

PD&EA - Office of Natural Environment
Preliminary Estimate

Description and Location: Back Creek Stream Restoration and Enhancement

TIP: R-2559WM
Project: 6.699005T

County: Mecklenburg
WBS #: 34464

Division: 10

QUANTITIES	Quantity	Unit	Unit Price	Total
Construction Surveying	1	LS	\$15,000.00	\$ 15,000.00
Grading	1	LS	\$70,000.00	\$ 70,000.00
Fence Removal and Disposal	700	LF	\$10.00	\$ 7,000.00
Woven Wire Fence, 48" Fabric	9,200	LF	\$2.00	\$ 18,400.00
4-Strand Barbed Wire Fence	850	LF	\$5.00	\$ 4,250.00
4" Timber Fence Posts, 7'6" Long	900	EA	\$12.60	\$ 11,340.00
Filter Fabric for Drainage	3,900	SY	\$3.00	\$ 11,700.00
Temporary Silt Fence	1,000	LF	\$3.00	\$ 3,000.00
Stone for Erosion Control, Class A	50	TON	\$50.00	\$ 2,500.00
Stone for Erosion Control, Class B	500.0	TON	\$50.00	\$ 25,000.00
Sediment Control Stone	275	TON	\$50.00	\$ 13,750.00
Temporary Mulching	27	ACR	\$550.00	\$ 14,850.00
Seed for Temporary Seeding	1,000	LB	\$3.50	\$ 3,500.00
Fertilizer for Temporary Seeding	4	TON	\$560.00	\$ 2,240.00
Seeding and Mulching	20.00	ACR	\$1,500.00	\$ 30,000.00
Seed for Repair Seeding	250	LB	\$7.00	\$ 1,750.00
Fertilizer for Repair Seeding	0.75	TON	\$820.00	\$ 615.00
Seed for Supplemental Seeding	650	LB	\$4.00	\$ 2,600.00
Fertilizer Topdressing	19.25	TON	\$325.00	\$ 6,256.25
Special Stilling Basin	4.00	EA	\$300.00	\$ 1,200.00
Temporary Stream Diversion	1	LS	\$15,000.00	\$ 15,000.00
Channel Substrate Material	1,550	TON	\$50.00	\$ 77,500.00
Coir Fiber Matting	15,400	SY	\$5.00	\$ 77,000.00
Boulder, Header	1,350	TON	\$65.00	\$ 87,750.00
Boulder, Footer	1,350	TON	\$65.00	\$ 87,750.00
Rip-Rap, Class B	425	TON	\$35.00	\$ 14,875.00
Rip-Rap, Class A	50	TON	\$35.00	\$ 1,750.00
#57 Stone	650	TON	\$50.00	\$ 32,500.00
Aggregate Base Course	150	TON	\$15.00	\$ 2,250.00
Impervious Select Material	800	CY	\$10.00	\$ 8,000.00
Disking	20	ACR	\$10.00	\$ 200.00
Reforestation	20	ACR	\$1,500.00	\$ 30,000.00
Double Gates, 48" High, 10' Wide	4	EA	\$500.00	\$ 2,000.00
Sign Erection	50	EA	\$75.00	\$ 3,750.00
			Subtotal	\$ 685,276.25
Misc & Mobilization (20%)	1	LS		\$ 137,055.25

Contract Cost	\$	822,331.50
E.&C. (10%)	\$	82,233.15
Construction Cost	\$	904,564.65
SAY	\$	905,000.00