



**Beaufort County Public Works
Stormwater Infrastructure
Project Summary**

Project Summary: Royal Pines Subdivision - Pickens Street and Jasper Lane

Project #: 2009-119 Completed: Apr-10

Narrative Description of Project:
Project improved 1,700 L.F. of drainage system. Cleaned out 1,700 L.F. of outfall ditch. Installed (1) bleeder pipe. Jetted (1) crossline pipe and (1) access pipe. Repaired washout.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
12" HDPE Pipe	linear feet	\$4.86	20.0	\$97.20
Fill Dirt	ton	\$1.00	26.5	\$26.51
FLBC	ton	\$26.55	3.4	\$89.21
Silt Fence w/Stakes	sy	\$0.49	1.9	\$0.95
Turf Staples	each	\$0.03	15.0	\$0.45
Pin Flags	each	\$0.06	15.0	\$0.90
Water	gallon	\$0.01	200.0	\$2.00
Diesel	gallon	\$2.70	161.6	\$436.32
Gas	gallon	\$2.67	6.0	\$16.02
Labor	hours		235.0	\$7,805.14
Total Cost of Materials, Rental Equip., and Labor				\$8,474.70

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	20.0	\$373.00
JD Loader 444J	23271	\$29.75	2.0	\$59.50
JCB Backhoe	22810	\$36.50	1.0	\$36.50
Bobcat T300	22847	\$20.10	2.0	\$40.20
Vacuum Truck	22812	\$20.30	2.0	\$40.60
Dump Trucks		\$16.68	52.0	\$867.36
Pickup Trucks		\$4.17	61.0	\$254.37
Total Equipment Cost				\$1,671.53

Cost/hour excludes fuel cost.

Total Cost: \$10,146.23

Site Photographs

Before



During



After



Project: Royal Pines Subdivision
Pickens Street

Activity: Drainage Maintenance














Project #:
2009-119

Township: Lady's Island

Completed:
April 2010

Legend

Drainage Type

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

Cleaned out 636
LF of outfall ditch.

Cleaned out 330
LF of outfall ditch.



1 inch equals 137 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/5/10

File: C:/sethdata/projects/projectmaps/RP Pickens St 2009-119

Project: Royal Pines Subdivision
Jasper Lane

Activity: Drainage
Maintenance














Project #:
2009-119

Township: Lady's
Island

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Legend

Drainage Type

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

Cleaned out 734
LF of outfall ditch.

Jetted (1) access pipe
and (1) crossline pipe.

Installed (1)
bleeder pipe.



1 inch equals 164 feet