

APPROVED

5/21/24

PUBLIC UTILITIES COMMISSION

TOWN OF WALLINGFORD

45 SOUTH MAIN STREET

ROOM 315

WALLINGFORD, CT 06492

Tuesday, April 16, 2024

6:00 P.M.

MINUTES

PRESENT: Chairman Robert Beaumont; Commissioners Joel Rinebold and Laurence Zabrowski; Director Richard Hendershot; Electric Division General Manager Jake Arborio; Electric Division Business Office Manager Marianne Dill; Water and Sewer Divisions General Manager Neil Amwake; Water and Sewer Divisions Business Manager Donald Langenauer and Acting Recording Secretary Michelle Bracale

Absent – None

Members of the Public – None

Mr. Beaumont called the Meeting to order at 6:00 P.M., and the pledge of Allegiance was recited.

1. Pledge of Allegiance

2. Consent Agenda

- a. Consider and Approve Meeting Minutes of April 2, 2024

Motion to Approve the Consent Agenda

Made by: Mr. Rinebold

Seconded by: Mr. Zabrowski

Votes: 3 ayes

3. Items Removed from Consent Agenda

42 None

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4. Discussion and Action: Approval of the Director's Report for the Month of March 2024

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Motion to Approve the Director's Report for the Month of March 2024

50

51

Made by: Mr. Rinebold

52

Seconded by: Mr. Zabrowski

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Votes: 3 ayes

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5. Public Hearing for Proposed Water Usage Rates

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Motion to Open the Public Hearing for Proposed Water Usage Rates

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61

Chairman Beaumont read the following statement: On behalf of the Board of Public Utilities Commissioners of the Town of Wallingford and the Water Division of the Town of Wallingford, I hereby convene the public hearing for the adoption of water and sewer charges to be effective for water and sewer invoices rendered on or after July 1, 2024.

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The proposed charges that are the subject of this public hearing are available to the public and may be obtained from our General Manager of the Water and Sewer Divisions, Neil Amwake.

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68

69

Is there a motion and second to read the title and the introductory paragraph of the following proposed charges in their entirety and to waive the reading of the remainder of the proposed charges incorporating its full text into the minutes of this meeting?

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73

Made by: Mr. Rinebold

74

Seconded by: Mr. Zabrowski

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Votes: 3 ayes

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77

Mr. Beaumont read the Legal Notice of Public Hearing on Proposed Revisions to Water Charges.

78

79

Mr. Amwake presented a PowerPoint for the Wallingford Water Division Proposed Water Rate Charges.

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82

HISTORICAL BASIC SERVICE FEE FOR 5/8-INCH METER

83

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Mr. Amwake stated that since June 1, 1994 to the present time the historical Basic Service Fee (BSF) for a 5/8-inch meter has been \$15.51, \$15.27 or \$15.11. For thirty years the rates have not moved out of the \$15.00 range for the Basic Service Fee.

85

86

87

88 **BASIC SERVICE FEE FOR 5/8-INCH METER – CPI**

89
90 The consumer price index for the basic service fee for a 5/8-inch meter only goes back to 1995
91 therefore the 1994 BSF was dropped off. When the CPI is applied from 1995-2023, the basic
92 service fee for a 5/8-inch meter inflated over thirty years from \$15.51 to \$31.92. Compared to
93 inflation the basic service fee for the 5/8-inch meter has been under charged.

94
95 **HISTORICAL CONSUMPTION CHARGE (\$/CCF)**

96
97 The historical consumption charge per ccf or charge per 100 cu. ft. in 1994 was \$2.04 and
98 increased to \$2.22 in 2002-2006. From 2007-2015 there were annual increases but the
99 consumption charge remained at \$4.09 and has not changed in the past nine years.

100
101 **CONSUMPTION CHARGE (\$/CCF) – CPI**

102
103 When the CPI is applied from 1995-2023, the CPI was below the consumption charge per 100
104 cu. ft. until 2009. From 2010-2023 the consumption charge has been higher than the CPI.

105
106 **HISTORICAL MEDIAN QUARTERLY WATER BILL**

107
108 The historical median quarterly water bill for 5/8-inch residential customers dropped in 2001-
109 2002, 2019-2020. This was when the Water and Sewer Division did a statistical analysis as to
110 what the median use was per quarter. The first drop went from 3,000 cu. ft. per quarter to 2,400
111 cu ft. per quarter. The second drop in 2019-2020 went from 2,400 cu. ft. per quarter to 1,600 cu.
112 ft. per quarter. The Water and Sewer Division looked at over 40,000 data points in the last
113 analysis that was done.

114
115 **ENTERPRISE FUND**

116
117 Mr. Amwake stated that the management strategy for the Wallingford Water Division, Sewer
118 Division and Electric Division is predicated upon the operation of each Utility Division as a
119 business; and to operate and manage WWD as a self-supporting, stand-alone business. In the
120 municipal sector this is called an Enterprise Fund. All operating and capital costs, as well as debt
121 service, are supported through revenues generated by WWD charges. These are not
122 supplemented by any utilization of tax dollars. An “apples to apples” comparison specifically to
123 other municipal water utilities is difficult as revenues generated through tax revenue may be
124 utilized by other municipal systems to fund operations such as pension obligations, basic service
125 expenses, capital projects or debt service.

126
127 **RETAIL WATER RATE COMPARISON – BSF AND \$/CCF SPLIT**

128
129 As of March 1, 2024 for a median 5/8-inch customer with consumption charges of 1,600 cu ft.
130 per quarter the quarterly bill for water is \$80.55. When comparing the other forty water utility
131 companies listed on the Retail Water Rate Comparison chart the mean (average) quarterly water
132 bill is \$111.44. The WWD is below this average. Mr. Amwake pointed out that the solid portion
133 of each column represents the Basic Service Fee and the dash portion of each column represents

134 how much of the WWD revenue comes from consumption charges (\$/ccf). The WWD BSF is
135 smaller compared to the majority other water utility companies. It is anticipated that the City of
136 New London rates will double July 1, 2024. Rates will also increase for the Town of Manchester
137 and the City of Bristol. The WWD administrative charges before selling a cubic feet of water are
138 not being covered by the Basic Service Fees and the WWD is relying on the consumption
139 charges to pay for these expenses.

140
141 Mr. Hendershot noted that water consumption is going down annually which could lead to
142 inadequate revenue.

143 144 **STUDY PURPOSE AND PRINCIPLES**

145
146 Mr. Amwake stated that the study purpose is to develop user retail rates that result in a
147 financially and operationally sustainable water system. The WWD must be financially self-
148 supporting. The retail water rates shall be sufficient to ensure funding of an appropriate level of
149 proactive system rehabilitation, replacement and improvement.

150
151 The WWD shall maintain sufficient reserves to meet the Division's Minimum Cash Reserve
152 Policy to provide for rate stabilization and unplanned expenses. Through WWD revenue and the
153 strategic utilization of Retained Earnings the financial needs of the Water Division shall be met
154 over time. Specifically, starting July 1, 2024 the WWD will use approximately 3.03 million
155 dollars (\$3.03M) to stabilize the rates over the next six fiscal years in addition to retained
156 earnings that will be used in the current fiscal year.

157 158 **DATA AND KEY ASSUMPTIONS**

159
160 Mr. Amwake stated that the data that was relied upon was the approved and adopted FY 2022-
161 2023 operating and capital budgets, debt amortization schedules for outstanding debt and FY
162 2022-2023 customer account and usage data.

163
164 The key study assumptions are adjustment of labor costs at 90% of budgeted FTEs, reasonable
165 escalation in operating costs and capital expenses, declining water usage and no growth in
166 customers.

167 168 **RECOMMENDED MINIMUM RESERVE (FY 2023-2024)**

169
170 All three of Wallingford Public Utilities divisions are moving to 13 weeks of Operating
171 Expenses as part of the minimum reserve calculation. The outstanding principal on Debt Service
172 is \$195,000.00 and the Emergency Reserve is \$1,000,000.00.

173
174 The current liabilities carried across the FY is \$1,486,000.00 and is shown as a current year
175 expense in the model.

176
177 The prior year capital carryover is \$3,841,000.00 and is shown as a current year expense in the
178 model.

179

180 **WATER EXPENSES VS. REVENUES (FY 2023-2024 RETAIL RATES)**

181
182 Mr. Amwake pointed out that the WWD is barely covering the operating expenses under the
183 current 2023-2024 rates and capital projects are being paid out of retained earnings. Looking
184 forward over the next five fiscal years, if the WWD continues with the current retail rates the
185 WWD will not be able to cover the operating expenses let alone debt service, new debt service or
186 the PAYGO (Pay as you go) capital expenses.

187
188 **AMERICAN WATER WORKS ASSOCIATION METER EQUIVALENTS**

189
190 Mr. Amwake noted that highlighted in red is the AWWA meter equivalents. The current ratio of
191 the Basic Service Fees is based on the cost of the meter and not on the volume of water that is
192 moved through the meter. A 5/8-inch meter can convey 20 gallons per minute. A 1-inch meter
193 can convey 50 gallons per minute therefore the AWWA Meter Ratio is 2.5. The current ratio is
194 2.07. As the meter size goes up the ratio should be much bigger. The WWD is proposing to
195 utilize the AWWA equivalency factors to calculate the basic service fees.

196
197 **WATER EXPENSES VS. REVENUES (RECOMMENDED RATES)**

198
199 Mr. Amwake reviewed the chart and noted the red line represents the current rate structure and
200 the green line represents the recommended retail rates. For the next six years the WWD is
201 proposing to use Retained Earnings for rate stabilization. Even with the proposed rates, the
202 proposal for FY 2025 is to use \$1.22 million in Retained Earnings to stabilize rates. Up until FY
203 2030 the revenues collected under the rate structure are less than the anticipated expenses. The
204 WWD will not turn revenue positive until FY 2031.

205
206 **THE BASIC SERVICE FEE**

207
208 Mr. Amwake stated that as of July 1, 2024 the proposed basic service fee for a 5/8-inch meter
209 will be \$33.66, as recommended. This is to cover the WWD costs for nonproduction of water
210 (backroom charges) expenses. The AWWA ratio is then applied down each column. Currently
211 the WWD does not have a rate for the 6-inch or 8-inch meter as the WWD does not have any
212 customers for these size meters. The WWD believes it is prudent to put rates into this chart for
213 the 6-inch and 8-inch meters just in case there is a future development that requires these meters.
214 If not, the WWD would need to go through the whole rate process again to adopt charges if a
215 customer were to need a 6-inch or 8-inch meter. Focusing on the 5/8-inch meter there is a jump
216 from the current rate of \$15.11 to \$33.66 as of July 1, 2024. After that, the incremental year over
217 year change over the next five years will be approximately \$6.00 per quarter.

218

RECOMMENDED QUARTERLY BASIC SERVICE FEES (BSF)

Meter Size	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
5/8"	\$15.11	\$33.66	\$34.75	\$35.88	\$37.05	\$38.25	\$39.59
3/4"	\$17.20	\$50.49	\$52.13	\$53.82	\$55.57	\$57.38	\$59.38
1"	\$31.29	\$84.14	\$86.88	\$89.70	\$92.62	\$95.63	\$98.97
1 1/2"	\$52.22	\$168.29	\$173.76	\$179.40	\$185.23	\$191.25	\$197.95
2"	\$88.31	\$269.26	\$278.01	\$287.05	\$296.38	\$306.01	\$316.72
3"	\$103.13	\$538.52	\$556.02	\$574.09	\$592.75	\$612.02	\$633.44
4"	\$168.32	\$841.44	\$868.78	\$897.02	\$926.17	\$956.27	\$989.74
6"		\$1,682.88	\$1,737.57	\$1,794.04	\$1,852.35	\$1,912.55	\$1,979.49
8"		\$2,692.60	\$2,780.11	\$2,870.47	\$2,963.76	\$3,060.08	\$3,167.18
10"	\$499.11	\$7,068.08	\$7,297.79	\$7,534.97	\$7,779.85	\$8,032.70	\$8,313.85

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CONSUMPTION CHARGE

RECOMMENDED VOLUMETRIC RETAIL RATE PER CCF (\$/CCF)

	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Usage Rate per CCF	\$4.09	\$4.49	\$4.83	\$5.07	\$5.32	\$5.59	\$5.87

223
224

Mr. Amwake stated that the reason the consumption charge is increasing faster than the future CPI is because of the declining water sales.

227

FIRE PROTETION CHARGES

229

Mr. Amwake stated that the Maine Curve is a ratio of what percentage of the gross revenue is to public fire protection charge. Fire protection charges is about capturing the capital and operating expenses to provide adequate fire protection throughout the service area - constructing water treatment facilities, transmission and distribution mains, pumps and water storage tanks larger than what is required for everyday domestic use. The water supply, treatment and distribution system has been sized – for both sufficient water flow and pressure – to service both domestic water needs and fire protection needs.

237

The fire protection charge is not about where the water comes out, it's about everything upstream of the hydrant or sprinkler system. The ratio is based on the population and the peak day (domestic) demand. The guideline is between 6% minimum and 30% maximum. Wallingford Water Division is shown as the green line on the graph which is currently at 17.9%. The goal is

241

242 to be at 20.5%, which is the blue line on the graph. This will be made up over a ten-year basis
243 beginning with the FY 2024-2025 to close the 2.6% percent gap.

244

245 PUBLIC AND PRIVATE HYDRANTS

246

247 Mr. Amwake stated that the location of a hydrant is neutral to how a fire hydrant is utilized:

248

- A public hydrant can suppress a fire on public or private property.

249

- A private hydrant can fight a fire on private or public property.

250

251 There are no unique or specialized costs borne by the WWD to provide potable water to private
252 fire hydrants. The distribution system is open. The ability by the fire department to fight a fire
253 and serve the Wallingford residents, businesses and schools is not based on property boundaries
254 but rather the quantity and location of fire hydrants – be they public or private hydrants.

255

256 FIRE HYDRANTS

257

258 Mr. Amwake stated that the use of a public fire hydrant or a private hydrant to suppress a fire
259 supports the community as a whole. Both public hydrants and private hydrants benefit multiple
260 residents, visitors and structures located adjacent to and near a hydrant.

261

262 The potable water supply, treatment and distribution system is the same throughout Wallingford,
263 serving both public and private hydrants. There is a shared interest by the community and by the
264 fire department having unfettered access to either type of hydrant.

265

266 By including the costs assigned to both public fire hydrants and private hydrants in the
267 consumption charge (\$/ccf) all who benefit from fire protection share the financial burden for the
268 additional costs – oversizing the water system for fire protection – for such fire protection.

269

269 Whether there is a public hydrant or a private hydrant near a residential dwelling, commercial
270 building or other structure, the WWD system has been designed and built to provide all
271 customers with adequate fire protection.

272

273 The installation, removal, repair and/or replacement of privately owned hydrants and fire service
274 lines is and will remain the responsibility of the property owner. The WWD is not looking to
275 take ownership or take care of private water mains or private hydrants throughout the town. Mr.
276 Amwake noted this is not about ownership but about the water within the system.

