

A G E N D A

SPECIAL MEETING, OCONEE COUNTY COUNCIL

TUESDAY, MAY 24, 1994

7:00 PM

1. Call to Order
2. Invocation
3. Second Reading of Ordinance 94-4, "1994-95
Oconee County Budget Ordinance"
4. Consideration of Award of Contract for
Closure of Five Forks Landfill - Ms. Marianne
Dillard, Purchasing Director & Mr. Jack
Hirst, CCS Director
5. Consideration of Transfer for Purchasing
Department - Ms. Marianne Dillard, Purchasing
Director
6. Old Business
7. New Business
8. Adjourn

6:00 PM Personnel & Intergovernmental
Committee Meeting to Discuss Joint County Industrial
Park

(All Meetings Open to Public)

MEMBERS, OCONEE COUNTY COUNCIL

Mrs. M. Fran Burrell, District I Mr. Harrison E. Orr, District II
Mr. Michael E. Harper, District III Mr. Roy B. Strickland, District IV
Mr. Alton K. Williams, District V

MINUTES, OCONEE COUNTY COUNCIL SPECIAL MEETING

A special meeting of the Oconee County Council was held Tuesday, May 24, 1994 at 7:00 pm in Council Chambers with all Council Members and the County Attorney present.

Members of the press notified (by mail):
Journal/Tribune, Westminster News, Keowee Courier, Greenville News, Anderson Independent, WGOG Radio, WBFM Radio, WCCP Radio, WZLI/WLET Radio, WYFF TV & WLOS TV.

Press

Members of the press present: Kathleen Stoll - Anderson Independent & Dick Mangrum - WGOG Radio.

The meeting was called to order by Supervisor Chairman Crain.

Call to Order

The invocation was given by Mrs. Burrell.

Invocation

Mr. Crain presented the 1994-95 proposed County Budget to Council with a recommendation that an additional \$500,000 be taken from fund balance and placed in the CCS contingency. This will be a total of \$1,700,000 from the CCS Enterprise fund and \$1,500,000 from Fund Balance to fund the solid waste plan meeting all known present regulations and setting aside approximately \$1,000,000 for the research component and equipment for a Subtitle "D" Landfill.

Budget

Oconee County will also fund its portion of the proposed Health Sciences-Laboratory Building at Tri County Technical College by selling general obligation bonds. Oconee County's portion is \$3,125,000 and the bonds will not be sold if either Pickens County or Anderson County does not fund its portion of the building.

Mr. Williams made a motion, seconded by Mr. Strickland, approved 5 - 0 that Ordinance 94-4, "1994-95 Oconee County Budget Ordinance" as presented by Mr. Crain be adopted on second reading.

Ord. 94-4

Mr. Steve Goldie & Mr. Dave Devoe of Goldie & Associates, along with Ms. Marianne Dillard, Purchasing Director and Mr. Jack Hirst, CCS Director presented the attached bid evaluation for the closure of Five Forks landfill to Council.

Five Forks

Mr. Strickland made a motion, seconded by Mr. Orr, approved 5 - 0 that the bid for the closure of Five Forks Landfill be awarded to Perry M. Alexander Company at a cost of \$511,509.70. (See letter of recommendation from Goldie & Assoc-

iates)

Upon recommendation of Ms. Marianne Dillard, Purchasing Director & Mr. Jack Hirst, CCS Director, Mr. Strickland made a motion, seconded by Mr. Harper, approved 5 - 0 that Goldie & Associates conduct the ground water assessment project as per the plan submitted to DHEC on February 25, 1994 at an estimated cost of \$68,000 for completion of Phase I. (See attachment)

Mr. Strickland made a motion, seconded by Mrs. Burrell, approved 5 - 0 that the attached transfers for Purchasing be adopted.

Mr. Harper informed Council it was the recommendation of the Personnel & Intergovernmental Committee that the County not establish retirement service for any County employee who is a former CETA employee. This recommendation was adopted 5 - 0.

See attached letter informing Council that the Lunney Museum employee is requesting a title change. Council can amend the budget on third reading to reflect this change if they so desire.

Mr. Crain informed Council that a representative from SC Appalachian Council of Governments had accidentally erased all the information in the computer at the Motor Pool while performing routine maintenance on the machine. They restored the information up through December 20, 1993. Although the information was backed up on diskettes, the diskettes were not good.

The Motor Pool has an inventory dated March 1, 1994 which can be entered into the computer. SC COG has offered to assist the County in entering this information.

SC Cog is recommending that the County purchase a Colorado Systems Tracker 250 at a cost of \$600.00 to use as a back up. Mr. Strickland made this recommendation into the form of a motion, seconded by Mrs. Burrell, approved 5 - 0.

Adjourn: 7:50 pm

Norman D. Crain / ccj
Norman D. Crain
Supervisor-Chairman
Oconee County Council

Groundwater
Assessment
Seneca

Purchasing
(Transfers)

Personnel
& Inter-

Budget

Motor
Pool
(Cont'cy)

May 24, 1994

GOLDIE & ASSOCIATES

*engineering, environmental
and laboratory services*

Ms. Marianne Dillard
Oconee County Purchasing
208 Booker Drive
Walhalla, SC 29691

Re: Landfill Closure - Bid Evaluation
Project 22.11.6

Dear Ms. Dillard:

Goldie & Associates has reviewed the bids received for the Closure of the Five Points Landfill.

During the review, we contacted 5 references regarding the lowest bidder's past performance (Perry M. Alexander Construction Company). The references indicated the following:

- * 3 of the 5 references indicated that they had no problem with the company and would use them again. In particular, one of the references who spoke highly of the contractor was constructing a landfill and had to meet stringent permeability requirements which were similar to those required for this project.
- * The remaining 2 references indicated that the contractor did not perform as required for the project. In particular the comments included that the contractor did not keep to the original schedule and that the project manager did not handle the project well.

Based on this information, we called the contractor to discuss these concerns. The contractor provided a plausible explanation regarding the problems encountered with one of the references. However, due to confidentiality requested by the other reference, we were not able to address the concerns of the second reference.

As part of the review we also evaluated the contractors equipment list and schedule. Upon review of the equipment and schedule we determined that the amount of equipment appeared to be sparse and that the schedule needed to be adjusted. During a phone conversation today with the contractor, we raised questions regarding his equipment and schedule. He assured us that he owned more equipment and that he would get the necessary equipment and personnel on site if needed (See attached).

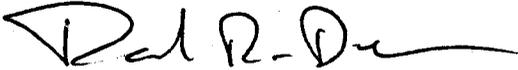
Ms. Marianne Dillard
May 24, 1994
Page 2

Upon a review of the contractors field superintendent resume, we determined that he had a significant amount of experience. However, in discussion with the contractor regarding how the success of the project is going to hinge on the performance of the field superintendent, he felt that he would probably change his field superintendent during construction of the cap to an individual who had experience constructing landfill caps.

Based on this information and associated material submitted by the contractor, we recommend that the Bid be awarded to the lowest bidder which was the Perry M. Alexander company of Asheville, NC. The bid amount was \$ 511,509.70.

