

Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: CoB - Waters Edge West

Project #: 2009-111

Completed: Apr-09

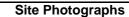
Narrative Description of Project:

Hand cleared perimeter of pond. Installed 40 L.F. of outfall pipe and (1) catch basin. Reinstalled 8 L.F. of outfall pipe and reconstructed pond. Installed rip rap, straw mat, sod , and hydroseeded for erosion control.

Material Cost, Rental Equipment Summary, and Labor
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Material	Unit	Cost/Unit	Qty	Cost	
18" HDPE Pipe	linear feet		40.0	\$348.40	
3x3 Catch Basin	linear feet	-	1.0	\$667.04	
Fill Dirt	tons	\$1.00	129.9	\$129.91	
Rip Rap	tons	\$49.22	3.7	\$183.59	During
Silt Fence	sy	\$0.49	7.8	\$3.81	Duning
Silt Fence w/ Stakes	sy	\$0.78	3.9	\$3.03	
Filter Blanket	sy	\$0.48	27.8	\$13.33	
Turf Staples	each	\$0.03	60.0	\$1.80	
Concrete Bricks	each	\$0.33	10.0	\$3.30	
Type "S" Cement	bag	\$9.35	3.0	\$28.05	
PVC Accessories	bag	ψ0.00	0.0	\$98.62	
All Purpose Sand	bag	\$3.80	3.0	\$11.40	
10-10-10 Fertilizer	bag	\$12.83	2.0	\$25.66	
Hydrogel	cup	\$2.82	2.0	¢20.00 \$5.64	
Hydromulch	bale	\$2.54	4.0	\$10.16	
Hydromax Liquid Fertilizer	cup	\$2.54	2.0	\$5.08	
Pennington Green Seed	bag	\$112.35	2.0	\$224.70	
Water	gallon	\$0.01	1,000	\$10.00	After
Centipede Sod	pallet	\$76.25	4.0	\$305.00	7 11 101
Centipede Sod	pallet	¢: 0:20	2.0	No Charge	
Straw Mat	roll	\$45.48	3.5	\$159.18	
4ft Flagger	each	\$0.06	4.0	\$0.24	
Flagging Tape	roll	\$1.34	1.0	\$1.34	
Cutting and Coring Service		• ••••		\$700.00	
Lawn Roller Rental				\$47.08	
Gas	gallon	\$1.84	62.0	\$114.08	
Diesel	gallon	\$1.87	165.0	\$308.55	

Before









Project #: 2009-111				
Material Cost, Rental Ec	uipment Su	ummary, an	d Labo	r
Labor			378.0	\$13,206.65
Total Cost of Materials, R	ental Equip	., and Labo	r	16,615.66
Equipment Cost				
	Asset	Cost/Hou	Hrs.	Cost
Equipment Cost Item	Asset 23000	Cost/Hou		
Note: Labor cost includes th Equipment Cost Item Komatsu Mini Excavator Bobcat T300		Cost/Hou		\$149.20
Equipment Cost Item Komatsu Mini Excavator	23000	Cost/Hou \$18.65	8.0	Cost \$149.20 \$261.30 \$59.50
Equipment Cost Item Komatsu Mini Excavator Bobcat T300	23000 22847	Cost/Hou \$18.65 \$20.10	8.0 13.0	\$149.20 \$261.30
Equipment Cost Item Komatsu Mini Excavator Bobcat T300 John Deere Loader 444J Hydroseeder	23000 22847 23271	Cost/Hou \$18.65 \$20.10 \$29.75	8.0 13.0 2.0	\$149.20 \$261.30 \$59.50
Equipment Cost Item Komatsu Mini Excavator Bobcat T300 John Deere Loader 444J	23000 22847 23271	Cost/Hou \$18.65 \$20.10 \$29.75 \$10.70	8.0 13.0 2.0 1.0	\$149.20 \$261.30 \$59.50 \$10.70

Cost/hour excludes fuel cost.

Total Cost:

18,557.91

Site Photographs





After

Before

During



Installed rip rap for erosion control.

Installed (1) catch basin and 40 L.F. of outfall pipe.

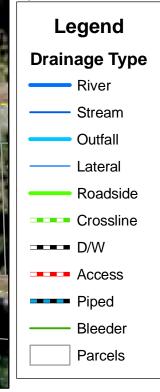
Reinstalled 8 L.F. of outfall pipe and installed rip rap for erosion control. Project: CoB-Waters Edge West (Reimbursement)

Activity: Ditch Maintenance

Project #: 2009-111

Township: City of Beaufort

Completed: April 2009



0 20 40 80 120 160 Feet

1 inch equals 80.94 feet

Reconstructed perimeter of pond. Installed rip rap, straw mat, sod and hydroseeded

for erosion control.

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