277

RECOMMENDED PRIVATE FIRE SERVICE CHARGES

Quarterly Fire Line Rates	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Up to 2"	\$7.31	\$0.50	\$0.74	\$0.91	\$1.10	\$1.31	\$1.51
3"	\$16.61	\$10.88	\$13.33	\$16.32	\$19.75	\$23.60	\$27.14
4"	\$29.24	\$23.18	\$28.40	\$34.79	\$42.09	\$50.30	\$57.84
6"	\$66.44	\$67.34	\$82.49	\$101.05	\$122.27	\$146.11	\$168.03
8"	\$118.27	\$143.50	\$175.79	\$215.84	\$260.56	\$311.37	\$358.07
10"	\$184.70	\$258.06	\$316.12	\$387.25	\$468.57	\$559.95	\$643.94
12"	\$265.76	\$416.84	\$510.63	\$625.52	\$756.88	\$904.47	\$1,040.14

Quarterly Hydrant Charges	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Private Fire Hydrants	\$66.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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CUSTOMER WATER BILL IMPACTS

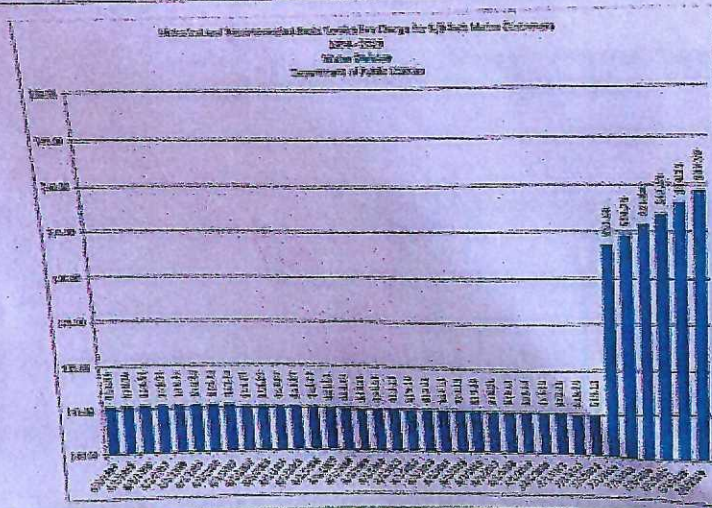
	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Median Residential:							
5/8-inch meter at 1,600 cf per Quarter							
[12,776 meters; 93.9965%]							
Basic Service Fee	\$15.11	\$33.66	\$34.75	\$35.88	\$37.05	\$38.25	\$39.59
Consumption Cost	\$65.44	\$71.84	\$77.28	\$81.12	\$85.12	\$89.44	\$93.92
Total Quarterly Water Bill	\$80.55	\$105.50	\$112.03	\$117.00	\$122.17	\$127.69	\$133.51
Quarterly change (\$)		\$24.95	\$6.53	\$4.97	\$5.17	\$5.52	\$5.82
Monthly Equivalent for Water	\$26.85	\$35.17	\$37.34	\$39.00	\$40.72	\$42.56	\$44.51

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The quarterly change as of July 1, 2024 for a 5/8-inch median residential customer is \$24.95. Most of the change is in the basic service fee. If WWD customers were billed monthly, the monthly water bill will be \$35.17.

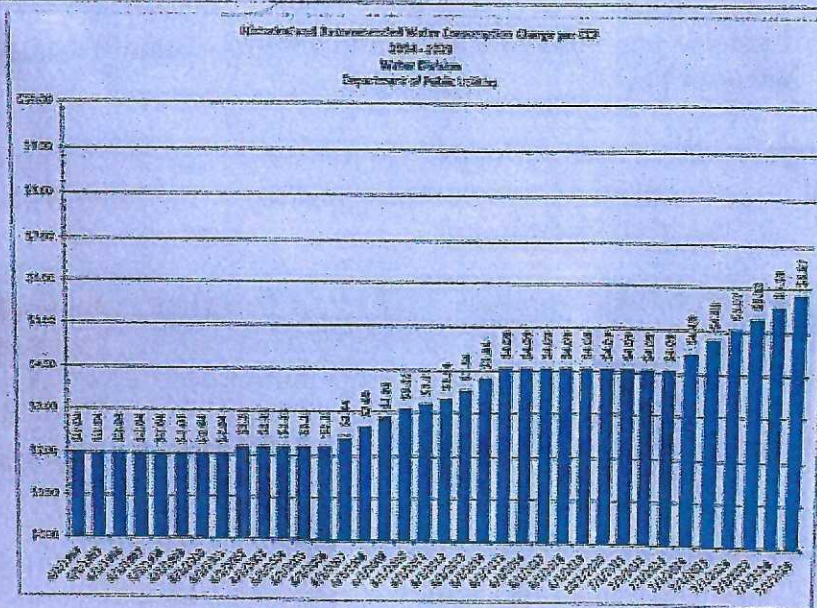
Mr. Amwake reviewed the graphs below with the PUC.

BASIC SERVICE FEE FOR 5/8-INCH METER



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CONSUMPTION CHARGE (\$/CCF)



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Mr. Zabrowski questioned if this presentation will be given to the Town Council?

Mr. Amwake responded yes.

299

300 **Mr. Beaumont closed the Public Hearing for Proposed Water Rates at 7:17 p.m.**

301

302

303

304 **Public Question and Answer Period**

305

306 None - No Members Present

307

308 **Public Question and Answer Period Closed**

309

310

311

312 **6. Discussion and Action: Approval and Adoption of Water Usage Rates**

313

314 Mr. Beaumont thanked Mr. Amwake and staff for all of the hard work that was put into this.

315

316 **Motion to Approve and Adopt the Water Usage Rates as presented**

317

318 **Made by: Mr. Zabrowski**

319 **Seconded by: Mr. Rinebold**

320 **Votes: 3 ayes**

321

322

323

324 **7. Discussion and Possible Action: Bid Waiver – Sewer Division – FY 2023/2024 –**
325 **Vacuum Truck**

326

327 Mr. Langenauer pointed out an error on Item No. 7-2 the line above **Budget**, The local vendor is
328 Equipment Co., Inc. of North Haven should be stricken. The correct company is Sanitary
329 Equipment Co., Inc. out of West Haven.

330

331 The WSD currently owns and operates a 1993 Ford LN8000 vacuum truck (SD-5). This vehicle
332 is over thirty years old and has reached the end of its service life. There are two competing
333 vacuum truck designs on the market. One design utilizes a centrifugal compressor fan system,
334 while the other design uses a positive displacement blower system. The WSD has been
335 successfully utilizing vacuum trucks with a centrifugal compressor fan system for thirty-five
336 years.

337

338 The WSD has many good reasons to use the centrifugal compressor fan system and the WSD
339 prefers to continue to use these. The centrifugal compressor fan system is able to perform
340 capably for the wide variety of tasks it is used for, including emergency flushing, clearing main
341 line blockages and vacuuming grease, grit, and suctioning heavy debris from pumping stations at
342 a variety of depths. Particularly, the vacuum truck with a centrifugal compressor fan system has
343 more suction power for use at the deeper wastewater pumping stations. The WSD staff is already
344 trained in the use of the centrifugal compressor fan system so no additional training would be


345 required. These trucks also require less maintenance and repair costs than the positive
346 displacement blower system. The centrifugal compressor fan system carries a five-year warranty
347 compared to a one-year warranty for the positive displacement blower system.
348

349 The centrifugal compressor fan system vacuum truck is equipped with an independent auxiliary
350 power unit (APU), as opposed to the power take off (PTO) unit from the positive displacement
351 blower system vacuum truck. The APU provides circulation of water within the truck during
352 cold weather when the truck is in use. Since the power available to the water pump via the APU
353 is independent of the truck engine speed, it provides consistent circulation of the water regardless
354 of operating conditions. Because of all of these reasons the WSD would like to purchase this
355 particular truck and requests a bid waiver to purchase a centrifugal compressor fan system
356 vacuum truck. The cost estimate for the new vacuum truck is \$499,957.25 based upon the quote
357 provided by Sanitary Equipment Co., Inc. A trade-in of the current vacuum truck will be
358 included in the final purchase price of the new vehicle. The WSD budgeted \$250,000.00 in FY
359 2022-2023 and an additional \$250,000.00 in FY 2023-2024 for a total of \$500,000.00 in order to
360 purchase a replacement vacuum truck.
361

362 **Motion to Approve the Bid Waiver to purchase a centrifugal compressor fan system**
363 **vacuum truck from Sanitary Equipment Co., Inc., 25 Industry Drive, West Haven, CT**
364 **06516**
365

366 **Made by: Mr. Rinebold**

367 **Seconded by: Mr. Zabrowski**

368 **Votes: 3 ayes**
369 

370

371

372 **8. Discussion and Possible Action: Budget Transfer – Electric Division – FY**
373 **2023/2024 – Account 585 – Distribution – Operation – Street Light & Signal**
374 **System Expenses**
375

376 Mr. Arborio stated that the WED is requesting for a Budget Transfer from account 596
377 Distribution – Maintenance – Maintenance of Street Lights & Signal Systems to account 585 –
378 Distribution Operation – Street Light & Signal System Expenses in the amount of \$12,000.00.
379 This account includes labor, overhead and materials related to replacing and incidental cleaning
380 of glassware and fixtures, routine patrolling for lamp outages and extraneous nuisances or
381 encroachments, and testing lines & equipment. A review of expenditures incurred to date and an
382 estimate of remaining costs to be incurred indicates that an additional \$12,000.00 is needed in
383 this account.
384

385 Mr. Rinebold noted that this is labor associated with the traffic control, primarily route 5 related
386 to the states change out on the traffic lights.
387

388 Mr. Arborio stated that is correct.
389

390 **Motion to Approve the Budget Transfer – Electric Division – FY 2023/2024 – in the amount**
391 **of \$12,000.00 from Account 596 to Account 585**
392

393 **Made by: Mr. Rinebold**
394 **Seconded by: Mr. Zabrowski**
395 **Votes: 3 ayes**
396
397
398

399 **9. Discussion and Possible Action: Modification to Robinson Sales FY 2023/2024 –**
400 **Electric Division Bid Waiver**
401

402 Mr. Arborio stated that currently, Robinson Sales Inc. is listed on the Wallingford Electric
403 Division’s Bid Waiver List for the 2023/2024 fiscal year. The purpose of this is that Robinson
404 Sales was the regional provider of Schweitzer Engineering Laboratories equipment, of which, the
405 WED utilizes within its substations and on numerous distribution assets. Following a decision
406 made by Schweitzer Engineering Laboratories on September 29, 2023, SEL made the decision to
407 transition its sales support functions from Robinson Sales Inc. to Schweitzer, who will now serve
408 their customers directly. In order to obtain the most competitive pricing for SEL equipment,
409 Robinson Sales Inc. should be replaced with Schweitzer Engineering Laboratories on the
410 existing bid waiver list.
411

412 **Motion to Remove Robinson Sales Inc. from the Bid Waiver List and Add Schweitzer**
413 **Engineering Laboratories to the existing Bid Waiver List**
414

415 **Made by: Mr. Zabrowski**
416 **Seconded by: Mr. Rinebold**
417 **Votes: 3 ayes**
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421 **10. Discussion and Possible Action: Modification to Milsoft Utility Solutions FY**
422 **2023/2024 – Electric Division Bid Waiver**
423

424 Mr. Arborio stated that currently, Milsoft Utility Solutions is listed on the WED’s Bid Waiver
425 List for the 2023/2024 fiscal year. The purpose of this is to provide software, hardware,
426 maintenance and training for the Outage Management System/IVR, the Distribution Analysis
427 Tool and GIS Mapping Tool. Following intermittent failures of the antiquated WED engineering
428 server, it is necessary to expedite the migration of all software and data to a new server. Part of
429 this migration includes the existing WED work management software. This software has
430 exceeded its useful life and is no longer supported by the manufacturer. Prior to the failures
431 within the server, alternatives to the existing work management software were explored. In order
432 to maintain compatibility with the current suite of Milsoft software, it is necessary to add to the
433 procurement of the Milsoft Work Management System and associated hardware to the existing
434 bid waiver.
435

436 Mr. Rinebold thanked Mr. Arborio for providing the information that this is another piece of
437 software to add to the Milsoft utilities solution suite.

438

439 **Motion to add to the Procurement of the Milsoft Work Management System and associated**
440 **hardware to the existing Bid Waiver**

441 **Made by: Mr. Rinebold**

442 **Seconded by: Mr. Zabrowski**

443 **Votes: 3 ayes**

444

445

446

447 **ADJOURNMENT**

448

449 **Motion to Adjourn**

450

451 **Made by: Mr. Rinebold**

452 **Seconded by: Mr. Zabrowski**

453 **Votes: 3 ayes**

454

455 The meeting was adjourned at approximately 7:47 p.m.

456

457 Respectfully submitted,

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460

461 Michelle Bracale

462 Acting Recording Secretary

Respectfully submitted,

Laurence Zabrowski/mb

Laurence J. Zabrowski
Secretary



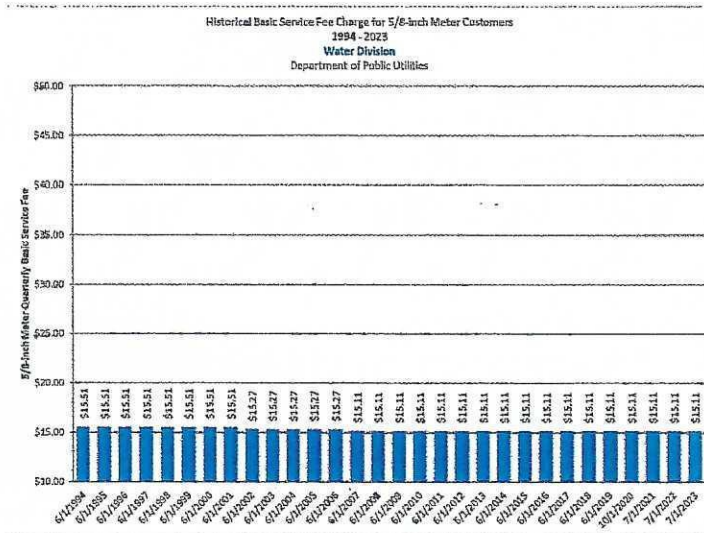
April 16, 2024

PUBLIC HEARING
PROPOSED WATER RATE CHARGES
WALLINGFORD WATER DIVISION



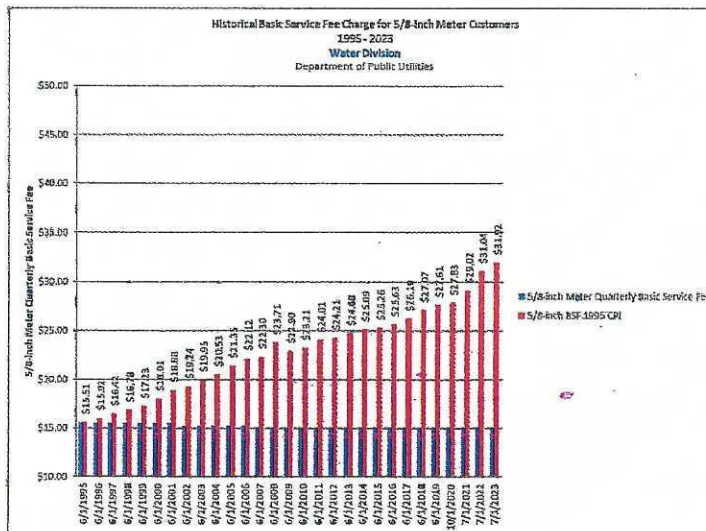
HISTORICAL WATER DIVISION RETAIL RATES
JUNE 1, 1994 TO JULY 1, 2023