Sincerely,

GOLDIE & ASSOCIATES



David R. Devoe
Project Manager

encl: As stated

DD3/BID.LTR

Perry M. Alexander Construction Company

INCORPORATED

General Contractors Since 1920



May 24, 1994

Goldie & Associates
210-A West North Second Street
Seneca, South Carolina 29678

RE: Five Points Landfill Closure Project
Oconee County, South Carolina

Gentlemen:

Pursuant to our telephone conversation, we wish to provide the following clarifications to our bid proposal which was submitted on May 18, 1994.

The unit and total price entries for the item described as "infiltration layer material - remove/transport" was inadvertently omitted, and should read \$ 1.20 and \$ 45,960.00, respectively. However, our total lump sum bid of \$ 511,509.70 is correct.

The "Equipment List", which was submitted with our bid, is not representative of all of the equipment owned by our company. We would also expect to use a water truck, and may need to utilize a different compaction roller, as the soil conditions will dictate. We have additional equipment available within our own inventory or we have the capability of leasing from outside sources, if scheduling so warrants.

Yours Very Truly,

W. Thomas Alexander
President

WIA/kc

Post-It™ brand fax transmittal memo 7671		# of pages > 1	
To	Goldie &	From	T Alexander
Co.	Assoc.	Co.	Alexander
Dept.		Phone #	
Fax #	803 882 0551	Fax #	

TO: MARIANNO ULLARO
 FROM: GOLDIE & ASSOCIATES

No. Item Description	Unit	Quantity	Alexander		Cherokee		F & R	
			Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
MOBILIZATION/CONSTRUCTION OFFICE	LS	1	25000	25000	17000	17000	50000	50000
LANDFILL SITE								
Erosion Control								
(1) Clearing & Grubbing	LS	1	5000	5000	26000	6000	10000	10000
(2) Ditches W/aggregate lining	LF	4400	13.8	60720	17	74800	5	22000
(3) Check Dams	EA	13	220	2860	100	1300	500	6500
(4) Concrete Lined Ditches	LF	250	30	7500	30	7500	20	5000
(5) Riser/outfall	EA	1	3250	3250	2700	2700	3000	3000
(6) Fencing, Gates, Signs	LF	5300	8	42400	10.6	56180	9.36	49608
Earthwork								
(1) Site grading and compaction	CY	61728	0.95	58641.6	1.7	104937.8	2	123456
(2) Preparation subbase 90% compaction	SY	100000	0.06	6000	0.1	10000	0.75	75000
(3) Infiltration layer, placement and 93% compaction	CY	33300	0.9	29970	0.93	30889	4.5	149850
(4) Erosional layer, placement and 90% compaction	CY	34310	0.9	30879	0.93	31908.3	3.5	120085
(5) Grassing	EA	25	1425	35625	1400	35000	820	20500
(6) Gravel access road	SY	4300	1.7	7310	3.5	15050	2.3	12900
BORROW PIT SITE								
Erosion Control								
(1) Silt Fences	LF	4600	2.25	10350	2.3	10580	4	18400
(2) Dam Construction	CY	1430	5	7150	1.4	2002	4	5720
(3) Riser/outfall	LS	1	3100	3100	2700	2700	3000	3000
(4) Gravel access roads	SY	1350	1.2	1620	3.5	4725	3	4050
(5) Topsoil								
Removal/stockpile	CY	7686	1	7686	1.2	9223.2	2	15372
Removal/transport	CY	7686	2.1	16140.6	1.85	12681.9	3.5	26901
(6) Infiltration layer material								
Removal/transport	CY	38300			1.75	67025	3.5	134050
Final Grading	CY	5500	1	5500	1	5500	3.5	19250
(7) Replace topsoil	CY	7686	1.25	9607.5	1	7686	2	15372
(8) Fertilize/seeds & grass	AC	18	1400	25200	1380	24840	750	13500
(9) Remove silt fences	LF	4600	0.9	4140	0.5	2300	1	4600
(10) Unclassified Excavation	CY	0	1.5	0	6	0	4	0
ROCK CRUSHER SITE								
(1) Erosional layer material, removal/transport (3.5 miles)	CY	27000	2.1	56700	4	108000	5	135000
(2) Final grading	CY	4000	0.8	3200		4000	5	20000
(3) Infiltration layer material	CY	0	3.5	0	10	0	2.5	0
(4) Rock Excavation	CY	0	15	0	20	0	11	0
TOTAL COST				485549.7		654608		1083114

BID # 93-49

FIVE POINTS LANDFILL CLOSURE PROJECT

FOR

OCONEE COUNTY , SOUTH CAROLINA

Bid of Perry M. Alexander Construction Company

hereinafter called CONTRACTOR, organized and existing under the laws of the State of North Carolina, doing business as "a corporation" [*],¹ to Oconee County , S.C.

(hereinafter called "OWNER"). These bids are due back to Oconee County Purchasing Department, office complex at 201 W. Main Street in Walhalla, SC at 2:00 p.m. Daylight Savings time, on Wednesday , May 11, 1994. Mailed bids can be mailed to 208 Booker Drive, Walhalla, SC 29691.

In compliance with the contract documents, CONTRACTOR hereby proposes to perform all WORK for the construction of the landfill closure project as shown on plans and specifications dated March 1994, by Goldie & Associates in strict accordance with the CONTRACT DOCUMENTS, within the time set forth herein, and at the prices stated below.

By submission of this bid, each CONTRACTOR certifies, and in the case of a joint bid each party thereto certifies as to his own organization, that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this proposal with any other contractor or any competitor.

¹ Insert "a corporation", "a partnership", or "an individual" as applicable.

CONTRACTOR hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete project as defined in the Information for Bidders.

CONTRACTOR acknowledges receipt of the following ADDENDA:

No. 1 dated May 6, 1994.

No. 2 dated May 16, 1994.

CONTRACTOR agrees to perform all of the work described in the contract documents for the following unit or lump sum prices.

Bid worksheet is itemized below

No.	Item Description	Unit	Quantity	Unit Price	Total Price
	Mobilization/ Constr office	LS	1	25,000.00	25,000.00
	LANDFILL SITE				
	Erosional control				
	Clearing & Grubbing	LS	1	5000.00	5000.00
	Ditches W/aggregate lining	LF	4400	13.80	60,720.00
	Check Dams	EA	13	220.00	2860.00
	Conc lined ditches	LF	250	30.00	7500.00
	Riser/outfall	EA	1	3250.00	3250.00
	Fencing, Gates, Signs	LF	5300	8.00	42,400.00
	Earthwork				
	Site grading and comp.	CY	61728	0.95	58,641.60
	Prep subbase 90% comp.	SY	100,000	0.06	6000.00
	Infiltration layer				
	Placement and Compaction 93%	CY	33300	0.90	29,970.00
	Erosional layer				
	Placement and Compaction 90%	CY	34310	0.90	30,879.00
	Grassing	AC	25	1425.00	35,625.00
	Gravel access road	SY	4300	1.70	7310.00
	BORROW PIT SITE				
	Erosion control				
	Silt fences	LF	4600	2.25	10,350.00
	Dam construction	CY	1430	5.00	7150.00
	Riser/outfall	LS	1	3100.00	3100.00

