply based on supplier purchase liabilities. MHQ shall always act in the interest of our customers to minimize or eliminate cancellation charges whenever possible. Depending on the type of material/components and the suppliers involved, the range of customer purchase liability can range from complete release of purchase liability, up to and including full liability of the original material cost.

Supplier Failure to Perform

MHQ shall be held harmless in cases where their suppliers fail to source, build, or deliver quoted or ordered products required to satisfy customer committed orders. MHQ shall also be held harmless in cases where a supplier discontinues availability of a product, places a product on allocation, or delivery times extend beyond their normal quoted delivery times such that the subject product becomes unavailable, or experiences extended delivery times. In these cases, MHQ shall offer alternatives, where commercially available, to the customer for consideration as acceptable substitutes.

***Purchased Items**

"Purchased Items" is defined as any item, component, or material required to fulfill a committed customer order.

****Customer Committed Order**

"Customer Committed Order" is defined as any acceptable form of communication that directs MHQ to produce and sell an item to their customer.

Acceptable forms of communication are customer Purchase Orders, quotes that are signed and dated by a customer purchasing authority, Letters of Intent or Letters of Commitment that are signed and dated by a customer purchasing authority, or similar instruments that communicate an intent to purchase.

ORDER ACKNOWLEDGEMENT

By signing this document you are agreeing to the above terms and conditions of this order from MHQ, Inc.

x

PRINT NAME

x

TITLE

x

SIGNATURE



EXHIBIT 6 3.1

Massachusetts & RI Locations:

100 Quarry Dr. 84 Concord St.
Milford, Ma. 01757 N. Reading, Ma. 01864

14 Kendrick Rd., Rte 28 2158 Plainfield Pike
Wareham, Ma. 02571 Cranston, RI. 02920

Southworth-Milton, Inc.
www.miltoncat.com

Budget Quotation

DATE: August 29, 2023

Townsend Water
540 Main St, West Townsend
David Vigeant

State Contract: FAC116

Quote expires: October 31st, 2023

Qty	Description	List Price	State Contract Price
1	New 2023 CAT 440 Backhoe loader: C4.4 final tier 4 engine with cold weather package Deluxe cab with heat & AC. Seat mounted joystick controls External mirror kit (left & right mirrors), license plate mount LCD screen with pattern changer, return to dig, parallel lift Integrated selectable ride control (auto, off, full time) 6 speed autoshift transmission with selectable 4 wheel braking Michelin Bibload hard surface radial tires with front fenders IT hydraulic front quick coupler with 3rd valve hydraulics Extendible stick with aux. hyd, hyd thumb & hyd. rear coupler 24" HD rock bucket & AMI 48" hyd. tilt grading bucket CVP40 hydraulic compactor with backfill blade 1.75 yd Multipurpose (4-in-1) bucket with BOCE Roof mounted LED amber strobes: 2 front/2 rear 3 Year/ 1,500 hour Full Warranty Coverage Delivery & training included	\$ 295,000.00	\$ 184,500.00
<u>Trade-in</u>			
-1	2005 John Deere 310SG, serial# T0310SG946651 2,238 hours, 24" & 11" digging buckets included		\$ (20,000.00)

Total State Contract Delivered Price: \$ 164,500.00

Ryan Boudreau
Governmental and State Sales
Mobile Phone: 774-737-3275
Fax: 774-907-3062
ryan_boudreau@miltoncat.com

Milton**Massachusetts & RI Locations:**

100 Quarry Dr.
Milford, Ma. 01757

84 Concord St.
N. Reading, Ma. 01864

14 Kendrick Rd., Rte 28
Wareham, Ma. 02571

2158 Plainfield Pike
Cranston, RI. 02920

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Ryan Boudreau

Governmental and State Sales

Mobile Phone: 774-737-3275

Fax: 774-907-3062

ryan_boudreau@miltoncat.com



Cat® 440

BACKHOE LOADER

FEATURES:

The Cat® 440 Backhoe Loader delivers improved machine performance, a superior hydraulic system, improved operator controls and ergonomics, and overall versatility. The 440 features the following:

- **Ergonomic Operator Station** – Adjustable Seat Mounted Controls improve ergonomics by increasing operator comfort and legroom. Operators have Loader and Backhoe Controls in the palm of their hands, whether they are facing the Loader, the Backhoe, or sitting off set. Variable Speed Steer reduces operator fatigue in applications, such as truck loading, by reducing the number of steering wheel rotations required to turn the machine. The new Spring Applied Hydraulically Released (SAHR) Parking Brake is controlled by simply pressing a button.
- **Advanced Hydraulics** – The Cat Backhoe Loader's load sensing piston pump provides full hydraulic lifting and digging forces at any engine speed. Variable flow pump matches hydraulic power to work demands. The advanced hydraulic system allows the operator to adjust Loader and Backhoe Auxiliary Flow matching attachment specifications, program Loader Bucket Kickout and Return to Dig, and Enable Parallel Lift.
- **Machine Performance** – The Cat C4.4 ACERT™ engine delivers solid performance and meets U.S. EPA Tier 4 Final/EU Stage IV emission standards by utilizing Selective Catalytic Reduction technology with a Diesel Oxidation Catalyst. The new Backhoe design and optimized Loader Linkage increases lift capacity and breakout forces on both ends of the machine. A redesigned Loader System provides superior machine balance and stability regardless of the ground conditions.
- **Machine Versatility** – The all new Integrated Tool Carrier (IT Coupler) for Single Tilt Loader Arm configurations are available from the factory or for simple field installation. The Cat Backhoe Loader with Integrated Tool Carrier (IT Coupler) will be the most versatile machine on the job site providing quick connection to a variety of Cat Attachments.
- **Cat Attachments** – A variety of Mechanical and Hydraulic Cat Backhoe Couplers are available from the factory or for field installation. Options include, but not limited to, Dual Lock Pin Grabber Couplers and Pin Lock Couplers. Redesigned General Purpose and Multi Purpose Loader Buckets increase digging performance and improve bucket durability for long term value.

Specifications

Engine

Engine Model	C4.4 ACERT 87 kW (116 hp) Electronic – Turbo Intercooled	
Ratings at 2,200 rpm		
Gross Power SAE J1995	88 kW	118 hp
Gross Power ISO 14396	87 kW	116 hp
Net Power Rating at 2,200 rpm		
SAE J1349	78 kW	104 hp
ISO 9249	78 kW	104 hp
Net Peak Power Rating		
SAE J1349 at 2,100 rpm	80.7 kW	108 hp
ISO 9249 at 1,800 rpm	80.7 kW	108 hp
Bore	105 mm	4.13 in
Stroke	127 mm	5 in
Displacement	4.4 L	268 in³
Torque Rise (Net) at 1,400 rpm	44%	
SAE J1349	487 N-m	360 lb-ft
Power Rating Conditions		
No De-Rating Required Up To	2286 m	7,500 ft

Weights

Operating Weight – Estimated*	9772 kg	21,544 lb
Operating Weight – Maximum (ROPS Capacity)	13 300 kg	29,321 lb
Counterweight	500 kg	1,102 lb
Cab, ROPS/FOPS	+243 kg	+536 lb
Loader Bucket		
1.53 m³ (2.0 yd³) GP (Pin-On)	+80 kg	+176 lb
1.34 m³ (1.75 yd³) MP HD (Pin-On)	+214 kg	+472 lb
1.34 m³ (1.75 yd³) MP ED (Pin-On)	+290 kg	+639 lb
1.34 m³ (1.75 yd³) GP (Hook-On)	–150 kg	–331 lb
1.53 m³ (2.0 yd³) GP (Hook-On)	–73 kg	–162 lb
1.34 m³ (1.75 yd³) MP HD (Hook-On)	+85 kg	+187 lb
1.34 m³ (1.75 yd³) MP ED (Hook-On)	+160 kg	+353 lb
Loader Quick Coupler	+250 kg	+551 lb
Backhoe Quick Coupler	+87 kg	+192 lb
Extendible Stick	+301 kg	+664 lb

*Machine equipped with 340/80-18 front and 500/70-24 rear, AWD, OROPS, 1.34 m³ (1.75 yd³) general purpose bucket with bolt-on cutting edge, standard stick, 610 mm (24") severe-duty backhoe bucket.