HISTORICAL BASIC SERVICE FEE FOR 5/8-INCH METER



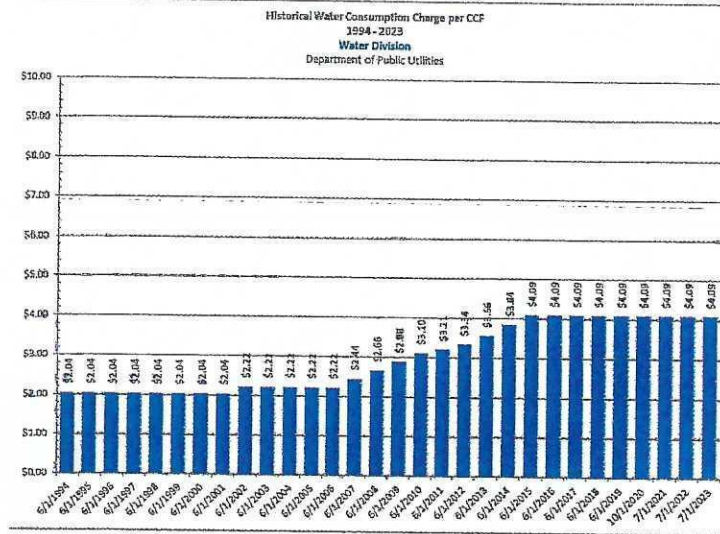
3

BASIC SERVICE FEE FOR 5/8-INCH METER – CPI



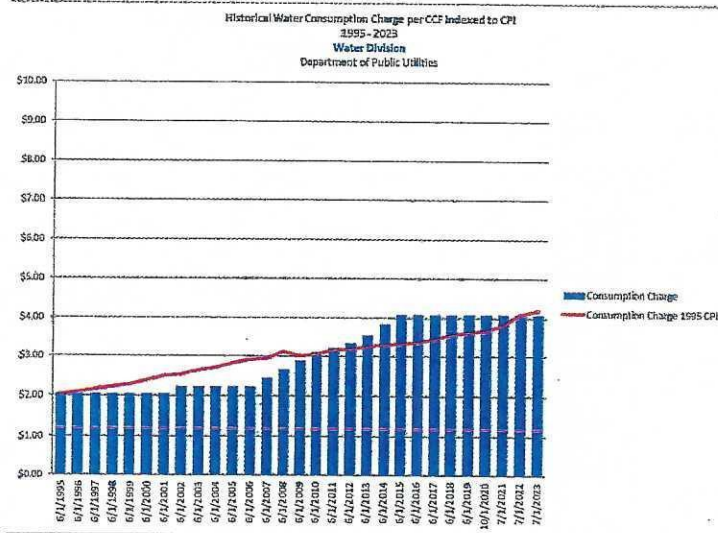
4

HISTORICAL CONSUMPTION CHARGE (\$/CCF)



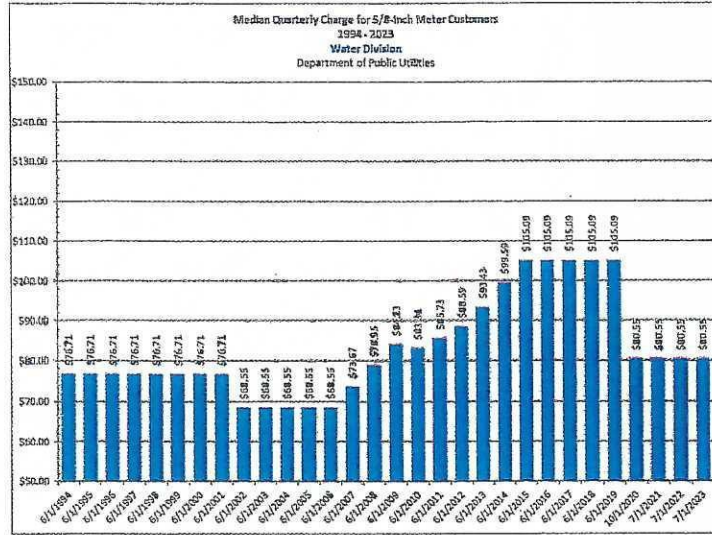
5

CONSUMPTION CHARGE (\$/CCF) - CPI



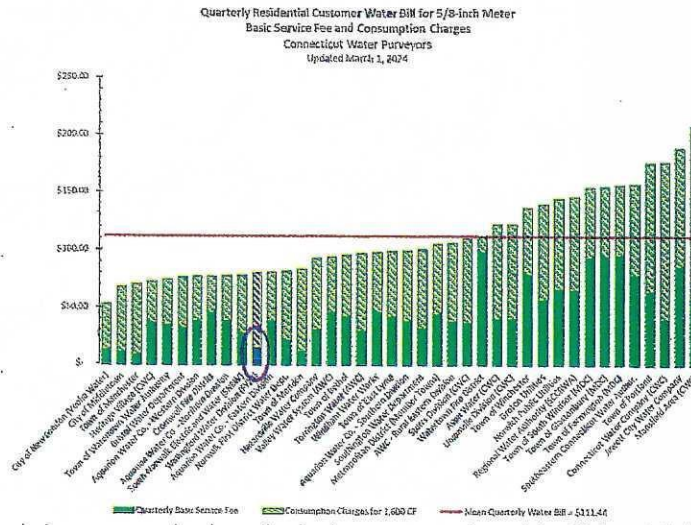
6

HISTORICAL MEDIAN QUARTERLY WATER BILL



QUARTERLY WATER BILL COMPARISON EXISTING WWD RATES – MARCH 1, 2023 5/8-INCH METER; 1,600 CF

RETAIL WATER RATE COMPARISON – BSF AND \$/CCF SPLIT



STUDY PURPOSE AND PROCESS

STUDY
PURPOSE AND
GUIDING
PRINCIPLES

Study Purpose and Principles

Develop user retail rates that result in a **financially** and **operationally sustainable** water system.

Objectives:

- The Wallingford Water Division must be **financially self supporting**.
- Retail water rates shall be sufficient to ensure funding of an appropriate level of **proactive system rehabilitation, replacement, and improvement**.
- The WWD shall **maintain sufficient reserves** to meet the Division's Minimum Cash Reserve Policy to provide for rate stabilization and unplanned expenses.
- WWD revenue and the **strategic utilization of Retained Earnings** shall meet the financial needs of the Water Division over time.

STUDY DATA AND ASSUMPTIONS

DATA AND KEY ASSUMPTIONS

Data Relied Upon:

- Approved and adopted **FY 2022-23 operating and capital budgets**
 - Capital plans that reflect appropriate level of system rehabilitation
- Debt amortization schedules for outstanding debt
- FY 2022-23 customer account and usage data

Key Study Assumptions:

- Adjustment of labor costs at **90% of budgeted FTEs**
- Reasonable escalation in operating costs and capital expenses
- **Declining water usage**
- **No growth in customers**

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DATA AND KEY ASSUMPTIONS

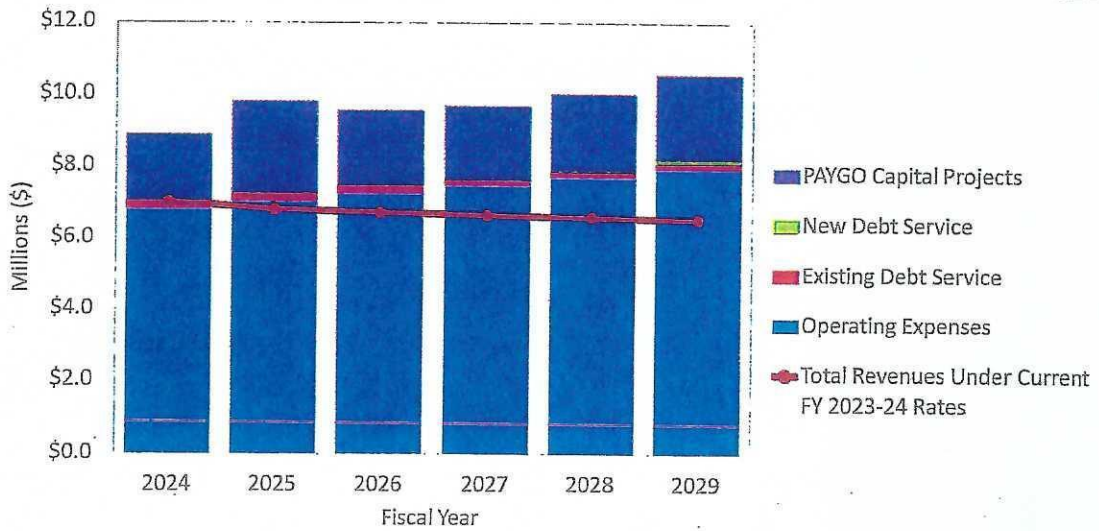
Recommended Minimum Reserve (FY 2023-24):

- **13 Weeks of O&M expenses: \$1,700,000**
- Outstanding Principal on Debt Service: \$195,000
- Emergency Reserve: \$1,000,000
- Current Liabilities: \$1,486,000
 - Shown as a current year expense for purposes of the model
- Prior Year Capital Carryover: \$3,841,000
 - Shown as a current year expense for purposes of the model

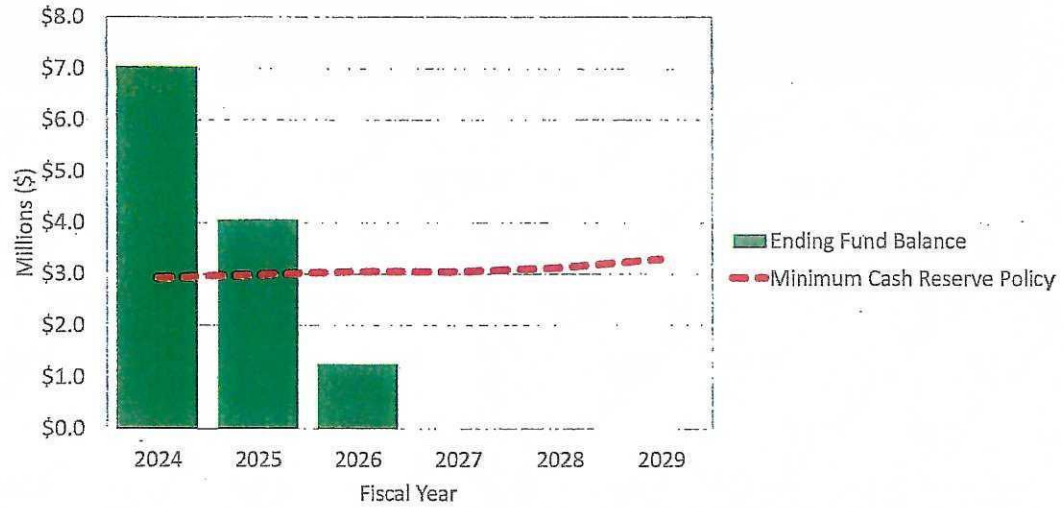
16

EXISTING (FY 2023-24) RETAIL RATES AND FIVE YEAR COSTS FORECAST

WATER EXPENSES vs. REVENUES (FY 2023-24 RETAIL RATES)



RETAINED EARNINGS FORECAST (FY 2023-24 RETAIL RATES)



AWWA METER EQUIVALENTS

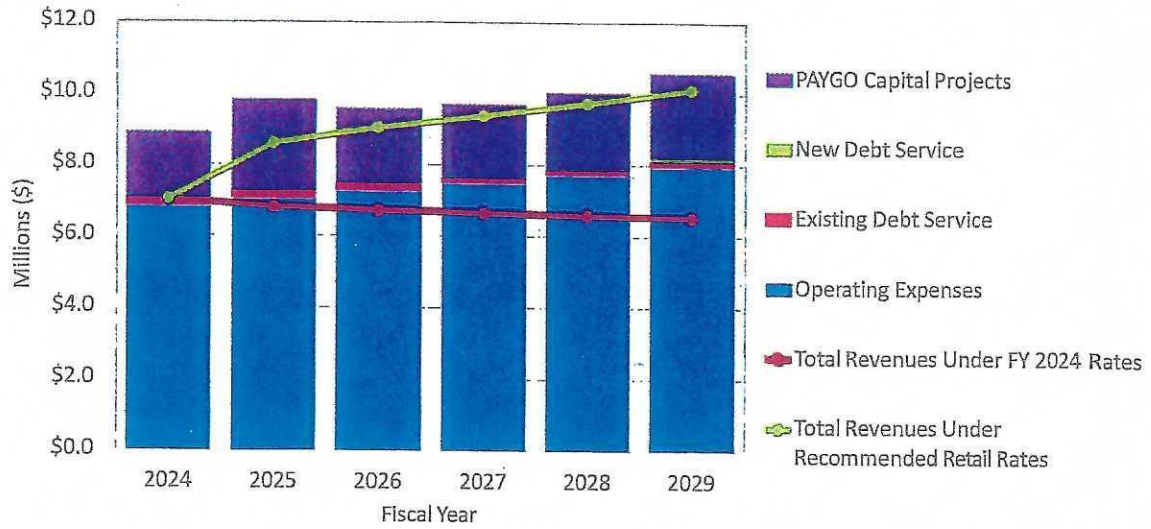
AMERICAN WATER WORKS ASSOCIATION METER EQUIVALENTS

Meter Size	Wallingford Current	Gallons per Minute	AWWA Meter Ratio	AWWA Fire Line Demand Factor
5/8"	1.00	20	1.0	-
3/4"	1.14	30	1.5	-
1"	2.07	50	2.5	-
1 1/2"	3.46	100	5.0	-
2"	5.84	160	8.0	6.19
3"	6.83	320	16.0	17.98
4"	11.14	500	25.0	38.32
6"	18.44	1,000	50.0	111.31
8"	25.73	1,600	80.0	237.21
10"	33.03	4,200	210.0	426.58

Fire Line Demand Factor based on nominal size of connection raised to the 2.63 power.

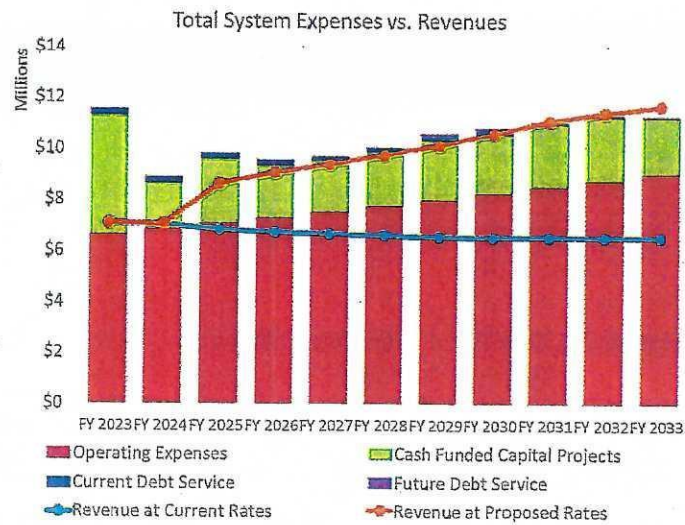
FIVE YEAR COSTS AND RETAIL RATES FORECAST

WATER EXPENSES vs. REVENUES (RECOMMENDED RATES)



25

WATER EXPENSES vs. REVENUES (RECOMMENDED RATES)



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BASIC SERVICE FEE

RECOMMENDED QUARTERLY BASIC SERVICE FEES (BSF)

Meter Size	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
5/8"	\$15.11	\$33.66	\$34.75	\$35.88	\$37.05	\$38.25	\$39.59
3/4"	\$17.20	\$50.49	\$52.13	\$53.82	\$55.57	\$57.38	\$59.38
1"	\$31.29	\$84.14	\$86.88	\$89.70	\$92.62	\$95.63	\$98.97
1 1/2"	\$52.22	\$168.29	\$173.76	\$179.40	\$185.23	\$191.25	\$197.95
2"	\$88.31	\$269.26	\$278.01	\$287.05	\$296.38	\$306.01	\$316.72
3"	\$103.13	\$538.52	\$556.02	\$574.09	\$592.75	\$612.02	\$633.44
4"	\$168.32	\$841.44	\$868.78	\$897.02	\$926.17	\$956.27	\$989.74
6"		\$1,682.88	\$1,737.57	\$1,794.04	\$1,852.35	\$1,912.55	\$1,979.49
8"		\$2,692.60	\$2,780.11	\$2,870.47	\$2,963.76	\$3,060.08	\$3,167.18
10"	\$499.11	\$7,068.08	\$7,297.79	\$7,534.97	\$7,779.86	\$8,032.70	\$8,313.85