Gravel access roads	SY	1350	<u>1.20</u>	<u>1620.00</u>
Topsoil				
Removal/stockpile	CY	7686	<u>1.00</u>	<u>7686.00</u>
Remove/transp(1/4 mi)	CY	7686	<u>2.10</u>	<u>16,140.60</u>
Infiltration layer material				
Removal/transport	CY	38300		
Final grading	CY	5500	<u>1.00</u>	<u>5500.00</u>
Replace topsoil	CY	7686	<u>1.25</u>	<u>9607.50</u>
Fertilize/ oats & grass	AC	18	<u>1400.00</u>	<u>25,200.00</u>
Remove silt fences	LF	4600	<u>0.90</u>	<u>4140.00</u>
Unclassified Excavation	CY	0	<u>1.50</u>	<u>0.00</u>
ROCK CRUSHER SITE				
Erosional layer mat.				
Remove/transp(3.5 mi)	CY	27000	<u>2.10</u>	<u>56,700.00</u>
Final grading	CY	4000	<u>0.80</u>	<u>3200.00</u>
Infiltration layer mat.	CY	0	<u>3.50</u>	<u>0.00</u>
Rock Excavation	CY	0	<u>15.00</u>	<u>0.00</u>
Total of items				<u>511,509.70</u>

Units: LS = Lump Sum, LF = Linear Feet, CY = Cubic Yard,
EA = Each, SY = Square Yard, AC = Acre

Note: Lump sum BID shall include sales tax and all other applicable taxes and fees.

LUMP SUM BID, in words and figures (Five Hundred Eleven
Thousand Five Hundred Nine
Dollars and ⁹⁰70 cents) = (\$ 511,509.70)

If a discrepancy occurs between the words and figures, then the words will be used as the CONTRACTOR's bid amount.

Alternate bid item:

Removal of dam and outfall structure @ borrow site	LS	1	<u>3000.00</u>	<u>3000.00</u>
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(DO NOT include with lump sum total)

Oconee County intends to award this project on a lump sum basis. If material quantities are significantly increased or reduced during this contract, unit price quantities indicated above will be utilized for any change orders which may be developed.

The CONTRACTOR should verify quantities indicated in the bid worksheet schedule as outlined in the information for bidders.

The County intends to award this contract to the lowest responsible, responsive and capable bidder as deemed by the OWNER and ENGINEER and as defined in the General Conditions. Please include with your bid the following items. Incomplete submission

<u>NAME, ADDRESS, PHONE NUMBER</u>	<u>PROJECT DESCRIPTION</u>	<u>TOTAL CONTRACT AMOUNT</u>
NCDOT - Buncombe County Raleigh, N.C. (704) 298-0080	Highway	\$ 1,710,000
Champion Int. - Landfill Canton, N.C. (704) 646-2653	Sitework	\$ 1,299,617
Asheville Airport Authority Asheville, N.C. (704) 334-5348	Sitework	\$ 441,102
Haywood County Landfill Waynesville, N.C. (704) 452-6625	Sitework	\$ 2,234,495
Buncombe Co. - Owen High School Asheville, N.C. (704) 255-5916	Sitework	\$ 1,860,040
Bob Hughes & Assoc. - River Ridge Raleigh, N.C. (919) 847-7309	Sitework	\$ 797,433
Terrell T. Garren - KOA Campground Arden, N.C. (704) 665-7015	Sitework	\$ 441,829
Ingles Markets, Inc. Asheville, N.C. (704) 669-2941	Sitework	\$ 1,442,939
NCDOT - Macon County Raleigh, N.C. (704) 524-5707	Highway	\$ 5,140,000
City of Asheville - W. Chapel Asheville, N.C. (704) 259-5838	Sitework	\$ 248,404
Ingles Markets, Inc. Asheville, N.C. (704) 669-2941	Sitework	\$ 669,700
Ingles Markets, Inc. Asheville, N.C. (704) 669-2941	Sitework	\$ 615,735
Ingles Markets, Inc. Asheville, N.C. (704) 669-2941	Sitework	\$ 480,345

Perry M. Alexander Construction Company

INCORPORATED

General Contractors Since 1920



EQUIPMENT LIST

QNTY	MAKE	DESCRIPTION & CAPACITY
1	Caterpillar	D-6 Dozer
1	Caterpillar	D-7G Dozer
1	Komatsu	D315 Loader
3	Caterpillar	621E Scrapers
1	Komatsu	PC220 Trackhoe
6	Various	Tandum Dump Trucks
1	Ingersoll	Roller

LEROY (RED) PEEK

GENERAL SUPERINTENDENT

EXPERIENCE

Perry M. Alexander Construction Company, Inc.

1985 to date - General Superintendent. Responsible for office support of heavy construction projects. Support of projects consists of assigning personnel; assisting in planning, scheduling, and monitoring progress. Supervise over all foremen.

PRIOR EXPERIENCE

Asheville Contracting Company

1975 to 1985 - General Superintendent. Provide office support to all projects in regard to supervisory personnel and equipment scheduling between jobs.

1969 to 1975 - Project Superintendent. Responsible for equipment and personnel required to take grading projects from cleaning through to fine grading and stone. Work contracted from North Carolina Department of Transportation, South Carolina Department of Transportation, and private developers.

1960 to 1968 - Heavy Equipment Operator. Responsible for running all types of earth moving equipment.

Macon Construction Company

1953 to 1960 - Heavy Equipment Operator. Responsible for running all types of earth moving equipment.

Perry M. Alexander Construction Company

INCORPORATED

General Contractors Since 1920



SUBCONTRACTORS

<u>Name and Address</u>	<u>Type of Work</u>	<u>% of Project</u>
Palmetto Fencing 234 Highway 601 South Lugoff, S.C. 29078 (803) 438-4763	Fencing	10 %
Herndon Incorporated P.O. Box 36 Lugoff, S.C. 29078 (803) 438-1078	Seed & Mulch	8 %

BID # 93-49

FIVE POINTS LANDFILL CLOSURE PROJECT

FOR

OCONEE COUNTY , SOUTH CAROLINA

Bid of Cherokee Inc.

hereinafter called CONTRACTOR, organized and existing under the laws of the State of S.C. doing business as

Gen Contractor [*],¹ to Oconee County , S.C.

(hereinafter called "OWNER"). These bids are due back to Oconee County Purchasing Department, office complex at 201 W. Main Street in Walhalla, SC at 2:00 p.m. Daylight Savings time, on Wednesday, May 18 1994. Mailed bids can be mailed to 208 Booker Drive, Walhalla, SC 29691.

In compliance with the contract documents, CONTRACTOR hereby proposes to perform all WORK for the construction of the landfill closure project as shown on plans and specifications dated March 1994, by Goldie & Associates in strict accordance with the CONTRACT DOCUMENTS, within the time set forth herein, and at the prices stated below.

By submission of this bid, each CONTRACTOR certifies, and in the case of a joint bid each party thereto certifies as to his own organization, that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this proposal with any other contractor or any competitor.

¹.Insert "a corporation", "a partnership", or "an individual" as applicable.

