



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

Project Summary: St. Helena Island Drop Off Center

Project #: 2009-163

Completed: Dec-09

**Narrative Description of Project:**

Cleaned out retention pond. Hydroseeded around pond for erosion control.

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

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	21.2	\$21.21
10-10-10 Fertilizer	bag	\$11.72	0.5	\$5.86
Hydrogel	cup	\$2.82	0.5	\$1.41
hydromulch	bale	\$12.22	1.0	\$12.22
Hydromax Liquid Fertilizer	cup	\$2.54	0.5	\$1.27
Annual Rye Grass Seed	bag	\$19.21	0.5	\$9.61
Water	gallon	\$0.01	1,000	\$10.00
Diesel	gallon	\$2.41	97.0	\$233.77
Gas	gallon	\$2.40	22.5	\$54.00
Labor	hours		144.0	\$4,979.33
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$5,328.68</b>

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

**Equipment Cost**

Item	Asset	Cost/Hour	Hrs.	Cost
CAT 325 Excavator	16649	\$22.51	3.0	\$67.53
Komatsu Mini Excavator	23000	\$18.65	3.0	\$55.95
JCB Backhoe	22810	\$36.50	1.0	\$36.50
Bobcat T300	22847	\$20.10	2.0	\$40.20
Lowboy	23118	\$34.64	2.0	\$69.28
Vacuum Truck	22812	\$20.30	3.0	\$60.90
Hydroseeder	18909	\$7.35	2.5	\$18.38
Dump Trucks		\$16.68	26.5	\$442.02
Pickup Trucks		\$4.17	31.0	\$129.27
<b>Total Equipment Cost</b>				<b>\$920.03</b>

Cost/hour excludes fuel cost.

Total Cost: \$6,248.70

**Site Photographs**

Before



During



After





Project: St. Helena  
Drop Off Center

Activity: Drainage  
Maintenance













Project #:  
2009-163

Township: St.  
Helena Island

Completed:  
December 2009

### Legend

#### Drainage Type

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

Cleaned out retention pond.  
Hydroseeded around pond  
for erosion control.

BIRD FOOT RD

SEA ISLAND PKY

0 50 100 200 300 400  
Feet

1 inch equals 178.12 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/22/10

File: C:\sethdata\project\projectmap\St Helena Drop off Center 2009-163