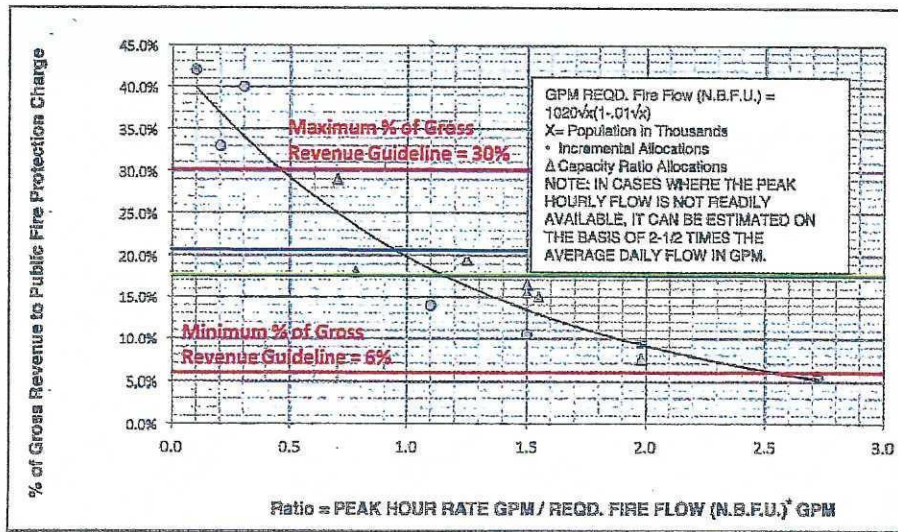
CONSUMPTION CHARGE

RECOMMENDED VOLUMETRIC RETAIL RATE PER CCF (\$/CCF)

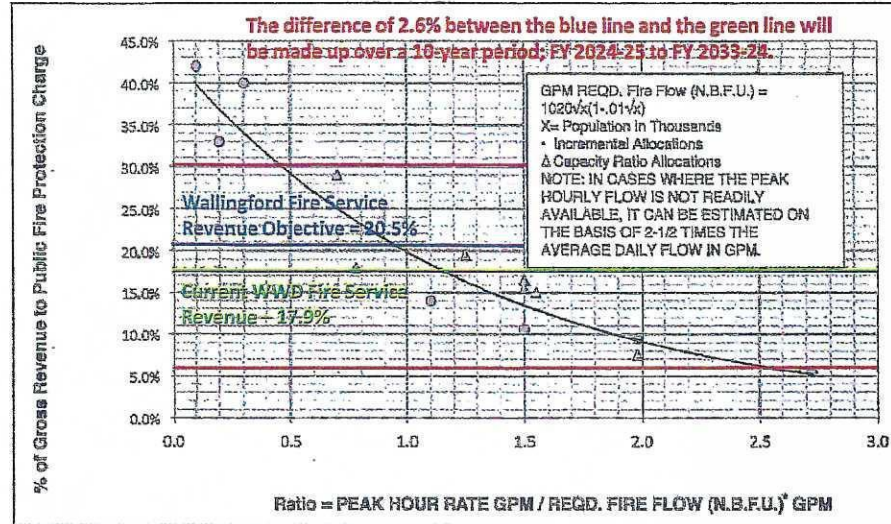
	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Usage Rate per CCF	\$4.09	\$4.49	\$4.83	\$5.07	\$5.32	\$5.59	\$5.87

FIRE PROTECTION CHARGES

THE MAINE CURVE RE: FIRE PROTECTION \$



THE MAINE CURVE RE: FIRE SERVICE \$



31

Fire Protection Charges

Fire Protection Charges:

- Recover **capital costs and applicable operating expenses** to provide adequate fire protection throughout the service area.
- Constructing water treatment facilities, transmission and distribution mains, pumps and water storage tanks **larger than what is required for everyday domestic use.**
- The water supply, treatment and distribution system has been sized – for both sufficient water flow and pressure - to **service both domestic water needs and fire protection needs.**
 - Public hydrants – 1,341
 - Private hydrants – 497
 - Fire service lines – 304 of various sizes

3

Public and Private Hydrants

Location and Use:

- The location of a hydrant is **neutral to how a fire hydrant is utilized:**
 - A public hydrant can suppress a fire on public or private property.
 - A private hydrant can fight a fire on private or public property.
- **No unique or specialized costs borne by the WWD to provide potable water to private fire hydrants.**
- The ability by the fire department to fight a fire and serve the Wallingford residents, businesses and schools is **not based on property boundaries but rather the quantity and location of fire hydrants** – be they public or private hydrants.

3

Fire Hydrants

Reasoning:

- The use of a public fire hydrant or a private hydrant to suppress a fire **supports the community as a whole.**
- Both public hydrants and private hydrants **benefit multiple residents, visitors and structures** located adjacent to and near a hydrant.
- The potable water supply, treatment and distribution system is the same throughout Wallingford, serving both public and private hydrants.
- There is a **shared interest by the community and by the fire department** having unfettered access to either type of hydrant.

3

Public and Private Hydrants

Reasoning (cont.):

- By including the costs assigned to both public fire hydrants and private hydrants in the consumption charge (\$/ccf) **all who benefit from fire protection share the financial burden** for the additional costs – oversizing the water system for fire protection – for such fire protection.
- Whether there is a public hydrant or a private hydrant near a residential dwelling, commercial building or other structure, **the WWD system has been designed and built to provide all customers with adequate fire protection.**

Ownership and Maintenance :

- **The installation, removal, repair and/or replacement of privately owned hydrants and fire service lines is (remains) the responsibility of the property owner.**

35

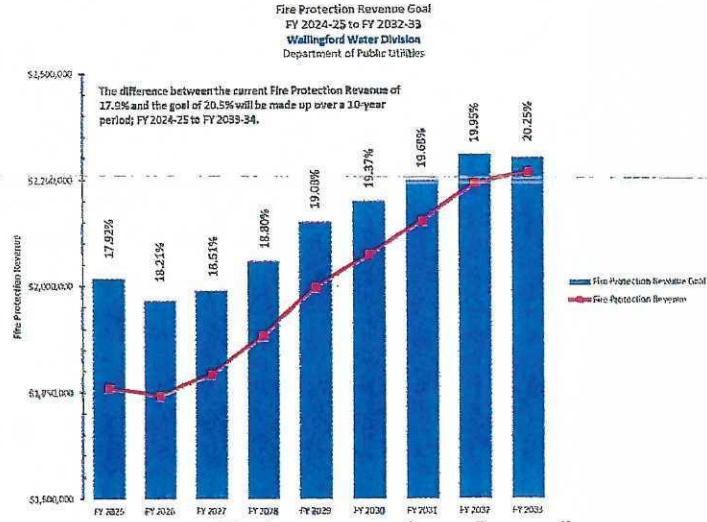
RECOMMENDED PRIVATE FIRE SERVICE CHARGES

Quarterly Fire Line Rates	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Up to 2"	\$7.31	\$0.60	\$0.74	\$0.91	\$1.10	\$1.31	\$1.51
3"	\$16.61	\$10.88	\$13.33	\$16.32	\$19.75	\$23.60	\$27.14
4"	\$29.24	\$23.18	\$28.40	\$34.79	\$42.09	\$50.30	\$57.84
6"	\$66.44	\$67.34	\$82.49	\$101.05	\$122.27	\$146.11	\$168.03
8"	\$118.27	\$143.50	\$175.79	\$215.34	\$260.56	\$311.37	\$358.07
10"	\$184.70	\$258.06	\$316.12	\$387.25	\$468.57	\$559.95	\$643.94
12"	\$265.76	\$416.84	\$510.63	\$625.52	\$756.88	\$904.47	\$1,040.14

Quarterly Hydrant Charges	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Private Fire Hydrants	\$66.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

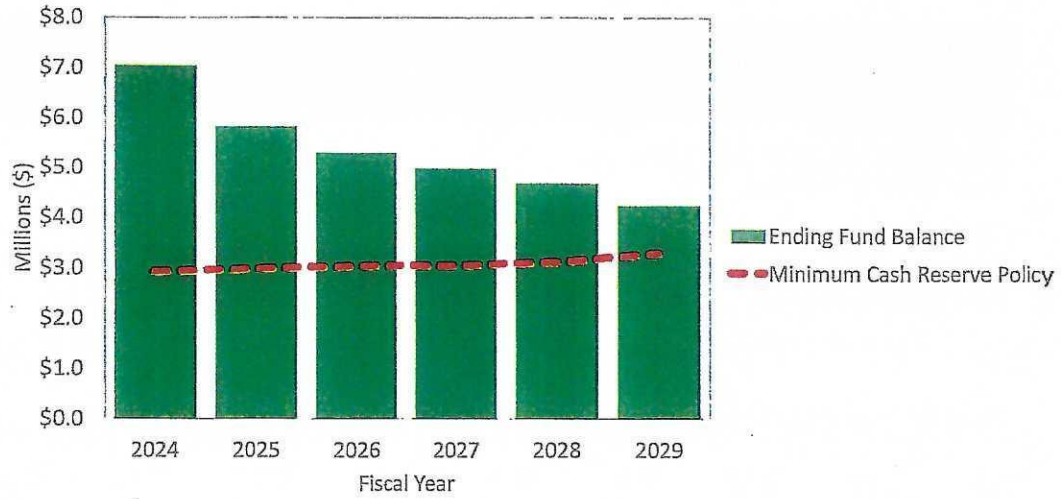
36

FIRE PROTECTION REVENUE: ACTUAL vs. GOAL



IMPACT TO RETAINED EARNINGS BASED ON RETAIL RATES FORECAST

RETAINED EARNINGS FORECAST (RECOMMENDED RATES)



RETAINED EARNINGS FORECAST (RECOMMENDED RATES)



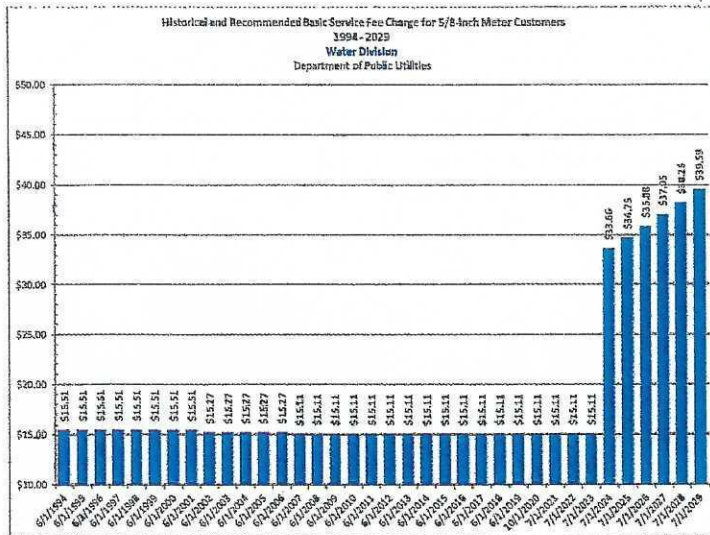
CUSTOMER WATER BILL IMPACTS

	Current	As of 7/1/2024	As of 7/1/2025	As of 7/1/2026	As of 7/1/2027	As of 7/1/2028	As of 7/1/2029
Median Residential:							
5/8-inch meter at 1,600 cf per Quarter							
[12,776 meters; 93.9965%]							
Basic Service Fee	\$15.11	\$33.66	\$34.75	\$35.88	\$37.05	\$38.25	\$39.59
Consumption Cost	\$65.44	\$71.84	\$77.28	\$81.12	\$85.12	\$89.44	\$93.92
Total Quarterly Water Bill	\$80.55	\$105.50	\$112.03	\$117.00	\$122.17	\$127.69	\$133.51
<i>Quarterly change (\$)</i>		\$24.95	\$6.53	\$4.97	\$5.17	\$5.52	\$5.82
Monthly Equivalent for Water	\$26.85	\$35.17	\$37.34	\$39.00	\$40.72	\$42.56	\$44.51

403

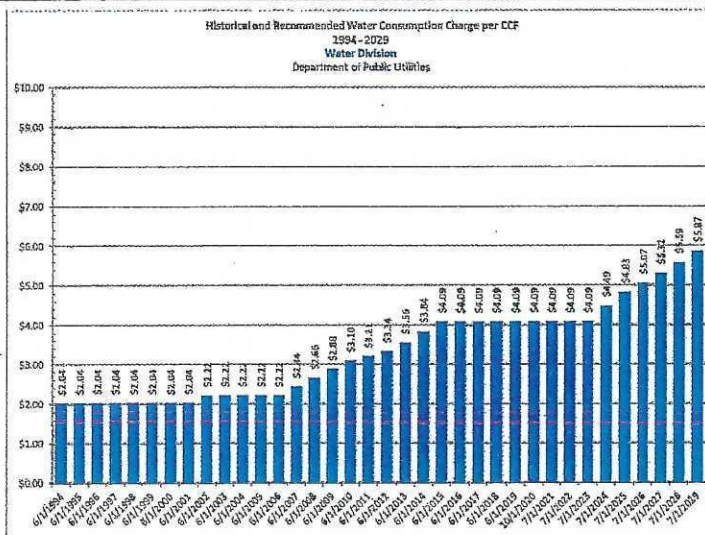
HISTORICAL AND PROPOSED WATER DIVISION RETAIL RATES JUNE 1, 1994 TO JULY 1, 2029

BASIC SERVICE FEE FOR 5/8-INCH METER



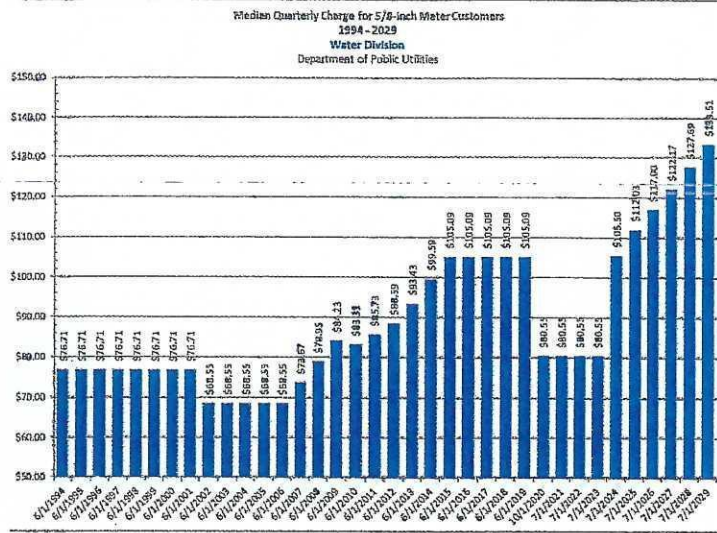
335

CONSUMPTION CHARGE (\$/CCF)



