

Town of Waitsfield ~ Waitsfield Town Pond: Opinion of Probable Construction Cost

11/21/2008

| Item | Storage and Treatment Improvements | Quantity | Unit | Unit Cost | Cost | Remarks |
|-------------|--|-----------------|-------------|---|-------------|---|
| 1 | Mobilization, De-Mob, Site Prep | 1 | lump sum | \$6,000 | \$6,000 | 10%+/- of construction subtotal |
| 2 | Control of Water and Erosion Control (incl. stabilized const entrance) | 1 | lump sum | \$5,000 | \$5,000 | Engineer's estimate |
| 3 | Excavation of earthen embankment | 700 | cubic yard | \$10 | \$7,000 | Engineer's estimate |
| 4 | Backfilling and replacing embankment material | 765 | cubic yard | \$20 | \$15,300 | Engineer's estimate |
| 5 | Toe Drain Material | 50 | cubic yard | \$40 | \$2,000 | Engineer's estimate |
| 6 | Stone Fill VT Type I (12" minus) | 75 | cubic yard | \$50 | \$3,750 | Engineer's estimate |
| 7 | Stone Path Material (Stay Mat) | 18 | cubic yard | \$35 | \$630 | Engineer's estimate |
| 8 | Top Soil | 30 | cubic yard | \$50 | \$1,500 | Engineer's estimate |
| 9 | Seeding and Mulching | 0.2 | acre | \$2,000 | \$400 | Engineer's estimate |
| 10 | Geotextile Separator Fabric | 120 | square yard | \$3 | \$360 | EJPrescott Materials cost \$1.72/sy, 10/21/08 Quote |
| 11 | 60" Manhole (7' base, 3.5' riser) incl placement | 1 | lump sum | \$4,000 | \$4,000 | Devel. From Bid tabs and ENR cost data Confirmed w/ quote from STGriswold |
| 12 | 36" RCP Class III | 74 | linear foot | \$150 | \$11,100 | Devel. From Bid tabs and ENR cost data Confirmed w/ quote from STGriswold |
| 13 | 6" HDPE DR17 Fuse Pipe | 20 | linear foot | \$15 | \$300 | EJPrescott Materials cost \$8.69/lf, 10/21/08 Quot, double to include installation |
| 14 | 6" HDPE Flange Adapters | 2 | each | \$50 | \$100 | EJPrescott Materials cost \$47.73/ea, 10/21/08 Quote |
| 15 | 6" ASAHI Gate Valve | 1 | each | \$1,500 | \$1,500 | Asahi cost \$1212, 10/21/08 Quote |
| 16 | Pyramid Trash Rack | 1 | each | \$2,500 | \$2,500 | Plastic Solutions costs (\$1948) |
| 17 | Valve Box incl. Base, top and cover, 8ft of 5 1/2" dia. | 1 | each | \$300 | \$300 | EJPrescott Materials cost \$115.21 base, \$92.66 top, \$20.36 cover, 10/21/08 Quote |
| 18 | Concrete Pipe Cradle | 20 | cubic yard | \$115 | \$2,300 | 25 ft. ,long, 5 ft. wide, 4 ft. high, RS Means adjusted for Montpelier, VT |
| | | | | | | |
| 19 | | | | Construction Subtotal | \$64,040 | |
| 20 | Contingency (15%, applied to construction only) | | | | \$9,606 | |
| 21 | | | | Construction Subtotal with Contingency | \$73,646 | |

Range of Probable Construction Costs \$65 to 75K