

**Capital Cost Comparison**

| <b>Cost Item</b>                      | <b>Cost for single communal system with water supply</b> | <b>Cost for single communal system without water supply</b> | <b>Cost for Distributed layout w communal water supply</b> | <b>Cost for Distributed layout without water supply</b> | <b>Cost for eleven homes using individual systems with no water supply</b> |
|---------------------------------------|--|---|--|---|--|
| Disposal Pipe                         | \$2,844.90   | \$2,844.90  | \$2,069.02   | \$2,069.02  | \$2,844.90   |
| Disposal Pipe installation trenching  | \$7,150.00   | \$7,150.00  | \$5,650.00   | \$5,650.00  | \$7,150.00   |
| Foundation                            | \$3,200.00   | \$2,900.00  | \$4,000.00   | \$4,000.00  | \$4,950.00   |
| Building or enclosure cost            | \$23,000.00  | \$21,000.00   | \$29,000.00  | \$29,000.00   | \$38,500.00  |
| Water Supply equipment                | \$12,500.00  | \$0.00  | \$12,500.00  | \$0.00  | \$0.00   |
| Water reclamation equipment           | \$69,056.00  | \$69,056.00   | \$150,700.00   | \$150,700.00  | \$179,696.00   |
| Service piping & sewage forcemains    | \$56,670.00  | \$50,442.00   | \$21,390.00  | \$3,800.00  | \$4,950.00   |
| Service piping installation/trenching | \$55,000.00  | \$55,000.00   | \$28,800.00  | \$3,800.00  | \$4,950.00   |
| Shipping                              | \$9,000.00   | \$8,000.00  | \$9,000.00   | \$9,000.00  | \$11,000.00  |
| Wastewater transfer pumps & vaults    | \$27,500.00  | \$27,500.00   | \$0.00   | \$0.00  | \$0.00   |
| Heating equipment                     | \$16,000.00  | \$8,000.00  | \$0.00   | \$0.00  | \$0.00   |
| Recirculation equipment               | \$7,150.00   | \$0.00  | \$0.00   | \$0.00  | \$0.00   |
| Interior plumbing (homes)             | \$13,750.00  | \$5,500.00  | \$2,950.00   | \$2,950.00  | \$2,750.00   |
| Electrical work (homes)               | \$4,250.00   | \$2,750.00  | \$9,600.00   | \$2,100.00  | \$2,750.00   |
| <b>Net Total</b>                      | <b>\$307,070.90</b>                                      | <b>\$260,142.90</b>   | <b>\$275,659.02</b>  | <b>\$213,069.02</b>                                     | <b>\$259,540.90</b>  |
| Contingency                           | \$30,707.09  | \$26,014.29   | \$27,565.90  | \$21,306.90   | \$25,954.09  |
| <b>Total</b>                          | <b>\$337,777.99</b>                                      | <b>\$286,157.19</b>   | <b>\$303,224.92</b>  | <b>\$234,375.92</b>                                     | <b>\$285,494.99</b>  |

**Operating costs, cost savings and revenue change summary**

| <b>Cost or revenue Item</b>           | <b>Cost for single communal system with communal water supply</b> | <b>Cost for single communal system with trucked water supply</b> | <b>Cost for Distributed layout with communal water supply</b> | <b>Cost for Distributed layout with trucked water supply</b> | <b>Cost for eleven private homes using individual systems with trucked water supply</b> |
|---------------------------------------|---|--|---|--|---|
| Municipal cost savings by reduced tr  | \$40,027.68   | \$37,338.46  | \$40,027.68   | \$37,338.46  | \$40,027.68   |
| Municipal operating expenses & testi  | \$14,760.17   | \$11,815.83  | \$7,444.34  | \$4,500.00   | \$4,500.00  |
| Municipal revenue loss from water bil | \$9,784.91  | \$9,784.91   | \$9,784.91  | \$9,784.91   | \$3,853.66  |
| <b>Municipal net saving</b>           | <b>\$15,482.60</b>  | <b>\$15,737.72</b>   | <b>\$22,798.44</b>  | <b>\$23,053.55</b>   | <b>\$31,674.02</b>  |
| Consumer cost savings on water bills  | \$9,784.91  | \$9,784.91   | \$9,784.91  | \$9,784.91   | \$3,853.66  |
| Consumer estimated operating exper    | \$2,015.27  | \$942.84   | \$4,918.62  | \$3,846.19   | \$3,846.19  |
| <b>Consumer net saving</b>            | <b>\$7,769.64</b>   | <b>\$8,842.07</b>  | <b>\$4,866.29</b>   | <b>\$5,938.72</b>  | <b>\$7.47</b>   |