GP = General Purpose

MP = Multi Purpose

HD = Heavy Duty

ED = Extreme Duty



440 Backhoe Loader

Transmission

Autoshift Transmission

Forward – 1st	5.9 km/h	3.7 mph
2nd	9.5 km/h	5.9 mph
3rd	12.4 km/h	7.7 mph
4th	19.6 km/h	12.2 mph
5th	26.8 km/h	16.7 mph
6th	39.2 km/h	24.4 mph
Reverse – 1st	5.9 km/h	3.7 mph
2nd	12.4 km/h	7.7 mph
3rd	26.8 km/h	16.7 mph

- Travel speeds of backhoe loader in two wheel drive at full throttle, when equipped with 500/70-24 rear tires.

Axle Ratings

Front Axle, AWD

Static	22 936 kg	50,565 lb
Dynamic	9174 kg	20,225 lb

Rear Axle

Static	22 936 kg	50,565 lb
Dynamic	9174 kg	20,225 lb

Hydraulic System

Type	Closed Center	
Pump Type	Variable Flow, Axial Piston	
Pump Capacity @ 2,200 rpm	220 L/min	58.1 gal/min
System Pressure		
Backhoe	26 200 kPa	3,800 psi
Loader	26 200 kPa	3,800 psi

Steering

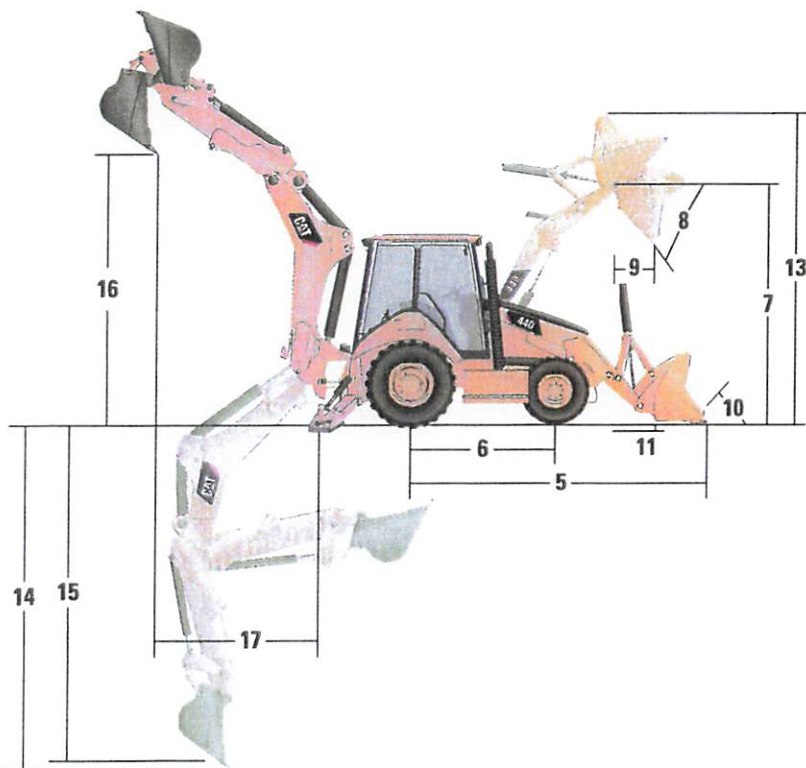
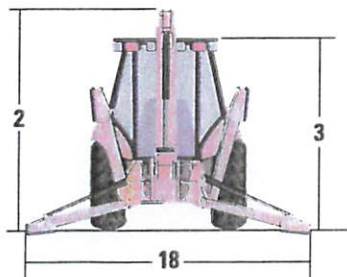
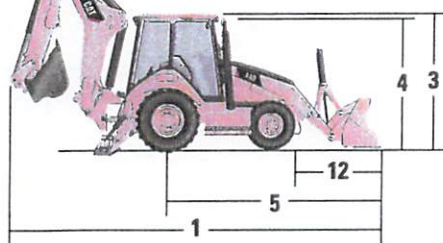
Type	Front Wheel	
Power Steering	Hydrostatic HMU	
Bore	85 mm	3.35 in
Stroke	236 mm	9.29 in
Rod Diameter	42 mm	1.65 in
Axle Oscillation	11°	
Turning Circle – AWD (inner wheel not braked)		
Outside Front Wheels	8.33 m	27'4"
Outside Widest Loader Bucket	11.5 m	37'9"

- AWD cylinder, one (1) double-acting.

Service Refill Capacities

Cooling System with Cab Heater	22.5 L	6.0 gal
Fuel Tank	160.0 L	42.3 gal
Engine Oil with Filter	8.8 L	2.3 gal
Diesel Exhaust Fluid (DEF)	19.0 L	5.0 gal
Transmission (Autoshift) – AWD, Autoshift	18.0 L	4.8 gal
Rear Axle (Center Housing)	16.5 L	4.4 gal
Front Axle (Center Housing)	11.0 L	2.9 gal
Planetaries	0.7 L	0.2 gal
Hydraulic System (Minimum)	120.0 L	31.7 gal
Hydraulic Tank (Nominal)	54.0 L	14.3 gal

Single Tilt Loader



Machine Dimensions

Bucket	Single Tilt Loader							
	GP (Pin-On) (1.34 m³/1.75 yd³)		GP (Pin-On) (1.53 m³/2.0 yd³)		MP HD (Pin-On) (1.34 m³/1.75 yd³)		MP ED (Pin-On) (1.34 m³/1.75 yd³)	
1 Overall Length (loader on ground) – Standard Stick	7867 mm	25'10"	7957 mm	26'1"	7908 mm	25'11"	7880 mm	25'10"
Overall Length (loader on ground) – Extendible Stick	7873 mm	25'10"	7963 mm	26'2"	7914 mm	26'0"	7885 mm	25'10"
Overall Transport Length – Standard Stick	7822 mm	25'8"	7888 mm	25'11"	7870 mm	25'10"	7849 mm	25'9"
Overall Transport Length – Extendible Stick	7827 mm	25'8"	7894 mm	25'11"	7876 mm	25'10"	7854 mm	25'9"
2 Overall Transport Height – Standard Stick	4052 mm	13'4"	4052 mm	13'4"	4052 mm	13'4"	4052 mm	13'4"
Overall Transport Height – Extendible Stick	4061 mm	13'4"	4061 mm	13'4"	4061 mm	13'4"	4061 mm	13'4"
Overall Width	2415 mm	7'11"	2415 mm	7'11"	2415 mm	7'11"	2415 mm	7'11"
3 Height to Top of Cab/Canopy	2769 mm	9'1"	2769 mm	9'1"	2769 mm	9'1"	2769 mm	9'1"
4 Height to Top of Exhaust Stack	2745 mm	9'0"	2745 mm	9'0"	2745 mm	9'0"	2745 mm	9'0"
Height to Loader Hinge Pin (transport)	395 mm	1'4"	399 mm	1'4"	447 mm	1'6"	447 mm	1'6"
Ground Clearance (LH step)	316 mm	1'0"	316 mm	1'0"	316 mm	1'0"	316 mm	1'0"
Ground Clearance (AWD guard)	312 mm	1'0"	312 mm	1'0"	312 mm	1'0"	312 mm	1'0"
Ground Clearance (counterweight)	378 mm	1'3"	378 mm	1'3"	378 mm	1'3"	378 mm	1'3"
5 Rear Axle Centerline to Front Grill	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"
Front Wheel Tread Gauge (track width)	2016 mm	6'7"	2016 mm	6'7"	2016 mm	6'7"	2016 mm	6'7"
Rear Wheel Tread Gauge (track width)	1814 mm	5'11"	1814 mm	5'11"	1814 mm	5'11"	1814 mm	5'11"
6 Wheelbase AWD	2215 mm	7'3"	2215 mm	7'3"	2215 mm	7'3"	2215 mm	7'3"

