



## Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Royal Pines Outfall - Sams Point Road

Project #: 2010-112

Completed: Feb-10

### Narrative Description of Project:

Project improved 1,460 L.F. of drainage system. Bush hogged 688 L.F. of outfall ditch and workshelf. Cleaned out 1,460 L.F. of outfall ditch. Hydroseeded for erosion control.

### Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	79.5	\$79.54
10-10-10 Fertilizer	bag	\$11.72	4.0	\$46.88
Hydromulch	bale	\$12.22	8.0	\$97.76
Hydrogel	cup	\$2.82	4.0	\$11.28
Hydomax Liquid Fertilizer	cup	\$2.54	4.0	10.16
Annual Rye Grass Seed	bag	\$19.21	4.0	\$76.84
Water	gallon	\$0.01	2,000	\$20.00
4ft Flagger	each	\$0.34	5.0	\$1.70
Flagging Tape	roll	\$1.87	0.15	\$0.28
Pin Flag	each	\$0.06	16.0	\$0.96
Gas	gallon	\$2.44	28.0	\$68.32
Diesel	gallon	\$2.43	510.0	\$1,239.30
Labor	hours		514.0	\$17,844.85
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$19,497.87</b>

Note: Labor cost includes the employee's salary plus fringe benefits.

### Equipment Cost

Item	Asset No.	Cost/Hou	Hrs.	Cost
CAT 325 Excavator	16649	\$22.51	24.0	\$540.24
Volvo 290 Excavator	22870	\$49.56	5.0	\$247.80
Volvo 330 Excavator	22993	\$55.52	1.0	\$55.52
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Bobcat T300	22847	\$20.10	10.0	\$201.00
Bobcat T320	23388	\$21.00	1.0	\$21.00
Bush Hog	23362	\$42.37	6.0	\$254.22

### Site Photographs

Before



During



After



**Royal Pines Outfall - Sams Point Road Project Summary Con't**

Project #: 2010-112

**Equipment Cost**

Item	Asset No.	Cost/Hou	Hrs.	Cost
Lowboy	23118	\$34.64	8.0	\$277.12
Hydroseeder	18909	\$7.35	3.0	\$22.05
Dump Trucks		\$16.68	109.5	\$1,826.46
Pickup Trucks		\$4.17	122.0	\$508.74
<b>Total Equipment Cost</b>				<b>\$3,983.90</b>

Cost/hour excludes fuel cost.

Total Cost: \$23,481.77

**Site Photographs**

Before



During



After





Project: Royal  
Pines Outfall -  
Sam's Point Road

Activity: Drainage  
Maintenance

Project #:  
2010-112

Township: Lady's  
Island

Completed:  
February 2010

**Legend**

**Drainage Type**

- River
- Stream
- Outfall
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Crossline
- D/W
- Access
- Piped
- Bleeder
- Parcels

Bush hogged 688 LF  
of outfall ditch.

Cleaned out 1,460 LF of outfall  
ditch and hydroseeded for  
erosion control.



0 75 150 300 450 600 Feet

1 inch equals 214 feet