CONTRACTOR hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete project as defined in the Information for Bidders.

CONTRACTOR acknowledges receipt of the following ADDENDA:

No. #1 dated 6 May '94, 1994.

No. #2 dated 16 May 94, 1994.

CONTRACTOR agrees to perform all of the work described in the contract documents for the following unit or lump sum prices.

Bid worksheet is itemized below

No.	Item Description	Unit	Quantity	Unit Price	Total Price
	Mobilization/ Constr office	LS	1	<u>17,000.00</u>	<u>17,000.00</u>
	LANDFILL SITE				
	Erosional control				
	Clearing & Grubbing	LS	1	<u>6,000.00</u>	<u>6,000.00</u>
	Ditches W/aggregate lining	LF	4400	<u>17.00</u>	<u>74,800.00</u>
	Check Dams	EA	13	<u>100.00</u>	<u>1,300.00</u>
	Conc lined ditches	LF	250	<u>30.00</u>	<u>7,500.00</u>
	Riser/outfall	EA	1	<u>2,700.00</u>	<u>2,700.00</u>
	Fencing, Gates, Signs	LF	5300	<u>10.60</u>	<u>56,180.00</u>
	Earthwork				
	Site grading and comp.	CY	61728	<u>1.70</u>	<u>104,937.60</u>
	Prep subbase 90% comp.	SY	100,000	<u>0.10</u>	<u>10,000.00</u>
	Infiltration layer				
	Placement and	CY	33300	<u>0.93</u>	<u>30,967.00</u>
	Compaction 93%				
	Erosion layer				
	Placement and	CY	34310	<u>0.93</u>	<u>31,908.30</u>
	Compaction 90%				
	Grassing	AC	25	<u>1,400.00</u>	<u>35,000.00</u>
	Gravel access road	SY	4300	<u>3.50</u>	<u>15,050.00</u>
	BORROW PIT SITE				
	Erosion control				
	Silt fences	LF	4600	<u>2.30</u>	<u>10,580.00</u>
	Dam construction	CY	1430	<u>1.40</u>	<u>2,002.00</u>
	Riser/outfall	LS	1	<u>2,700.00</u>	<u>2,700.00</u>

Gravel access roads	SY	1350	<u>3.50</u>	<u>4,725.00</u>
Topsoil				
Removal/stockpile	CY	7686	<u>1.20</u>	<u>9,223.20</u>
Remove/transp(1/4 mi)	CY	7686	<u>1.65</u>	<u>12,681.90</u>
Infiltration layer material				
Removal/transport	CY	38300	<u>1.75</u>	<u>67,025.00</u>
Final grading	CY	5500	<u>1.00</u>	<u>5,500.00</u>
Replace topsoil	CY	7686	<u>1.00</u>	<u>7,686.00</u>
Fertilize/ oats & grass	AC	18	<u>1,380.00</u>	<u>24,840.00</u>
Remove silt fences	LF	4600	<u>0.50</u>	<u>2,300.00</u>
Unclassified Excavation	CY	0	<u>6.00</u>	<u>00.00</u>
ROCK CRUSHER SITE				
Erosional layer mat.				
Remove/transp(3.5 mi)	CY	27000	<u>4.00</u>	<u>108,000.00</u>
Final grading	CY	4000	<u>1.00</u>	<u>4,000.00</u>
Infiltration layer mat.	CY	0	<u>10.00</u>	<u>0.00</u>
Rock Excavation	CY	0	<u>20.00</u>	<u>0.00</u>
Total of items —				<u>654,658.00</u>

Units: LS = Lump Sum, LF = Linear Feet, CY = Cubic Yard,
EA = Each, SY = Square Yard, AC = Acre

Note: Lump sum BID shall include sales tax and all other applicable taxes and fees.

LUMP SUM BID, in words and figures SIX HUNDRED FIFTY FOUR THOUSAND,
SIX HUNDRED FIFTY EIGHT DOLLARS
Dollars and No cents) = (\$ 654,658.00)

If a discrepancy occurs between the words and figures, then the words will be used as the CONTRACTOR'S bid amount.

Alternate bid item:

Removal of dam and outfall structure @ borrow site	LS	1	<u>10,000.00</u>	<u>10,000.00</u>
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(DO NOT include with lump sum total)

Oconee County intends to award this project on a lump sum basis. If material quantities are significantly increased or reduced during this contract, unit price quantities indicated above will be utilized for any change orders which may be developed.

The CONTRACTOR should verify quantities indicated in the bid worksheet schedule as outlined in the information for bidders.

The County intends to award this contract to the lowest responsible, responsive and capable bidder as deemed by the OWNER and ENGINEER and as defined in the General Conditions. Please include with your bid the following items. Incomplete submission

CHEROKEE, INC.

GENERAL CONTRACTORS

OFFICE AND WAREHOUSE

6928 CHEVAL STREET

P.O. BOX 90448 • PHONE (803) 776-4870

COLUMBIA, SOUTH CAROLINA

FAX (803) 776-5507

29290

FIVE POINTS LANDFILL CLOSURE
OCONEE COUNTY, SOUTH CAROLINA
Bid Date May 18, 1994

Expected Equipment to be used on Project:

	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1.	Cat 613 Scraper	4
2.	Cat D-8 Dozer	2
3.	Cat D-6 Dozer	1
4.	Cat 12G Motorgrader	1
5.	Kamotsu 300 Excavator	1
6.	Water Truck	1
7.	Rex Compactor	1
8.	Bomag Compactor	1

Subcontractors expected to be used on Project:

1.	Walker Trucking	Greenville, SC
2.	Sox & Sons Fencing	Columbia, SC
3.	Marchall Landscaping	Columbia, SC
4.	Hubbard Paving Co.	

CHEROKEE, INC.
 CONTRACTOR PREQUALIFICATION
 04/21/94

COMPLETED PROJECTS

CONTRACT AMOUNT	TYPE OF WORK	WHEN COMPLETED	NAME, ADDRESS & PHONE NUMBER OF OWNER OF CONTRACTING OFFICER
\$4,297,243	RAILROAD RELOC. CONCRETE & SHEET PILING TRAIN STATION	11/91	CITY OF COLUMBIA COLUMBIA, SC (803) 733-8683
\$215,703	HWY WIDENING	12/91	SC DEPT. OF HWYS & PUB TRANS COLUMBIA, SC (803) 737-1308
\$6,218,376	HWY, DRAINAGE, BRIDGEWORK, CONCRETE RETAINING WALL, SOUND BARRIER WALL	06/92	SC DEPT. OF HWYS & PUB TRANS COLUMBIA, SC (803) 737-1308
\$3,924,254	SITWORK, GRADING, DRAINAGE, UTILITIES (STATE PRISON, TURBEVILLE SC)	01/92	SC DEPT. OF CORRECTIONS COLUMBIA, SC (803) 896-8500
\$241,897	RENOVATIONS, PLANTERS, LANDSCAPING	06/92	SC DEPT. OF HWYS & PUB TRANS COLUMBIA, SC (803) 737-1308
\$116,437	LANDSCAPING, PLANTERS, LARGE TREES	02/92	US ARMY CORPS OF ENGINEERS FT. JACKSON, SC (803) 751-7708
\$823,964	RIPRAP FOR MAIN LEVI AND CANAL	11/91	SC PUBLIC SERVICE AUTHORITY MONCK'S CORNER, SC (803) 762-8000
\$338,450	SITWORK, GRADING, PUMP STATION, HDPE LINER, IRRIGATION	08/92	US DEPT. OF AGRICULTURE ATHENS, SC DIANNE STEPHEN
\$1,566,017	DRAINAGE	10/92	RICHLAND COUNTY COLUMBIA, SC (803) 748-4736
\$129,000	SEWER LAGOON	08/92	RICHLAND COUNTY COLUMBIA, SC (803) 748-4736
\$106,823	SITWORK, PAVING	08/92	RICHLAND MEMORIAL HOSPITAL COLUMBIA, SC (803) 434-7000