Loader Bucket Dimensions and Performance

Bucket	Single Tilt Loader							
	GP (Pin-On) (1.34 m³/1.75 yd³)		GP (Pin-On) (1.53 m³/2.0 yd³)		MP HD (Pin-On) (1.34 m³/1.75 yd³)		MP ED (Pin-On) (1.34 m³/1.75 yd³)	
Capacity (SAE rated)	1.34 m³	1.75 yd³	1.53 m³	2.00 yd³	1.34 m³	1.75 yd³	1.34 m³	1.75 yd³
Width	2450 mm	8'0"	2450 mm	8'0"	2450 mm	8'0"	2450 mm	8'0"
Lift Capacity at Maximum Height	3983 kg	8,782 lb	3936 kg	8,677 lb	3746 kg	8,259 lb	3706 kg	8,171 lb
Lift Breakout Force	52 587 N	11,822 lbf	50 458 N	11,343 lbf	50 171 N	11,278 lbf	49 979 N	11,235 lbf
Tilt Breakout Force	60 321 N	13,560 lbf	54 653 N	12,286 lbf	57 423 N	12,909 lbf	58 426 N	13,134 lbf
Tipping Load at Breakout Point	6424 kg	14,162 lb	6114 kg	13,479 lb	6144 kg	13,546 lb	6161 kg	13,582 lb
7 Maximum Hinge Pin Height	3628 mm	11'11"	3628 mm	11'11"	3628 mm	11'11"	3628 mm	11'11"
8 Dump Angle at Full Height	44°		44°		44°		44°	
Dump Height at Maximum Angle	2711 mm	8'11"	2649 mm	8'8"	2680 mm	8'10"	2701 mm	8'10"
9 Dump Reach at Maximum Angle	923 mm	3'0"	990 mm	3'3"	941 mm	3'1"	926 mm	3'0"
10 Maximum Bucket Rollback at Ground Level	42°		42°		43°		43°	
11 Digging Depth	159 mm	6"	158 mm	6"	169 mm	7"	164 mm	6"
Maximum Grading Angle	107°		105°		106°		107°	
Width of Dozer Cutting Edge	N/A		N/A		2438 mm		2438 mm	
12 Grill to Bucket Cutting Edge, Carry Position	1785 mm	5'10"	1854 mm	6'1"	1833 mm	6'0"	1811 mm	5'11"
13 Maximum Operating Height	4732 mm	15'6"	4834 mm	15'10"	4736 mm	15'6"	4736 mm	15'6"
Jaw Opening Maximum	N/A		N/A		1019 mm		1019 mm	
Bucket Jaw Clamping Force	N/A		N/A		36 635 N		36 635 N	
Weight (does not include teeth or forks)	1010 kg	2,227 lb	1090 kg	2,403 lb	1224 kg	2,698 lb	1300 kg	2,866 lb

Backhoe Dimensions and Performance

	Standard Stick		E-Stick Retracted		E-Stick Extended	
14 Digging Depth, SAE (maximum)	4718 mm	15'6"	4717 mm	15'6"	5859 mm	19'3"
15 Digging Depth, 2440 mm (8'0") Flat Bottom	4374 mm	14'4"	4372 mm	14'4"	5585 mm	18'4"
Digging Depth, 610 mm (2'0") Flat Bottom	4691 mm	15'5"	4690 mm	15'5"	5832 mm	19'2"
Reach from Rear Axle Centerline at Ground Line	7462 mm	24'6"	7460 mm	24'6"	8555 mm	28'1"
16 Reach from Swing Pivot at Ground Line	6210 mm	20'5"	6209 mm	20'4"	7304 mm	24'0"
Overall Operating Height	6229 mm	20'5"	6229 mm	20'5"	7069 mm	23'2"
Loading Height	4275 mm	14'0"	4113 mm	13'6"	4705 mm	15'5"
17 Loading Reach	2119 mm	6'11"	2238 mm	7'4"	3227 mm	10'7"
Swing Arc	175°		175°		175°	
Bucket Rotation	205°		201°		201°	
18 Stabilizer Spread, Operating Position (outside edge of pad)	4224 mm	13'10"	4224 mm	13'10"	4224 mm	13'10"
Stabilizer Spread, Transport Position	2245 mm	7'4"	2245 mm	7'4"	2245 mm	7'4"
Bucket Dig Force	75 129 N	16,890 lbf	74 628 N	16,777 lbf	74 628 N	16,777 lbf
Stick Dig Force	45 370 N	10,199 lbf	46 093 N	10,362 lbf	34 256 N	7,701 lbf

440 Backhoe Loader

STANDARD EQUIPMENT

- 4572 mm (15 ft) center pivot excavator style backhoe
- Adjustable auxiliary flow controls, loader and backhoe
- Air cleaner
- Alarm, back-up
- Alternator, 150 amp
- Audible system fault alarm
- Automatic Engine Speed Control (AESC)
- Autoshift transmission with six (6) forward and three (3) reverse gears and neutral safety switch
- Backhoe Safety Manual
- Battery Box, external, lockable
- Battery disconnect switch
- Battery, maintenance-free, 1,000 CCA
- Boom transport lock
- Brace, lift cylinder
- Brake, SAHR secondary parking
- Brakes, hydraulically boosted, oil disc, dual pedals, interlocking
- Canopy, ROPS/FOPS
- Cat cushion swing system
- CD-ROM Parts Manual
- Coat restraint
- Coolant/antifreeze, extended life
- Counterweight, bumper, 500 kg (1,102 lb)
- Diagnostic port for engine, machine and gauge cluster Electronic Control Modules
- Differential lock, loader joystick
- Dome light (cab only)
- Engine enclosure, sound suppression removal panels
- Engine, Cat C4.4 ACERT (Direct Injection Turbocharged), meets Tier 4 Final/Stage IV emission standards, selective catalyst reduction, diesel oxidation catalyst (DOC)
- Face seals, O-ring
- Fan, suction and guard
- Fast reversing shuttle, all gears
- Fenders, rear
- Filters, bowl and cartridge: fuel, hydraulic fluid
- Filters, spin-on: engine oil, transmission oil, water separator
- Flashing hazards/signal lights
- Floor mat
- Four Wheel Drive/Brake Mode Selector
- Fuel tank, fully enclosed
- Fully hinged front grill for cooling package cleaning access
- Ground level fuel fill and DEF fill
- High ambient cooling package
- Hood lock, inside cab
- Hydraulic hose, XT™
- Hydraulic oil cooler
- Hydraulic oil level sight gauge
- Hydraulic valves, backhoe six (6) function
- Hydraulic valves, loader three (3) function
- Hydraulics, load sensing with variable displacement piston pump and flow sharing valve
- Indicator lights: hydraulic implement lockout, hydraulic filter bypass, water in fuel, operator presence, remote dial throttle active, air filter blocked, engine warning, machine locked (if equipped), warning lamp, emissions module malfunction, low battery/charging system warning, high hydraulic oil temperature; LCD warnings: engine oil pressure, service due, high coolant temperature, auto idle shutdown, high torque converter temperature
- Instrument panel lights
- Joystick controls: electrohydraulic controls with pattern changer valve
- Key start/stop system
- LCD operator screen
- Lights, working (four [4] front, four [4] rear)
- Loader joystick, self-leveling, return-to-dig, transmission disconnect switch, Forward/Neutral/Reverse Switch, MP Auxiliary roller
- Loader, single tilt
- Machine Security System integrated into LCD operator display
- Mirror, rearview
- One-touch low idle
- Open circuit breather
- Operations and Maintenance Manual
- Pattern changer, in cab
- Power receptacle, 12 volt, one (1) internal + one (1) USB, two (2) external
- Product Link™
- Radio ready (Cab)
- Rubber impact strips on radiator guards
- Seat belt, retractable, 51 mm (2 in)
- Seat mounted controls
- Seat, air suspension with armrest
- Stabilizer pads, reversible
- Stabilizers, electrohydraulic, auto-up function
- Starting system, glow plugs
- Steering knob
- Steering, hydrostatic
- Stop and tail lights
- Storage compartment (Cab/Canopy), lockable
- Storage tray, electronics and miscellaneous items
- Swing transport lock
- Throttle, hand and foot, electronic
- Tilt steering wheel (Canopy), Tilt/telescoping (Cab)
- Tire Valve Stem Protection
- Tires
- Torque converter
- Transmission neutralizer switch
- Transport tie-downs
- Vandalism locks, four (4)
- Vandalism protection, gauge cover (Canopy)
- Warning horn, electric

OPTIONAL EQUIPMENT

- Battery, additional, 1,000 CCA
- Cab, deluxe with air conditioning
- Cold weather fuel (-30° C/-22° F)
- Cold weather package, including additional battery, engine block heater, radiator antifreeze, cold weather fuel (-30° C/-22° F) and mounting for an ether bottle
- Fenders, front with integral steps
- Guard, boom protection plate
- Guard, stabilizer, rock
- Guard, stabilizer, stab leg bottom
- Hydraulic lines, combined function auxiliary
- Hydraulic valves, loader quick coupler
- Lights, LED work lights, wide and spot
- Loader, Quick Coupler
- Quick Coupler, backhoe, hydraulic, dual lock
- Quick Coupler, backhoe, manual, dual lock
- Quick Coupler, backhoe, pin lock
- Radio and CD player, Bluetooth®
- Ride Control
- Rotating beacon, magnetic mount
- Seat belt, 75 mm (3 in)
- Seat, heated
- Stick, extendible
- Transmission, Autoshift with lock-up torque converter
- Work Tool Attachments such as buckets, forks, material handling arms, augers, hammers, brooms, cold planers and vibratory plate compactors. See your Cat dealer for more information.

