

A M E N D E D A G E N D A

OCONEE COUNTY COUNCIL MEETING - TUESDAY, JANUARY 4, 1994

7:00 PM

1. Call to Order
2. Invocation
3. Approval of Minutes
4. Presentation Regarding Health Care Facilities in the County from the Hospital Board & Building Committee - Mr. W. H. Hudson, President, Oconee Memorial Hospital
5. Consideration of Transfer for Sheriff's Office - Mr. James Singleton, Sheriff
6. Consideration of Approval of Letter for Cherokee Foothills Scenic Highway Study & Management Plan - Mr. Steven Pelissier, Planning Director, COG
7. Consideration of Recommendation for Airport Manager
8. Consideration of Contract with E. H. Booker, M.D. for Medical Services for Inmates
9. Consideration of Proposal for Engineering Services for Closure of the Five Forks Landfill - Ms. Marianne Dillard, Purchasing Director & Mr. Jack Hirst, CCS Director
10. Consideration of Lease of Approximately Thirty-Five (35) Acres of Cultivated Land Owned by the County in the Five Forks Area
11. Old Business
12. New Business
13. Adjourn

6:45 PM Administrative Briefing

(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 MEETING

The regular meeting of the Oconee County Council was held Tuesday, January 4, 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, Keowee Courier, Westminster News, Anderson Independent, Greenville News, WGOG Radio, WBFM Radio, WCCP Radio, WZLI/WLET Radio, WYFF TV, & WLOS TV.

Press

Members of the press present: Ashton Hester - Keowee Courier, Dick Mangrum - WGOG Radio & Jennifer Berry - Greenville News.

The meeting was called to order by Supervisor Chairman Crain who welcomed the guests and media.

Call to Order

The invocation was given by Mr. Williams.

Invocation

Mr. Orr made a motion, seconded by Mr. Strickland, approved 5 - 0 that the portion of the minutes of the December 21, 1993 Council Meeting relating the Ordinance 93-8 be amended to include the following:

Minutes
(Amendment)

In addition to Mr. Adams, Mr. Bailes & Mr. Winchester, also present on behalf of the Sewer Commission to support passage of Ordinance 93-8 were Mr. Tommy Grant, Mr. Tom Petty and Mr. Wallace McMahan. Mr. Tommy Crumpton, a newly appointed member of the commission was also present.

Council was advised that the benefits to the county by participating in the loan program as opposed to conventional revenue bonds will include a savings of approximately \$3,000,000 to the people living in the cities and other users of the sewer system because of the low interest rates available from the state loan authority.

The minutes as amended were then adopted
5 - 0.

Mr. W. H. Hudson, President, Oconee Memorial Hospital & Mr. Archie Barron, Chairman of the Board addressed Council regarding the proposed expansion of the hospital and a thirty (30) year pay back versus a fifteen (15) year pay back of revenue bonds for the proposed expansion.

Hospital

Mr. Hudson informed Council that the proposed expansion would be two (2) stories with approximately 56,000 square feet at a cost of between \$9,000,000 and \$10,000,000.

Hospital

Mr. Keith Sikes of the Architectural Firm informed Council the expansion would be in front of the existing building, with the parking space being expanded. However, this does not include rerouting the roadway.

Level I of the proposed expansion would include emergency services, radiology and laboratory.

Level II of the proposed expansion would include labor and delivery, obstetrics, surgery and a central sterile supply area.

The expansions would be designed to expand as needed and easy flow through the entire facility.

Mr. Hudson further informed Council that long term medicare beds would have to be limited to 20,000 days of medicare beds per year. However, there are plans to increase the long term care beds at Lila Doyle by nine (9) beds by converting two (2) day rooms on each floor into semi private rooms and converting one (1) office into a semi private room.

Mr. Jim Boynton of the Hospital Finance Department informed Council that the length of the bonds were determined by the hospital's ability to meet the debt service and this was the reason for using the thirty (30) year pay back time.

After much discussion in which Mrs. Burrell expressed concerns with the thirty (30) year payback and Mr. Strickland expressed his desire to have the Hospital Board members elected, Mr. Strickland made a motion this request for approval of the proposed plans be referred to the Hospital Study Committee. This motion died for lack of a second.

Mr. Harper then made a motion, seconded by Mr. Orr, approved 4 - 1 (Mr. Strickland voting against) that the hospital expansion be adopted in concept only with the understanding that there will be a thirty (30) year payback of the bonds and an extension of the hospital lease.

Mr. Harper made a motion, seconded by Mr. Strickland, approved 5 - 0 that the attached transfer for the Sheriff's Office be adopted.

Sheriff
(Transfer)

Mr. Strickland made a motion, seconded by Mr. Harper, approved 5 - 0 that Oconee County participate in a

SC 11

Cherokee Foothills Scenic Highway Corridor Study and Management Plan. Council also went on record opposing restrictions limiting truck vehicle traffic on Highway 11.

Mr. Strickland made a motion, seconded by Mr. Harper, approved 4 - 0 that Mr. Orr be appointed to represent Oconee County on the Highway 11 Advisory Committee.

Committee
Highway 11
Advisory

Mr. Strickland made a motion, seconded by Mr. Orr, approved 4 - 1 (Mr. Williams voting against) that \$20,000 be taken from contingency for the hiring of a manager and assistant at the Oconee County Airport. The person hired for this position will be a county employee and answerable to the Supervisor-Chairman.

Airport
(Cont'cy)

Mrs. Burrell made a motion, seconded by Mr. Orr, approved 5 - 0 that the attached contract by and between Oconee County and Edward Henry Booker, M. D. for medical services for the inmates be adopted.

County
Physician
Contract

Mr. Harper made a motion, seconded by Mr. Strickland, approved 5 - 0 that the proposal for engineering services for the closure of the Five Forks Landfill of Goldie & Associates at a total cost of \$94,610 be adopted and the proposal for groundwater monitoring for Five Forks and Seneca Landfills at a total cost of \$13,500 as per section C, 2 "When it is to the advantage of Oconee County to acquire goods and/or services on the basis of a previously awarded bid or contract". (See attached proposals)

Landfills

Mr. Strickland made a motion, seconded by Mr. Orr, approved 5 - 0 that the attached transfer for CCS be adopted.

CCS
(Transfer)

Mr. Strickland made a motion, seconded by Mr. Williams, approved 5 - 0 that the lease for approximately thirty-five (35) acres of cultivated land owned by the county be awarded to Carol L. Hendrix who was high bidder at \$425 per year. (See attached bid)

Lease of
Cultivated
Land

Mr. Orr made a motion, seconded by Mr. Strickland, approved 5 - 0 that Mr. Michael Bond be extended credit at the Rock Crusher.

Rock
Crusher

Mrs. Burrell made a motion, seconded by Mr. Williams, approved 5 - 0 that the following commission appointments be made:

Commission
Appts.

Ernest Hesterberg - Arts Commission with term beginning immediately and expiring December 31, 1995

Linda Brune - Library Board with term beginning immediately and expiring June 30, 1997

Derrill Holcombe - Health & Sanitation Commission with term beginning immediately and expiring December 31, 1995.

Mr. Orr made a motion, seconded by Mr. Strickland that the following commission appointments be made with their terms beginning immediately and expiring December 31, 1997:

Richard Addis	Planning Commission
Dennis Marcus	Emergency Preparedness
Stan Cappiello	Arts & Historical
Eddie Mize	PRT Commission
Alvin Rochester	Aeronautics Commission
James A. Abercrombie	Health & Sanitation
James C. McMahan	Rural Fire

Also that Melinda Maksymowicz be reappointed to the Library Board with her term beginning immediately and expiring June 30, 1997.

Mr. Strickland made a motion, seconded by Mr. Orr, approved 5 - 0 that the following commission appointments be made with the terms beginning immediately and expiring December 31, 1997.

Michael Willimon	Aeronautics Commission
Nick Williams	Emergency Preparedness
Shirley Carter	Arts & Historical
Charles R. Williams, Jr.	Rural Fire
Ralph Nix	Health & Sanitation

Also that Mrs. Frances Abbott be reappointed to the Library Board with her term beginning immediately and expiring June 30, 1997.

Mr. Williams made a motion, seconded by Mr. Orr, approved 5 - 0 that the following commission appointments be made with the terms beginning immediately and expiring December 31, 1997:

Alfred Hunt	Planning Commission
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Tommy Grant	Emergency Preparedness
John Barnett	PRT Commission
Harry Tollison	Rural Fire

Mr. Harper made a motion, seconded by Mr. Orr, approved 5 - 0 that Mr. Wallace McMahan be reappointed to the Sewer Commission with his term commencing immediately and expiring December 31, 1997.

