

Solutions, Costs & Future Service

| Options | Upgrade Sewer in N. Main | New Sewer, Toms Creek | Deep Cell Lagoons at P.S. | Force Main Along Bypass |
|--|--|---|--|--|
| Design/ Construction | \$6 million | \$11.2 million | \$3.6 million | \$2-\$4 million |
| Land Acquisition | Not Estimated | \$175,000 | \$500,000 | \$ 60,000 |
| Other Costs * | \$50,000 | \$100,000 | Not Estimated | \$50,000 |
| Future Sand Filter Sites Service | +\$2.8-\$9.5m Design & constr. +\$1.3 m +/- land + Drip Disp. Costs | Not Required | \$2.8-\$9.5m Design & constr. \$1.3 m +/- land + Drip Disp. Costs | \$2.8-\$9.5m Design & constr. \$1.3 m +/- land + Drip Disp. Costs |
| Other Future Service Costs (Development) | Step/Steg Tank Pumps Collection System (lot to sand filter site) | Collection System (lot to sewer main) | Step/Steg Tank Pumps Collection System (lot to sand filter site) | Step/Steg Tank Pumps Collection System (lot to sand filter site) |



Other Costs (Related Costs- PER)

- Engineering – 9%
 - Substantially Complete for Phase I, PER Complete Phase II
- Inspection – 8%
 - Contract Inspection Required for Pump Station and Critical Sections (<\$100,000)
- Surveying – 2%
 - Substantially Complete for Phase I, Required for Phase II
- Legal – 1%
 - Staff Legal Services
- Land and Easements – 5%
 - Separately Estimated, see Chart
- Interest During Construction – 2%
 - Not required, based upon financing proposal



Assessment of Estimated Costs

- Same basis used for pipe options
- Estimate basis was a 2000 estimate for construction plans of Toms Creek Phase I by consultant engineer
- Estimate has been compared with recent bids, including one from April, 2003. Unit prices in estimate are **higher** than the bid prices received.
- Council may desire to hire a Cost Consultant to provide an estimate of probably construction cost.

Solutions, Sewer Rate Impact (Rev.)

| Options | Upgrade Sewer in N. Main | New Sewer, Toms Creek | Deep Cell Lagoons at P.S. | Force Main Along Bypass |
|---|--|--|--|--|
| Availability Fee Impact | No | Option – Raise Availability Fee to \$2500 | No | No |
| Current Sewer Rate (July 2003) Avg. Use: 6000 gal/month | \$3.22/ 1000 gallons | \$3.22/ 1000 gallons | \$3.22/ 1000 gallons | \$3.22/ 1000 gallons |
| Rate Impact (rev.) (Sewer Rate) | 6.2%, 9.1%, and 9.7% over 3 years | 5.9%, 8.8%, and 8.6% over 3 years | 4.7%, 6.5%, and 6.4% over 3 years | 4.7%, 6.5%, and 6.4% over 3 years |
| Average Increase Monthly Cost/ Home | \$1.20 in year 1 \$3.06 in year 2 \$5.22 in year 3 | \$1.14 in year 1 \$2.94 in year 2 \$4.74 in year 3 | \$0.90 in year 1 \$2.22 in year 2 \$3.60 in year 3 | \$0.90 in year 1 \$2.22 in year 2 \$3.60 in year 3 |