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AEHQ8167 (10-2018)
Build Number: 07A
(North America)



David Vigeant

From: David Vigeant
Sent: Thursday, August 31, 2023 2:32 PM
To: Eric Slagle; Chaz Sexton-Diranian
Cc: Todd Melanson; 'Nathan Mattila'; Louis A. Soracco; Water
Subject: FW: Important Update: In Re: Aqueous Film-Forming Foams Products Liability Litigation, MDL No. 2:18-mn-2873-RMG: 3M and DuPont Settlements

From: Napoli Shkolnik AFFF Team <AFFFTeam@Napolilaw.com>
Sent: Thursday, August 31, 2023 1:20 PM
To: David Vigeant <dviceant@townsendwater.org>
Subject: Important Update: In Re: Aqueous Film-Forming Foams Products Liability Litigation, MDL No. 2:18-mn-2873-RMG: 3M and DuPont Settlements

Dear Sir/Madam:

We hope this email finds you well.

We are writing to inform you about important matters related to the 3M and DuPont settlements.

First, the court granted preliminary approval for the DuPont and 3M settlements on August 22 and 29, 2023, respectively, marking an important step forward for public water systems in addressing PFAS contamination in their drinking water supplies.

In order to participate in these settlements, public water systems need to undergo baseline testing. That is, **public water systems must test the raw water in every water source (groundwater well or surface water system) they own for PFAS.** Baseline Testing is different from what the EPA requires for UCMR5. Under UCMR5, a public water system is required to test for PFAS only at the entry points to its distribution system. However, Baseline Testing requires: (1) settlement class members to test the raw water of every water source for at least 29 PFAS chemicals required under UCMR 5, using a methodology consistent with the requirements of UCMR 5 or applicable State requirements (if stricter); (2) request from the laboratory that performs the analyses all analytical results, including the actual numeric values of all analytical results; and (3) submit the detailed PFAS test results to the claims administrator on a claims for(s) by the relevant claims form deadline. **We recommend that you perform Baseline Testing in all your water sources before the Fairness Hearing for the DuPont settlement on December, 14 2023.**

If the public water system previously performed testing on their water sources, they may qualify for one of the testing exceptions available under each settlement:

3M Settlement: (1) Any water source that was tested on or before **June 22 2023**, using a state or federal approved methodology and was found to contain a measurable concentration of PFAS does not need to be tested again for purposes of Baseline Testing; (2) Any water source that was tested between **January 1, 2019 and June 22, 2023** and did not find a measurable concentration of PFAS does not need to be tested again for purposes of Baseline Testing.

s

DuPont Settlement: (1) Any water source that was tested on or before **June 30, 2023** and was found to contain a measurable concentration of PFAS does not need to test that water source again for purposes of Baseline Testing;
 (2) Any water source that was tested between **December 7, 2021 and June 30, 2023** and did not find a measurable concentration of PFAS does not need to be tested again for purposes of Baseline Testing.

Class Counsel has arranged for discounted testing with the following laboratory to assist class members with Baseline Testing. There is no requirement to use the listed laboratory.

Eurofins Environmental Testing

Telephone Number: (916) - 374 - 4499

<https://www.eurofinsus.com/environment-testing/pfas-testing/pfas-water-provider-settlement/>.

Second, the Settlement Steering Committee recently released the Estimated Allocation Range Tables for both settlements. These tables are available at: www.PFASWaterProviderSettlement.com and detail the formula to determine how much of the settlement each public water system could receive.

Third, to provide you with comprehensive guidance on the settlement allocation procedures, we are pleased to invite you to a webinar: “PFAS Settlement Briefing: Award for Your Utility” hosted by the National Rural Water Association (“NRWA”). During this webinar, we will walk you through the necessary the necessary procedures and provide insights into the settlement allocation procedures. This webinar is scheduled for **September 6, 2023, at 2:00 PM ET**. We understand that your time is valuable, and we believe that this webinar will be instrumental in ensuring a smooth and informed participation in the settlement process. Please take a moment to register for the webinar by clicking on the following link:

Register Today at <https://attendee.gotowebinar.com/register/1402009700165974878>.

Thank you, and we look forward to providing you with valuable insights during the upcoming webinar.

Best,
 Napoli Shkolnik



600 Knightsbridge Parkway, Lincolnshire, Illinois 60069
(847) 537-8800 | Fax (847) 520-1147
turnvalves.com

Quotation

Page 1 of 2

TO: David Vigeant
Superintendent
Townsend Water Department
540 Main St
Townsend, MA 01474

Date: 5/15/2023
Quotation Number: BL196635
Payment Terms: Net 30 Days
Shipping Terms: FCA Origin
Valid Through: 7/14/2023
Estimated Delivery: 8 Weeks ARO

E.H. Wachs is pleased to offer the following quotation.

Item Number	Description	Qty	U/M	Unit Price (USD)	Disc%	Line Total (USD)
1	77-000-36 Standard LX (Gas) – VMT (RH): Single turner valve maintenance trailer; includes Wachs 750 Ft/lb (1020 Nm) Extended Reach Valve operator for those preventive maintenance activities, telescoping valve key and Wachs ruggedized TC-100 with GPS controller/datalogger. A 27 HP (20 kW) gasoline powered Kohler overhead cam air cooled engine provides ample power for all contained functions, including an auxiliary HTMA Class II circuit; 10 gallon (38 L) reservoir, fan cooled heat exchanger, continuous duty rated for 8 GPM (30.3 LPM) @ 2,000 PSI (140 bar). A positive displacement blower provides 500 CFM (14.2 cmm)- 11" (280mm) Hg vacuum, with spoils containment provided by a 250 (950 L) gallon tank with power hydraulic dump (rear discharge) and latching rear door. Also driven from the common power train is a 2.5 GPM (9.5 LPM) @ 3000 PSI (210 bar) pressure washer system with 3 gallon (11.4 L) anti-freeze tank and 95 gallon (360 L) water tank. Includes 2-1/2" (63.5mm), 1-1/4" (31.75mm) & 7/8" (22mm) suction wands and one each short and long wash-down guns. The LX package bundles the service light bar with arrow board, 45' (14 M) auxiliary hydraulic hose reel for operation of hydraulic power tools & Bluetooth tethering module (installed in ERV-750) for wireless communication between the exerciser and Controller/Data Logger and 24" (61cm) X 18" (46cm) x 18" (46cm) aluminum job box.	1	EA	81,995.00		81,995.00
Other options available include: Under deck mounted Spare Tire Kit (77-411-00), 2-5/16" Ball Tongue (77-215-01), 45lb Breaker, Mount and 14" Moil Point (08-000-10, 08-405-00 & 08-410-02) or already GPS enabled controller/datalogger, however adding Trimble R2 GNSS receiver (79-412-02) provides capability of submeter to centimeter level positioning accuracy (highest accuracy in real-time with the use of correction sources).						
2	79-430-20 Field training - 1 day program. Training topics range from field operation of the mechanical systems like hydro -excavation and Valve operator; to training of computerized controllers and preventive maintenance software like VITALS . Field crews and participants will be shown, in detail, standard procedures for safe and efficient operation and use of valve maintenance tools .	1	EA	2,495.00	100.0%	0.00
***** DWG SAW *****						
3	29-000-08 208 Diamond Wire Hydraulic Guillotine Package for 2"-8" pipe (0-6" maximum outside diameter). Includes (1) Cutting Wire, Wooden Shipping/Storage Carrier & Water Delivery System. This is the new form factor with collapsible arms, high pressure motor seal and advanced tensioning system for consistent wire performance. Optional rugged steel storage and transportation dolly, part number 29-4020-08. Replacement high density cutting wires, part number 29-608-00.	1	EA	8,995.00		8,995.00
4	29-608-00 208 High Density Diamond Wire, pretwisted loop assembly with swivel crimp utilizing 46 beads per meter. This wire is for use with the new 208 DW Guillotine with collapsible frame housing.	1	EA	595.00		595.00
5	29-4020-08 Rugged storage and transportation dolly for 208 Diamond Wire Guillotine. A powder coated rolled steel frame and stamped stainless sheet metal provide safe storage for the DW Guillotine, Manual, Spare Wire, Water Tank, Wash Down Nozzle and rust preventative. Added features include a pair of wheels and handle to make moving the kit around the warehouse or the job site easy.	1	EA	1,450.00		1,450.00
***** ACCESSORIES *****						
6	08-000-04 WTP4800 Trash Pump is a light weight, heavy duty machine capable of pumping high volumes of water, sand slurries, gravel, sludge, and solids up to 3 in. /75 mm in diameter. Features a "free flow" impeller with a direct drive hydraulic motor for continuous use. Submersible and self-priming, can run dry without damage to the motor, bearings or impeller. Abrasion-resistant impeller and volute with replaceable wear plates. Includes operating manual.	1	EA	4,495.00		4,495.00
7	08-400-04 Hose, Discharge 4" for WTP4800 25'x 4" Diameter Vinyl Coated Discharge Hose with Aluminum Female Camlock Coupler	1	EA	295.00		295.00