Mr. Crain stated he did not apologize for his position regarding the revolving loan fund for the Sewer Commission, however, he did apologize if he had offended anyone. He further stated that he felt the wrong vote was made for the wrong reason although he had no problem with the reason entered into the record. He also stated he felt the \$3,000,000 savings was an inflated figure, the county applied for a loan in the amount of \$8,190,000 to upgrade the sewer facility and he supported this upgrade, however, he did not feel the way the upgrade was being financed was legal or ethical.

Sewer
Loan

Mr. Crain asked that the attached copy of Oconee County Resolution 76-12 and the attached copy of Ordinance 93-8 be entered into the records.

One of Mr. Crain's concerns is the fact that Resolution 76-12 states in part that "Be it Resolved, the Oconee County Election Commission shall cause to be held on the thirteenth day of April, 1976, a referendum of Oconee County on the question of whether or not the County Government of Oconee County should construct, maintain and operate a sewage disposal system, serving some or part of Oconee County; conditioned, nevertheless, on the fact that such system, its operation, maintenance and construction be financed entirely by grants from State or Federal Agencies and from the sale of revenue bonds, pledging only the fees charged by the users of such system and in no event shall the full faith and credit of Oconee County be pledged or charged with repayment of any financial obligation of such utility system."

Ordinance 93-8 states in part that "To secure its obligations the County will grant to the State Authority a pledge of, and lien upon all Revenues (as defined in the Bond Ordinance) of the System after adequate provision for Expenses of Operating and Maintaining the System (as defined in the Bond Ordinance)."

Mr. Crain further stated he could not support Ordinance 93-8 in good conscious, he does however, support the upgrade of the sewer facility and he will support revenue bonds

Page 6
January 4, 1994

for the upgrade of the facility. He feels the Ordinance is a breach of trust of the citizens of the county.

Mr. Crain also stated that he felt the ordinance was in conflict with the referendum authorizing the construction of the sewer facility. (Copy attached)

Mr. Crain further stated he could not support the bond ordinance due to the fact that neither the county attorney or bond counsel would render an opinion regarding the pledging of state aid to subdivisions as is stated in the ordinance.

Mr. Cain, County Attorney, stated a resolution does not have the force of law, he felt the referendum spoke for itself and he had no problem with the action taken by Council.

Some of the Council Members stated they felt the vote they cast was legal.

Adjourn: 9:10 PM

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

BUDGET ADJUSTMENT AUTHORIZATION

Revised 07-01-90

DATE 1/4/94 DEPARTMENT Sheriff CHANGE NO. 01

IT IS REQUESTED THAT THE FOLLOWING CHANGES BE MADE IN NY 93- - 94 BUDGET:

1. TO: Transfer from DEA # 10-080-00170-04844 \$ 10,603.00
(fill in line item name) (fill in line code)

FROM: DEA Fund (State) # 13-004-00150-04844 \$ 10,603.00
(fill in line item name) (fill in line code)

Justification: Needed to pay the 25% county share of the D.A.R.E. Program.

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: _____

Jama Singleton
DEPARTMENT HEAD SIGNATURE

APPROVED: 1/4/94
Date of Council Meeting

DATE: _____
Received by Council Clerk

DISAPPROVED: _____
Date of Council Meeting

ATTEST: Opal O. Breen
COUNCIL CLERK



Appalachian

COUNCIL OF GOVERNMENTS

50 Grand Avenue • PO Drawer 6668
Greenville, SC, 29606 • (803) 242-9733

DEC 28 1993

December 20, 1993

Mr. Norman Crain, Supervisor
Oconee County
208 Booker Drive
Walthalla, South Carolina 29691

Re: Cherokee Foothills Scenic Highway (S.C. 11) Corridor Study and Management Plan

Dear Mr. Crain:

As you may know, the Appalachian Council of Governments has recently proposed that a corridor study and management plan for the Cherokee Foothills Scenic Highway (SC 11) be conducted. I am contacting you to request a letter of endorsement from Oconee County Council for this project. The impetus for such a project has come directly from regional recommendations made by the Appalachian Development Partnership. Though the bulk of the Partnership effort has been directed at hard infrastructure facilities such as water and sewer, land use planning and tourism issues have been identified as well. In fact, nearly all of the county issue work groups (including the one in Oconee County) specifically identified the Cherokee Foothills Scenic Highway as a key resource which must be considered in a comprehensive manner in the near future.

As a result of such regional interest, the ACOG Board has encouraged staff to seek funding for the project. Currently, my staff and I are preparing a grant application requesting funding from the Federal Scenic Byways Program. The Scenic Byways Program is administered by the U.S. Department of Transportation, and is funded as part of the 1991 Intermodal Surface Transportation Efficiency Act (ISTEA). We have every reason to believe that the Highway 11 project meets all program criteria and will receive a high ranking. The application deadline is January 15, 1994, however, letters of endorsement may be submitted until January 25, 1994. Understandably, this is fairly short notice for you and the other council members, however, your effort to assist us with an endorsement letter is greatly appreciated. If for some reason the project is denied funding, and there is sufficient support to continue pursuing the project, then we will look for alternative funding sources.

The S.C. 11 corridor crosses through five independent jurisdictions, creating a major obstacle to maintaining balance and consistency along the entire length of the corridor. Hence, in order for the project to be successful, it must involve staff and policy makers from each of the corridor counties. It seems appropriate then that the project be guided by a Highway 11 Advisory Committee. The committee should serve as a sounding board for policy recommendations, and to foster support at the local level for the planning initiatives. Additionally, it should ensure that any plans which arise as part of the process are feasible with respect to adoption and implementation by the individual county councils. Once the project is underway, it is our intention to form such a committee, and I would like to invite you or an appointed representative from County Council to serve on that committee during the planning process.

My staff and I look forward to working with each of the corridor counties as this project gets under way. I will call you next week to provide further information and answer any questions which you may have regarding the project. Additionally, I will be happy to present this request in person to the Council at your first meeting in January.

Sincerely,

Steven R. Pelissier
Planning Director

SAMPLE LETTER OF SUPPORT

For:

SC 11 - CHEROKEE FOOTHILLS SCENIC PARKWAY MANAGEMENT PLAN

Mr. Robert Strother
Executive Director
Appalachian Council of Governments
P.O. Drawer 6668
Greenville, South Carolina 29606

Dear Mr. Strother:

On behalf of the _____ County Council, I would like to express our enthusiastic endorsement of the Cherokee Foothills Scenic Highway Corridor Study and Management Plan currently proposed by the Appalachian Council of Governments.

S.C. 11 is truly one of the spectacular scenic highways in the state, with magnificent mountain and lake views, and access to popular destinations like Table Rock, Devil's Fork, and Caesar's Head State Parks. As growth in the upstate is continues and development pressures mount, it appears evident that now is the time to plan for the future of this valuable asset. Indeed, the preservation of the natural scenic resources and character of the corridor is vital to sustained tourism in the upstate. Certainly, any promotion of tourism in this area would not only benefit the corridor counties, but would in turn expand the economic base of surrounding counties, ultimately helping all of South Carolina.

Additionally, equally important are the portions of SC 11 which are conducive to commercial and residential development, and which should be identified and included in any management plan. Current management (or lack thereof) can be enhanced through regional cooperation and planning. Any comprehensive attempt to guide growth and development is in the public interest.

We certainly support the Appalachian Council of Governments in its bid for federal ISTEA grant funding. The investment which such funding represents in South Carolina's travel and tourism market, as well as in the quality development which will occur as a result of substantial planning along the scenic corridor is invaluable. Thank you for your attention to this application and endorsement.

Sincerely,

John Doe, Chairman
_____ County Council

STATE OF SOUTH CAROLINA)
COUNTY OF OCONEE)

MEMORANDUM OF AGREEMENT

This Agreement entered into in duplicate originals this 4th day of January, 1994, by and between Edward Henry Booker, M.D., (hereinafter referred to as ("Physician") and Oconee County (hereinafter referred to as "County")):

WHEREAS, Oconee County is a body politic located in Oconee County, South Carolina; and

WHEREAS, Edward Henry Booker, M. D., is a physician licensed to practice medicine in the State of South Carolina and currently has his practice located in Oconee County, South Carolina; and

WHEREAS, the Physician and the County have entered into an agreement for the furnishing of medical services to the County and now desire to reduce the Agreement to writing;

NOW THEREFORE, for and consideration of the mutual covenants and agreements contained herein, the parties agree as follows:

1. Physician agrees to provide, as an independent contractor, routine medical care and treatment to the inmates, sentenced and unsentenced, of the Oconee County Law Enforcement Center.
2. For the services rendered under the terms of this Agreement, County agrees that Physician shall be compensated the sum of \$10,000.00 per year. Included in this payment shall be ordinary physician fees and charges for routine medical and surgical supplies and drugs.

