COUNTY DEPARTMENT AGENDA REQUEST

Department:	Animal Control	Presenter(s):	M. Allen McCullough
Meeting Date:	Thursday, July 23, 2009	Type of Request:	Consent

Wording for the Agenda:

Approval of staff's request for funding from the Contingency Fund to install dosing tank and new drain field line that will connect to the existing septic tank at the Animal Shelter at a cost of approximately $5,500.

Background/History/Details:

The septic system at the Animal Shelter has failed and a new dosing tank and drain field line that will connect to the existing septic tank is required as a result of this failure. The ground area involved is saturated to the point that it is running above ground. The original septic system was installed many years ago in bad soil. The old system will now be vacated and allowed to dry out for location of a future back up system. The project cost is approximately $5,500 with the County's Building and Grounds Maintenance Department providing electrical installation at a cost of $300. The Purchasing Department received three quotes for the Animal Shelter New Drain Field Line and has recommended the lowest quote from Long's Backhoe and grading in the amount of $5,200.

Included in the backup information are the requirements for the new drain field line, the on-site Septic Construction Permit and the Pricing Sheets for the three submitted quotes

What action are you seeking from the Board of Commissioners?

Approval to use funds from FY 2010 contingency.

If this item requires funding, please describe:

Has this issue come before the Commissioners in the past?	No	If so, when?	
Do you need audio-visual for the presentation?		Back-up Material Submitted?	Yes

STAFF USE ONLY

Approved by Finance	Yes	Reviewed by Legal	Yes
Approved by Purchasing	Yes	Approved by County Clerk	Yes
Administrator's Approval	Yes		

Staff Notes:

REQUIREMENTS FOR ANIMAL SHELTER
NEW DRAIN FIELD LINE

- Install dosing tank , new drain field line and connect it to the existing septic tank at the Animal Shelter (1262 Hwy. 74S in Peachtree City, Ga. 30269). Drain field line shall be installed according to the specifications indicated on the Septic Construction Permit. (Copy provided)

- Successful company/contractor shall coordinate time line of installation with the County Representative to insure completion within a reasonable time line, not to exceed two weeks after start of project.

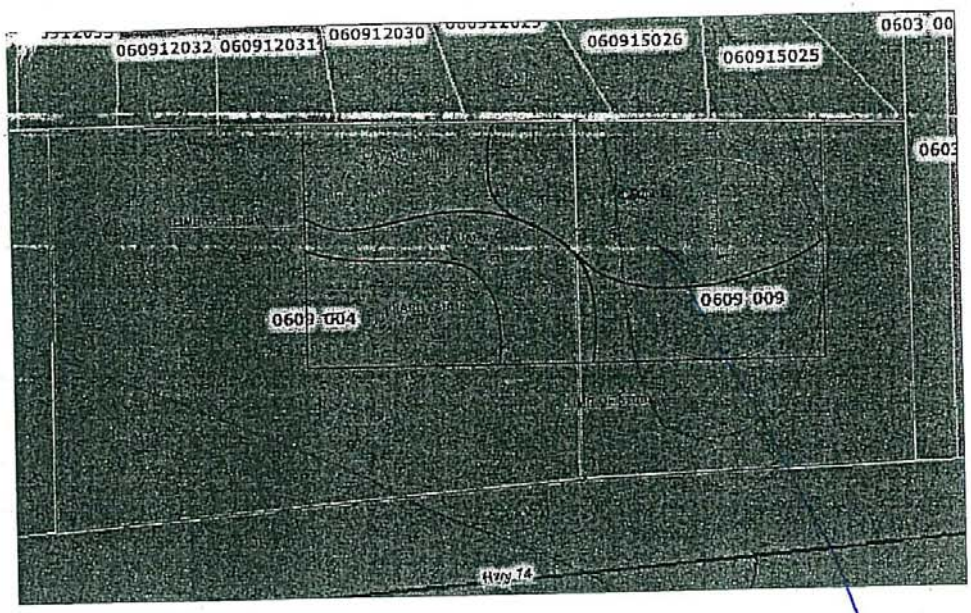
- Successful company/contractor shall be responsible for the Erosion control in accordance with County Codes.

- See comments on the Septic Construction Permit marked Important.

- Successful company/contractor shall be responsible for all clean up of disturbed area of existing septic system and new drain field, including raking and removal of rocks, roots or other foreign material larger than 1" in diameter.

- All respondents submitting a bid on this job is required to be at the pre-bid meeting.

- Successful company/contractor shall be responsible for seed and straw in disturbed area. (Fescue)



Cecil

SOIL INTERPRETIVE DATA

Soil Units	Depth to Bedrock (in)	Depth to Seasonal High Water Table (in)	Slope Gradient (percent)	Recommended Trench Depth (in)	Estimated Perc Rate (min/in)	Recommended Hydraulic Loading Rate (gal/day/sq.ft.)	Soil Suit. Code
Cataula II	>72	30-42 (PWT)	6-12	12-16	65	0.10	C1
Cataula III	>72	30-42** (PWT)	3-12	48-72,	70	NA	O1
Cecil	>72	>72	2-10	36-60	60	NA	A1
Hard Labor	>72	30-36	2-6	12-16	65	0.10	C1

**INDICATES DEPTH TO TOP AND BOTTOM OF RESTRICTIVE LAYER THAT IS CAUSING BRIEF PERCHING OF WATER TABLE. SOIL APPEARS TO BE WELL DRAINED BELOW RESTRICTIVE LAYER.
NR = Not Recommended
NA = Not Applicable
PWT = Perched Water Table

SOIL SUITABILITY CODE LEGEND

A1 Soils are typically suitable for conventional absorption field with proper design, installation and maintenance.

C1 Soils are unsuitable for conventional absorption fields due to perched water table conditions. Soils are generally suitable for alternative absorption fields with treatment system producing Class 1 effluent.

O1 Soils show evidence of a somewhat restrictive layer in the upper part of the profile. Brief perching of water may cause problems for absorption fields installed in the upper part of the soil profile. Soil appears to be well drained below somewhat restrictive layer. Conventional absorption field installed below restrictive layer should function effectively. Environmental Health Departhement may require futher inspection utilizing backhoe test pits prior to permitting.

MAP LEGEND

	Soil Boundary
B1	Soil Boring
	Slope Direction

GRAPHIC SCALE

60 0 60 100

(IN FEET)
1 inch = 100 ft.

AES
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LEVEL 3 SOIL MAP
ANIMAL SHELTER
HWY 74 SOUTH
FAYETTE COUNTY, GEORGIA

DATE: 3-27-08 AES JOB #: 28140.1
SCALE: 1" = 100'
CLIENT: FAYETTE COUNTY BOC
BORING LOCATION METHOD: TRIMBLE PRO XH GPS
DRAWN BY: EAH
CHECKED BY: EAH, DHR CSC