600 Knightsbridge Parkway, Lincolnshire, Illinois 60069
(847) 537-8800 | Fax (847) 520-1147
turnvalves.com

Quotation

Page 2 of 2

TO: David Vigeant

Date: 5/15/2023
Quotation Number: BL196635

Item Number	Description	Qty	U/M	Unit Price (USD)	Disc%	Line Total (USD)
8	08-000-10 45 Pound Hydraulic Breaker with EZ Ride Foot and 1-1/8" hex bit capacity. This medium duty breaker operates from any HTMA Class 2 hydraulic circuit and produces 1,800 blows per minute; making it idea for cutting curbs, sidewalks and asphalt.	1	EA	3,745.00		3,745.00
9	08-405-00 Breaker Mount for Valve Maintenance Trailer, requires Breaker to have 14" Long Chisel (08-410-02 Moil Point sold separately). Includes breaker mount and breaker lock.	1	EA	445.00		445.00
10	08-410-01 5" x 11" Asphalt Cutter for Breaker	1	EA	270.00		270.00
11	08-410-02 14" Moil Point for Breaker	1	EA	85.00		85.00
12	08-410-03 3" x 14" Long Chisel	1	EA	120.00		120.00
13	08-000-26 HD Magnetic lifter for easy removal of steel and cast iron meter pit covers, valve box covers, small panels and lids up to 60 Lb utilizing 70mm switchable magnet.	1	EA	545.00		545.00

Total (USD) \$103,035.00

Thank you for the opportunity to quote your application needs. If you have any questions or if I may be of any further assistance to you please do not hesitate to notify me.

We will prepay and add shipping charges to your order, or we can ship collect via your choice of carrier service.

(SALES TAX!!!!) We collect sales tax in all but the following states: AK, DE, MT, OR and NH. If you are tax exempt please supply your identification number and certificate with your order. If your exempt number is not on file, tax will be added to your order.

Bryan Leahy
Territory Manager
847-840-9257
bryan.leahy@ehwachs.com

Sales of E.H. Wachs products and services are expressly limited to and made conditional on acceptance of its current Terms and Conditions of Sale, found at www.ehwachs.com ("Terms"). Any additional or different terms are hereby rejected. Commencement of work by E.H. Wachs or acceptance of delivery of products by you constitutes your acceptance of the Terms.



P.O. Box 208, Mattapoisett, MA 02739
Tel: 508-758-6126 • Fax: 508-758-6128
www.aqueousco.com
Email: office@aqueousco.com

AGREEMENT

To: Townsend Water Department
Attention: David Vigeant
Shipping Address: 540 Main Street Townsend MA 01469
Billing Address: 540 Main Street Townsend MA 01469
Billing Contact: David Vigeant

Date: October 2, 2023
Office: 978-597-2212
Shipping Email: dvigeant@townsendwater.org
Billing Phone: 978-597-2212
Billing Email: dvigeant@townsendwater.org

PROJECT NAME	JOB NUMBER	PROJECT ADDRESS
Highland Tank 1MG Concrete ground storage tank (20'H x 93'D) Safety rail and lifeline install	USI-001593	140 Highland Street Highland MA 01474

SERVICE DESCRIPTION	AMOUNT
Installation of safety railing and lifeline on west hatch to meet federal and/or state standards. 1. Safety railing installed from west hatch to tank edge – estimated 2.5 feet per side. 2. Installation of lifeline. 3. Proposed 8 hours.	\$9,770.00
Total: \$9,770.00	

Aqueous Infrastructure Management is pleased to present this proposal to **Townsend Waster Department, MA.**

Inclusions

1. All labor, materials, and equipment to provide services and scope of work summarized above.

Exclusions

The following items are excluded from this proposal unless otherwise stated directly in inclusions above with agreed-upon limitations:

1. Bonding.
2. Prevailing wages.
3. Water infiltration
 - Hydrostatic pressure
 - Leaking valves or plugs
 - Rainwater
 - Groundwater
4. Artificial control of surface and air conditions
 - Dehumidification
 - Heat
 - Engineer controls to accelerate cure
 - Dewatering of adjacent surfaces affecting our scope of work
5. Structure defects related to or affecting our scope of work.
 - Cracks other than stated in proposal summary
 - Voids
 - Gaps
 - Gasket replacement
 - Valve replacement or repair
 - Brackets and appendages
6. General
 - Dewatering
 - Bypass required to isolation of work area
 - Chlorination
 - Disposal of hazardous material
 - Disposal of debris - silt - trash - water
 - Temporary fencing or security
 - Additional Mobilizations related to project delay's
 - Removal of systems / components in-order to perform SOW including piping - cables - baffles - and any other appendages
 - Water supply

1 of 2

Thank you for your business!



P.O. Box 208, Mattapoisett, MA 02739
Tel: 508-758-6126 • Fax: 508-758-6128
www.aqueousco.com
Email: office@aqueousco.com

Proposal notes

1. This proposal is valid for 60 days from the above date.
2. It includes normal working hours and normal insurance requirements. Certificate of Insurance will be provided.
3. Water supply required.
4. For this project to be completed in 2023, please return the signed agreement or PO as soon as possible for scheduling.

Stored Materials

If applicable, the Customer agrees to pay the Contractor, Aqueous Infrastructure Management (AIM) all stored material fees within five (5) days of the date of invoice unless otherwise noted. The Customer shall authorize payment of stored materials on behalf of the project in accordance with the following requirements. All materials shall be stored at the Project Site or Contractor's premises. Materials stored on Contractor's premises shall be covered by the Contractor's insurance, a copy of which is available upon written request.

PAYMENT TERMS: Stored Materials Net 5 & Balance Net 30 Days.

*ACH PAYMENTS PREFERRED (Please contact our office to make arrangements)

Reservation of Rights for Additional Charges and Costs

Notwithstanding anything to the contrary contained in the parties underlined proposal, contract, and related documents, Aqueous Infrastructure Management reserves all rights and remedies to charge additional costs and fees for matters unattributable to Aqueous Infrastructure Management for which Aqueous Infrastructure Management incurs additional costs. This shall include but is not limited to delays, changes of work sequencing, unforeseen factors that cause delays in response times, and additional mobilization costs etc. which are out of the control of Aqueous Infrastructure Management. The calculations for such extra costs, charges and contract adjustments shall be assessed on an individual case-by-case basis.

IN ACCEPTANCE OF AFOREMENTIONED AGREEMENT:

Aqueous Infrastructure Management
Signature of Authorized Representative

Townsend Water Department, MA
Signature of Authorized Representative

President
Title

October 2, 2023
Date

Title

Date



P.O. Box 208, Mattapoisett, MA 02739
Tel: 508-758-6126 • Fax: 508-758-6128
www.aqueousco.com
Email: office@aqueousco.com

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IN ACCEPTANCE OF AFOREMENTIONED AGREEMENT:

Aqueous Infrastructure Management
Signature of Authorized Representative

Townsend Water Department, MA
Signature of Authorized Representative

President
Title

October 2, 2023
Date

Title

Date

VALVE MAINTENANCE TRAILER



The Grand LX, an E.H. Wachs exclusive valve maintenance trailer, comes with our industry-leading TM-7 swivel-mounted valve exerciser with 1500 ft/lbs of torque, the ERV-750 extended reach valve exerciser, our newest controller – the HC-100 wireless handheld computer / controller / datalogger with GPS and VITALS software. Our 500CFM-11in Hg vacuum with spoils tank features a twin cylinder, electric over hydraulic dump system, powered by Monarch HPU features a slide and tilt system that moves the tank out before tilting to clear for dumping, then lifts to 55° to discharge debris.