CHEROKEE, INC.
 CONTRACTOR PREQUALIFICATION
 04/21/94

COMPLETED PROJECTS

CONTRACT AMOUNT	TYPE OF WORK	WHEN COMPLETED	NAME, ADDRESS & PHONE NUMBER OF OWNER OF CONTRACTING OFFICER
\$1,600,000	PAVING, DRAINAGE	10/92	LAURENS COUNTY AIRPORT COMMISSION LAURENS, SC
\$2,494,154	DIKE REPAIRS, RIPRAP, FABRIC	10/91	SC PUBLIC SERVICE AUTHORITY MONCKS CORNER, SC (803) 761-8000
\$690,775	PAVING	12/92	SC DEPT OF HWY & PUB. TRANS COLUMBIA, SC W. A. KELLER III, (803) 737-1308
\$474,502	DRAINAGE, GRADING, PAVING	06/93	FLORENCE COUNTY, FLORENCE, SC (803) 665-3034
\$83,600	CLEARING	07/93	CITY OF COLUMBIA COLUMBIA, SC JOHN DOOLEY, (803) 733-8232
\$137,450	DRAINAGE, GRADING, PAVING (GOLF COURSE & SUBDIVISION)	07/93	JEFF HUNT PROPERTIES COLUMBIA, SC J. D. HUNT
\$88,830	SITWORK, GRADING, PAVING	07/93	FLORENCE COUNTY FLORENCE, SC (803) 665-3034
\$667,258	GRADING, PAVING	08/93	BLUE CROSS OF SOUTH CAROLINA COLUMBIA, SC (803) 788-0222
\$559,000	DRAINAGE, GRADING	07/93	US ARMY FT. GORDON, GA JAMES BODINE, (706) 791-3027
\$73,015	UTILITIES, DRAINAGE TRENCH DRAIN EXPOSED AGGREGATE PAVING	05/93	SC DIVISION OF GENERAL SERVICES COLUMBIA, SC CONSTR. & PLANNING OFFICE (803) 737-0760
\$98,000	PAVING	09/93	FLORENCE COUNTY FLORENCE, SC (803) 665-3034

CHEROKEE, INC.

CONTRACTOR PREQUALIFICATION

04/21/94

COMPLETED PROJECTS

CONTRACT AMOUNT	TYPE OF WORK	WHEN COMPLETED	NAME, ADDRESS & PHONE NUMBER OF OWNER OF CONTRACTING OFFICER
\$1,051,905	CLEARING, GRADING, PAVING, DRAINAGE 2-84" DRAINAGE PIPES INLET & DISCHARGE STRUCTURES	10/93	ABS DEVELOPMENT CO. W. HARTFORD, CONN. (203) 231-2655
\$1,095,283	CLEARING, GRADING, DRAINAGE NEW LANDFILL WITH CLAY & HDPE LINER	10/93	HABERSHAM COUNTY MT. AIREY, GA

CHEROKEE, INC.

CONTRACTOR PREQUALIFICATION

04/21/94

CONSTRUCTION PROJECTS UNDERWAY

CONTRACT AMOUNT	TYPE OF WORK	PERCENT COMPLETE	NAME, ADDRESS & PHONE NUMBER OF OWNER OF CONTRACTING OFFICER
\$1,762,865	FT. GORDON DAM REPAIRS, CONCRETE, SPILLWAY CONST.	75% DUE 5/94	US ARMY CORPS OF ENGINEERS SAVANNAH, GA (912) 652-5076
\$3,195,746	RIVERFRONT REDEVLMT GEN. BLDG, SITEWORK, PILING, DOCKS, DRAINAGE	40% DUE 6/94	CITY OF AUGUSTA AUGUSTA, GA
\$1,702,500	ENG. SUP FACILITY SITEWORK, DRAINAGE, PAVING	18% DUE 7/95	SAVANNAH RIVER COMPANY AIKEN, SC
\$576,950	GROWING CENTER GEN. BLDG, SITEWORK, DRAINAGE, PAVING	40% DUE 7/94	RIVERBANKS ZOOLOGICAL PARK COLUMBIA, SC
\$434,190	NEW RAILROAD ROADBEDS EARTHWORK, DRAINAGE	20% DUE 6/94	

BID # 93-49

FIVE POINTS LANDFILL CLOSURE PROJECT

FOR

OCONEE COUNTY , SOUTH CAROLINA

Bid of F + R Construction Co. Inc

hereinafter called CONTRACTOR, organized and existing under the laws of the State of S.C. doing business as a Corporation [*],¹ to Oconee County , S.C.

(hereinafter called "OWNER"). These bids are due back to Oconee County Purchasing Department, office complex at 201 W. Main Street in Walhalla, SC at 2:00 p.m. Daylight Savings time, on Wednesday , May 11, 1994. Mailed bids can be mailed to 208 Booker Drive, Walhalla, SC 29691.

In compliance with the contract documents, CONTRACTOR hereby proposes to perform all WORK for the construction of the landfill closure project as shown on plans and specifications dated March 1994, by Goldie & Associates in strict accordance with the CONTRACT DOCUMENTS, within the time set forth herein, and at the prices stated below.

By submission of this bid, each CONTRACTOR certifies, and in the case of a joint bid each party thereto certifies as to his own organization, that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this proposal with any other contractor or any competitor.

¹ Insert "a corporation", "a partnership", or "an individual" as applicable.

CONTRACTOR hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete project as defined in the Information for Bidders.

CONTRACTOR acknowledges receipt of the following ADDENDA:

No. 1 dated May 6, 1994.

No. 2 dated May 16, 1994.

CONTRACTOR agrees to perform all of the work described in the contract documents for the following unit or lump sum prices.

