

### Appendix C-1 Selected Alternative and User Cost Table

Project	Alternative Number	Selected Alternative Name	Selected Alternative NPW	Selected Alternative Construction Costs	Monthly Selected Alternative User Costs (2,540 customers)
Iron Treatment (Removal)	Alternative A-3a	Iron Removal - Pressure Filtration - Individual Wells	\$670,607	\$999,150	\$2.46
Disinfection	Alternative B-2	Sodium Hypochlorite Disinfection - Individual Wells	\$566,770	\$722,300	\$1.78
Fluoridation	Alternative C-3	Fluoridation - Future Installation	\$15,595	\$21,000	\$0.05
<i>Drinking Water Treatment Alternatives Subtotal</i>			<b>\$1,252,972</b>	<b>\$1,742,450</b>	<b>\$4.29</b>
West Street Water Main Replacement	Alternative WM-A-2	4-inch Water Main Replacement - West Street (DIP)	\$448,972	\$642,800	\$1.58
Maple Street Water Main Replacement	Alternative WM-B-2	4-inch Water Main Replacement - Maple Street (DIP)	\$529,486	\$786,650	\$1.94
Eighth Street Water Main Replacement	Alternative WM-C-2	4-inch Water Main Replacement - Eighth Street (DIP)	\$475,955	\$680,500	\$1.68
River Street Water Main Replacement	Alternative WM-D-2	4-inch Water Main Replacement - River Street (DIP)	\$531,663	\$771,550	\$1.90
Walnut Street Water Main Relocation	Alternative WM-E-2	6-inch Water Main Relocation - Walnut Street (DIP)	\$168,905	\$174,500	\$0.43
Airport Industrial Park Water Main Loop	Alternative WM-F-2	Water Main Loop - Airport Ind Park (8-in DIP)	\$122,113	\$190,000	\$0.47
Elm Street to New Jersey Court Water Main Loop	Alternative WM-G-2	Water Main Loop - Elm St to New Jersey Ct (8-in DIP)	\$67,961	\$129,100	\$0.32
<i>Water Main Alternatives Subtotal</i>			<b>\$2,345,055</b>	<b>\$3,375,100</b>	<b>\$8.32</b>
<b>Drinking Water Treatment and Water Main Alternatives Total</b>			<b>\$3,598,027</b>	<b>\$5,117,550</b>	<b>\$12.61</b>

## 6-6 Public Works

Service	Fee	Received by
Hydrant Meter Rental (per day)	\$10.00	Water Fund
Hydrant Meter Rental (per 1,000 gallons)	\$10.00	Water Fund
Equipment Use Fee for Hose & Tools	\$20.00	Water Fund
WATER RATES (BI-MONTHLY BILLING)		
Minimum use of 1,100 CF/billing period	\$23.20	Water Fund
Next 48,900 CF / 100 CF	\$2.12	Water Fund
Next 617,000 CF / 100 CF	\$1.49	Water Fund
Over 677,000 CF / 100 CF	\$0.50	Water Fund
Senior Citizen up to 1,100 CF	Less 15%	Water Fund
SEWER RATES (BI-MONTHLY BILLING)		
Minimum use of 1,100 CF/billing period	\$43.52	Sewer Fund
Next use of 48,900 CF / 100 CF	\$3.90	Sewer Fund
Next use of 617,000 CF / 100 CF	\$2.78	Sewer Fund
Over 67,000 CF / 100 CF	\$0.92	Sewer Fund
Senior Citizen up to 1,100 CF	Less 15%	Sewer Fund
Water Permit	\$125.00	Water Fund
Sewer Permit	\$125.00	Sewer Fund
<b>Tap-in Inspection Fee</b>	<b>\$175.00</b>	<b>Water/Sewer Fund</b>
High Volume Service Charge (RTS)		
33,000 to 67,000 CF   Water	\$109.00	Water Fund
33,000 to 67,000 CF   Sewer	\$122.00	Sewer Fund
67,000 to 167,000 CF   Water	\$223.00	Water Fund
67,000 to 334,000 CF   Sewer	\$255.00	Sewer Fund
167,000 to 334,000 CF   Water	\$531.00	Water Fund
167,000 to 334,000 CF   Sewer	\$611.00	Sewer Fund
334,000 to 667,000 CF   Water	\$2,043.00	Water Fund
334,000 to 667,000 CF   Sewer	\$2,344.00	Sewer Fund
Over 667,000 CF   Water	\$2,218.00	Water Fund
Over 667,000 CF   Sewer	\$2,550.00	Sewer Fund
Water Fill-up (per 1,000 gallons)	Per Current Water Rates	Water Fund
Subsequent to shut-off for Non-payment		
Turn-on fee, 1 <sup>st</sup> Offense	\$16.00	Water Fund
Turn-on fee, 2 <sup>nd</sup> Offense	\$31.00	Water Fund
Turn-on fee, 3 <sup>rd</sup> Offense	\$47.00	Water Fund
Turn-on fee, after hours / Saturday	\$67.00	Water Fund
Turn-on fee, Sundays	\$85.00	Water Fund
Turn-on fee, Holidays	\$120.00	Water Fund
Voluntary Shut-off	\$13.00	Water Fund
Water / Sewer Deposit-Renters	\$200.00	Water Fund
Meter Testing Fee	\$36.00	Water Fund
Meter Replacement Fee	Actual Cost	Water Fund
	+ 20% administration	
Commercial Meter Replacement Fee	Actual Cost	Water Fund
	+ 20% administration	
Flat-rate Sprinkler Charge (Season)	\$212.00 billed semi-annually	Water Fund
Park Restroom Deposit	\$25.00	General Fund
Park Shelter Rental	\$35.00	General Fund