FEATURES

- TM7 swivel, 1500 ft/lbs valve exerciser
- 270° of motion, 13ft total extended reach, 750 ft/lbs ERV-750 valve exerciser
- Ruggedized HC-100 controller/data logger with built in GPS
- Available in two types of engines:
Diesel: Tier 4 compliant Kubota 1.1 L, I-3 4-stroke, liquid cooled IDI. #77-000-28
Gas: 27HP Kohler overhead cam, air cooled, #77-000-26
- HTMA Class II circuit, 10 gal reservoir, fan cooled heat exchanger, 8gpm @2000psi
- Positive displacement blower provides 500 CFM-11in Hg vacuum
- 250 gal spoils tank utilizing exclusive hydraulic powered slide, tilt, and dump system with latching door (curb side discharge)
- 2.5 GPM@3000 psi pressure washer system with 66 gallon vertical water tank

INCLUDES

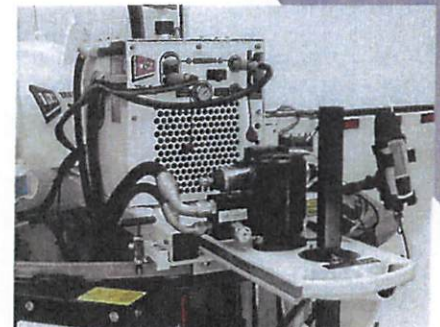
- 2 1/2in, 1 1/4in and 7/8in suction wands
- Short wash down gun
- Long hydro excavation gun
- 20ft suction hose
- 50ft retractable water hose reel

LX PACKAGE BUNDLE

- LED work light & arrow board bar
- 45in auxiliary hydraulic hose reel
- Bluetooth connectivity
- Job box

SPECIFICATIONS

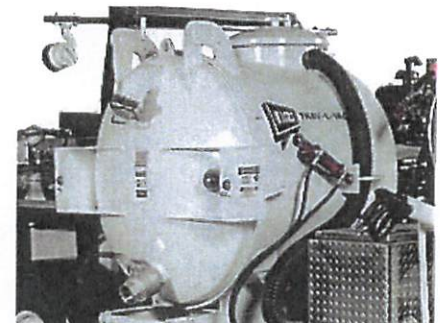
- Gross Vehicle Weight: 7000 lb (3175 kg)
- Length: 15 ft, Height: 7 ft, Width: 7 1/2 ft



The swivel-mounted TM-7 valve operator provides 1500 ft/lbs of torque for operating larger valves



ERV-750 extended reach valve exerciser allows valve operation from the road, removing the need to pull onto the grass

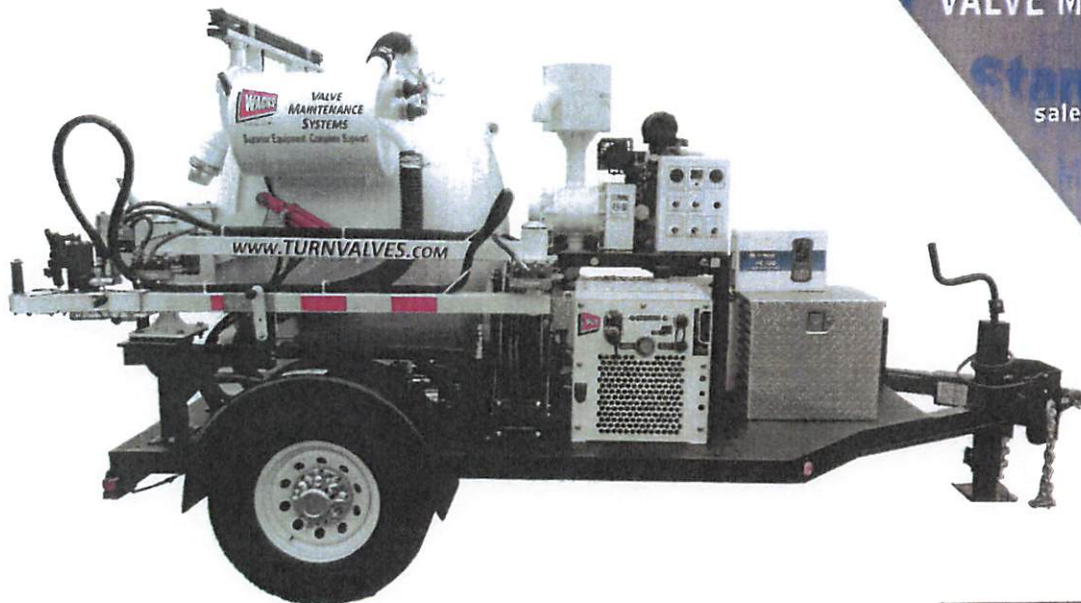


The heavy-duty spoils tank features a two-cylinder electric over hydraulic slide, tilt and dump functionality for easy emptying

Standard LX

VALVE MAINTENANCE TRAILER

sales@turnvalves.com



The Standard LX, an E.H. Wachs exclusive valve maintenance trailer, comes with our industry-leading ERV-750 extended reach valve exerciser, our newest controller – the HC-100 wireless handheld computer / controller/ datalogger with GPS and Vitals software. Also equipped with the powerful 500CFM-11in HG vacuum with hydraulic slide, tilt & dump (rear discharge) with latching rear door spoils tank. Loaded with storage and accessories this trailer is ready for serious valve maintenance work.

FEATURES

- 270° of motion, 13ft total extended reach, 750 ft/lbs ERV-750 valve exerciser
- Ruggedized HC-100 controller/data logger with built in GPS
- Available in two types of engines:
Diesel: Tier 4F compliant Kubota 1.1 L, I-3 4-stroke, liquid cooled IDI. #77-000-38
Gas: 27HP Kohler overhead cam, air cooled, #77-000-36
- HTMA Class II circuit, 10 gal reservoir, fan cooled heat exchanger, 8gpm@2000psi
- Positive displacement blower provides 500 CFM-11in Hg vacuum
- 250 gal spoils tank utilizing exclusive hydraulic slide, tilt & dump (rear discharge) with latching rear door
- 2.5 GPM@3000 psi pressure washer system with 95 gallon water tank

INCLUDES

- 2 1/2in, 1 1/4in & 7/8in suction wands
- Short wash down gun
- Long hydro excavation gun
- 20ft suction hose
- 50ft retractable water hose reel

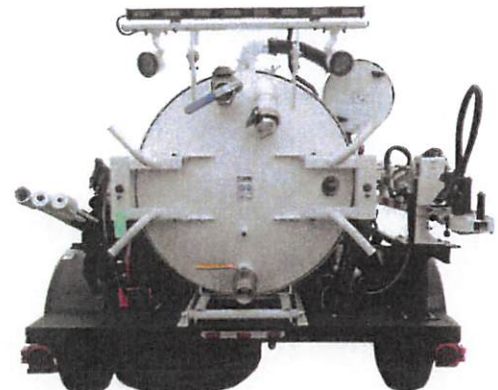
LX PACKAGE BUNDLE

- LED work light & arrow board bar
- 45in auxiliary hydraulic hose reel
- Bluetooth connectivity
- Job box

*Images shown with LX options

SPECIFICATIONS

- Gross Vehicle Weight: 7000 lb (3175 kg)
- Length: 15 ft, Height: 7 ft, Width: 7 1/2 ft



Designed for ease of use, the Standard LX rear-mounted spoils tank gets the job done



2.5GPM@3000 psi pressure washer with 95 gallon water tank makes clean-up easy

Capital Spending and Warrant Articles

Considerations and Facts:

- 1) In July 2023 the SRF reimbursed the water department for some of the over 1 million dollars the water department has currently spent on engineering cost for the water treatment plant, in the amount of \$431,000. (see exhibit 1)**
- 2) Water rates are scheduled to rise 58% in the next 5 years. (2025-10%, 2026 thru 2029 12% each)**
- 3) Law suit payouts to Townsend are pending, what they are is unknown information sent to the lawyers will be evaluated.**
- 4) Water Rate increases are dictated by the following; additional debt, capital expenditure needs, cost in goods and services increases, utility increases, and personnel costs.**
- 5) Project revenue was set to less than we took in last year because of the dry summer last year. 2023 revenue was \$2,065,000. Projected is \$2,015,000 with a 5% increase over last year.**
- 6) The water department expended \$1,430,000 last year \$80,000 under budget. The difference will be in free cash this fall. Would like not to use free cash this year.**
- 7) We put off capital spending this year to reduce rate hike.**



• ESTABLISHED 1881 •

12855 West Lisbon Road
Brookfield, WI 53005

For assistance please contact: ^{3.2}
Tyler Ganczak - Account Manager
Phone: 800.935.9772 ext. 451
Fax: 866.684.6344
Email: tganczak@schwaab.com

BILL TO INFORMATION			SHIP TO		
PHONE:			Same as bill to		
COMPANY:			COMPANY:		
ATTN:			ATTN:		
STREET:			STREET:		
CITY:	ST:	ZIP:	CITY:	ST:	ZIP:
EMAIL:			FAX:		
PAYMENT METHOD: <input type="checkbox"/> BILL ME <input type="checkbox"/> CHECK ENCLOSED <input type="checkbox"/> CHARGE					
CHK# _____ _VISA _MC _AMEX _DISC CARD# _____					
EXP _____ SEC CODE _____					