Memorandum of Agreement

Oconee County & Dr. Booker

3. The term of this Agreement shall be for a period of one (1) year from the effective date hereof, that is, the Agreement shall commence as of January 5, 1994, and will terminate on January 5, 1995.
4. It is mutually understood and agreed that the Physician undertakes the duties and services required of him herein as an independent contractor and that no employer-employee relationship exists between the parties. Physician specifically requests that the consideration to be paid to him under the terms hereof not be subject to payroll or withholding deductions, state, federal or other, and that Physician will be solely responsible for reporting the same to taxing authorities. Further, Physician will be responsible for and provide his own professional liability insurance coverage and will protect and save harmless the County from any claim or suit at law or in equity for damages of any kind, including costs and attorney fees incurred in the defense of any such action, arising out of the performance, non-performance, or negligence in the performance of the duties undertaken by Physician herein.
5. Physician agrees to perform the duties undertaken by him pursuant to this Agreement in accordance with accepted medical standards and practice.

Page 3

Memorandum of Agreement

Dr. Booker

6. This Agreement shall not be assigned by either party without prior written consent of the other party hereto.
7. This Agreement is binding upon each of the parties hereto and their Heirs, Administrators, Personal Representatives, Successors and Assigns. By signing below, each party acknowledges receipt of one original of this Agreement.

Witnesses:

Edward Henry Booker, M.D.

OCONEE COUNTY

Norman D. Crain
Supervisor-Chairman
Oconee County Council

**EXECUTIVE SUMMARY
FIVE POINTS LANDFILL CLOSURE**

As required by Federal and State regulations, the Five Points Landfill has to be closed. The first step of closure took place last October when the facility stopped receiving waste. Complete closure is accomplished through the grading of the site to stabilize site runoff, the addition of a 1 foot clay layer to minimize water infiltration into the landfill, and addition of a 1 foot erosion layer. This work has yet to be done.

The closure of the site will be accomplished through a series of tasks as outlined below:

1. Development of Plans and Specifications to be submitted to the State Land Resources Commission
2. Investigation for Borrow Soil Site
3. Development of Bid Documents
4. Grading and Construction of Cover
5. Site Testing and Verification During Cover Installation
6. Gas Monitoring Well Installation
7. Final Closure Certification

**EXECUTIVE SUMMARY
GROUND WATER STUDIES AT LANDFILLS**

Based on two letters from the South Carolina Department of Health and Environmental Control (DHEC), Oconee County is required to further study ground water at both landfills. Specifically, these letters require the following:

1. **ASSESSMENT PLAN:** A written document that details how the county will further study ground water impact from the landfills.
2. **WATER WELL INVENTORY:** A summary of wells within a one mile radius of each of the landfills. This summary must include names and addresses of property owners with wells and any construction information related to the wells if available.
3. **UPDATE OF PLANS:** The State also requires an update of two plans previously prepared.

Except for the Assessment Plan at Seneca Landfill, this work must be submitted to DHEC by February 28, 1994. The Assessment Plan for the Seneca Landfill can be submitted March 30, 1994. To meet these deadlines, the work must begin immediately.

GOLDIE & ASSOCIATES

*engineering, environmental
and laboratory services*

December 17, 1993

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

Re: December 1, 1993 Letter from DHEC
Ground Water at Five Points Landfill
Proposal P93106

Dear Ms. Dillard:

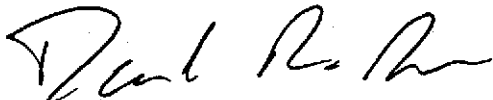
Enclosed is a proposal for providing the services to address the items identified in the December 1, 1993 and December 8, 1993 letters from Mr. Jim Bowman of the South Carolina Department of Health and Environmental Control (DHEC) to Mr. Jack Hirst of the Oconee City-County Sanitation Commission.

Acceptance of this proposal can be acknowledged through issuance of a purchase order for the amounts specified in the proposal. To meet the compliance schedule at the enclosed cost schedule, Goldie & Associates will require notification of acceptance by 5:00 pm December 23, 1993.

We appreciate your consideration and look forward to working with Oconee County.

Sincerely,

GOLDIE & ASSOCIATES



David R. Devoe
Group Leader
Environmental Services Group

**PROPOSAL TO OCONEE COUNTY
FOR ENVIRONMENTAL SERVICES RELATED TO LANDFILLS
GOLDIE & ASSOCIATES PROPOSAL P93106**

BACKGROUND

In letters dated December 1, 1993 and December 8, 1993 to Mr. Jack Hirst of Oconee City County Sanitation (OCCS) from Mr. Jim Bowman of the South Carolina Department of Health and Environmental Control (DHEC), deadlines were given for submittal of materials to DHEC regarding Ground Water at the Five Points and Seneca Landfills. These deadlines are as indicated below:

FIVE POINTS LANDFILL

1. Assessment Plan
February 28, 1994
2. Water Well Inventory
January 30, 1994
3. Statistical Analysis Plan/Post Closure Plan Modifications
January 30, 1994

SENECA LANDFILL

1. Assessment Plan
March 30, 1994
2. Water Well Inventory
January 30, 1994

As requested by Oconee County, Goldie & Associates has prepared a proposed scope of services and a cost estimate to provide services that address the requirements of these letters.

ASSESSMENT PLAN

Based on the requirements of the December 1, 1993 letter as referenced above, Goldie & Associates proposes to prepare a Ground Water Assessment Plan. This plan will include the following:

1. **REVIEW:** A review of OCCS records for information regarding ground water monitoring results and hydrogeologic evaluations of the landfill(s).
2. **SITE EVALUATION:** Conduct site visits to evaluate area terrain and how it pertains to the site hydrogeology.
3. **GROUND WATER MONITORING:** Description of proposed hydrogeologic investigation including locations and approximate depths of anticipated ground water sampling points.

4. GROUND WATER FLOW: Description of procedures to evaluate ground water flow.
5. CONSTRUCTION DETAILS: Provide ground water monitoring well construction details per DHEC requirements.
6. SURFACE WATER SAMPLING: Description of surface water sampling procedures and locations.
7. SCHEDULE: Prepare a schedule to conduct the assessment as outlined in the plan.
8. COST:

Five Points Landfill	\$ 3,000
Seneca Landfill	\$ 3,000
Both Landfills Combined	\$ 5,500

WELL INVENTORY

A well inventory will be conducted of an area of one mile radius surrounding the landfill(s) which will include drinking water and agricultural wells. This project will include the following:

1. STATE RECORDS REVIEW: A review of the South Carolina Water Resources Commission water well records.
2. OCONEE COUNTY RECORDS REVIEW: A review of Oconee County records including those from the Tax Assessors Office and the 911 Office regarding local resident names and addresses.
3. CONTACT PROPERTY OWNERS: Contact property owners to obtain further information.
4. REPORT: A report summarizing the findings of the survey including names, addresses, and well construction details if available. This report will include those wells identified in items #1 and #2 as specified above and those individuals who were willing respondents to item #3.
5. COST:

Five Points Landfill	\$ 2,500 - \$3,500
Seneca Landfill	\$ 2,500 - \$3,500
Both Landfills Combined	\$ 4,500 - \$6,500

Note: Range in cost due to uncertainty of resident participation and availability of requested information.

December 17, 1993
Proposal P93106
Page 3 of 4

ADDENDUM OF STATISTICAL PLAN AND FIVE POINTS POST CLOSURE PLAN

These documents will be modified as indicated in the December 1, 1993 letter to Jack Hirst. This project will include:

1. **REVIEW PLANS:** Review existing Statistical and the Five Points Post Closure Plans.
2. **REVIEW GUIDANCE DOCUMENT:** Review EPA documents and related regulations regarding preparation of statistical analysis plans.
3. **MODIFY PLANS:** Modify Statistical and the Five Points Post Closure plans through submission of letter with addendums to DHEC.
4. **COST: Modification of Plans** \$ 1,500

COST

The total cost to provide these services are as follows:

1. Items in December 1, 1993 Letter Only \$ 7,000 - 8,000
2. Items in December 8, 1993 Letter Only \$ 5,500 - 6,500
3. Items In Both Letters Performed Concurrently
\$ 11,500 - 13,500

TERMS AND CONDITIONS

1. Invoices will be submitted once a month for services performed during the prior month. Payment will be due within 15 days of receipt of invoice. Interest will be added to delinquent accounts at a rate of one and one half percent for each month of delinquency. The client agrees to pay Goldie & Associates cost of collection of all amounts due and unpaid after 60 days, including court costs and reasonable attorney's fees.
2. To meet the compliance schedule, Goldie & Associates will require notification of acceptance by 5:00 pm December 23, 1993.
3. To indicate your acceptance for this work to be conducted, please issue a purchase order in the amounts as indicated in the Scope of Services section of this document. Please reference this proposal in the purchase order. Upon issuance of a purchase order, Goldie & Associates will proceed with the project.
4. Due to the uncertainty of area residents participation, Goldie & Associates can not guarantee that the Well Surveys will have 100% coverage. However, we will put forth a good faith effort to provide as complete a list of the requested information as possible.