336

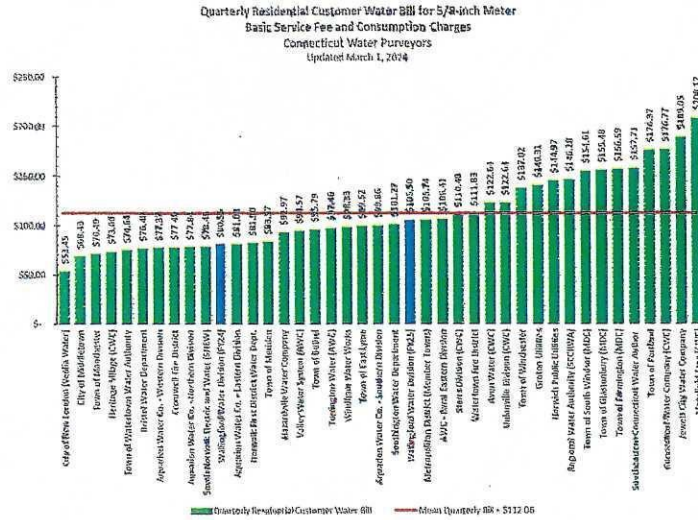
MEDIAN QUARTERLY WATER BILL



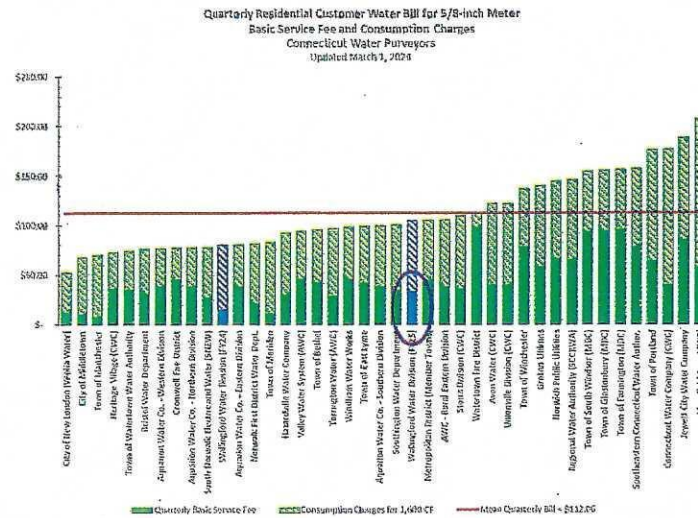
337

QUARTERLY WATER BILL COMPARISON PROPOSED WWD RETAIL RATES – JULY 1, 2024 5/8-INCH METER; 1,600 CF

RETAIL WATER RATE COMPARISON – QUARTERLY BILLS



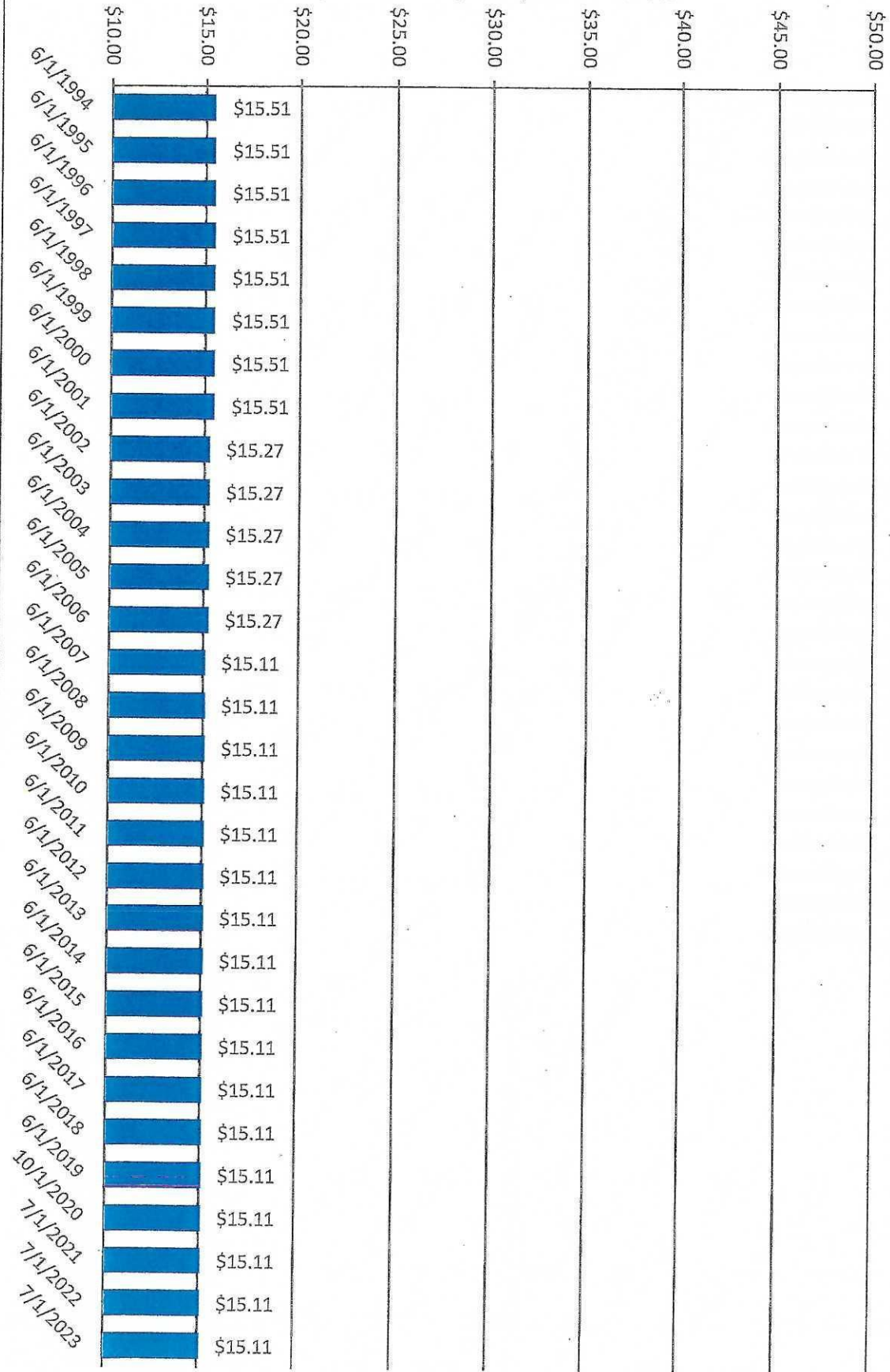
RETAIL WATER RATE COMPARISON – BSF AND \$/CCF SPLIT





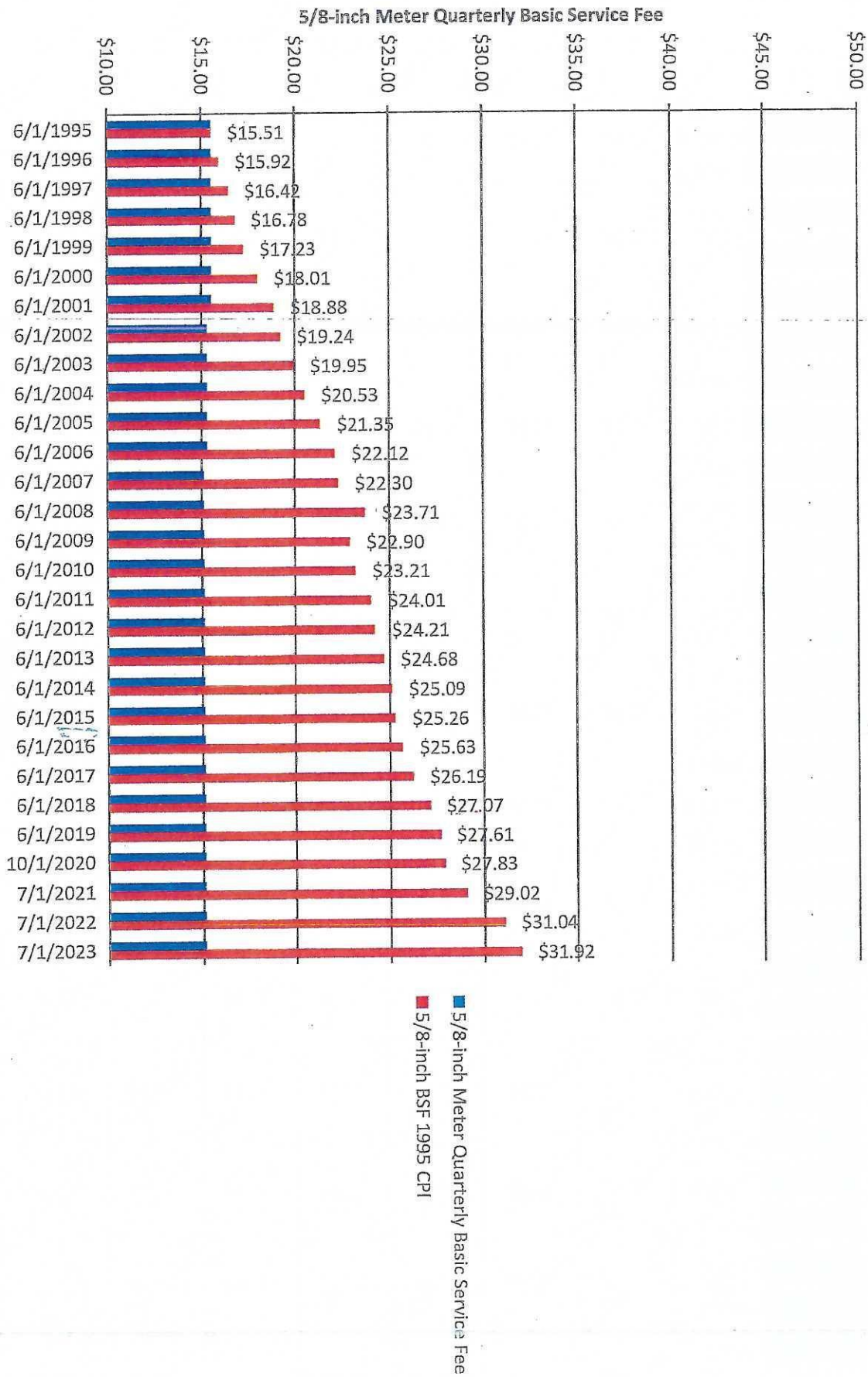
QUESTIONS

5/8-inch Meter Quarterly Basic Service Fee

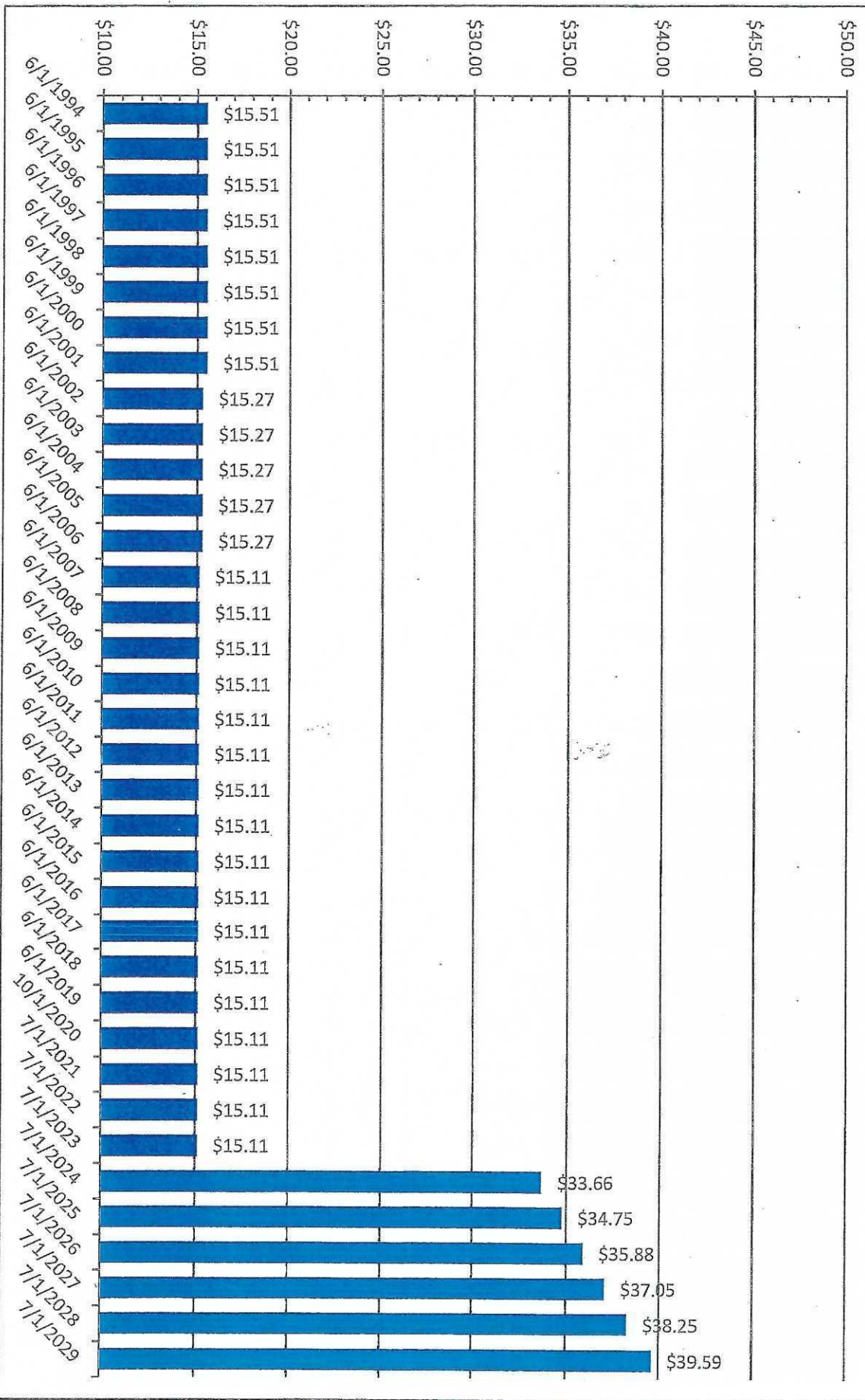


Historical Basic Service Fee Charge for 5/8-inch Meter Customers
1994 - 2023
Water Division
 Department of Public Utilities

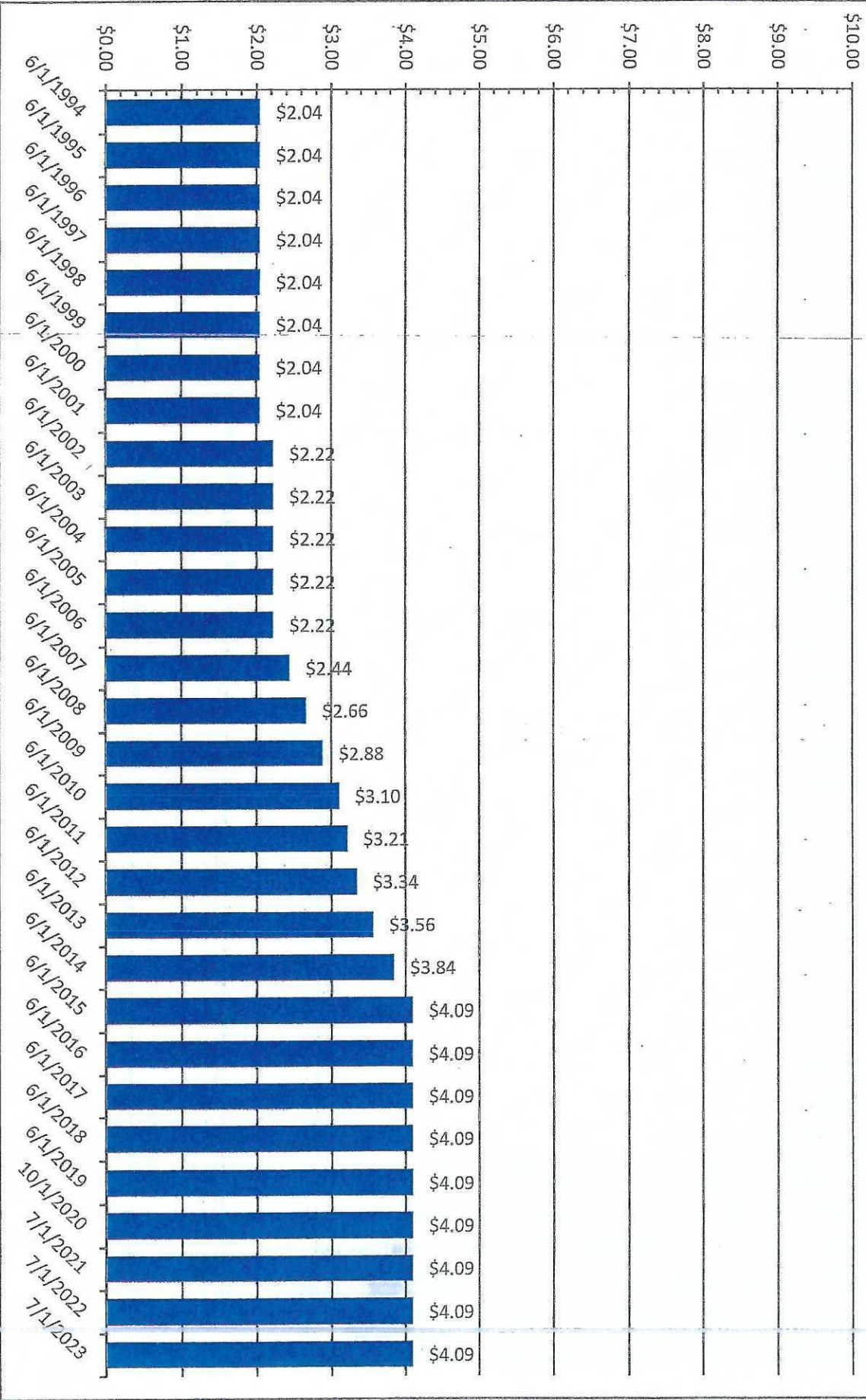
Historical Basic Service Fee Charge for 5/8-inch Meter Customers
1995 - 2023
Water Division
 Department of Public Utilities



