

# Water and Wastewater Fees

Brunswick County Public Utilities



# Key Fee Changes (Water)

¾" Meter Installation (only)

1" Meter Installation (only)

¾" Tap and Meter

1" Tap and Meter

¾" Irrigation Meter Installation

1" Irrigation Meter Installation



# 3/4" Meter Installation (only)

3/4" Water  
Meter



\$120

Radio  
Transmitter  
(MXU)



Single \$205  
Double \$232

(When installed with Double Meter Box - cuts the cost of MXU to \$116 each by eliminating the need to install two MXU's)

Meter and  
Transmitter Together



\$325 (Materials Only)

Current Fee \$250



# $\frac{3}{4}$ " Meter Installation (only)

## Cost Breakdown

$\frac{3}{4}$ " Meter	\$120
Radio Transmitter (Single)	\$205
Total Material Cost	\$325
Equipment & Labor	\$75
Total Cost	\$400
Current Fee	\$250
Proposed Fee	\$400





# $\frac{3}{4}$ " Meter Installation and Tap (Short Side/Long Side Average)

## Cost Breakdown

$\frac{3}{4}$ " Meter	\$120
Radio Transmitter (Single)	\$205
Meter Box	\$250
Brass & Pipe Material	\$188
Total Material Cost	\$763
Equipment & Labor	\$1865
Total Cost	\$2,638
Current Fee	\$650
Proposed Fee	\$2,700



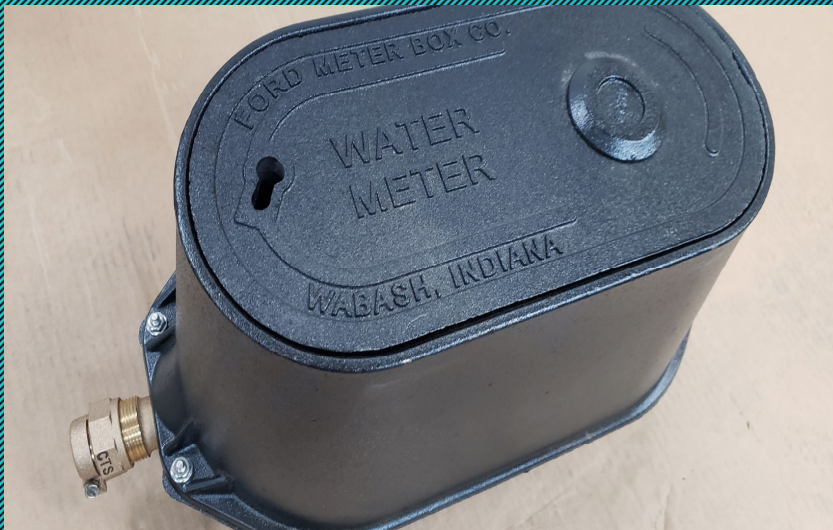
# Area Utilities Compared (¾” Tap and Meter)

Public Utility	Current Fees
Brunswick County	\$650
CFPUA	2,100 (FY-21-22)
Pender County	\$1,825 (FY-21-22)
H2GO	Labor & Equipment + 10% (plus cost of meter and MXU) (FY-21-22)



# ¾" Irrigation Service

¾" Irrigation (on existing service)



Single Meter Box

\$250

¾" Irrigation  
(during initial service installation)



Double Meter Box

\$625



# $\frac{3}{4}$ " Irrigation Meter

## Cost Breakdown

Material, Equipment and Labor	One Single Box
$\frac{3}{4}$ " Meter	\$120
Radio Transmitter / MXU (Single - Double)	\$205
Meter Box ( Single - Double)	\$250
Piping Material	\$85
Total Material Cost	\$660
Equipment & Labor	\$163
Total Cost	\$823
Current Fee	\$325
Proposed Fee	\$900



# $\frac{3}{4}$ " Irrigation Meter

## Comparison of Two Single Boxes Verses One Double Box

### Material, Equipment and Labor

$\frac{3}{4}$ " Meter

Radio Transmitter / MXU (Single - Double)