South Carolina
DHEC
Department of Health and Environmental Control
2600 Bull Street, Columbia, SC 29201

Commissioner: Douglas E. Bryant

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

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

Promoting Health, Protecting the Environment

December 1, 1993

CERTIFIED MAIL

Mr. Jack Hirst
Solid Waste Director
Oconee City-County Health and Sanitation Commission
208 Booker Drive
Walhalla, SC 29691

RE: Post-Closure Groundwater Monitoring Plan, Five Forks Landfill,
DWP-084, Oconee County

Dear Mr. Hirst:

The Department appreciates the submittal of the Closure/Post Closure Plans for the Five Forks Landfill (DWP-084) dated April 1992. The Division of Hydrogeology concurs with the proposal in the Plan to install new wells at the site and conduct post-closure groundwater monitoring for a period of thirty years.

The objectives of post-closure monitoring are to detect the potential impact to groundwater from a landfill and assess the extent of groundwater contamination, if present. In the case of the Five Forks Landfill, groundwater monitoring conducted during the operation of the facility has already indicated an impact to groundwater. Analyses of groundwater samples collected from well MW-6P (MW-6) on 12/21/90, 11/12/91, 7/13/92, and 10/14/92 have already detected volatile organic compounds (VOC's) at concentrations exceeding both natural background conditions and state and Federal Drinking Water Standards. Since well MW-6P is located directly downgradient of an area where several leachate outbreaks have been observed, the Department believes that the VOC contamination detected in MW-6P is the result of a release from the landfill. For this reason, the Department requests that the post-closure groundwater monitoring plan be expanded to include an assessment of the apparent VOC contamination. Furthermore, the number and location of the wells that are to be monitored during the post-closure period should be based on the results of a groundwater quality assessment report. Additional information regarding the Department's guidelines for the groundwater quality assessment and post-closure monitoring is provided as follows:

*Post
Closure*



I. ASSESSMENT OF GROUNDWATER IMPACT

The Department requests that Oconee County submit a plan to conduct an assessment to determine the nature and extent of groundwater contamination at the landfill. The plan should describe the methods that will be used to conduct the assessment and contain an implementation schedule. The assessment should also address the rate and direction of contaminant transport and recommend possible corrective action measures. Oconee County must submit an assessment plan to the department no later than February 28, 1994. Further Department guidance on the preparation of the assessment plan is provided as follows:

Assessment Plan
Feb 28, '94

A. Installation of New Wells

The Department approves of the proposal in the Plan to install two new wells (MW-7 and MW-8) at the site. However, the groundwater assessment plan should propose the installation of additional shallow wells and wells in the deeper saprolite zone to assess the vertical and lateral extent of contamination in the uppermost aquifer underlying the site. The County should consider appropriate groundwater quality screening techniques to select the locations for the new wells and to rapidly delineate the extent of contamination. The groundwater quality screening techniques can also be used to identify the source area or areas of groundwater contamination.

?

mobile lab hydrog.

analysis?

The groundwater assessment plan should include a request to install MW-7, MW-8 and the new assessment wells. Plans to install these wells should include the procedures for well installation, well locations, well construction details and cross-sectional diagrams of the proposed monitoring wells. For the groundwater assessment, the existing wells and the proposed assessment wells should be monitored for the following parameters: field pH, field specific conductance, and the 15 metals and 47 Volatile Organic Compounds (VOC's) in Appendix I to 40 CFR part 258 (attached). The Volatile Organic Compounds should be analyzed by EPA Method 624 or SW 846 Method 8240. The metals analyses should be performed on unfiltered groundwater samples.

XSECT

Cons. of

B. Surface Water Monitoring

The Department also requests that the assessment provide conclusive evidence whether or not the groundwater contamination has impacted surface water bodies directly downgradient of the landfill. Oconee County should monitor the unnamed tributary of Coneross Creek at locations south and east of the landfill. The Department recommends three surface water monitoring points, one background point located upstream from the landfill, a second monitoring point located directly downgradient of well MW-6P, and

a third monitoring point located directly downgradient and downstream from well MW-5P (MW-5). The surface water samples should be analyzed for the following parameters: field pH, field specific conductance, and the 15 metals and 47 Volatile Organic Compounds (VOC's) in Appendix I to 40 CFR part 258 (attached). The Volatile Organic Compounds should be analyzed by EPA Method 624 or SW 846 Method 8240. The metals analyses should be performed on unfiltered surface water samples. The Department's concern about the potential degradation of surface water quality are largely based on the observation of leachate seeping from the landfill and the proximity of well MW-6 to the unnamed tributary of Coneross Creek.

II. WATER WELL INVENTORY

well inventory
done
door to door

To ensure protection of groundwater users in the vicinity of the landfill, Oconee County should conduct a water well inventory of drinking water and agricultural wells within a one-mile radius of the landfill. Please note that the inventory of drinking water wells should include an inventory of all public wells within a one-mile radius of the landfill in addition to the private wells. For each well the inventory should provide the following information: name and address of the well owner, well depth, and construction details. The Department requests that the results of the water well inventory be submitted to the Department no later than January 30, 1994.

Anticipate subsequent sampling and analysis or at least notification by DHEC

III. SAMPLING AND ANALYSIS PLAN

The Department appreciates the submittal of the July 28, 1993 revision to the Sampling and Analysis Plan for the Five Forks Landfill dated January 3, 1992. The revision thoroughly addresses the Department's initial comments on the Sampling and Analysis Plan that were provided in a letter dated July 13, 1992. The Department approves the revised procedures provided in the July 28 submittal and requests that the approved procedures be incorporated into the revisions to the Post-Closure Plan for the facility.

IV. POST-CLOSURE GROUNDWATER MONITORING REQUIREMENTS

A. Semi-annual Groundwater Monitoring

Routine groundwater monitoring during the post-closure period should be conducted on a semi-annual basis. Each semi-annual event should consist of measuring water levels in the wells and analyzing groundwater samples for the following parameters: field pH, field specific conductance, and the 15 metals and 47 Volatile Organic Compounds (VOC's) in Appendix I to 40 CFR part 258 (attached). The number and location of wells to be monitored during the post-closure period should be based on the results of the groundwater quality assessment results.

B. Annual Groundwater Report

In addition to the semi-annual monitoring requirements, annual groundwater reports should be submitted for the facility during the post-closure period. The annual report should provide a discussion of the two most recent sets of groundwater quality data. Piezometric surface maps based on the semi-annual groundwater elevation measurements should be included. Finally, the report should include a statistical evaluation of the metals and indicator parameter data (pH, specific conductance) to determine if groundwater has been impacted. Based on the results of the annual report, the county may petition for modification of the post-closure monitoring requirements or recommend changes to the groundwater monitoring system.

JAN 30 94

C. Submittal Schedule

The Department requests that the Post Closure Plan include a submittal schedule for the semi-annual groundwater monitoring results and the annual report. We also request that the post-closure groundwater monitoring results be submitted to the Department on October 15 and April 15 of each year and that the annual groundwater report be submitted to the Department on October 15th.

V. STATISTICAL ANALYSIS PLAN

Revision letter
day or 10

JAN 30 94

The Department appreciates the submittal of the Statistical Analysis Plan for Groundwater Monitoring dated April 1992 prepared by Texidyne, Inc. on behalf of Oconee County. In general, the Statistical Analysis Plan provides for a thorough evaluation of groundwater quality at the site. However, the Department request that Oconee County submit a revision to the Plan that addresses the following comments:

1. It is the position of the Department as per R.61-107.58 that a statistical evaluation is not required for the 47 Volatile Organic Compounds (VOC's) to be monitored during the Post-Closure Period. Instead, the results of the VOC analysis should be compared to current groundwater quality standards in the Water Classification and Standards (R.61-68). For example, a positive detection of a VOC that is regulated by R. 61-68 would be compared to the Class GB water quality standard listed for that VOC as specified in the Water Classification and Standards. If concentrations of a VOC for a monitoring well are determined to exceed the standard (R.61-68) for that VOC, then Oconee County should notify the Department in writing within seven (7) days of making that determination and immediately resample the monitoring well to verify the initial detection.

2. The statistical procedures that are proposed in the plan can be performed on a semi-annual basis once the background (baseline) values for groundwater quality have been determined. Therefore, the plan should ensure that once the background (baseline) groundwater quality is determined for each parameter, a statistical evaluation of groundwater data will be performed on a semi-annual basis. If a semi-annual statistical evaluation indicates that a statistically significant change to groundwater has occurred, then Oconee County should notify the Department within seven (7) days of making the initial determination that a significant trend or significant difference over background exists. Otherwise, the results of the semi-annual statistical evaluations for a year should reported to the Department only in the annual report (see Section IV of this letter).

