



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Backache Acres Pond

Narrative Description of Project:

Completion: Feb-12

Installed a temporary turbidity fence, sediment bag, sediment dike for water quality. Installed (1) outfall structure, (1) flapgate, (3) access pipes and 64 L.F. of overflow pipe. Reconstructed pond and constructed (2) forebays, (2) check dams and rip rap for erosion control. Reinstalled (1) dry hydrant and hydroseeded for erosion control.

2011-045B / Backache Acres Pond	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AD / Add Dirt	20.0	\$448.52	\$105.36	\$58.56	\$0.00	\$0.00	\$612.44
APINS / Access pipe - installed	80.0	\$1,867.99	\$425.84	\$888.03	\$0.00	\$0.00	\$3,181.86
AUDIT / Audit Project	10.0	\$204.80	\$0.00	\$0.00	\$0.00	\$0.00	\$204.80
CLJS / Cleaned up jobsite	70.0	\$1,630.34	\$207.66	\$3,383.30	\$0.00	\$0.00	\$5,221.30
ERCON / Erosion control	4.0	\$81.92	\$35.91	\$21.45	\$0.00	\$0.00	\$139.28
EXRENT / Excavator Rental	0.0	\$0.00	\$0.00	\$0.00	\$9,642.50	\$0.00	\$9,642.50
HAUL / Hauling	1,002.5	\$21,444.62	\$13,143.08	\$19,421.96	\$0.00	\$0.00	\$54,009.66
HYDR / Hydroseeding	60.0	\$1,356.80	\$537.86	\$726.76	\$0.00	\$0.00	\$2,621.42
LM / Loading Materials	276.0	\$6,667.17	\$6,516.93	\$2,239.27	\$0.00	\$0.00	\$15,423.37
LR / Level Road	94.0	\$2,127.45	\$983.49	\$478.01	\$0.00	\$0.00	\$3,588.95
NONPRO / Non-Professional Services	0.0	\$0.00	\$0.00	\$0.00	\$82,308.75	\$0.00	\$82,308.75
OFPI / Outfall Pipe - Installation	271.0	\$6,256.34	\$1,706.46	\$7,301.21	\$0.00	\$0.00	\$15,264.01
PCAM / Pole Camera System	2.0	\$46.56	\$8.14	\$6.60	\$0.00	\$0.00	\$61.30
PDREC / Ponds - reconstructed	608.5	\$14,196.69	\$6,373.56	\$3,984.72	\$0.00	\$0.00	\$24,554.97
PL / Project Layout	25.0	\$549.27	\$65.12	\$27.95	\$0.00	\$0.00	\$642.34
PS / Push up soil	28.5	\$600.73	\$1,300.85	\$237.68	\$0.00	\$0.00	\$2,139.25
PTS / Portable Toilet Service	0.0	\$0.00	\$0.00	\$0.00	\$235.53	\$0.00	\$235.53
RMTR / Remove trees-roads	8.0	\$198.33	\$71.53	\$17.70	\$0.00	\$0.00	\$287.56
SC / Sediment Control	172.5	\$4,108.23	\$2,656.06	\$1,426.52	\$2,264.00	\$0.00	\$10,454.82
STAGING / Staging Materials	31.0	\$659.81	\$52.66	\$145.31	\$0.00	\$0.00	\$857.78
WCTL / Weir Control	30.0	\$703.15	\$56.98	\$71.56	\$0.00	\$0.00	\$831.69
WSGRB / Workshelf - Grubbed	26.0	\$621.04	\$142.54	\$41.90	\$0.00	\$0.00	\$805.48
Indirect Labor, Services and Supplies	0.0	\$0.00	\$0.00	\$0.00	\$0.00	\$44,406.40	\$44,406.40
2011-045B / Backache Acres Pond Sub Total	2,819.0	\$63,769.75	\$34,390.03	\$40,478.48	\$94,450.78	\$44,406.40	\$277,495.44
Grand Total	2,819.00	\$63,769.75	\$34,390.03	\$40,478.48	\$94,450.78	\$44,406.40	\$277,495.44

Before



During



After



Project: Backache
Acres Pond
Map B

Activity: Water
Quality Control

Project #:
2011-045B

Township:
Sheldon

Completed:
February 2012



Installed turbidity barrier temporarily for water quality.

Installed (1) flap gate, (1) outfall structure and 64LF of overflow pipe.

Reinstalled dry hydrant.

Reconstructed pond.

Constructed (2) forebays and (2) check dams.

BACKACHE ACRES

Installed temporary sediment bag and sediment dike for water quality.

Legend

Drainage Type

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

0 30 60 120 180 240
Feet

1 inch = 77 feet

Prepared By: BC Stormwater Management Utility

Date Print: 2/29/12

File: C:/sethdata/projects/projectmaps/Backache acres 11-045A mapB