Bid worksheet is itemized below

No.	Item Description	Unit	Quantity	Unit Price	Total Price
	Mobilization/ Constr office	LS	1	\$ 50,000. ⁰⁰	\$ 50,000. ⁰⁰
	LANDFILL SITE				
	Erosional control				
	Clearing & Grubbing	LS	1	10,000. ⁰⁰	10,000. ⁰⁰
	Ditches W/aggregate lining	LF	4400	5.00	22,000. ⁰⁰
	Check Dams	EA	13	500.00	6,500. ⁰⁰
	Conc lined ditches	LF	250	20.00	5,000. ⁰⁰
	Riser/outfall	EA	1	3,000.00	3,000. ⁰⁰
	Fencing, Gates, Signs	LF	5300	9.36	49,608. ⁰⁰
	Earthwork				
	Site grading and comp.	CY	61728	2.00	123,456. ⁰⁰
	Prep subbase 90% comp.	SY	100,000	.75	75,000. ⁰⁰
	Infiltration layer				
	Placement and Compaction 93%	CY	33300	4.50	149,850. ⁰⁰
	Erosionional layer				
	Placement and Compaction 90%	CY	34310	3.50	120,085. ⁰⁰
	Grassing	AC	25	820.00	20,500. ⁰⁰
	Gravel access road	SY	4300	3.00	12,900. ⁰⁰
	BORROW PIT SITE				
	Erosion control				
	Silt fences	LF	4600	4.00	18,400. ⁰⁰
	Dam construction	CY	1430	4.00	5,720. ⁰⁰
	Riser/outfall	LS	1	3,000.00	3,000. ⁰⁰

Gravel access roads	SY	1350	<u>3.00</u>	<u>4,050.00</u>
Topsoil				
Removal/stockpile	CY	7686	<u>2.00</u>	<u>15,372.00</u>
Remove/transp(1/4 mi)	CY	7686	<u>3.50</u>	<u>26,901.00</u>
Infiltration layer material				
Removal/transport	CY	38300	<u>3.50</u>	<u>134,050.00</u>
Final grading	CY	5500	<u>3.50</u>	<u>19,250.00</u>
Replace topsoil	CY	7686	<u>2.00</u>	<u>15,372.00</u>
Fertilize/ oats & grass	AC	18	<u>750.00</u>	<u>13,500.00</u>
Remove silt fences	LF	4600	<u>1.00</u>	<u>4,600.00</u>
Unclassified Excavation	CY	0	<u>4.00</u>	<u>-</u>
ROCK CRUSHER SITE				
Erosional layer mat.				
Remove/transp(3.5 mi)	CY	27000	<u>5.00</u>	<u>135,000.00</u>
Final grading	CY	4000	<u>5.00</u>	<u>20,000.00</u>
Infiltration layer mat.	CY	0	<u>2.50</u>	<u>-</u>
Rock Excavation	CY	0	<u>11.00</u>	<u>-</u>
Total of items				<u>\$ 1,063,114.00</u>

Units: LS = Lump Sum, LF = Linear Feet, CY = Cubic Yard,
EA = Each, SY = Square Yard, AC = Acre

Note: Lump sum BID shall include sales tax and all other applicable taxes and fees.

LUMP SUM BID, in words and figures (One million, sixty-three thousand, one hundred fourteen
Dollars and NO cents) = (\$ 1,063,114.00)

If a discrepancy occurs between the words and figures, then the words will be used as the CONTRACTOR's bid amount.

Alternate bid item:

Removal of dam and outfall
structure @ borrow site LS 1 \$ 2,500.00 \$ 2,500.00

(DO NOT include with lump sum total)

Oconee County intends to award this project on a lump sum basis. If material quantities are significantly increased or reduced during this contract, unit price quantities indicated above will be utilized for any change orders which may be developed.

The CONTRACTOR should verify quantities indicated in the bid worksheet schedule as outlined in the information for bidders.

The County intends to award this contract to the lowest responsible, responsive and capable bidder as deemed by the OWNER and ENGINEER and as defined in the General Conditions. Please include with your bid the following items. Incomplete submission

WORK SCHEDULE

- Week 1: Begin clearing and grubbing at Five Points Landfill
Placing of silt fence at Borrow Pit Area
- Week 2: Expansion of erosional control pond including excavation, grading, and piping. Begin grading of the site utilizing onsite soil stockpile and subbase preparation. Borrow Pit Area: Construction of erosional control pond including excavating, earthen dam construction, compaction and piping.
- Week 3: Continue on expansion of erosional control pond (excava.) grading and piping. Continue grading of the site utilizing onsite soil stockpile and subbase preparation. Start preparations of soil through compaction for infiltration layer placement. Borrow Pit Area: Continue construction of erosional control pond. Begin stripping and stockpiling of top soil.
- Week 4: Continue grading of site and subbase preparation. Soil compaction for infiltration layer continued. Begin construction of clay infiltration layer including compacting and drying/moistening soils. Borrow Pit: Continue erosional control pond work. Begin excavating clay and transporting to landfill site. Begin grading of site following excavation.
- Week 5: Start Repair of existing and construction of new perimeter channel. Begin placement of stone check dams in perimeter channels. Complete grading of site and subbase preparation with continuing the preparation of soil through compaction for layer placement. Continue construction of clay layer. Borrow Pit Area: Continue erosional control pond construction; excavation of clay, grading of site. Rock Crusher Site: Begin excavating soil and transportation thereof.
- Week 6: Continue repair of existing and construction of new perimeter channel, placement of stone check dams in channels, and preparation of soil for infiltration layer and clay layer. Begin construction of gravel access road along site perimeter. Borrow Pit: Continue erosional pond also excavation of clay and grading of site. Begin replacement of top soil. Rock Crusher Site: Continue excavation and transportation of soil to landfill site.
- Week 7: Continue work on perimeter channel, placement of stone, preparation of soil for infiltration layer and clay layer. Begin construction of erosional layer while continuing to construct gravel access road. Borrow Pit site: Complete erosion control pond. Continue excava-

tion of clay, site grading and replacement of topsoil.
Rock Crusher Site: Continue excavating and transporting soil.

- Week 8: Complete perimeter channel and placement of check dams. Also completing infiltration layer while continuing clay and erosional layers, and gravel access road. Begin fencing around perimeter. Borrow Pit site: Continue clay excavation, site grading, and top soil replacement. Rock Crusher site: excavation and transport soil.
- Week 9: Complete clay infiltration layer while continuing erosional layer, gravel access road, and fencing. Begin seeding and fertilization of site. Borrow Pit Site: Complete clay excavation and site grading and continue top soil replacement. Begin seeding of site. Rock crusher site: soil excavation and transportation continue.
- Week 10: Continue erosional layer, access road, seeding, fertilizing and fending area. Borrow Pit Site: Continue placement of top soil and seeding. Rock Crusher Site: Continue excavation and transportation of soil.
- Week 11: Continue erosional layer, gravel access road, seeding, fertilizing and fencing. Borrow Pit: Replacement of top soil and seeding. Rock Crusher site: Complete all excavation and transportation of soil.
- Week 12: Complete erosional layer and gravel access road while continuing seeding, fertilizing and fencing. Borrow Pit Site: Complete replacement of top soil while continuing necessary seeding. Begin removal of silt fence.
- Week 13: Continue seeding, fertilizing if necessary, and fencing. Borrow Pit Site: Continue same. Also removing silt fence.
- Week 14: Complete any seeding, fertilizing and fencing. Borrow Pit Site: Complete seeding and removal of silt fence if needed.