3. The plan does not provide sufficient details on how existing and/or future semi-annual groundwater monitoring data will be used to obtain the initial minimum amount of groundwater quality data needed to determine the baseline (background) groundwater quality for the selected statistical procedures. Oconee County should indicate which semi-annual sampling events will be to used to provide data for determining baseline values for pH, field specific conductance, and the 15 metals in Appendix I of 40 CFR Part 258.

4. Oconee County should also propose a method for evaluating a censored background data set for a parameter that consists of 100 % nondetects. The plan should also ensure that the methods for evaluating this type of censored data set are as conservative as the methods in Section 8 of the EPA statistical guidance document, Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance.

5. Since the plan will be used to determine baseline values for new parameters (15 metals in Appendix I), the plan should include tests for normality and data transformation in the event that any new data is not normally distributed.

The Department requests that Oconee County submit revisions to the Closure/Post Closure Monitoring Plan that address our comments in Sections III, IV, and V above no later than January 30, 1994. The revised Plan should state that the wells to be monitored during the post-closure period will be selected on the basis of the results of the groundwater quality assessment.

The Department appreciates the willingness of Oconee County to provide a Post-closure Plan for the Five Forks Landfill that is protective of human health and the environment. If you have any questions or require additional information, please call me at 734-4928.

Sincerely,



Jim Bowman, Hydrologist
Division of Hydrogeology
Bureau of Solid and Hazardous Waste
Management

JB/jb

cc: Michael Drake, Appalachia I
Veronica Gorman, Facility Permitting

Attachment I

Common Name	CAS RN
Ph	
Specific Conductance	
Antimony	Total
Arsenic	Total
Barium	Total
Beryllium	Total
Cadmium	Total
Chromium	Total
Cobalt	Total
Copper	Total
Lead	Total
Nickel	Total
Selenium	Total
Silver	Total
Thallium	Total
Vanadium	Total
Zinc	Total
Acetone	67-64-1
Acrylonitrile	107-13-1
Benzene	71-43-2
Bromochloromethane	74-97-5
Bromodichloromethane	75-27-4
cis-1,3-Dichloropropene	10061-01-5
trans-1,3-Dichloropropene	10061-02-6
Ethylbenzene	100-41-4
Bromoform	75-25-2
2-Butanone (Methyl ethyl ketone)	78-93-3
Carbon disulfide	75-15-0
Carbon tetrachloride	56-23-5
Chlorobenzene	108-90-7
Chloroethane	75-00-3
Chloroform	67-66-3
Dibromochloromethane	124-48-1
1,2-Dibromoethane	106-93-4
o-Dichlorobenzene	95-50-1
p-Dichlorobenzene	106-46-7
trans-1,4-Dichloro-2-butene	110-57-6
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8
1,1-Dichloroethane	75-34-3
1,2-Dichloroethane	107-06-2
1,2-Dichloropropane	78-87-5
2-Hexanone	591-78-6
Iodomethane	74-88-4
Methylene chloride	75-09-2
Methyl bromide	74-83-9
Methyl chloride	74-87-3
Methylene bromide	74-95-3
4-Methyl-2-pentanone	108-10-1
1,1-Dichloroethene	75-35-4
trans-1,2-Dichloroethene	156-60-5

Attachment I (cont)

Common Name	CAS RN
cis-1,2-Dichloroethene	156-59-2
Styrene	100-42-5
1,1,1,2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloroethylene	127-18-4
Toluene	108-88-3
1,1,1-Trichloroethane	71-55-6
1,1,2-Trichloroethane	79-00-5
Trichloroethene	79-01-6
Trichlorofluoromethane	75-69-4
1,2,3-Trichloropropane	96-18-4
Vinyl acetate	108-05-4
Vinyl chloride	75-01-4
Xylene	1330-20-7

South Carolina
DHEC

Department of Health and Environmental Control
2600 Bull Street, Columbia, SC 29201

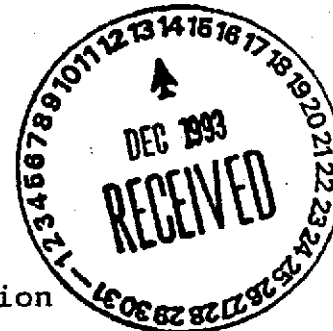
Commissioner: Douglas E. Bryant

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

December 8, 1993



CERTIFIED MAIL

Mr. Jack Hirst
Solid Waste Director
Oconee City-County Health and Sanitation Commission
208 Booker Drive
Walhalla, SC 29691

RE: Groundwater Quality Assessment for the Seneca Landfill,
Permit# DWP-041, Oconee County

Dear Mr. Hirst:

The Division of Hydrogeology has conducted a review of groundwater quality data obtained from the three monitoring wells at the above-referenced facility. According to the data, a total of seven volatile organic compounds have been detected over a two-year period in both of the downgradient wells (MW-2 and MW-3). During this two year period, multiple, independent monitoring events have verified that the VOC detections exceed both natural background conditions and state and Federal groundwater quality standards.

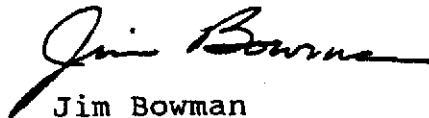
For the Seneca Landfill (DWP-041) to continue in compliance with the state regulations for Municipal Solid Waste Landfills (R.61-07.258) and the operation permit, Oconee County must submit to the Department a groundwater quality assessment plan. The groundwater quality assessment plan should propose detailed methods for characterizing the nature and extent of the VOC release. The assessment should also address the rate and direction of contaminant transport and recommend possible corrective action measures. Oconee County must submit an assessment plan to the department no later than March 30, 1994.

Specifically, the groundwater assessment plan should propose the installation of additional shallow wells and wells in the deeper saprolite zone (transition zone) to assess the vertical and lateral extent of contamination in the uppermost aquifer underlying the site. The County should consider appropriate groundwater quality screening techniques to select the locations for the new wells and to rapidly delineate the extent of contamination. The groundwater quality screening techniques can also be used to identify the source area or areas of groundwater contamination. The Department also requests that the assessment plan propose methods to determine whether or not the groundwater contamination has impacted surface water bodies directly downgradient of the landfill.

To ensure protection of groundwater users in the vicinity of the landfill, Oconee County should conduct a water well inventory of drinking water and agricultural wells within a one-mile radius of the landfill. Please note that the inventory of drinking water wells should include an inventory of all public wells within a one-mile radius of the landfill in addition to the private wells. For each well the inventory should provide the following information: name and address of the well owner, well depth, and construction details. The Department requests that the results of the water well inventory be submitted to the Department no later than January 30, 1994.

The Department appreciates the willingness of Oconee County to address the groundwater quality conditions at the Seneca Landfill. Effective today, I will no longer be assigned to the Solid Waste Section of the Division of Hydrogeology. Therefore, if you have any questions or require additional information, please call Mr. Blake Burgess, Manager of the Solid Waste Section, at 734-4744.

Sincerely,



Jim Bowman
Division of Hydrogeology
Bureau of Solid and Hazardous Waste
Management

JB/jb

cc: Michael Drake, Appalachia I
Veronica Gorman, Facility Permitting

December 30, 1993

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

GOLDIE & ASSOCIATES

*engineering, environmental
and laboratory services*

Re: Five Points Landfill Closure
Engineering Cost Estimate
Proposal P93100

Dear Ms. Dillard:

We appreciate the opportunity to provide engineering services related to closure of the Five Points Landfill.

Please be aware that we have conducted an initial time estimate to complete the project and anticipate that closure may not be completed until late fall 1994 depending upon review schedule of Land Resources Commission and other factors.

Enclosed is a revised proposal to provide the services requested for closure of the Five Points Landfill. We have increased the construction period from 13 weeks to 16 weeks, since we feel that the 13 weeks may result in limited bidding participation by contractors.

Please note the total amount of services has increased due to the following:

1. Item #5 - Investigation for Borrow Soil - We increased the cost of this item at the Countys request to include two site investigations.
2. Item #7 - Construction - We increased the cost for this phase to include the longer construction period (16 weeks) and to provide project management.
3. Item #8 - Administration - We increased the cost for this item to allow for unspecified meetings per the Countys request for meetings when deemed necessary.
4. Item #9 - Cover Cost Comparison - This is a new item that we added at the Countys request.
5. Item # 10 - Gas Monitoring - This is a new item that we added at the Countys request.

We also included a 5% Contingency.

Goldie & Associates is located approximately 15 miles from the Five Points Landfill. We can and will respond quickly to requests from our clients and regulatory agencies.