Meter Box ( Single - Double)

Piping Material

Total Material Cost

Equipment & Labor

Total Cost

### Two Single Boxes

$\$120 \times 2 = \$240$

$\$205 \times 2 = \$410$

$\$250 \times 2 = \$500$

\$85

\$1,235

\$163

\$1,398

### One Double Box

$\$120 \times 2 = \$240$

\$239 (1 Double MXU)

\$625

\$25

\$1,129

\$163

\$1,292



# Water Fiscal Year 2023 Proposed Fireline Fees

## Current Fireline Fees (Annual fee)

2"- \$72

3"- \$132

4"- \$228

6"- \$456

8"- \$732

## Suggested Fees

2"- \$105

3"- \$132

4"- \$228

6"- \$480

8"- \$840

## CFPUA Fees

2"- \$120

3"- \$180

4"- \$240

6"- \$480

8"- \$840



# Water Fiscal Year 2023 Proposed Fees

Water FY 23 Proposed Fees	FY 22	FY 23	FY 23	FY 23	FY 23	FY 23	
<u>Service</u>	Current Fee	Actual Cost	Material Cost	Equipment Cost	Labor Cost	Suggested Fee	Notes:
<b>New 3/4" Meter Installation only</b> (Includes installation of 3/4" meter and MXU at existing service where tap fee already paid or installed by a Developer.)	\$250	<b>\$ 402.38</b>	\$327	\$35	\$40.38	\$400	<ul style="list-style-type: none"> <li>CFPUA charges \$250 (FY-21-22)</li> <li>H2GO- Labor &amp; Equipment+10% (plus cost of meter and MXU)</li> </ul>
<b>New 1" Meter Installation only</b> (Includes installation of 1" meter and MXU at existing service where tap fee already paid or installed by a Developer.)	\$300	<b>\$439.38</b>	\$364	\$35	\$40.38	\$450	<ul style="list-style-type: none"> <li>CFPUA charges \$350 (FY-21-22)</li> <li>H2GO - Labor &amp; Equipment+10% (plus cost of meter and MXU)</li> </ul>
<b>3/4" Irrigation Meter Installation</b> (includes connection to service line by open trench methods including meter box, MXU, and meter)	\$500	<b>\$822.57</b>	\$660.45	\$70	\$92.12	\$900	<ul style="list-style-type: none"> <li>CFPUA charges \$575 (FY21-22)</li> <li>H2GO -Labor &amp; Equipment+10% (plus cost of meter and MXU)</li> </ul>
<b>1" Irrigation Meter Installation</b> (includes connection to service line by open trench methods including meter box, MXU, and meter)	\$625	<b>\$934.73</b>	\$772.61	\$70	\$92.12	\$1,000	
<b>3/4" Meter Installation and Tap</b> (includes connection to main, up to 40' of 1" diameter piping installed within R/W or easement by open trench or bore methods including meter box, MXU, and meter). County personnel shall determine whether a trenchless pipe installation is done by Dry Bore Methods or Wet Bore Methods.	\$650	<b>\$2,058 - \$3,279</b>	\$763 Average	\$1,200 Average	\$665 Average	\$2,700	<b>Short side \$2,058</b> <b>Long side \$3,279</b> <b>Average: \$2,700</b> CFPUA charges \$2,100 (FY21-22)
<b>1" Meter Installation and Tap</b> (includes connection to main, up to 40' of 1" diameter piping installed within R/W or easement by open trench or bore methods including meter box, MXU, and meter). County personnel shall determine whether a trenchless pipe installation is done by Dry Bore Methods or Wet Bore Methods.	\$700	<b>\$2,170 - \$3,986</b>	\$875 Average	\$1200 Average	\$665 Average	\$2,800	<b>Short side \$2,170</b> <b>Long side \$3,986</b> <b>Average: \$3078</b> CFPUA charges \$2,200 (FY-21-22)
<b>2" Meter Installation and Tap</b> (includes connection to main, up to 40' of 2" diameter piping installed within R/W or easement by open trench or bore methods including meter box, valves/valve boxes, MXU, and meter). County personnel shall determine whether a trenchless pipe installation is done by Dry Bore Methods or Wet Bore Methods.	\$5,000	<b>\$6,230 – \$7,495</b>	\$4,607 Average	\$1,240 Average	\$665 Average	\$6,650	<b>Short side \$6,230</b> <b>Long side \$7,495</b> <b>Average: \$6,863</b> CFPUA charges \$6,400 (FY21-22)