SUB-CONTRACTOR LIST

SUBCONTRACTOR
TOTAL PERCENTAGE OF CONTRACT

Hanvey Corporation .47%
P.O. Box 763
Anderson, South Carolina 29622

Bagwell Fence Co., Inc. 4.17%
P.O. Box 2608
Spartanburg, South Carolina 26622

Sanitary Plumbing Contractors, Inc. 3.20%
P.O. Box 66
Simpsonville, South Carolina 29681

PROJECTS COMPLETED PAST THREE YEARS:

CONTRACT NAME	CONTRACT AMOUNT	SCHD RESIDENT ENGINEER	YEAR COMPLETED
1. Spartanburg County File No. 42.270A	\$ 789,350.87	D.J. Wilson P.O. Box 5706 Spartanburg, SC 29304 803-587-4720	1991
2. Abbeville County File No. 1.453	2,943,784.72	J.E. Noffz P.O. Box 609 Abbeville, SC 29620 803-459-4406	1991
3. Greenville County File No. 23.875	4,380,568.01	S.W. Gwinn P.O. Box 6608 Greenville, SC 29606 803-241-1010	1992
4. Abbeville-Greenwood File Nos. 1.457 & 24.552	4,648,837.75	A.L. Neighbors P.O. Box 820 Greenwood, SC 29646 803-227-9116	1992
5. Spartanburg County File No. 42.294A	355,153.80	D.J. Wimberly P. O. Box 5706 Spartanburg, SC 29304 803-587-4730	1993
6. Oconee County File No. 37.716	983,098.10	Olin D. Price P.O. Box 877 Pickens, SC 29671 803-859-0034	1993
7. Cherokee County File No. 11.1089	625,479.05	J.M. Blackwell P.O. Box 237 Gaffney, SC 29340 803-489-5760	1994
8. Spartanburg File No. 42.170A	10,594,289.81	D.J. Wimberly P. O. Box 5706 Spartanburg, SC 29304 803-587-4730	Estimated 11/30/94

EQUIPMENT AVAILABLE AS NEEDED

CLASS	YEAR	TYPE	SERIAL #	
MACK	1990	MACK	1M2AY04Y3LM006218	W/Trailer
	1990	MACK	1M2AY04Y5LM006219	"
	1991	MACK	1M2AY74Y8MM006452	"
	1991	MACK	1M2AY74YXMM006453	"
	1992	KENWORTH	1XKDDBOX8NJ570428	"
	1994	MACK	1M1AA13Y7RW036058	"
	1994	MACK	1M1AA13Y9RW036059	"

DESCRIPTION	YEAR	TYPE	MODEL	SERIAL #
SCRAPER	1982	TEREX	TS-14B	71761
	1982	CAT	631D WHEEL TRACTOR	24W03247
	1982	CAT	631D WHEEL TRACTOR	24W03258
	1985	CAT	621B	45P3803
	1985	CAT	621B	46P3804
	1985	CAT	613C WHEEL TRACTOR	92X526
	1986	CAT	613C	92X00997
	1989	CAT	631E	01AB01152
	1989	CAT	631E	01AB01153
	1991	TEREX	TS14C	S4261003
	1991	TEREX	TS14-C	S4261050

DESCRIPTION	YEAR	TYPE	MODEL	SERIAL #	
TRACTOR	1989	FORD	6610	BC15827	W/Pull type sheepfoc
	1989	FORD	6610	BC06579	"
	1990	FORD	2910	BB36976	"
	1990	FORD	2910	BC29077	"
	1992	FORD	6640	BD11778	"

DESCRIPTION	YEAR	TYPE	MODEL	SERIAL #
DOZER		CAT	D9L and RIPPER	14Y01052, 18Y00830
	1974	CAT	D8H with WINCH	46A-33640
	1978	CAT	D6D	4X3153
	1979	CAT	D7G	92V8216
	1980	CAT	D8K	77V14845
	1980	CAT	D6D	4X9129
	1983	CAT	D6D	4X9129
	1984	KOMATSU	CRAWLER w/KG BLADE & RAKE	45487
	1985	KOMATSU	CRAWLER	45898
	1987	CAT	D8N	9TC00857
	1987	CAT	D9H	1JD-803
	1988	CAT	D6H	4RC01843
	1988	CAT	D7H	5BF-663
	1991	CAT	D8N	09TC3900
	1992	KOMATSU	D37P-2	A1810
DOZER/COMPACTOR	1988	CAT	815B	17200912

EQUIPMENT AVAILABLE AS NEEDED

DESCRIPTION	YEAR	TYPE	MODEL	SERIAL #
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MOTORGRADER	1985	CAT	12G	61M10587
	1986	CAT	12G	61M111438
	1986	CAT	12G	61M111439

DESCRIPTION	YEAR	TYPE	MODEL	SERIAL #
-----	-----	-----	-----	-----
VOLVO	1989	VOLVO	VME A-25	53505231
	1989	VOLVO	VME A-25	53505232
	1989	VOLVO	A-25	5720
	1989	VOLVO	A-25	5683

DESCRIPTION	YEAR	TYPE	MODEL	SERIAL #
-----	-----	-----	-----	-----
BACKHOE	1992	CAT	416 II	05PC13897
	1993	CAT	416B	08SG03283

DESCRIPTION	YEAR	TYPE	MODEL	SERIAL #
-----	-----	-----	-----	-----
TRACKHOE	1988	CAT	235C EXCAVATOR	2PG00168
	1990	KOMATSU	PC200LC-5	A70156
	1991	KOMATSU	PC200LC-5	A70219
	1992	CAT	330	06SK00123

DONALD H. SMITH
410 Bibb Street
Westminster, SC 29693
(803) 647-6391

Donald H. Smith has been involved in heavy highway and general construction work for twenty-five (25) years. He is skilled in the operation of the various types of construction equipment. Donald has served as Job Superintendent/Foreman for jobs in the following counties: Oconee, Anderson, Pickens, Greenville, Spartanburg, Union, as well as others. He is knowledgeable in and has had much experience in the many facets of construction from the beginning to the completion of such projects.

Ground Water Assessment
Project Update - May 23, 1994

1. Submitted Assessment Plan to DHEC on February 25, 1994
2. Report based on summary presented to Council on February 15, 1994
3. DHEC approved Plan on April 15, 1994
4. Next step is to submit letter to DHEC regarding specific analysis methods
5. Then to conduct phase I beginning July 1 including:

- Hydropunch Drilling
- Screen Analysis
- Delineation of Plume
- Submit a Report to DHEC

6. We recommend that the drilling aspect of this project not go out to bids. We have worked with various drillers and feel comfortable with a few that can provide a quality job at a reasonable cost.

7. We will need the County to construct a Gravel Access Road surrounding the Seneca Landfill in order to allow the equipment to be accessible.

