

**Fuquay-Varina Public Utilities Department Present**  
**Flowing Toward the Future**  
**A Five Year Plan**  
**2011 Update**

## Assumptions:

1. Old Assumption - Growth ranging from 250 new homes to 500 new homes over the 5-year planning period. New Assumption - add 240 homes annually.
2. Annual operational expense increases ranging from 3.88% to 3.28% increase over 5-year
3. Revenues are based on projected housing growth per year. No commercial growth was included in this forecast.

## Fund 061 – Enterprise Fund

### Revenues

<b>Fiscal Year</b>	<b>Year 0 10-11</b>	<b>Year 1 11-12</b>	<b>Year 2 12-13</b>	<b>Year 3 13-14</b>	<b>Year 4 14-15</b>	<b>Year 5 15-16</b>
New Homes	240	240	240	240	240	240
<b>Revenues</b>						
Water Fees	\$ 2,836,538	\$ 2,931,744	\$ 3,096,824	\$ 3,194,314	\$ 3,291,804	\$ 3,389,294
Sewer Fees	\$ 2,938,845	\$ 3,012,680	\$ 3,137,528	\$ 3,234,008	\$ 3,330,488	\$ 3,426,968
Miscellaneous Fees	\$ 262,786	\$ 298,640	\$ 296,010	\$ 298,479	\$ 301,021	\$ 303,640
Transfer from W&S Reserves (Fund 071)	\$ 292,500	\$ 487,500	\$ 487,500	\$ 362,500	\$ 187,500	\$ 287,500
<b>Subtotal</b>	<b>\$ 6,330,669</b>	<b>\$ 6,730,564</b>	<b>\$ 7,017,862</b>	<b>\$ 7,089,301</b>	<b>\$ 7,110,813</b>	<b>\$ 7,407,402</b>

**Fund 061 – Enterprise Fund  
W&S Operations**

<b>Fiscal Year</b>	<b>Year 0</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
Recorded Lots	<b>10-11</b>	<b>11-12</b>	<b>12-13</b>	<b>13-14</b>	<b>14-15</b>	<b>15-16</b>
	100	150	150	150	150	150
<b>Revenue</b>						
Water/Sewer Sales, Misc Fees	\$ 6,038,170	\$ 6,243,064	\$ 6,530,362	\$ 6,726,800	\$ 6,923,313	\$ 7,119,903
Transfer W/S Reserves (Fund 071)	\$ 292,500	\$ 487,500	\$ 487,500	\$ 362,500	\$ 187,500	\$ 287,500
<b>Total Revenue =</b>	<b>\$ 6,330,670</b>	<b>\$ 6,730,564</b>	<b>\$ 7,017,862</b>	<b>\$ 7,089,300</b>	<b>\$ 7,110,813</b>	<b>\$ 7,407,403</b>
<b>Expenditures</b>						
W & S Operations	\$ 3,969,284	\$ 4,065,158	\$ 4,366,603	\$ 4,480,370	\$ 4,572,505	\$ 4,893,156
Debt Service	\$ 2,401,223	\$ 2,485,406	\$ 2,456,027	\$ 2,412,402	\$ 2,372,309	\$ 2,251,250
Transfer to General Fund	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
<b>Total Expenditures =</b>	<b>\$ 6,550,507</b>	<b>\$ 6,730,564</b>	<b>\$ 7,002,630</b>	<b>\$ 7,072,772</b>	<b>\$ 7,124,814</b>	<b>\$ 7,324,406</b>
<b>difference =</b>	<b>(\$ 219,837)</b>	<b>\$ 0</b>	<b>\$ 15,232</b>	<b>\$ 16,528</b>	<b>(\$ 14,001)</b>	<b>\$ 82,997</b>

## Fund 061 – Enterprise Fund

### Expenditures

Fiscal Year	Year 0 10-11	Year 1 11-12	Year 2 12-13	Year 3 13-14	Year 4 14-15	Year 5 15-16
Recorded Lots	100	150	150	150	150	150
<b>Expenditures</b>						
Water Operations	\$ 2,037,021	\$ 2,185,980	\$ 2,241,046	\$ 2,306,604	\$ 2,394,555	\$ 2,510,981
Sewer Operations	\$ 1,572,950	\$ 1,835,360	\$ 1,890,557	\$ 1,928,766	\$ 1,982,950	\$ 2,087,175
Water Line						
Replacements	\$ 251,613	\$ 23,818	\$ 130,000	\$ 150,000	\$ 100,000	\$ 200,000
Sewer Line Rehab	\$ 20,000	\$ 20,000	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000
Transfer to						
General Fund	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
Transfer to Fund						
059	\$ 50,000	\$ 0	\$ 50,000			
<b>Subtotal</b>	<b>\$ 4,111,584</b>	<b>\$ 4,245,158</b>	<b>\$ 4,551,603</b>	<b>\$ 4,485,370</b>	<b>\$ 4,577,505</b>	<b>\$ 4,898,156</b>