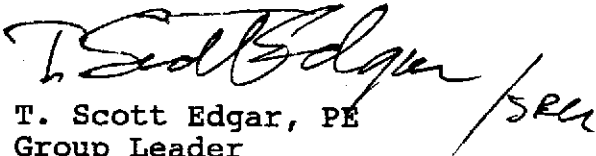
If this proposal meets with your approval, we will be happy to forward a contract for your execution to begin preliminary design on this project. I hope this information is sufficient in evaluating our services.


Please note, we request that these costs be confidential during the contract period in the event that the County Council decides to request bids from other consultants.

If you require further information or have any questions, please call. We look forward to working for Oconee County.

Sincerely,

GOLDIE & ASSOCIATES

 T. Scott Edgar, PE
Group Leader
Civil Engineering Group

 David R. Devoe
Group Leader
Environmental Services Group

**PROPOSAL TO OCONEE COUNTY
FOR LANDFILL CLOSURE ENGINEERING SERVICES
GOLDIE & ASSOCIATES PROPOSAL P93100**

BACKGROUND

Oconee County, South Carolina stopped receiving solid waste at its Five Points Landfill on October 8, 1993. As required by the South Carolina Department of Health and Environmental Control, this landfill must be closed as specified in R.61-107.258.

On December 9, 1993 and December 27, 1993 representatives from Oconee County and Goldie & Associates met to discuss site closure. Oconee County officials requested a cost estimate for engineering services related to the closure. The following itemizes these services and assumptions used to derive their costs.

SCOPE OF SERVICES

1. PROJECT PLANNING AND LIAISON WITH DHEC

Meet with Oconee County officials to discuss project planning and schedule. Review project scope with representatives of the South Carolina Department of Health and Environmental Control. Project review and setup.

Part #1 Estimated Cost: \$ 2,000

Note:

Includes one day trip to Columbia, SC for two representatives from Goldie & Associates to meet with DHEC officials.

2. SITE RECONNAISSANCE

Assist the county with identification of structures, utilities, and waste material prior to site grading. This includes a site visit with a County Official to survey the present site condition, development of punch list of items to have corrected, and management of corrective action.

Part #2 Estimated Cost: \$ 1,500

Note:

- (1) Does not include locating utilities (known or unknown)
- (2) Does not include materials removal and disposal
- (3) Estimate based on 30 hours of service at \$50/hr.

3. SITE SURVEY & GRADING PLAN

Site evaluation includes a topographic survey of the project area to determine topographic features of existing conditions. This information will be developed into an existing topographic map of the active landfill site. Once the existing conditions are known, a grading (fill) plan can be developed. This fill plan will be used to determine the volume of clayey material and topsoil required to construct the permanent landfill cap.

Part #3 Estimated Costs \$6,000

4. SC LAND RESOURCES COMMISSION EROSION AND SEDIMENT CONTROL PERMIT APPLICATION

We propose to provide design services to comply with the recently enacted erosion and sediment control regulations. The intent of the South Carolina Stormwater Management and Sediment Reduction regulations is to reduce the post land disturbing hydrograph peaks to pre-land disturbing levels. This new regulation requires that controls are implemented such that sediment deposition occurs within the confines of the developed property.

In addition to a detailed engineering submission to SCLRCC we must also file a "notice of intent" with the SC DHEC so that a record of all "land disturbing activities" is maintained with EPA.

Part #4 Estimated Costs \$ 8,500 Landfill + One Borrow Site

Note:

- (1) Includes modeling and permit application submittal for landfill and one borrow site.
- (2) Includes topographic survey of one borrow area as required by the LRCC.
- (3) Modeling, surveying and application submittal for additional borrow areas will be at an additional cost of \$3,500/borrow area.

5. INVESTIGATION FOR BORROW SOIL

This phase will involve locating and testing of soils to determine suitability for placement as infiltration and erosion layers. Goldie & Associates will provide a backhoe and operator, on-site representatives to assist operator and document condition of soils, laboratory testing for up to 5 Proctor - Gradation Tests and 10 Atterberg Limits - Natural Moisture Tests, and preparation of soils evaluation report.

Part #5 Estimated Cost: \$ 16,500 for two 20 acre sites

Note:

- (1) Estimate based on each site investigated approximately 20 acres in size.
- (2) Estimate based on site being readily accessible to a backhoe.
- (3) If one 20 acre site is investigated then the cost will be \$ 8,500. Each additional 20 acre site investigation will be at an additional cost of \$ 8,000/site.

6. PRECONSTRUCTION

The development of contract documents includes the incorporation of owner and regulatory comments into grading and stormwater plan drawings. Technical specifications will be developed that outline project parameters which must be adhered to by the contractor awarded the job. Contract instruments which delineate legal responsibilities of contractor, owner, and engineer will also be developed for this project. Once these documents are prepared we will utilize an outside consultant to conduct a peer review of the construction package to ensure a safe, well planned quality construction project for Oconee county. We will then issue the bid documents to contractors on behalf of Oconee county and receive bids. A bid tabulation and recommendation for contract award will be presented to county council.

Part #6 Estimated Cost: \$10,200

7. CONSTRUCTION

Project Management services during construction include liaison between the prime contractor, regulatory agencies, and Oconee county. We envision our role as the prime contact for ensuring that all parties are aware of construction progress and problems encountered. We will provide periodic on-site construction observation to monitor whether the construction methods utilized are satisfactory. We propose to perform site surveys during construction to determine if cap materials are placed in accordance with the DHEC closure design requirements. Goldie & Associates will review contractors monthly payment requests to ensure that pay quantities requested reflect work performed during that pay period.

In addition, we will provide soils testing services. These services will include 5 Proctor Tests and 5 Permeability Tests of borrow pit area and up to 88 in-place Density and Thickness and 16 in-place Permeability Tests. This testing schedule is based on DHEC requirements for infiltration layer testing.

Part #7 Estimated Costs: \$ 37,705

Note:

(1) Cost based on 16 week construction period with 4 half day trips/week to observe construction, project management of construction phase and surveying every two weeks to monitor project progress.

(2) We assume 4 payment requests will be processed.

8. ADMINISTRATIVE

Due to the size of this project and the related unknowns, we request that a meeting be held every two weeks with representatives of Goldie & Associates and Oconee County to specifically provide information related to accumulated cost and project status. Goldie & Associates will track project cost and progress and will report this progress to the county.

Part #8 Estimated Cost: \$ 3,250

Note:

Includes up to twenty meetings, once every two weeks or more often as deemed necessary.

9. LANDFILL COVER COST COMPARISON

A cost comparison between alternate cover type materials will be conducted to evaluate construction and maintenance cost. Cover types including soils and synthetics will be evaluated.

Part #9 Estimated Cost: \$ 1,750

10. LANDFILL GAS MONITORING

As specified in the Closure Plan, up to 21 gas monitoring wells will be installed. These wells will be placed along the perimeter of the landfill.

Part #10 Estimated Cost: \$ 3,200

Note:

(1) Estimate based on five foot wells or below the depth of the infiltration layer, whichever is deeper, installed with hand equipment.

(2) Does not include post closure gas monitoring.

PROJECT COST

The total estimated cost to provide these services as detailed in items 1 through 10 are as indicated below:

Total	\$ 90,105
<u>5% Contingency</u>	<u>\$ 4,505</u>
PROJECT TOTAL	\$ 94,610

Note:

PROJECT TOTAL cost are Not to Exceed Costs based on conditions specified earlier in this proposal.

PROFESSIONAL RATES

Rates for Goldie & Associates personnel involved in this project are as follows:

Civil Engineer	\$ 60/hr
Project Manager	\$ 50/hr
Field Technician	\$ 35/hr
Administrative	\$ 25/hr
Clerical	\$ 25/hr

DATE: January 3, 1994

TO: Marianne Dillard
Fax # 638-4142

FROM: David Devoe
Goldie & Associates
(803) 882-8194
FAX 882-0851

RE: Landfill Closure [P93100]

PAGES: 1

Below is a tentative schedule for the project. Please note, we anticipate submittal to the Land Resources Commission on March 14, 1994 with a one month review. We assumed the start date on this project would be following tomorrow nights meeting. Please call to discuss if you have any questions.