8. The probable cost for Phase I is:

Drilling	up to \$30,000
Consulting/Testing	up to \$20,000
=====	=====
Total as Presented to Council	up to \$50,000

Because of the large amount of unknowns associated with this project we recommend a 25% contingency as presented to Council. Thus the total project ceiling for Phase I is:

up to \$12,500

Additional costs that will have to be incurred that were not known at time of Council meeting:

Health & Safety Plan (CERCLA Site)	\$2,000
Evaluation of HW Regulations	\$1,500
Report to DHEC following Phase I	\$2,000

Total Probable Cost Estimate for Phase I: \$ 68,000

Commissioner: Douglas E. Bryant

Board: Richard E. Jabbour, DDS, Chairman
Robert J. Stripling, Jr., Vice Chairman
Sandra J. Molander, Secretary

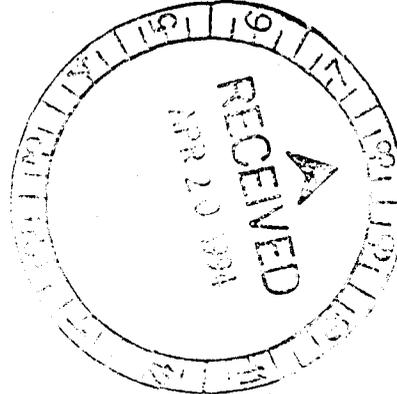
William E. Applegate, III,
John H. Burriss
Tony Graham, Jr., MD
John B. Pate, MD

Promoting Health. Protecting the Environment

April 15, 1994

Norman Crain
Oconee County Administrator
County Mailroom
Walhalla, SC 29691

RE: Site Assessment Plan Review
Seneca Landfill (DWP-041)
Oconee County



Dear Mr. Crain:

The Department appreciates the March 7, 1994 submittal of the Site Assessment Plan for the above-referenced site by Goldie & Associates. This plan is approvable with the following comments:

- During Phase II (Monitoring Well Installation), the Plan proposes "dual point" (cluster) monitoring wells where both wells are installed in the same borehole. Please note that proposed rising head slug tests should not be conducted on these wells due to the large borehole diameter. Data obtained during the slug test would reflect the hydraulic conductivity of the sand pack in the borehole and not the actual formational material (as discussed in phone conversations on 4/6/94 and 4/8/94 with Mr. David Devoe of Goldie & Associates). Slug tests conducted on "single point" wells are approvable.
- The method for screening and/or analysis of groundwater samples obtained during drive-point sampling is discussed in the Plan, but has not been finalized. The Department understands that Goldie & Associates will submit a method to the Department for approval prior to conducting sampling (phone conversation with Mr. David Devoe on 4/8/94).

Although the Department is approving all phases of the Site Assessment Plan at this time, the Department requests that the results of the Phase I sampling and proposed Phase II monitor well locations be submitted as soon as they are available. An approval letter for the Phase II monitoring wells may then be issued to the County.

In their letter dated February 14, 1994, Goldie & Associates discussed delaying assessment activities until mid-October. Because detectable levels of volatile organics have been found in the two downgradient monitoring wells during multiple sampling events since 1990, the Department requests that assessment activities begin no later than July 1, 1994.

Attached is a non-standard well approval letter for the drive-point sampling borings which will be installed during Phase I of the assessment.

If you have any questions or require further information, please call me at (803) 734-5471.

Sincerely,

Kim D. Tappa

Kim D. Tappa, Hydrogeologist
Solid Waste Section
Division of Hydrogeology
Bureau of Solid and Hazardous Waste Management

attach.

cc: Veronica Gorman, Facility Engineering
Eddie Clements, Appalachia I
David R. Devoe, Goldie & Associates

Non-standard Well Installation Approval Form

Date of Issue: 4/15/94

Approval No.: SW94-0016

Approval is hereby granted to: Oconee County

Permit: DWP-041

County: Oconee

This approval is for the installation of up to 17 drive-point borings (Type VI well designated in R.61-71) in accordance with the plan submitted to the Department by Goldie & Associates on March 7, 1994. Approval is provided with the following conditions:

1. Boring and sampling derived waste should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regard to contents, source, and date of activity.
2. A minimum of forty-eight (48) hours prior to initiation of drilling activities, please provide notice to Eddie Clements, Appalachia I District, EQC Office (803-260-5569) and Kim Tappa, Bureau of Solid and Hazardous Waste (803-734-5200).
3. Drive-point borings shall be installed by a well driller certified by the State of South Carolina.

This approval is pursuant to the provisions of Section 4-55-40 of the 1976 South Carolina Code of Laws and the Department of Health and Environmental Control Regulations R.61-71.

Approved by: Kim D. Tappa
Kim D. Tappa, Hydrogeologist
Solid Waste Section
Division of Hydrogeology
Bureau of Solid and Hazardous
Waste Management

BUDGET ADJUSTMENT AUTHORIZATION

Revised 07-01-90

DATE May 23, 1994 DEPARTMENT Purchasing CHANGE NO. _____

IT IS REQUESTED THAT THE FOLLOWING CHANGES BE MADE IN MY _____ BUDGET:

1. TO: Capital Expenditures # 10 - 056 - 00150 - 00840 \$ 150.00
(fill in line item name) (fill in line code)

FROM: Travel Out of County # 10 - 056 - 00150 - 00018 \$ 150.00
(fill in line item name) (fill in line code)

Justification: To purchase 4-drawer fireproof file cabinet.

2. TO: Capital Expenditures # 10 - 056 - 00150 - 00840 \$ 210.48
(fill in line item name) (fill in line code)

FROM: Schools/Seminar/Training # 10 - 056 - 00150 - 00084 \$ 210.48
(fill in line item name) (fill in line code)

Justification: To purchase 4-drawer fireproof file cabinet.

3. TO: Capital Expenditures # 10 - 056 - 00150 - 00840 \$ 200.00
(fill in line item name) (fill in line code)

FROM: Telephone # 10 - 056 - 00150 - 00041 \$ 200.00
(fill in line item name) (fill in line code)

Justification: To purchase 4-drawer fireproof file cabinet.

Marcianne Dillard
DEPARTMENT HEAD SIGNATURE

APPROVED: 5/24/94
Date of Council Meeting

DATE: _____
Received by Council Clerk

DISAPPROVED: _____
Date of Council Meeting

ATTEST: *April O. Green*
COUNCIL CLERK

BUDGET ADJUSTMENT AUTHORIZATION

Revised 07-01-90

DATE May 23, 1994 DEPARTMENT Purchasing CHANGE NO. _____

IT IS REQUESTED THAT THE FOLLOWING CHANGES BE MADE IN MY _____ BUDGET:

1. TO: Capital Expenditures # 10 056 00150 - 00840 \$ 130.00
(fill in line item name) (fill in line code)
FROM: Operational # 10 056 00150 - 00032 \$ 130.00
(fill in line item name) (fill in line code)

Justification: To purchase 4-drawer fireproof file cabinet.

2. TO: _____ # _____ \$ _____
(fill in line item name) (fill in line code)
FROM: _____ # _____ \$ _____
(fill in line item name) (fill in line code)

Justification: _____

3. TO: _____ # _____ \$ _____
(fill in line item name) (fill in line code)
FROM: _____ # _____ \$ _____
(fill in line item name) (fill in line code)

Justification: _____

Thomas Dillard
DEPARTMENT HEAD SIGNATURE

APPROVED: 5/24/94
Date of Council Meeting

DATE: _____
Received by Council Clerk

DISAPPROVED: _____
Date of Council Meeting

ATTEST: *Opal O. Green*
COUNCIL CLERK