# Water Fiscal Year 2023 Proposed Fees

Water FY 23 Proposed Fees	FY 22	FY 23	FY 23	FY 23	FY 23	FY 23	
<u>Service</u>	Current Fee	Actual Cost	Material Cost	Equipment Cost	Labor Cost	Suggested Fee	Notes:
Meter Upgrade - (Includes changing 3/4" meter and box to 1" meter and box. )	\$200	<b>\$873</b>	\$717	\$35	\$121	\$875	
3/4" Meter for Well (For sewer-only customers. Meter and MXU provided by County to be installed by owner on well piping.)	\$250	<b>\$751</b>	\$577	\$70	\$104	\$750	
1" Meter for Well (For sewer-only customers. Meter and MXU provided by County to be installed by owner on well piping.)	\$300	<b>\$865</b>	\$692	\$70	\$104	\$850	
Premise Visit - Normal Office Hours (Disconnects, Re-connects, Problem on Customer's Side of meter box, etc.)	\$35	<b>\$75</b>	\$0	\$35	\$40	\$75	<ul style="list-style-type: none"> <li>• CFPUA charges \$55 (FY-21-22)</li> <li>• H2GO- \$50 per hour</li> </ul>
Premise Visit - After hours, Weekends, Holidays (Disconnects, Re-connects, Problem on Customer's Side of meter box, etc.)	\$70	<b>\$95</b>	\$0	\$35	\$60	\$100	<ul style="list-style-type: none"> <li>• CFPUA charges \$110 (FY-21-22)</li> <li>• H2GO- \$100 per hour</li> </ul>
Meter Testing (3/4" & 1") - Passing (103% or less of actual flow); No charge for failing tests	\$30	<b>\$195</b>	\$120	\$35	\$40	\$125	<ul style="list-style-type: none"> <li>• CFPUA charges \$55 + PV (\$55) = \$110 (FY-21-22)</li> <li>• H2GO - \$50</li> </ul>



# Key Fee Changes (Wastewater)

2" or smaller sewer force main tap

Standard Vacuum System Pit install

4" Nearside Residential Gravity Tap

Surcharges- Additional Length of 4" or smaller service pipe install

Surcharges- Greater than 200 linear feet of 2" or smaller pipe install

Septage Receiving Fees

Service Charges- Premise Visits



# Standard Vacuum System Pit Installation / Cost Breakdown

## On existing service

Vacuum Tank includes vacuum valve **	\$4881
Clean out assembly w/collar	\$92
Piping material/fittings	\$393
Tapping Saddle	\$300
Total Material Cost	\$5666
Equipment & Labor	\$2290
Total Cost	\$7956
Current Fee	\$5000
Proposed Fee	\$8000

\*\*Reflects increase from original submission due to Vacuum Tank increase\*\*





# 4" Near-side Residential Gravity Service Tap / Cost Breakdown

## New Installation\*

8x4 Tapping Saddle	\$375
Clean out assembly	\$50
Piping material/fittings	\$60
Clean out box/ Caps	\$40
Total Material Cost	\$525
Equipment & Labor	\$2035
Total Cost	\$2560
Current Fee	\$1000
Proposed Fee	\$2500

\*Does not include:  
rock,  
pavement  
repair,  
suitable fill,  
seeding or  
sod, etc.