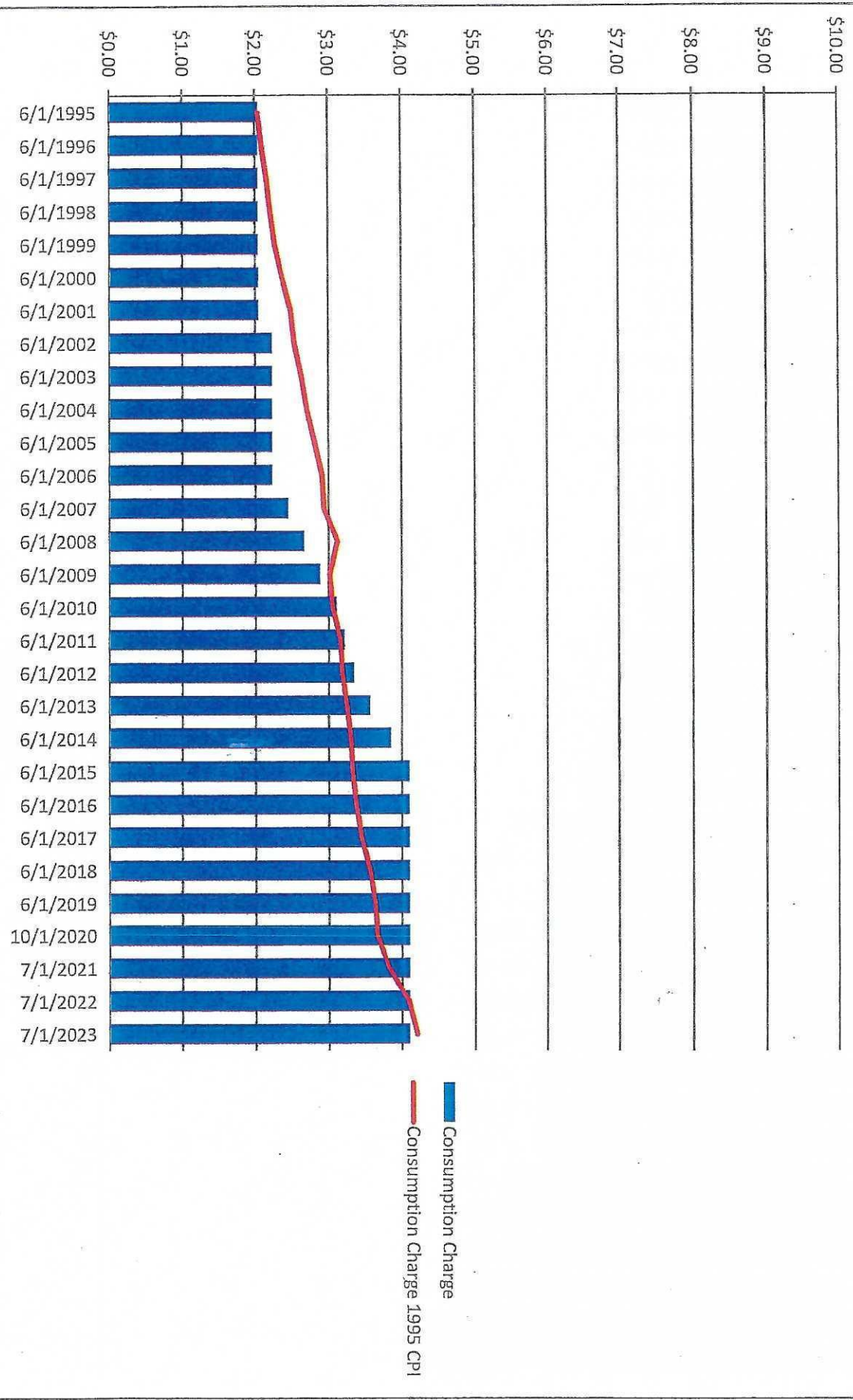
Historical and Recommended Basic Service Fee Charge for 5/8-inch Meter Customers
1994 - 2029
Water Division
 Department of Public Utilities



Historical Water Consumption Charge per CCF
1994 - 2023
Water Division
 Department of Public Utilities



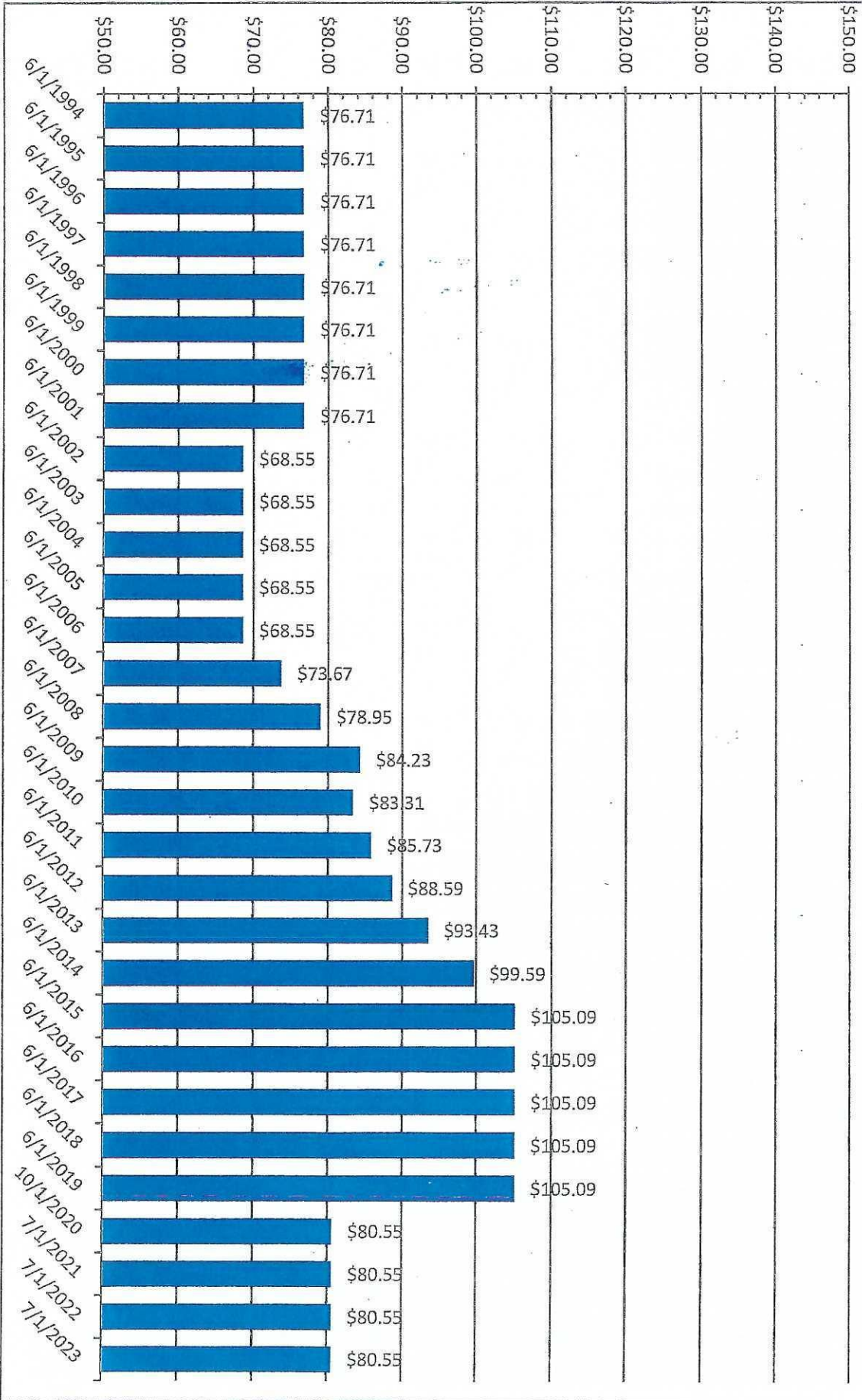
Historical Water Consumption Charge per CCF Indexed to CPI
1995 - 2023
Water Division
 Department of Public Utilities



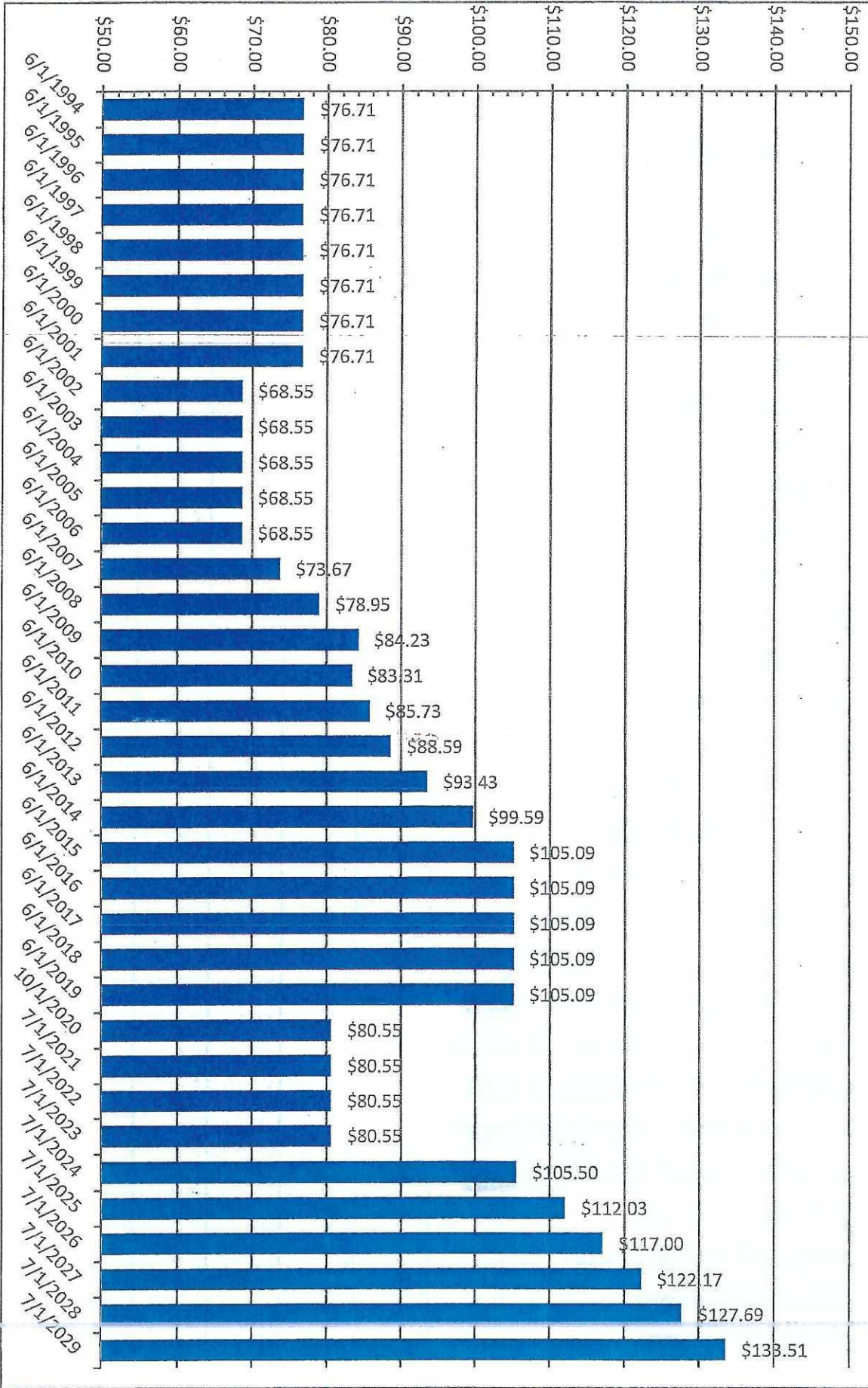
Historical and Recommended Water Consumption Charge per CCF
1994 - 2029
Water Division
 Department of Public Utilities



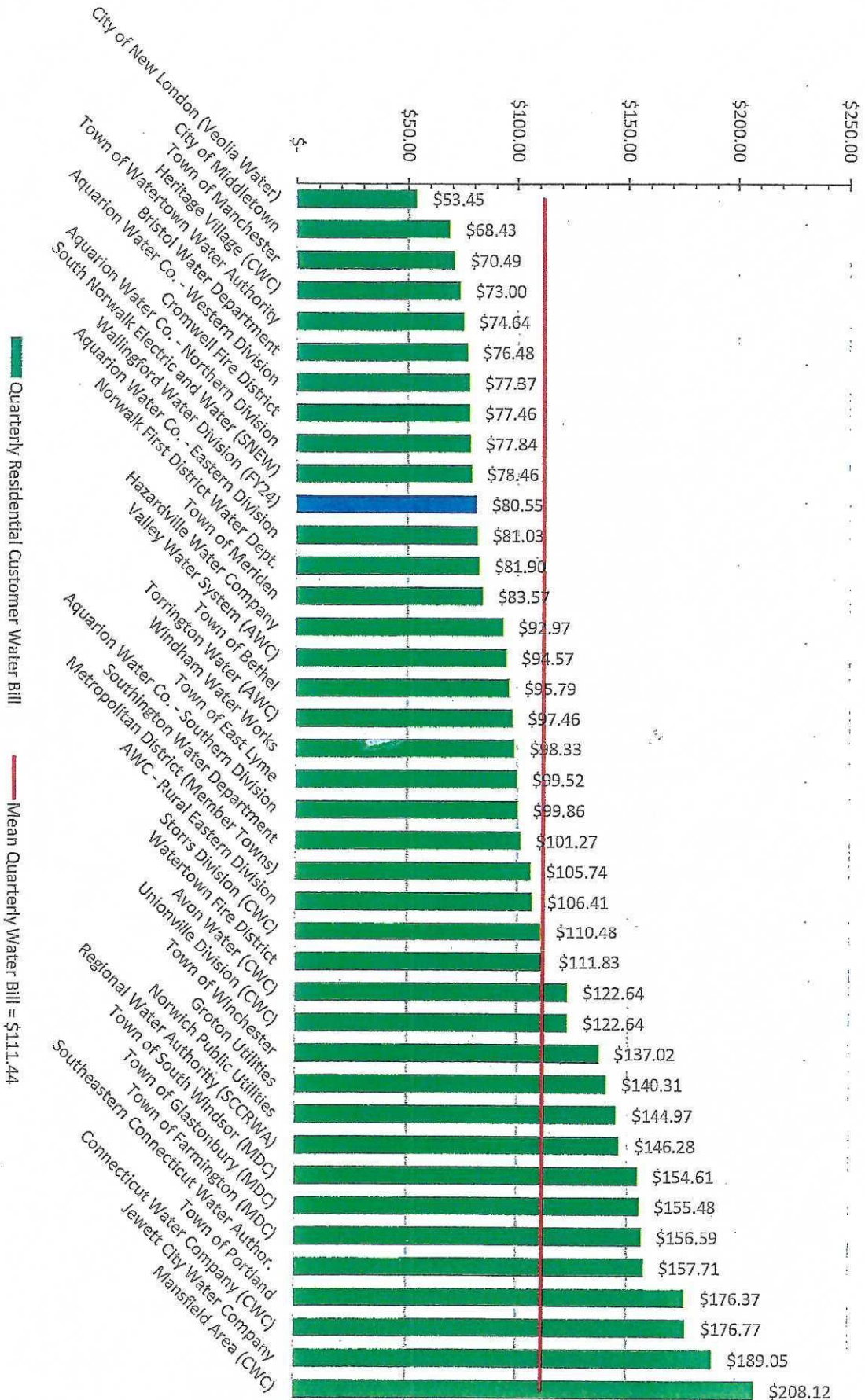
Median Quarterly Charge for 5/8-inch Meter Customers
1994 - 2023
Water Division
 Department of Public Utilities



