

## ENGINEER'S ESTIMATE FOR PARAGON STAR - OFF-SITE WATER

| <i>Item No.</i> | <i>Description</i>                 | <i>Unit</i> | <i>Approx.<br/>Unit<br/>Quantity</i> | <i>Unit Price</i> | <i>Unit Total</i>     |
|-----------------|------------------------------------|-------------|--------------------------------------|-------------------|-----------------------|
| 1               | 12" C900, Class 235 PVC            | LF          | 2,500                                | \$125.00          | \$312,500.00          |
| 2               | 12" C900, Class 305 PVC            | LF          | 2,722                                | \$145.00          | \$394,690.00          |
| 3               | 8" C900, Class 235 PVC             | LF          | 275                                  | \$100.00          | \$27,500.00           |
| 4               | Fire Hydrant Assembly              | EA          | 11                                   | \$3,500.00        | \$38,500.00           |
| 5               | Straddle Block                     | EA          | 6                                    | \$2,000.00        | \$12,000.00           |
| 6               | Air Release Valve                  | EA          | 3                                    | \$3,000.00        | \$9,000.00            |
| 7               | 12" Butterfly Valve                | EA          | 13                                   | \$850.00          | \$11,050.00           |
| 8               | 8" Gate Valve                      | EA          | 2                                    | \$800.00          | \$1,600.00            |
| 9               | Tees                               | EA          | 8                                    | \$150.00          | \$1,200.00            |
| 10              | Plugs                              | EA          | 5                                    | \$100.00          | \$500.00              |
| 11              | Horizontal Bends                   | EA          | 30                                   | \$130.00          | \$3,900.00            |
| 12              | Vertical Bends                     | EA          | 24                                   | \$130.00          | \$3,120.00            |
| 13              | Reducers                           | EA          | 4                                    | \$250.00          | \$1,000.00            |
| 14              | Connections to Existing Waterlines | EA          | 4                                    | \$1,000.00        | \$4,000.00            |
| 15              | Backflow Preventer Vault           | EA          | 1                                    | \$5,000.00        | \$5,000.00            |
| 16              | 20" Steel Casing Pipe              | LF          | 400                                  | \$700.00          | \$280,000.00          |
| 17              | Chipman Rd Patching                | LS          | 1                                    | \$10,000.00       | \$10,000.00           |
| 18              | Cedar Creek Ln Patching            | LS          | 1                                    | \$7,500.00        | \$7,500.00            |
| 19              | 18" HDPE Pipe                      | LF          | 71                                   | \$60.00           | \$4,260.00            |
| 20              | 18" End Section w/Toewall          | EA          | 2                                    | \$1,500.00        | \$3,000.00            |
| 21              | Riprap                             | SY          | 34                                   | \$60.00           | \$2,040.00            |
| 22              | Restoration                        | AC          | 5                                    | \$2,500.00        | \$11,350.00           |
| 23              | Cut                                | CY          | 69                                   | \$8.00            | \$552.00              |
| 24              | Fill                               | CY          | 217                                  | \$1.50            | \$325.50              |
| 25              | Gravel                             | SY          | 3,000                                | \$9.00            | \$27,000.00           |
| 26              | Erosion Control                    | LS          | 1                                    | \$15,000.00       | \$15,000.00           |
|                 |                                    |             |                                      |                   |                       |
|                 | <b>Total Cost</b>                  |             |                                      |                   | <b>\$1,186,587.50</b> |

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