

Dry Hydrant Rehab & Upgrade Project #1 (Cardin Pond)

Project Description

- * Dewater pond using portable pump.
- * Dredge pond out completely to an average depth of 8 feet, putting dredged material around berm of pond.
- * Install 4" PVC schedule 35 pipe in two areas to allow drainage from adjacent wet area to help recharge pond.
- * Cut existing 8" PVC schedule 40 pipe where it enters pond and install two 8" 45 degree elbows and 5' of 8" PVC schedule 40 pipe to allow the horizontal strainer to be near the bottom of the pond.
- * Remove existing hydrant adapter head and elbow and replace with new 6" adapter head and elbow.
- * Smooth out dredged material around the berm and apply grass seed and mulch hay to the affected areas.
- * Paint new adapter head and elbow and repaint all other exposed piping and barrier columns.
- * Allow pond to recharge.
- * Have Groveton F.D. come with engine to backflush and test dry hydrant system.

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Estimate of Materials, Labor & Equipment Costs

Item #	Description	Number	Unit	Unit \$	Total \$
1.	6" PVC female dry hydrant adapter x 6" NST w/plug and elbow (DHF611)	1	Ea	\$300.00	\$300.00
2.	8" schedule 40 PVC pipe	5	Lf	\$ 12.00	\$ 60.00
3.	8" schedule 40 PVC 45 degree elbow	2	Ea	\$100.00	\$200.00
4.	4" schedule 35 PVC pipe	40	Lf	\$ 2.50	\$100.00
5.	PVC glue (800-1000 centipoise viscosity)	1	Qt	\$ 15.00	\$ 15.00
6.	PVC cleaner (THF)	1	Qt	\$ 18.00	\$ 18.00
7.	Excavator & Operator	8	Hr	\$ 95.00	\$760.00
8.	Bulldozer & Operator	4	Hr	\$ 75.00	\$300.00
9.	Grass seed	25	Lb	\$ 2.50	\$ 62.50
10.	Red paint (16 oz. can epoxy)	2	Ea	\$ 8.98	\$ 17.96
11.	Mulch hay (bales)	15	Ea	\$ 4.00	\$ 60.00
12.	Labor	40	Hr	\$ 15.00	\$600.00

Estimated Grand Total (Materials, Labor & Equipment Costs)	\$2493.46
Grant amount = 75% of total cost up to \$4,000 =	\$1870.10
Town share = 25% local match =	\$ 623.36