Order Form			
Product	Qty	Color	Imprint Information, Stamp Imprint or Attach Sample
Pre-Inked Stamps			
Self-Inking Stamps			
Rubber Stamps			
Name Badges			
Nameplates			
Interior Signs			
Banners			
Yard Signs			
Business Cards			
Envelopes & Stationery			
Business Forms			
Decals & Labels			
Magnets & Sport Schedules			

Source: OD TAG

A variety of design styles and templates are available - Contact me for details

Your business is important to us. As your Account Manager, I am dedicated to providing you with:

- **Personal Service** to keep you informed, manage your orders and ensure your needs are being met
- **Expertise** to provide you with industry specific solutions to position you for success
- **Customer Satisfaction** including immediate personal assistance for any need

Brenda Boudreau

From: Tyler Ganczak <tganczak@schwaab.com>
Sent: Wednesday, October 4, 2023 2:58 PM
To: Water
Subject: SCHWAAB STAMP - SIG ORDER
Attachments: Order Form - Ganczak.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

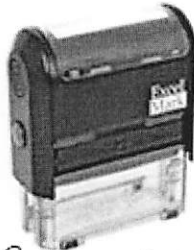
JUST HAVE THEM SIGN THE SIZE THEY WANT THE IMAGE.



Lauren Meyer

FOR \$37.50

OR



Richard Smith

Self Inking Signature Stamp
\$34.50

TYLER GANCZAK
Account Manager
tganczak@schwaab.com

Schwaab, Inc.
12855 W Lisbon Road
Brookfield, WI 53005
Office: 1-800-935-9772 EXT:451 | Fax: 1-866-684-6344
www.schwaab.com

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Capital Spending and Warrant Articles

Considerations and Facts:

- 1) In July 2023 the SRF reimbursed the water department for some of the over 1 million dollars the water department has currently spent on engineering cost for the water treatment plant, in the amount of \$431,000. (See exhibit 1)
- 2) Water rates are scheduled to rise 58% in the next 5 years. (2025-10%, 2026 thru 2029 12% each) (See Exhibit 2)
- 3) Lawsuit payouts to Townsend are pending, what they are is unknown, information sent to the lawyers will be evaluated. (See Exhibit 7)
- 4) Water Rate increases are dictated by the following: additional debt, capital expenditure needs, cost in goods and services increases, utility increases, and personnel costs. (See Exhibit 3)
- 5) Project revenue was set to be less than we took in last year because of the dry summer last year. 2023 revenue was \$2,065,000. Projected is \$2,015,000 with a 5% increase over last year to bring it to that number.
- 6) The water department expended \$1,430,000 last year, \$80,000 under budget. The difference will be in free cash this fall. Would like not to use free cash this year.
- 7) We put off capital spending this year to reduce the rate hike to 5%.

Plan:

- 1) Apply the \$431,000 to income and cleared for 2024 as free cash.
- 2) Purchase/fund the next 5 years of capital spending with the \$431,000.
- 3) Rate study and budget worked on in December.
- 4) There will be \$600,000 in free cash from fiscal year 2023. Build the reserves back up which is part of the rates from the \$431,000
- 5) Present to board 9 January 2023. Goal to cut the rate hikes to 25% to 30% from the 58% projected. We may do better. 5% to 6% is better than 10% to 12% per year for the next 5 years.

Warrant Articles

- 1) \$11,000 for Safety railing and Cable system Highland Tank.
- 2) Purchase the Gate Exerciser/Vacuum Tractor and equipment, from fiscal year 2024 that was put off till 2025. \$100,000 (See Exhibit 8)
- 3) Purchase a new F350 Utility Truck and equipment to replace 2014 utility truck. \$100,000. (see exhibit 5)

4) Replace the 2004 Backhoe with at new 2023 Cat 440 Backhoe which is larger and has extended reach. \$170,000 (see Exhibit 6)

5) Plan and Engineer Lunenburg Road Water Tank to be able to bring water to approximately Townsend 2000 residents. (\$50,000) (see exhibit 3)

7.)

FISCAL YEAR 24 SUMMARY
TOWNSEND WATER DEPARTMENT - ACCOUNTS RECEIVABLE
September 30, 2023

UNCOLLECTED FROM JUNE 30, 2023

157,128.61

<u>CHARGED</u>	07/01/23	09/30/23	9/30/2023	Previous Balance	Total	
USER CHARGES			862.83	464,517.57	465,380.40	
FEES			472.50	1,181.25	1,653.75	
SERVICE CHARGES			0.00	10,972.50	10,972.50	
BACKFLOW			0.00	0.00	0.00	
SUBTOTAL			1,335.33			
TOTAL CHARGES						478,006.65
						635,135.26

<u>RECEIVED</u>	07/01/23	09/30/23	9/30/2023			
USER CHARGES			18,315.94	401,373.42	419,689.36	
FEES			236.25	995.00	1,231.25	
SERVICE CHARGES			52.50	10,699.18	10,751.68	
LATE CHARGES			0.00	0.00	0.00	
BACKFLOW			0.00	0.00	0.00	
SUBTOTAL			18,604.69			
TOTAL RECEIPTS						431,672.29

SENT TO LIEN	0.00
LIENS COLLECTED	0.00
ABATEMENTS	6,350.42
ADJUSTMENTS	-1,411.74
AJD TO MASTER	0.00
UNCOLLECTED	198,524.29
	635,135.26

<u>OUTSTANDING:</u>	
USER CHARGES	197,111.60
FEES	472.50
SERVICE CHARGES	783.45
LATE CHARGES	7.04
BACKFLOW	149.70
TOTAL OUTSTANDING	198,524.29

0.00

7.2

Charge Book FY24

Date	Description	User	Fees	Service	Backflow	Adjustment	Abatement	Lien
9/5/2023	61452- 143 Dudley- Overestimate						-2.23	
9/6/2023	61656- 194 Dudley- Over-estimate						-5.23	
9/13/2023	61635 PR 8 Cooperage					-160.00		
9/18/2023	61724 59 West Meadow-Final	62.54	78.75					
9/19/2023	61196 3 Woodland-Final	95.45	78.75					
9/20/2023	60643 6 Smith-Final	132.12	78.75					
9/21/2023	Over-estimated Accts 7-2023 Billing						-1,464.81	
9/21/2023	61131- 211 Main Street Final	127.27	78.75					
9/25/2023	60692- 28 Brookline St Final	209.08	78.75					
9/28/2023	5020-5 Capricorn-Final	236.37	78.75					
						-160.00	-1,472.27	
9/30/2023 To Town Accountant 24-3								
		862.83	472.50	Total		1,335.33		

7.2

TAX
ACCOUNTING
WATER

Date: 9/21/23

Date: 9/21/23

1,464.81 which I have paid to the Town Treasurer

DEPARTMENT SIGNATURE _____

TREASURER DEPT SIGNATURE _____

Utility Pending Abatement Transactions

Batch: Over-estimated Accts 7-2023 Billing

Effective Date: 9/21/2023

Cashier: jworthley

	Account	Owner	Tax	Interest	Fees	Total	Clause
1	60900	TENNEY BETTY MAE	\$177.00	\$0.00	\$0.00	\$177.00	
2	60215	KLEIN DONALD	\$300.93	\$0.00	\$0.00	\$300.93	
3	60372	REALTY LISBOA	\$183.74	\$0.00	\$0.00	\$183.74	
4	60581	FOREST JOHN	\$269.51	\$0.00	\$0.00	\$269.51	
5	60720	WOODS KEITH A.	\$183.16	\$0.00	\$0.00	\$183.16	
6	61179	GILLIS CHARLES EMILY	\$100.04	\$0.00	\$0.00	\$100.04	
7	61073	SHEPHERD GARY	\$250.43	\$0.00	\$0.00	\$250.43	
Grand Total:			\$1,464.81	\$0.00	\$0.00	\$1,464.81	

Totals Group By Receivable Name and Fiscal Year:

Application	Levy	Receivable	Tax	Interest	Fees
Utility	2024	Water	\$1,464.81	\$0.00	\$0.00
Grand Total:			\$1,464.81	\$0.00	\$0.00

Totals Group By Receivable Name:

Application	Receivable	Tax	Interest	Fees
Utility	Water	\$1,464.81	\$0.00	\$0.00
Grand Total:		\$1,464.81	\$0.00	\$0.00

