



**Opinion of Probable Cost**

| NO.  | ITEM DESCRIPTION                                   | UNIT | QUANTITY | UNIT PRICE                               | CAPITAL COST          |
|--|--|------|----------|--|-----------------------|
| <b>STEP COLLECTION SYSTEM</b>                    |  |      |          |  |                       |
| 1  | STEP SYSTEM 1000 Gallon                            | EA   | 12       | \$8,000.00                               | \$96,000.00           |
| 2  | STEP SYSTEM 1500 Gallon                            | EA   | 12       | \$10,000.00                              | \$120,000.00          |
| 3  | LATERAL ASSEMBLY                                   | EA   | 24       | \$1,000.00                               | \$24,000.00           |
| 4  | RESIDENTIAL LIFT STATION                           | EA   | 5        | \$2,500.00                               | \$12,500.00           |
| 5  | 3" INSULATED FORCEMAIN PIPE (6' DEPTH)             | LF   | 1450     | \$30.00                                  | \$43,500.00           |
| 6  | 3" INSULATED FORCEMAIN PIPE (3' DEPTH)             | LF   | 810      | \$30.00                                  | \$24,300.00           |
| 7  | 1 1/2" PE FORCE MAIN (INSULATED 1'-2' DEPTH)       | LF   | 2100     | \$20.00                                  | \$42,000.00           |
| 8  | 3" HDPE FORCEMAIN                                  | LF   | 1550     | \$20.00                                  | \$31,000.00           |
| 9  | RESIDENTIAL LIFT STATION SERVICE PIPE (TRENCHED)   | LF   | 500      | \$10.00                                  | \$5,000.00            |
| 10   | 4" PVC GRAVITY SERVICE PIPE                        | LF   | 750      | \$18.00                                  | \$13,500.00           |
| 11   | 1 1/4" HDPE SERVICE (DIRECTIONALLY DRILLED - SOIL) | LF   | 840      | \$20.00                                  | \$16,800.00           |
| 12   | 1 1/4" HDPE SERVICE (DIRECTIONALLY DRILLED - ROCK) | LF   | 1125     | \$130.00                                 | \$146,250.00          |
| 13   | FORCE MAIN FLUSHING CONNECTION                     | EA   | 4        | \$1,200.00                               | \$4,800.00            |
| 14   | AIR RELEASE MANHOLE                                | EA   | 2        | \$5,000.00                               | \$10,000.00           |
| 15   | STREET RESTORATION - GRAVEL                        | CY   | 800      | \$30.00                                  | \$24,000.00           |
| 16   | ROCK EXCAVATION (STEP) (EV)                        | CY   | 825      | \$120.00                                 | \$99,000.00           |
| 17   | ROCK EXCAVATION (PIPE) (EV)                        | CY   | 450      | \$100.00                                 | \$45,000.00           |
| 18   | COMMON BORROW                                      | CY   | 2073     | \$8.00                                   | \$16,584.00           |
| 19   | EROSION CONTROL AND TURF RESTORATION               | LS   | 1        | \$20,000.00                              | \$20,000.00           |
| <b>WASTEWATER TREATMENT AND DISPERSAL SYSTEM</b> |  |      |          |  |                       |
| 20   | MOBILIZATION                                       | LS   | 1        | \$50,000.00                              | \$50,000.00           |
| 21   | CLEAR AND GRUB                                     | AC   | 2        | \$10,000.00                              | \$20,000.00           |
| 22   | PRECAST EQUALIZATION AND TREATMENT TANKS           | LS   | 1        | \$200,000.00                             | \$200,000.00          |
| 23   | AEROBIC TREATMENT AND NITROGEN REMOVAL EQUIP.      | LS   | 1        | \$320,000.00                             | \$320,000.00          |
| 24   | CHEMICAL AND CONTROL BUILDING                      | EA   | 1        | \$25,000.00                              | \$25,000.00           |
| 25   | ROCK EXCAVATION FOR TREATMENT TANKS                | CY   | 500      | \$120.00                                 | \$60,000.00           |
| 26   | ACCESS ROAD AND PARKING AREA - GRAVEL              | CY   | 200      | \$30.00                                  | \$6,000.00            |
| 27   | FLOW METERING MANHOLE - INCLUDES METER             | EA   | 1        | \$12,000.00                              | \$12,000.00           |
| 28   | SITE FENCING - 6-FOOT CHAIN LINK                   | LF   | 500      | \$25.00                                  | \$12,500.00           |
| 29   | SITE ELECTRICAL SERVICE                            | LS   | 1        | \$5,000.00                               | \$5,000.00            |
| 30   | 3" INSULATED DISTRIBUTION FORCEMAIN - 3' DEPTH     | LF   | 2650     | \$30.00                                  | \$79,500.00           |
| 31   | 2" DISTRIBUTION PIPING                             | LF   | 2250     | \$8.00                                   | \$18,000.00           |
| 32   | MOUND DISTRIBUTION CHAMBERS                        | EA   | 225      | \$28.00                                  | \$6,300.00            |
| 33   | GRANULAR BORROW - MOUNDS                           | CY   | 3500     | \$18.00                                  | \$63,000.00           |
| 34   | TOPSOIL BORROW - MOUNDS                            | CY   | 1000     | \$15.00                                  | \$15,000.00           |
| 35   | EROSION CONTROL AND TURF ESTABLISHMENT             | SY   | 9000     | \$2.50                                   | \$22,500.00           |
|  |  |      |          | <b>Subtotal</b>                          | <b>\$1,709,100.00</b> |
|  |  |      |          | <b>Contingency (10%):</b>                | <b>\$171,000.00</b>   |
|  |  |      |          | <b>Engineering (Design, Bidding):</b>    | <b>\$248,000.00</b>   |
|  |  |      |          | <b>Engineering (Construction Admin):</b> | <b>\$170,000.00</b>   |
|  |  |      |          | <b>Legal and Administrative (2%):</b>    | <b>\$34,000.00</b>    |
|  |  |      |          | <b>Bonding and Insurance (2%):</b>       | <b>\$34,000.00</b>    |
|  |  |      |          | <b>TOTAL:</b>                            | <b>\$2,366,100.00</b> |

NOTE: LAND ACQUISITION COSTS NOT INCLUDED