<u>Item</u>	<u>Description</u>	
0	Contract Negotiation	Jan 5 - Jan 14
1	Project Planning	Jan 17 - Jan 21
2	Site Reconnaissance	Jan 24 - Feb 4
3	Topographic Survey	Jan 24 - Feb 11
	Grading Plan Update	Jan 31 - Feb 25
4	SC LRC Plan Development	Feb 21 - Mar 14
	SC LRC Review	Mar 14 - April 11
5	Borrow Soil Investigation	Jan 24 - Feb 11 *
6	Contract Documents	Jan 24 - April 15
	Peer Review	April 18 - April 29
	Incorporate Revisions	May 2 - May 6
	Review w/County	May 9 - May 13
	Incorporate Revisions	May 16 - May 20
	Advertisement	May 22 - June 19
	Receive Bids	June 30
	Award Contract	July 15
7	Begin Construction	August 1
	End Construction	Nov 25
10	Gas Well Installed	Dec 16
	Final Certification	Dec 30

Note:

* Assuming Investigation of One Site Only

BUDGET ADJUSTMENT AUTHORIZATION

Revised 07-01-90

DATE 1-4-94 DEPARTMENT CCD CHANGE NO. _____

IT IS REQUESTED THAT THE FOLLOWING CHANGES BE MADE IN KY 93-94 BUDGET:

1. TO: Cap Expend Vehicle #016-049-00150-00870 = 2,800.00
(fill in line item name) (fill in line code)

FROM: Operational #016-049-00150-00032 = 2,800.00
(fill in line item name) (fill in line code)

Justification: Due to price increase from February 1993
when the budget was prepared.

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: _____

Jack M. Hirst
DEPARTMENT HEAD SIGNATURE

APPROVED: 1/4/94
Date of Council Meeting

DATE: _____
Received by Council Clerk

DISAPPROVED: _____
Date of Council Meeting

ATTEST: Opal O. Green
COUNCIL CLERK

OCONEE COUNTY BID TABULATION

BID FOR: Land for Rent DATE: December 29, 1993

BID NO: 93-22 LOCATION: Walhalla, SC TIME: 2:00 p.m.

BIDDERS	Carol L. Hendrix	Richard Marcengill			
Cultivated Land	\$425.00	\$175.00			

ATTENDING OPENING: Marianne Dillard, Jenny Peay - Purchasing; Gayle Fitzgerald - Motor Pool

OCONEE COUNTY PURCHASING DEPARTMENT

Mailing:
208 Booker Drive
Walhalla, S.C. 29691

201 West Main Street
Walhalla, SC 29691

Purchasing Agent
Marianne A. Dillard

CULTIVATED LAND RENTAL CONDITIONS

Please fill out the lower portion of this page and return to the above address by Wednesday, December 29, 1993 at 2:00 pm.

The following conditions shall apply:

1. Successful bidder will be required to sign a one year lease, with the option to renew for two years upon mutual agreement of both parties.
2. Lessee will mow all land on an annual basis or at end of growing season to keep land in good condition.
3. To hold harmless Oconee County in the event of any accidents occurring on said land to Lessee, other persons, or property during the term of this agreement.

I am interested in leasing the +35 acres cultivated land
and will offer to pay \$ 425.00 per year, according
to the conditions stated above.

NAME CAROL L. HENDRIX
ADDRESS 126 CEDAR LAKE DRIVE
WESTMINSTER, S.C. 29693
TELEPHONE 647-5502 Home/Work 885-3000
DATE 12/28/93 EXT. 2527

Telephone
(803)638-4141

Fax
(803)638-4142

OCONEE COUNTY PURCHASING DEPARTMENT

Mailing:
208 Booker Drive
Walhalla, S.C. 29691

201 West Main Street
Walhalla, SC 29691

Purchasing Agent
Marianne A. Dillard

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1. Successful bidder will be required to sign a one year lease, with the option to renew for two years upon mutual agreement of both parties.
2. Lessee will mow all land on an annual basis or at end of growing season to keep land in good condition.
3. To hold harmless Oconee County in the event of any accidents occurring on said land to Lessee, other persons, or property during the term of this agreement.

I am interested in leasing the ±35 acres cultivated land
and will offer to pay \$ 175.00 per year, according
to the conditions stated above.

NAME RICHARD MARCENGILL
ADDRESS 315 HESSE HWY
WALHALLA S.C.
TELEPHONE 638-6281
DATE 12-28-93

Telephone
(803)638-4141

Fax
(803)638-4142

OCONEE COUNTY COUNCIL

RESOLUTION NO. 76- 12

A RESOLUTION PROVIDING FOR A REFERENDUM ON THE QUESTION OF
OCONEE COUNTY'S PARTICIPATION IN A COUNTY SEWER PROGRAM

BE IT RESOLVED, that the Oconee County Election Commission shall cause to be held on the 13 day of April, 1976, a referendum to determine the wishes of a majority of the qualified electors of Oconee County on the question of whether or not the County Government of Oconee County should construct, maintain, and operate a sewage disposal system, serving some or part of Oconee County; conditioned, nevertheless, on the fact that such system, its operation, maintenance, and construction be financed entirely by grants from State or Federal Agencies and from the sale of revenue bonds, pledging only the fees charged by the users of such system and in no event shall the full faith and credit of Oconee County be pledged or charged with the repayment of any financial obligation of such utility system.

BE IT FURTHER RESOLVED, that at least one or more public meetings be held at some convenient place and location in the said County, after at least two weeks published notice of the date and place of such meeting being given in a newspaper of general circulation in Oconee County, at which the citizens of the said County may discuss and make inquiries on questions concerning the proposed sewer disposal system. Such meetings to be held under the direction of the Chairman of the Oconee County Council and such other persons as he may appoint or designate.

BE IT FURTHER RESOLVED, that the Oconee County Board of Elections cause to be had public notice of such referendum by placing in one or more newspapers of general circulation in and about Oconee County, notice of such election at least forty-five (45) days prior to the holding of such referendum.

BE IT FURTHER RESOLVED that the within Resolution is adopted without further reading and shall be effective upon the date of its adoption.

Voting in favor: 5

Opposed: 0

Lamar Ball
Chairman, Oconee County Council

Attest:

Ann D. Orr, CLERK

Approved and adopted on 2nd reading 12th day of January 1976

Voting in Favor 4 Opposed 0

Attest: Ann Orr Clerk

Lamar Ball
Chairman, Oconee County Council

AMENDED
RECEIVED
12/93

OCONEE COUNTY, SOUTH CAROLINA

SECOND SUPPLEMENTAL ORDINANCE NO 93-

APPROVING THE FINANCING OF THE IMPROVEMENTS, RENOVATIONS AND ADDITIONS TO CERTAIN SEWER TREATMENT FACILITIES IN OCONEE COUNTY, SOUTH CAROLINA, THROUGH THE BORROWING BY OCONEE COUNTY, SOUTH CAROLINA OF NOT EXCEEDING EIGHT MILLION ONE HUNDRED NINETY THOUSAND DOLLARS (\$8,190,000) FROM THE STATE WATER POLLUTION CONTROL REVOLVING FUND, BY AGREEMENT WITH THE SOUTH CAROLINA WATER QUALITY REVOLVING FUND AUTHORITY, PURSUANT TO TITLE 48, CHAPTER 5, CODE OF LAWS OF SOUTH CAROLINA, 1976, AS AMENDED; PROVIDING FOR THE AGREEMENT TO MAKE AND TO ACCEPT A LOAN, THE EXECUTION AND DELIVERY OF A LOAN AGREEMENT BETWEEN OCONEE COUNTY AND THE SOUTH CAROLINA WATER QUALITY REVOLVING FUND AUTHORITY, THE EXECUTION AND DELIVERY OF A PROMISSORY NOTE FROM OCONEE COUNTY TO THE SOUTH CAROLINA WATER QUALITY REVOLVING FUND AUTHORITY; AND OTHER MATTERS RELATING THERETO.

BE IT ORDAINED BY THE COUNTY COUNCIL OF OCONEE COUNTY, SOUTH CAROLINA, IN MEETING DULY ASSEMBLED:

ARTICLE I

FINDINGS OF FACT

SECTION 1.1. Findings of Fact. As an incident to the adoption of this Ordinance, the County Council (the "Council") of Oconee County, South Carolina (the "County"), has made the following findings:

(a) The County is a political subdivision created pursuant to the laws of the State of South Carolina and empowered by the provisions of Title 48, Chapter 5, Code of Laws of South Carolina, 1976, as amended (the "Act") (i) to undertake a wastewater treatment and disposal project as defined and approved pursuant to the Federal Clean Water Act, 33 U.S.C.A. subsection 1381 *et seq.*; (ii) to make application for and to receive assistance; (iii) to comply with regulations relating to the receipt and disposition of money of the State Water Pollution Control Revolving Fund; (iv) to apply for and receive state grants; (v) to enter into loan agreements; and (vi) to comply with all terms and conditions of any loan agreement.

(b) Title 6, Chapter 17, Code of Laws of South Carolina, 1976, as amended (the "Enabling Act"), permits the incurrence of debt for the purpose of financing and refinancing facilities for the furnishing of water and wastewater treatment services and permits the securing

of such indebtedness with a pledge of revenues and a statutory lien upon the system from which such revenues are derived.