Audit Control Report For Utility For Dates 7/1/2023 Through 9/21/2023

Water

Beginning Balance (End of Day Balance on 6/30/2023)	\$156,419.08
---	--------------

(+) Additional Debits 7/1/2023 - 9/21/2023	\$464,807.68
--	--------------

	\$621,226.76
--	--------------

Transactions 7/1/2023 - 9/21/2023

Net Payment

(+) Payment Reversal	(\$1,351.90)
----------------------	--------------

(-) Credit Adjustment	\$177.86
-----------------------	----------

(+) Transfer Out	(\$4,967.56)
------------------	--------------

(-) Transfer In	\$4,967.56
-----------------	------------

(-) Payment	\$415,159.62
-------------	--------------

	\$413,985.58
--	--------------

Net Abatement

(-) Abatement	\$6,350.42
---------------	------------

	\$6,350.42
--	------------

End of Day Balance on 9/21/2023	\$200,890.76
---------------------------------	--------------

TOWN OF TOWNSEND
SCHEDULE OF DEPARTMENTAL PAYMENTS TO TREASURER
TOWNSEND WATER DEPARTMENT TURNOVER

61656-194 Dudley- Over-estimate

TAX
ACCOUNTING
WATER

Date: 9/6/23

[illegible]

To the Town TREASURER:
The above:

TOWN TREASURER:
The above is a detailed list of moneys collected by me, amounting in the aggregate to

Date: 9/6/23

5.23 which I have paid to the Town Treasurer

Original to Treasurer, signed photocopies to Accountant and originating department...

DEPARTMENT SIGNATURE

TREASURER DEPT SIGNATURE _____

Utility Pending Abatement Transactions

Batch: 61656- 194 Dudley- Over-estimate

Effective Date: 9/6/2023

Cashier: jworthley

	Account	Owner	Tax	Interest	Fees	Total	Clause
1	61656	SULLIVAN GEORGE & NAN	\$5.23	\$0.00	\$0.00	\$5.23	
Grand Total:			\$5.23	\$0.00	\$0.00	\$5.23	

Totals Group By Receivable Name and Fiscal Year:

Application	Levy	Receivable	Tax	Interest	Fees
Utility	2024	Water	\$5.23	\$0.00	\$0.00
Grand Total:			\$5.23	\$0.00	\$0.00

Totals Group By Receivable Name:

Application	Receivable	Tax	Interest	Fees
Utility	Water	\$5.23	\$0.00	\$0.00
Grand Total:		\$5.23	\$0.00	\$0.00

**Audit Control Report For Utility
For Dates 7/1/2023 Through 9/6/2023**

Water

Beginning Balance (End of Day Balance on 6/30/2023)	\$156,419.08
(+) Additional Debits 7/1/2023 - 9/6/2023	\$464,517.57
	\$620,936.65
Transactions 7/1/2023 - 9/6/2023	
Net Payment	
(+) Payment Reversal	(\$1,191.90)
(-) Credit Adjustment	\$177.86
(+) Transfer Out	(\$4,967.56)
(-) Transfer In	\$4,967.56
(-) Payment	\$404,686.08
	\$403,672.04
Net Abatement	
(-) Abatement	\$4,885.61
	\$4,885.61
End of Day Balance on 9/6/2023	\$212,379.00 ✓

Usage History Report

MCO

9/6

Account: 61656

Location: 194 DUDLEY ROAD

Route: 99

Owner: SULLIVAN GEORGE & NAN

Meter #:	35358244	Read Date	Read Type	Reading	Usage	Bill Date	Comments
Serial #:	35358244	6/16/2023	ESTIMATE	18,287	299	7/1/2023	Quick Entry 6/6/23
Head #:		3/3/2023	ACTUAL	17,988	235	4/1/2023	Read Import on 3/8/2023
Head Type:		11/30/2022	ACTUAL	17,753	250	1/1/2023	Read Import on 11/30/20
Walk Seq.:	18950	9/2/2022	ACTUAL	17,503	291	10/1/2022	Read Import on 9/6/2022
Dials:	8	6/1/2022	ACTUAL	17,212	271	7/1/2022	Read Import on 6/2/2022
Brand:		2/28/2022	ACTUAL	16,941	200	4/1/2022	Read Import on 3/3/2022
Type:	Radio	12/9/2021	ACTUAL	16,741	394	1/1/2022	Read Import on 12/13/20
Size:	NA	9/1/2021	ACTUAL	16,347	1,117	10/1/2021	Read Import on 9/16/202
Exchange:	02	6/11/2021	ACTUAL	15,230	327	7/1/2021	Read Import on 6/14/202
Install Date		3/12/2021	ACTUAL	14,903	303	4/5/2021	Read Import on 3/23/202
Replace Date:		12/1/2020	ACTUAL	14,600	0	2/24/2021	
Status:	ACTIVE						
Location:							

billed for:
299

should have been
billed for:

18191
17988

203

$$2.03 \times 5.44 = 11.04$$

M: 230677329

S: 131553990

R: 18191

16.27
- 11.04

5.23

amount to
abate

TAX 7.2
ACCOUNTING
WATER

Date: 9/5/23

TREASURER DEPT SIGNATURE

Utility Pending Abatement Transactions

Batch: 61452- 143 Dudley- Over-estimate

Effective Date: 9/5/2023

Cashier: jworthley

	Account	Owner	Tax	Interest	Fees	Total	Clause
1	61452	COTAS AUTO REPAIR	\$2.23	\$0.00	\$0.00	\$2.23	
Grand Total:			\$2.23	\$0.00	\$0.00	\$2.23	

Totals Group By Receivable Name and Fiscal Year:

Application	Levy	Receivable	Tax	Interest	Fees
Utility	2024	Water	\$2.23	\$0.00	\$0.00
Grand Total:			\$2.23	\$0.00	\$0.00

Totals Group By Receivable Name:

Application	Receivable	Tax	Interest	Fees
Utility	Water	\$2.23	\$0.00	\$0.00
Grand Total:		\$2.23	\$0.00	\$0.00

Audit Control Report For Utility For Dates 7/1/2023 Through 9/5/2023

Water

Beginning Balance (End of Day Balance on 6/30/2023)	\$156,419.08
(+) Additional Debits 7/1/2023 - 9/5/2023	\$464,517.57
	\$620,936.65
Transactions 7/1/2023 - 9/5/2023	
Net Payment	
(+) Payment Reversal	(\$1,191.90)
(-) Credit Adjustment	\$177.86
(+) Transfer Out	(\$4,967.56)
(-) Transfer In	\$4,967.56
(-) Payment	\$402,945.72
	\$401,931.68
Net Abatement	
(-) Abatement	\$4,880.38
	\$4,880.38
End of Day Balance on 9/5/2023	\$214,124.59 ✓

9/5-9/8

Usage History Report

MCO

Account: 61452

Location: 143 DUDLEY ROAD

Route: 99

Owner: COTAS AUTO REPAIR

Meter #:	09823114	Read Date	Read Type	Reading	Usage	Bill Date	Comments
Serial #:	35358790	6/16/2023	ESTIMATE	51,267	260	7/1/2023	Quick Entry 6/6/23
Head #:		3/3/2023	ACTUAL	51,007	141	4/1/2023	Read Import on 3/8/2023
Head Type:		11/30/2022	ACTUAL	50,866	111	1/1/2023	Read Import on 11/30/20
Walk Seq.:	17400	9/2/2022	ACTUAL	50,755	163	10/1/2022	Read Import on 9/6/2022
Dials:	8	6/1/2022	ACTUAL	50,592	274	7/1/2022	Read Import on 6/2/2022
Brand:		2/28/2022	ACTUAL	50,318	215	4/1/2022	Read Import on 3/3/2022
Type:	Radio	2/28/2022	ACTUAL	50,318	215		Read Import on 3/3/2022
Size:	NA	12/9/2021	ACTUAL	50,103	209	1/1/2022	Read Import on 12/13/20
Exchange:	02	9/1/2021	ACTUAL	49,894	182	10/1/2021	Read Import on 9/16/202
Install Date		6/11/2021	ACTUAL	49,712	246	7/1/2021	Read Import on 6/14/202
Replace Date:		3/12/2021	ACTUAL	49,466	266	4/5/2021	Read Import on 3/23/202
Status:	ACTIVE	12/1/2020	ACTUAL	49,200	0	2/24/2021	
Location:							

Billed for:
260

Should have been
billed for:

51226
- 51007

219

$5.44 \times 2.19 = 11.91$

m: 220869485

s: 131553568

R: 51,226

14.14
- 11.91

2.23

amount to
abate