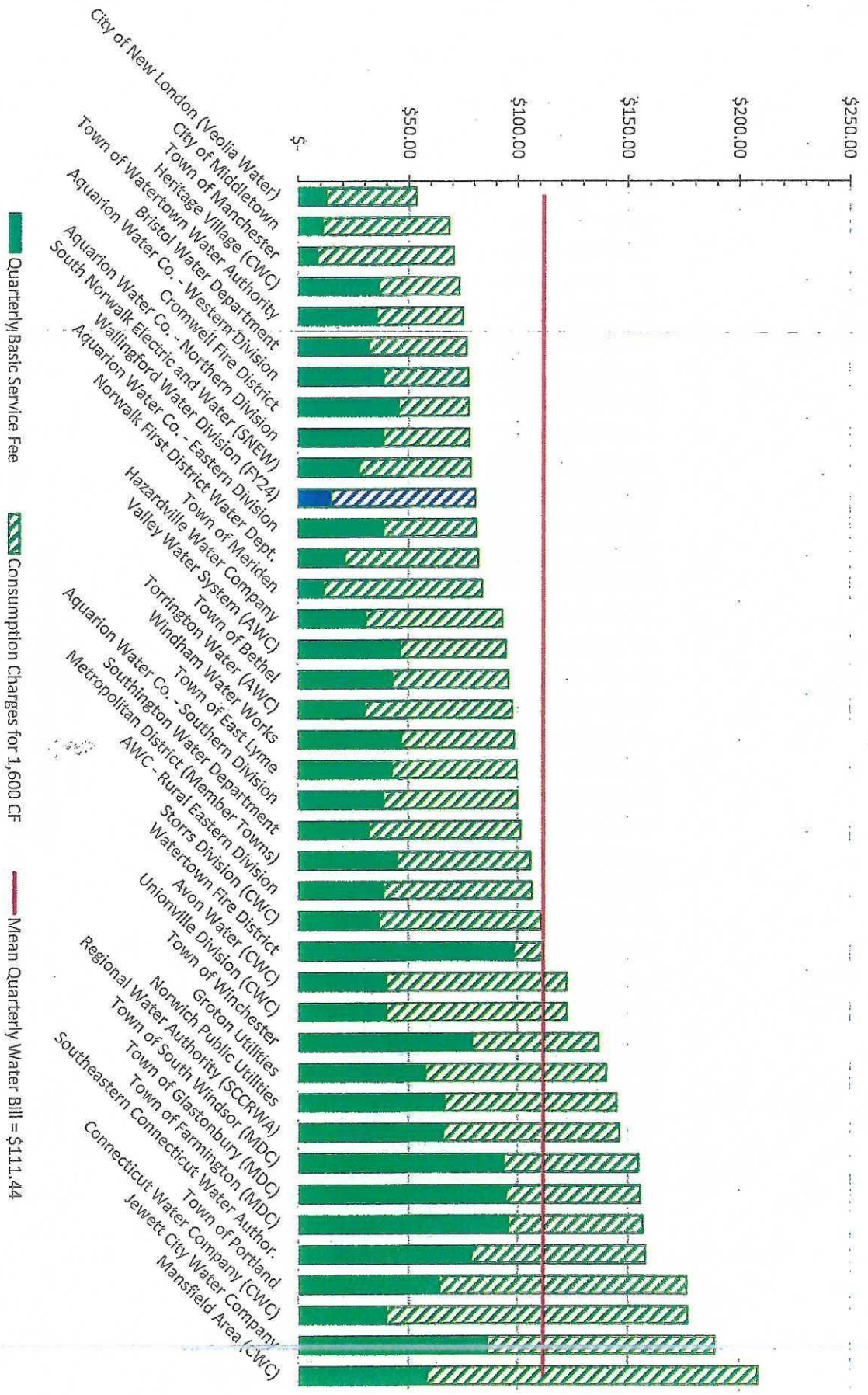
**Median Quarterly Charge for 5/8-inch Meter Customers
1994 - 2029**
Water Division
Department of Public Utilities



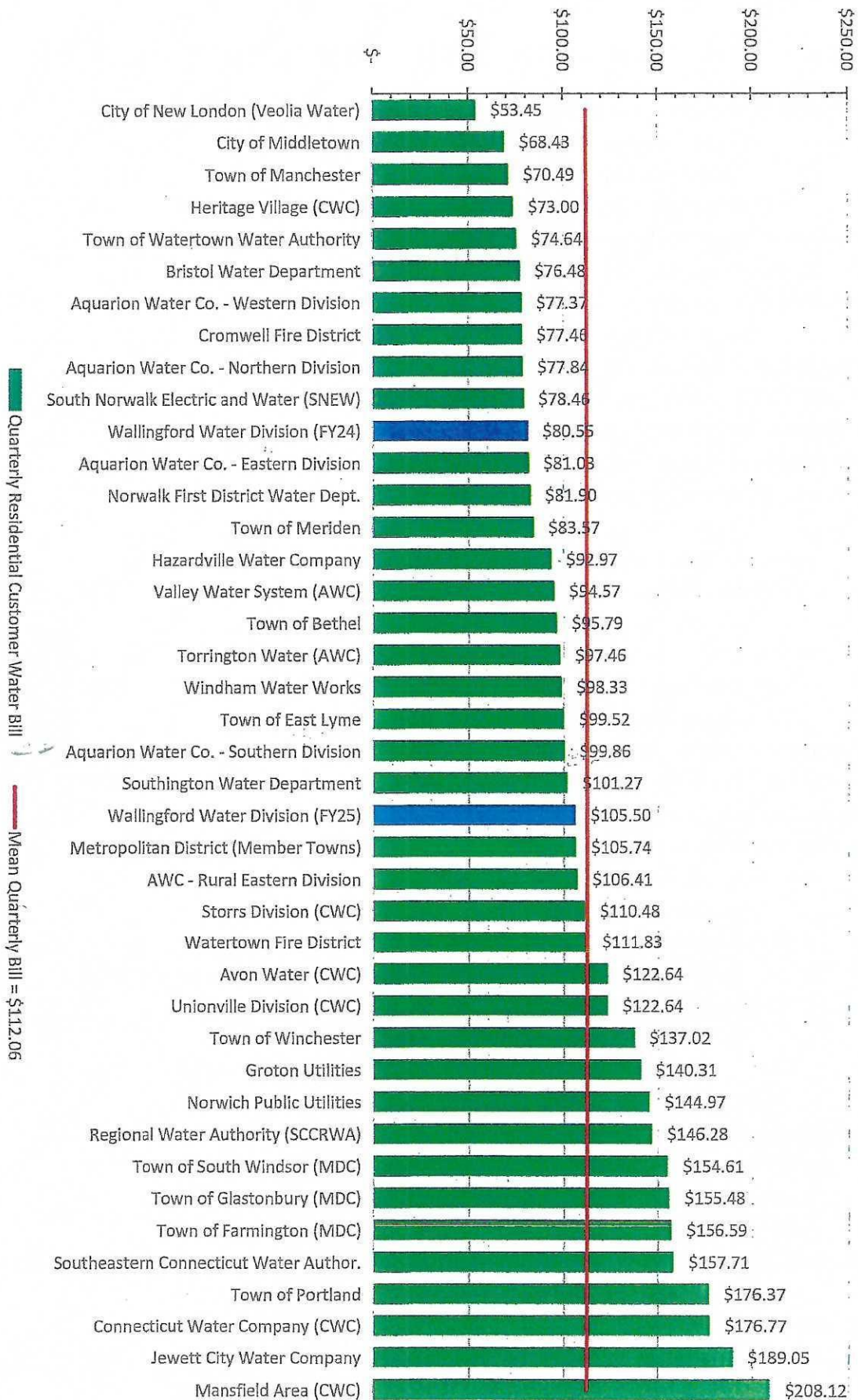
Quarterly Residential Customer Water Bill for 5/8-inch Meter
Basic Service Fee and Consumption Charges
Connecticut Water Purveyors
 Updated March 1, 2024



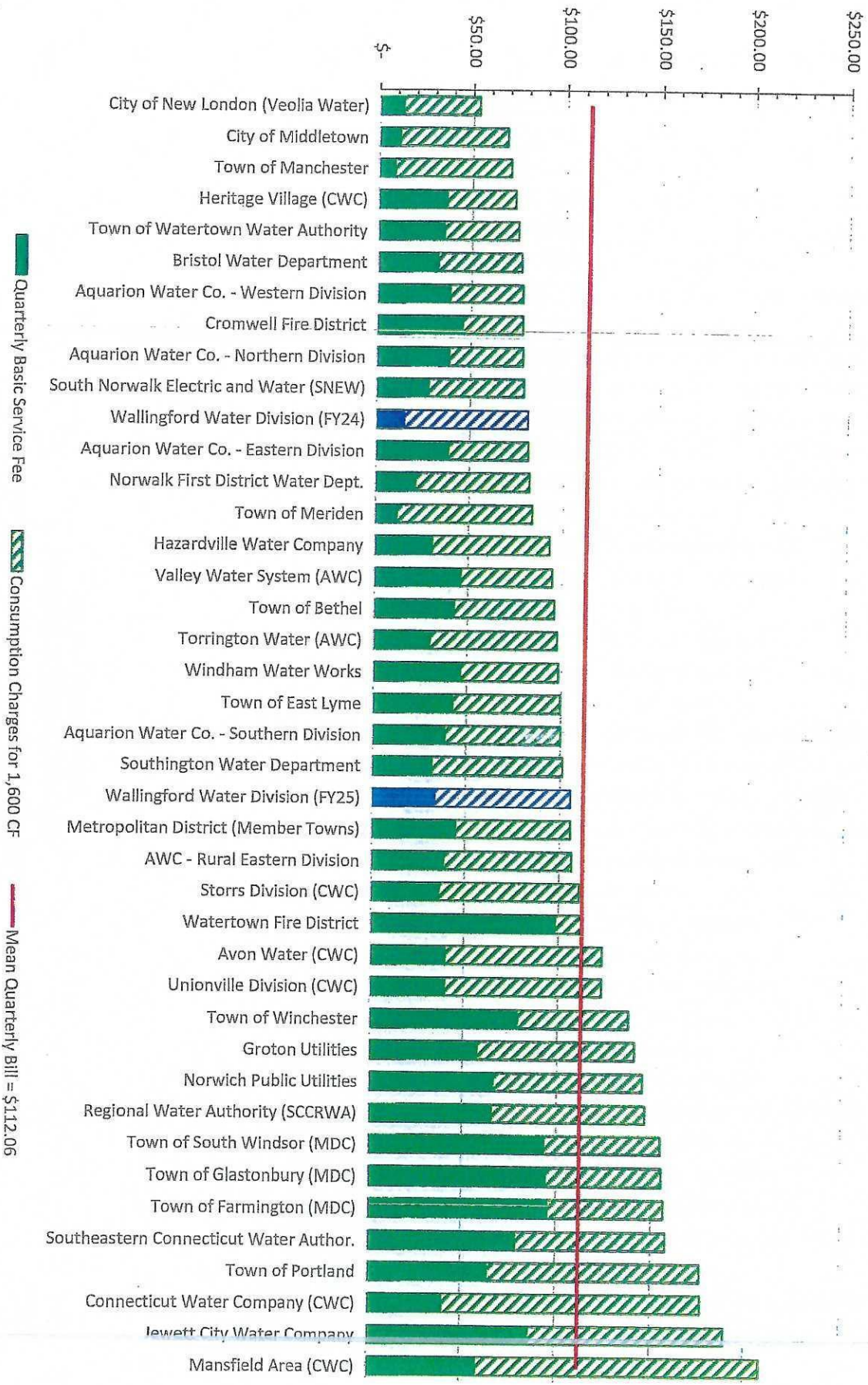
Quarterly Residential Customer Water Bill for 5/8-inch Meter
 Basic Service Fee and Consumption Charges
 Connecticut Water Purveyors
 Updated March 1, 2024



**Quarterly Residential Customer Water Bill for 5/8-inch Meter
Basic Service Fee and Consumption Charges
Connecticut Water Purveyors
Updated March 1, 2024**



Quarterly Residential Customer Water Bill for 5/8-inch Meter
Basic Service Fee and Consumption Charges
 Connecticut Water Purveyors
 Updated March 1, 2024



Quarterly Basic Service Fee

Consumption Charges for 1,600 CF

Mean Quarterly Bill = \$112.06

Proposed Private Fire Line Charges

Water Division

Department of Public Utilities

Town of Wallingford

Public Hearing

	2020-21	2021-22	2022-23	2023-24	2024-25
2-inch Private Fire Line					
Quarterly Fee	\$7.31	\$7.31	\$7.31	\$7.31	\$0.60
Amount of Increase		\$0.00	\$0.00	\$0.00	(\$6.71)
% of Increase		0.00%	0.00%	0.00%	-91.79%
3-inch Private Fire Line					
Quarterly Fee	\$16.61	\$16.61	\$16.61	\$16.61	\$10.88
Amount of Increase		\$0.00	\$0.00	\$0.00	(\$5.73)
% of Increase		0.00%	0.00%	0.00%	-34.50%
4-inch Private Fire Line					
Quarterly Fee	\$29.24	\$29.24	\$29.24	\$29.24	\$23.18
Amount of Increase		\$0.00	\$0.00	\$0.00	(\$6.06)
% of Increase		0.00%	0.00%	0.00%	-20.73%
6-inch Private Fire Line					
Quarterly Fee	\$66.44	\$66.44	\$66.44	\$66.44	\$67.34
Amount of Increase		\$0.00	\$0.00	\$0.00	\$0.90
% of Increase		0.00%	0.00%	0.00%	1.35%
8-inch Private Fire Line					
Quarterly Fee	\$118.27	\$118.27	\$118.27	\$118.27	\$143.50
Amount of Increase		\$0.00	\$0.00	\$0.00	\$25.23
% of Increase		0.00%	0.00%	0.00%	21.33%
10-inch Private Fire Line					
Quarterly Fee	\$184.70	\$184.70	\$184.70	\$184.70	\$258.06
Amount of Increase		\$0.00	\$0.00	\$0.00	\$73.36
% of Increase		0.00%	0.00%	0.00%	39.72%
12-inch Private Fire Line					
Quarterly Fee	\$265.76	\$265.76	\$265.76	\$265.76	\$416.84
Amount of Increase		\$0.00	\$0.00	\$0.00	\$151.08
% of Increase		0.00%	0.00%	0.00%	56.85%
Private Fire Hydrants					
Quarterly Fee	\$66.44	\$66.44	\$66.44	\$66.44	\$0.00
Amount of Increase		\$0.00	\$0.00	\$0.00	(\$66.44)
% of Increase		0.00%	0.00%	0.00%	-100.00%