# Comparable Area Utilities Fees and Rates- Sewer

## Brunswick County 4" Near-side Residential Gravity tap

- Current Fee- \$1,000.00
- Proposed Fee- \$2,500.00

## CFPUA Sewer Tap Fee (FY22)

- 4" Tap- \$2,200.00
- 6" Tap- \$2,800.00



# Septage Receiving Fees

## Current Rate

Truck offload-2,000 gallons or less- \$80.00

Truck Offload- 2,000 gallons or more- \$160.00

## Proposed Rate

Truck offload-2,000 gallons or less- \$200.00

Truck Offload- 2,000 gallons or more- \$400.00

## CFPUA (Only surrounding Utility for comparison)

- \$275.00 per 2,000 gallons + \$500.00 Utility Deposit (FY22)
- \$500.00 per 4,000 gallons + \$500.00 Utility Deposit (FY22)



# Sewer Fiscal Year 2023 Proposed Fees

Sewer FY 23 Proposed Fees	FY 22	FY 23	FY 23	FY 23	FY 23	FY 23	
Service	Current Fee	Actual Cost	Material Cost	Equipment Cost	Labor Cost	Suggested Fee	Notes:
2" or smaller sewer force main tap (includes connection to force main, up to 40' of piping installed within R/W or easement by open trench or bore methods including valves/valve boxes)	\$1,000.00	\$2409.65	\$318.80	\$1442.60	\$648.25	\$2,500.00	Material includes 40' CTS, saddle, corporation stop, ball valve, swing check, coupling pack-joint, valve box/lid
Standard Vacuum System Pit (includes connection to vacuum main, up to 40' of vacuum piping installed within R/W or easement by open trench or bore methods , & gravity service tap)	\$5,000.00	\$7,918.43	\$5,628.88	\$1,200.00	\$1,089.55	\$8,000.00	Material includes Vac Pit, 4"PVC-10', 4"Cleanout, 3" PVC 10', 3" Fittings, collar, valve, fittings
4" Near-side Residential Gravity Service Tap (includes connection to gravity main or vacuum pit, "nearside" piping installed within R/W or easement by open trench methods and cleanout. Additional fees for excavation over 5' or pavement repair apply.)	\$1,000.00	\$2,560.63	\$525.00	\$1,135.00	\$900.63	\$2,500.00	Material includes saddle, 40' 4" SDR 21, Sanitary Tee, Clean out cap, box/lid
SURCHARGES - ADDITIONAL LENGTH OF 4" OR SMALLER SERVICE PIPE INSTALLATION (Added to tap fee for service piping within R/W in excess of 40'. Note that the maximum drill length is 300'; on-grade installation is 60'. NCDOT encroachment acquisition may take several weeks. Any road repair will incur an additional charge.)	\$12.00/LF	\$26.02	\$5.56	\$11.13	\$9.34	\$25.00/LF	<b>\$26.02</b> per LF includes equipment and labor
Surcharge - Greater than 200 linear feet of 2" or smaller pipe installed from R/W or easement to grinder pump station using open-trench methods.	\$6.00/LF	\$21.42	\$1.42	\$5.13	\$4.16	\$20.00/LF	<b>\$21.42</b> per LF includes equipment and labor
Premise Visit-Normal Office Hours	\$35.00					\$75.00	CFPUA- \$55.00 H2GO-\$50.00
Premise Visit-Normal After Hours, Weekends, Holidays	\$70.00					\$100.00	CFPUA- Individually Determined H2GO- \$100.00
<u>Septage Receiving</u>							
Truck Offload - 2,000-gallon tank capacity or less (Each offload regardless of actual septage discharge)	\$80.00					\$200.00	Based on O&M of equipment- recent expenditures in excess of \$55,000. Nearest utility with similar fees (CFPUA), charges a minimum of \$275.00 per 2,000 gallons + \$500.00 Utility Deposit
Truck Offload - 2,001-gallon tank capacity or more (Each offload regardless of actual septage discharge)	\$160.00					\$400.00	Based on O&M of equipment- recent expenditures in excess of \$55,000. Nearest utility with similar fees (CFPUA), charges a minimum of \$500.00 per 4,000 gallons + \$500.00 Utility Deposit