Street Excavating Deposit	\$250.00	General Fund
Right of Way Permit	\$20.00	General Fund
Reservation of Memory Isle for marriage	\$25.00	General Fund
Standard GIS Maps / Aerial Photos (Paper Copies)		
8.5" x 11" – A	\$5.00	Water/Sewer Fund
11" x 17" – B	\$8.00	Water/Sewer Fund
18" x 24" – C	\$14.00	Water/Sewer Fund
24" x 36" – D	\$18.00	Water/Sewer Fund
36" x 36"	\$24.00	Water/Sewer Fund
36" x 48" – E	\$30.00	Water/Sewer Fund
36" x 60"	\$36.00	Water/Sewer Fund
	Duplicates 50% off (limit 2 copies)	
+ Vector Overlay: Parcels, lots, streets	\$3.00/8.5"x11" (per layer) \$5.00 per larger sizes (per layer)	Water/Sewer Fund
Digital Information (Raster & Vector)		
<b>2007 DOP 6" B/W (per tile/ .tif)</b>	<b>\$10.00</b>	<b>Water/Sewer Fund</b>
<b>2007 DOP 6" B/W (Citywide/ .tif)</b>	<b>\$585.00</b>	<b>Water/Sewer Fund</b>
<b>2007 DOP 6" B/W (Citywide/ .sid)</b>	<b>\$200.00</b>	<b>Water/Sewer Fund</b>
<b>2002 DOP 6" B/W (per tile/ .tif)</b>	<b>\$5.00</b>	<b>Water/Sewer Fund</b>
<b>2002 DOP 6" B/W (Citywide/ .tif)</b>	<b>\$200.00</b>	<b>Water/Sewer Fund</b>
<b>2002 DOP 6" B/W (Citywide/ .sid)</b>	<b>\$50.00</b>	<b>Water/Sewer Fund</b>
Historic aerial (per tile/ .tif)	\$8.00	Water/Sewer Fund
Parcel Layer (per parcel)	\$0.75	Water/Sewer Fund
Parcel Layer (Citywide)	\$1,200.00	Water/Sewer Fund
<b>Annual Update</b>	<b>\$400.00</b>	<b>Water/Sewer Fund</b>
<b>Address Points (per point)</b>	<b>\$0.25</b>	<b>Water/Sewer Fund</b>
<b>Address Points (Citywide)</b>	<b>\$500.00</b>	<b>Water/Sewer Fund</b>
<b>Annual Update</b>	<b>\$200.00</b>	<b>Water Sewer Fund</b>
Additional Layers (streets, zoning, etc.)	\$50.00 per file (excl DTM)	Water/Sewer Fund
	\$200.00 per DTM file	Water/Sewer Fund
	2' contours	
Minimum Charge	\$10.00	Water/Sewer Fund
Custom Mapping or Scanning (per hour)	\$52.00	Water/Sewer Fund
Minimum Charge	\$15.00	Water/Sewer Fund
Email Standard Maps and/or aerials	\$8.00	Water/Sewer Fund
Faxed Information – 1 <sup>st</sup> page	\$20.00	Water/Sewer Fund
Faxed Information – Add'l pages	\$1.00	Water/Sewer Fund
Shipping/Handling	\$3.00	Water/Sewer Fund
Mailing Tubes + Shipping & Handling	\$8.00 up to 2lbs.	Water/Sewer Fund
CD-ROMs (each)	\$3.00	Water/Sewer Fund
Non-aerial copy of Property Owners parcel	N/C	Water/Sewer Fund
8.5" x 11" copy		