Proposed Private Fire Line Charges

Water Division

Department of Public Utilities

Town of Wallingford

DRAFT

	2025-26	2026-27	2027-28	2028-29	2029-30
2-inch Private Fire Line					
Quarterly Fee	\$0.74	\$0.91	\$1.10	\$1.31	\$1.51
Amount of Increase	\$0.14	\$0.17	\$0.19	\$0.21	\$0.20
% of Increase	23.33%	22.97%	20.88%	19.09%	15.27%
3-inch Private Fire Line					
Quarterly Fee	\$13.33	\$16.32	\$19.75	\$23.60	\$27.14
Amount of Increase	\$2.45	\$2.99	\$3.43	\$3.85	\$3.54
% of Increase	22.52%	22.43%	21.02%	19.49%	15.00%
4-inch Private Fire Line					
Quarterly Fee	\$28.40	\$34.79	\$42.09	\$50.30	\$57.84
Amount of Increase	\$5.22	\$6.39	\$7.30	\$8.21	\$7.54
% of Increase	22.52%	22.50%	20.98%	19.51%	14.99%
6-inch Private Fire Line					
Quarterly Fee	\$82.49	\$101.05	\$122.27	\$146.11	\$168.03
Amount of Increase	\$15.15	\$18.56	\$21.22	\$23.84	\$21.92
% of Increase	22.50%	22.50%	21.00%	19.50%	15.00%
8-inch Private Fire Line					
Quarterly Fee	\$175.79	\$215.34	\$260.56	\$311.37	\$358.07
Amount of Increase	\$32.29	\$39.55	\$45.22	\$50.81	\$46.70
% of Increase	22.50%	22.50%	21.00%	19.50%	15.00%
10-inch Private Fire Line					
Quarterly Fee	\$316.12	\$387.25	\$468.57	\$559.95	\$643.94
Amount of Increase	\$58.06	\$71.13	\$81.32	\$91.38	\$83.99
% of Increase	22.50%	22.50%	21.00%	19.50%	15.00%
12-inch Private Fire Line					
Quarterly Fee	\$510.63	\$625.52	\$756.88	\$904.47	\$1,040.14
Amount of Increase	\$93.79	\$114.89	\$131.36	\$147.59	\$135.67
% of Increase	22.50%	22.50%	21.00%	19.50%	15.00%
Private Fire Hydrants					
Quarterly Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount of Increase	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
% of Increase	0.00%	0.00%	0.00%	0.00%	0.00%

Proposed Quarterly Sewer Rate Increases - Median Usage

Water Division

Department of Public Utilities

Town of Wallingford

Public Hearing

Rate per 100 cu. ft.	2020-21 \$4.09	2021-22 \$4.09	2022-23 \$4.09	2023-24 \$4.09	2024-25 \$4.49
5/8-inch Meter (12,776 meters; 93.9965%)					
Quarterly Basic Service Fee (BSF)	\$15.11	\$15.11	\$15.11	\$15.11	\$33.66
1,600 cu. ft. bill x 100% = 1,600 cu. ft.	\$65.44	\$65.44	\$65.44	\$65.44	\$71.84
Rate per 100 cu. ft.					
Total Quarterly Cost	\$80.55	\$80.55	\$80.55	\$80.55	\$105.50
Amount of Increase		\$0.00	\$0.00	\$0.00	\$24.95
% of Increase		0.00%	0.00%	0.00%	30.97%
3/4-inch Meter (251 meters; 1.8467%)					
Quarterly Basic Service Fee (BSF)	\$17.20	\$17.20	\$17.20	\$17.20	\$50.49
2,500 cu. ft. bill x 100% = 2,500 cu. ft.	\$102.25	\$102.25	\$102.25	\$102.25	\$112.25
Rate per 100 cu. ft.					
Total Quarterly Cost	\$119.45	\$119.45	\$119.45	\$119.45	\$162.74
Amount of Increase		\$0.00	\$0.00	\$0.00	\$43.29
% of Increase		0.00%	0.00%	0.00%	36.24%
1-inch Meter (257 meters; 1.8908%)					
Quarterly Basic Service Fee (BSF)	\$31.29	\$31.29	\$31.29	\$31.29	\$84.14
6,200 cu. ft. bill x 100% = 6,200 cu. ft.	\$253.58	\$253.58	\$253.58	\$253.58	\$278.38
Rate per 100 cu. ft.					
Total Quarterly Cost	\$284.87	\$284.87	\$284.87	\$284.87	\$362.52
Amount of Increase		\$0.00	\$0.00	\$0.00	\$77.65
% of Increase		0.00%	0.00%	0.00%	27.26%
1 1/2-inch Meter (147 meters; 1.0815%)					
Quarterly Basic Service Fee (BSF)	\$52.22	\$52.22	\$52.22	\$52.22	\$168.29
10,961 cu. ft. bill x 100% = 10,961 cu. ft.	\$448.30	\$448.30	\$448.30	\$448.30	\$492.15
Rate per 100 cu. ft.					
Total Quarterly Cost	\$500.52	\$500.52	\$500.52	\$500.52	\$660.44
Amount of Increase		\$0.00	\$0.00	\$0.00	\$159.91
% of Increase		0.00%	0.00%	0.00%	31.95%
2-inch Meter (135 meters; 0.9932%)					
Quarterly Basic Service Fee (BSF)	\$88.31	\$88.31	\$88.31	\$88.31	\$269.26
14,000 cu. ft. bill x 100% = 14,000 cu. ft.	\$572.60	\$572.60	\$572.60	\$572.60	\$628.60
Rate per 100 cu. ft.					
Total Quarterly Cost	\$660.91	\$660.91	\$660.91	\$660.91	\$897.86
Amount of Increase		\$0.00	\$0.00	\$0.00	\$236.95
% of Increase		0.00%	0.00%	0.00%	35.85%

Proposed Quarterly Water Rate Increases - Median Usage

Water Division

Department of Public Utilities
Town of Wallingford

DRAFT

Rate per 100 cu. ft.	2025-26	2026-27	2027-28	2028-29	2029-30
	\$4.83	\$5.07	\$5.32	\$5.59	\$5.87
5/8-inch Meter (12,776 meters; 93.9965%)					
Quarterly Basic Service Fee (BSF)	\$34.75	\$35.88	\$37.05	\$38.25	\$39.59
1,600 cu. ft. bill x 100% = 1,600 cu. ft.	\$77.28	\$81.12	\$85.12	\$89.44	\$93.92
Rate per 100 cu. ft.					
Total Quarterly Cost	\$112.03	\$117.00	\$122.17	\$127.69	\$133.51
Amount of Increase	\$6.53	\$4.97	\$5.17	\$5.52	\$5.82
% of Increase	6.19%	4.44%	4.42%	4.52%	4.56%
3/4-inch Meter (251 meters; 1.8467%)					
Quarterly Basic Service Fee (BSF)	\$52.13	\$53.82	\$55.57	\$57.38	\$59.38
2,500 cu. ft. bill x 100% = 2,500 cu. ft.	\$120.75	\$126.75	\$133.00	\$139.75	\$146.75
Rate per 100 cu. ft.					
Total Quarterly Cost	\$172.88	\$180.57	\$188.57	\$197.13	\$206.13
Amount of Increase	\$10.14	\$7.69	\$8.00	\$8.56	\$9.00
% of Increase	6.23%	4.45%	4.43%	4.54%	4.57%
1-inch Meter (257 meters; 1.8908%)					
Quarterly Basic Service Fee (BSF)	\$86.88	\$89.70	\$92.62	\$95.63	\$98.97
6,200 cu. ft. bill x 100% = 6,200 cu. ft.	\$299.46	\$314.34	\$329.84	\$346.58	\$363.94
Rate per 100 cu. ft.					
Total Quarterly Cost	\$386.34	\$404.04	\$422.46	\$442.21	\$462.91
Amount of Increase	\$23.82	\$17.70	\$18.42	\$19.75	\$20.70
% of Increase	6.57%	4.58%	4.56%	4.67%	4.68%
1 1/2-inch Meter (147 meters; 1.0815%)					
Quarterly Basic Service Fee (BSF)	\$173.76	\$179.40	\$185.23	\$191.25	\$197.95
10,961 cu. ft. bill x 100% = 10,961 cu. ft.	\$529.42	\$555.72	\$583.13	\$612.72	\$643.41
Rate per 100 cu. ft.					
Total Quarterly Cost	\$703.18	\$735.12	\$768.36	\$803.97	\$841.36
Amount of Increase	\$42.74	\$31.95	\$33.23	\$35.61	\$37.39
% of Increase	6.47%	4.54%	4.52%	4.64%	4.65%
2-inch Meter (135 meters; 0.9932%)					
Quarterly Basic Service Fee (BSF)	\$278.01	\$287.05	\$296.38	\$306.01	\$316.72
14,000 cu. ft. bill x 100% = 14,000 cu. ft.	\$676.20	\$709.80	\$744.80	\$782.60	\$821.80
Rate per 100 cu. ft.					
Total Quarterly Cost	\$954.21	\$996.85	\$1,041.18	\$1,088.61	\$1,138.52
Amount of Increase	\$56.35	\$42.64	\$44.33	\$47.43	\$49.91
% of Increase	6.28%	4.47%	4.45%	4.56%	4.58%

Proposed Quarterly Sewer Rate Increases - Median Usage

Water Division

Department of Public Utilities

Town of Wallingford

Public Hearing

Rate per 100 cu. ft.	2020-21	2021-22	2022-23	2023-24	2024-25
	\$4.09	\$4.09	\$4.09	\$4.09	\$4.49
3-inch Meter (23 meters; 0.1692%)					
Quarterly Basic Service Fee (BSF)	\$103.13	\$103.13	\$103.13	\$103.13	\$538.52
49,500 cu. ft. bill x 100% = 49,500 cu. ft.	\$2,024.55	\$2,024.55	\$2,024.55	\$2,024.55	\$2,222.55
Rate per 100 cu. ft.					
Total Quarterly Cost	\$2,127.68	\$2,127.68	\$2,127.68	\$2,127.68	\$2,761.07
Amount of Increase		\$0.00	\$0.00	\$0.00	\$633.39
% of Increase		0.00%	0.00%	0.00%	29.77%
4-inch Meter (1 meter; 0.0074%)					
Quarterly Basic Service Fee (BSF)	\$168.32	\$168.32	\$168.32	\$168.32	\$841.44
53,493 cu. ft. bill x 100% = 53,493 cu. ft.	\$2,187.86	\$2,187.86	\$2,187.86	\$2,187.86	\$2,401.84
Rate per 100 cu. ft.					
Total Quarterly Cost	\$2,356.18	\$2,356.18	\$2,356.18	\$2,356.18	\$3,243.28
Amount of Increase		\$0.00	\$0.00	\$0.00	\$887.09
% of Increase		0.00%	0.00%	0.00%	37.65%
6-inch Meter (0 meters; 0.0000%)					
Quarterly Basic Service Fee (BSF)	\$278.58	\$278.58	\$278.58	\$278.58	\$1,682.88
107,000 cu. ft. bill x 100% = 107,000 cu. ft.	\$4,376.30	\$4,376.30	\$4,376.30	\$4,376.30	\$4,804.30
Rate per 100 cu. ft.					
Total Quarterly Cost	\$4,654.88	\$4,654.88	\$4,654.88	\$4,654.88	\$6,487.18
Amount of Increase		\$0.00	\$0.00	\$0.00	\$1,832.30
% of Increase		0.00%	0.00%	0.00%	39.36%
8-inch Meter (0 meters; 0.0000%)					
Quarterly Basic Service Fee (BSF)	\$388.85	\$388.85	\$388.85	\$388.85	\$2,692.60
171,000 cu. ft. bill x 100% = 171,000 cu. ft.	\$6,993.90	\$6,993.90	\$6,993.90	\$6,993.90	\$7,677.90
Rate per 100 cu. ft.					
Total Quarterly Cost	\$7,382.75	\$7,382.75	\$7,382.75	\$7,382.75	\$10,370.50
Amount of Increase		\$0.00	\$0.00	\$0.00	\$2,987.75
% of Increase		0.00%	0.00%	0.00%	40.47%
10-inch Meter (2 meters; 0.0147%)					
Quarterly Basic Service Fee (BSF)	\$499.11	\$499.11	\$499.11	\$499.11	\$7,068.08
431,250 cu. ft. bill x 100% = 431,250 cu. ft.	\$17,638.13	\$17,638.13	\$17,638.13	\$17,638.13	\$19,363.13
Rate per 100 cu. ft.					
Total Quarterly Cost	\$18,137.24	\$18,137.24	\$18,137.24	\$18,137.24	\$26,431.21
Amount of Increase		\$0.00	\$0.00	\$0.00	\$8,293.97
% of Increase		0.00%	0.00%	0.00%	45.73%

Proposed Quarterly Water Rate Increases - Median Usage

Water Division

Department of Public Utilities

Town of Wallingford

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Rate per 100 cu. ft.	2025-26	2026-27	2027-28	2028-29	2029-30
	\$4.83	\$5.07	\$5.32	\$5.59	\$5.87
3-inch Meter (23 meters; 0.1692%)					
Quarterly Basic Service Fee (BSF)	\$556.02	\$574.09	\$592.75	\$612.02	\$633.44
49,500 cu. ft. bill x 100% = 49,500 cu. ft.	\$2,390.85	\$2,509.65	\$2,633.40	\$2,767.05	\$2,905.65
Rate per 100 cu. ft.					
Total Quarterly Cost	\$2,946.87	\$3,083.74	\$3,226.15	\$3,379.07	\$3,539.09
Amount of Increase	\$185.80	\$136.87	\$142.41	\$152.92	\$160.02
% of Increase	6.73%	4.64%	4.62%	4.74%	4.74%
4-inch Meter (1 meter; 0.0074%)					
Quarterly Basic Service Fee (BSF)	\$868.78	\$897.02	\$926.17	\$956.27	\$989.74
53,493 cu. ft. bill x 100% = 53,493 cu. ft.	\$2,583.71	\$2,712.10	\$2,845.83	\$2,990.26	\$3,140.04
Rate per 100 cu. ft.					
Total Quarterly Cost	\$3,452.49	\$3,609.12	\$3,772.00	\$3,946.53	\$4,129.78
Amount of Increase	\$209.22	\$156.62	\$162.88	\$174.53	\$183.25
% of Increase	6.45%	4.54%	4.51%	4.63%	4.64%
6-inch Meter (0 meters; 0.0000%)					
Quarterly Basic Service Fee (BSF)	\$1,737.57	\$1,794.04	\$1,852.35	\$1,912.55	\$1,979.49
107,000 cu. ft. bill x 100% = 107,000 cu. ft.	\$5,168.10	\$5,424.90	\$5,692.40	\$5,981.30	\$6,280.90
Rate per 100 cu. ft.					
Total Quarterly Cost	\$6,905.67	\$7,218.94	\$7,544.75	\$7,893.85	\$8,260.39
Amount of Increase	\$418.49	\$313.27	\$325.81	\$349.10	\$366.54
% of Increase	6.45%	4.54%	4.51%	4.63%	4.64%
8-inch Meter (0 meters; 0.0000%)					
Quarterly Basic Service Fee (BSF)	\$2,780.11	\$2,870.47	\$2,963.76	\$3,060.08	\$3,167.18
171,000 cu. ft. bill x 100% = 171,000 cu. ft.	\$8,259.30	\$8,669.70	\$9,097.20	\$9,558.90	\$10,037.70
Rate per 100 cu. ft.					
Total Quarterly Cost	\$11,039.41	\$11,540.17	\$12,060.96	\$12,618.98	\$13,204.88
Amount of Increase	\$668.91	\$500.76	\$520.79	\$558.02	\$585.90
% of Increase	6.45%	4.54%	4.51%	4.63%	4.64%
10-inch Meter (2 meters; 0.0147%)					
Quarterly Basic Service Fee (BSF)	\$7,297.79	\$7,534.97	\$7,779.86	\$8,032.70	\$8,313.85
431,250 cu. ft. bill x 100% = 431,250 cu. ft.	\$20,829.38	\$21,864.38	\$22,942.50	\$24,106.88	\$25,314.38
Rate per 100 cu. ft.					
Total Quarterly Cost	\$28,127.17	\$29,399.35	\$30,722.36	\$32,139.58	\$33,628.23
Amount of Increase	\$1,695.96	\$1,272.18	\$1,323.02	\$1,417.22	\$1,488.65
% of Increase	6.42%	4.52%	4.50%	4.61%	4.63%