(c) Pursuant to the Enabling Act, the County has adopted General Bond Ordinance No. 88-6 (the "Bond Ordinance") and the First Supplemental Ordinance No. 88-7 on June 23, 1988 (the "First Supplemental Ordinance") which sets forth certain conditions which the County must satisfy in order to issue additional indebtedness secured by a pledge of revenues of the sewer system (the "System") owned by the County.

(d) The County has been informed by the Oconee County Sewer Commission (the "Commission") that it is in the best interest of the citizens of the County to undertake improvements, expansions, renovations and additions (the "Project") to be part of the County's System. The System will continue to be operated by the Commission.

(e) On March 2, 1993, the Council adopted Resolution No. 93-4 authorizing application to the South Carolina Water Quality Revolving Fund Authority (the "State Authority") for a loan from the State Water Pollution Control Revolving Fund created by the Act (the "Loan"), to provide for the financing of the Project.

(f) [^]The State Authority has upon review of the County's loan application conditionally approved the Loan.

(g) The Loan must be incurred pursuant to the terms and conditions of the Bond Ordinance in order for the Loan to be secured by a pledge of revenues and lien on the System on a parity with the \$2,705,000 Oconee County, South Carolina, Sewer System Revenue Bonds, 1988 (the "Series 1988 Bonds").

(h) The funds are to be loaned and secured pursuant to a loan agreement the terms of which Loan Agreement set forth with sufficient particularity the requirements for Additional Bonds set forth in Section 3.2 of the General Bond Ordinance attached as Exhibit A and hereby incorporated by reference (the "Loan Agreement") between the County and the State Authority, and a promissory note executed and delivered by the County registered in the name of the State Authority (the "Note"). The Note will constitute a Bond as defined in the Bond Ordinance. Pursuant to the Loan Agreement the County will agree to use the proceeds of the Loan only to pay the actual eligible costs of the Project, and the County will agree to pay to the State Authority such amounts as shall be required to provide for the payment of all amounts due with respect to the repayment of the Loan. To secure its obligations the County will grant to the State Authority a pledge of, and lien upon all [^]Revenues (as defined in the Bond Ordinance) of the System after adequate provision for Expenses of Operating and Maintaining the System (as defined in the Bond Ordinance). The Revenues pledged under the Bond Ordinance are not encumbered by any lien and charge thereon or pledge thereof, other than the lien and charge thereon and pledge thereof created by the Bond Ordinance for payment and security of the Bonds and created by the Bond Ordinance enacted by the County Council on June 23, 1988, authorizing the issuance of the Series 1988 Bonds. There does not exist an Event of Default, nor does there

exist any condition which, after the passage of time or the giving of notice, or both, would constitute such Event of Default under the Bond Ordinance.

If at any time the County fails to effect the punctual payment of an amount payable by the County to the State Authority pursuant to the Loan Agreement, the State Treasurer shall, upon notification by the State Authority of the failure by the County to make payment, and subject to the withholding of amounts pursuant to Article X, Section 14, Paragraph (5) of the Constitution, withhold from the County sufficient monies from a State appropriation to the County and apply so much as necessary to the payment of the amount due under the Loan Agreement. All appropriations for the County are subject to the provisions of S.C. Code 48-5-170, as amended.

(i) The County is adopting this Ordinance in order to:

(i) authorize the execution and delivery on behalf of the County of the Loan Agreement and the Note;

(ii) evidence the approval of the Project, the Note and the Loan by the County; and

(iii) authorize the execution and delivery by, and on behalf of, the County of such other agreements and certificates and the taking of such other action by the County and its officers as shall be necessary or desirable in connection with the financing of the Project in order to carry out the intent of this Ordinance.

ARTICLE II

THE LOAN

SECTION 2.1. Authorization of Loan. The Council hereby authorizes the County's acceptance of the Loan from the State Authority of not exceeding \$8,190,000 pursuant to and in accordance with the provisions of the Loan Agreement the terms of which are incorporated herein.

SECTION 2.2. Repayment of Loan by the County. The Council hereby authorizes the repayment of the Loan by the County to the State Authority from revenues of the System, pursuant to and in accordance with the provisions of the Loan Agreement and the Note.

ARTICLE III

LOAN AGREEMENT AND NOTE

SECTION 3.1. Authorization of Loan Agreement and the Note. The Loan Agreement and the Note in substantially the forms attached hereto as Exhibits "A" and "B", respectively, with such changes as the executing officers shall approve (their execution to be conclusive evidence of such approval) are hereby approved and the execution and delivery of the Loan Agreement and the Note, on behalf of the County, are hereby authorized and directed. The Loan Agreement and the Note shall be executed on behalf of the County by the County Supervisor and attested by the Clerk of Council (the "Clerk").

ARTICLE IV

MISCELLANEOUS

SECTION 4.1. Other Instruments and Actions. In order to implement the Loan pursuant to the Loan Agreement and Note and to give full effect to the intent and meaning of this Ordinance and the agreements and actions herein authorized, the County Supervisor and Clerk are hereby authorized to execute and deliver such certificates, showings, instruments and agreements and to take such further action as the County shall deem necessary or desirable.

SECTION 4.2. Ordinance a Contract. This Ordinance shall be a contract between the County and the State Authority, and shall be enforceable as such against the County.

SECTION 4.3. Effective Date. This Ordinance shall become effective upon receiving approval on third reading by the Council.

DONE, RATIFIED AND ADOPTED THIS _____ day of December, 1993.

OCONEE COUNTY, SOUTH CAROLINA

(SEAL)

By: _____
County Supervisor/Chairman

ATTEST:

Clerk to County Council

First Reading: _____, 1993

Second Reading: _____, 1993

Third Reading: _____, 1993

CREDIT APPLICATION

OCONEE COUNTY ROCK CRUSHER
 COUNTY MAIL ROOM
 208 BOOKER DRIVE
 WALHALLA, S. C. 29691.

NAME OF APPLICANT Michael O Bond
 ADDRESS 277 Delta Dr. CITY Westminster STATE SC ZIP CODE 29693
 TELEPHONE NUMBER OF BUSINESS 647-2863 HOME _____
 SOCIAL SECURITY NO. 251 82 8279 OR FED. I.D. NO. 57-0631204
 BUSINESS NAME Mile Counts Finding & Grading
 ADDRESS 277 Delta Dr. CITY Westminster STATE SC ZIP CODE 29693
 TYPE OF BUSINESS Concrete & Grading

CREDIT INFORMATION

ONE REFERENCE MUST BE A BANK OR LENDING INSTITUTION OR BRANCH THEREOF DULY CHARTERED AND DOING BUSINESS IN OCONEE COUNTY, S. C.; ONE REFERENCE MUST BE A MAJOR CREDIT CARD COMPANY; AND THREE REFERENCES MUST BE OCONEE COUNTY BUSINESS PERSONS OR ESTABLISHMENTS WITH WHOM OR WHICH THE APPLICANT HAS ENJOYED CREDIT FOR A MINIMUM OF THREE YEARS.

REFERENCES

NAME OF BANK, OR MAJOR CREDIT CARD OR VENDOR	ADDRESS OF BANK, OR MAJOR CREDIT CARD OR VENDOR	CITY STATE, ZIP	TELEPHONE NUMBER
1. <u>First union</u>	<u>3819 Blue Ridge Blvd</u>	<u>Walhalla SC 29693</u>	<u>638-9652</u>
2. <u>First union</u>	<u>Vista</u>	_____	<u>638-9652</u>
3. <u>Oconee Implement</u>	<u>320 Windsor St</u> <u>PO Box 180</u>	<u>Westminster 29693</u>	<u>647-2656</u>
4. <u>Barratt Hardware</u>	<u>803 East main st.</u>	<u>Westminster SC, 29693</u>	<u>647-6096</u>
5. <u>Anderson auto parts</u>	<u>704 E main st.</u>	<u>Westminster SC, 29693</u>	<u>647-5401</u>

I/WE CERTIFY THE ABOVE INFORMATION TO BE ACCURATE, AND I/WE GIVE THE COUNTY AUTHORITY TO VERIFY THE INFORMATION.

Michael O Bond

AUTHORIZED SIGNATURE

A \$50.00 APPLICATION FEE SHOULD BE ATTACHED WITH THIS COMPLETED APPLICATION. THIS IS A NON-REFUNDABLE FEE.

* 025 EQUIFAX CREDIT INFORMATION SERVICES, P O BOX 740241,
 5505 PEACHTREE DUNWOODY RD STE 600, ATLANTA, GA, 30374-0241, 404/612-2585

*BOND, MICHAEL, D SINCE 03/04/86 FAD 06/11/93 FN-229
 277, DELTA, RD, WESTMINSTER, SC, 29693, TAPE RPTD 03/93
 2275, DR JOHNS, RD, WESTMINSTER, SC, 29693, TAPE RPTD 10/92
 B 358, RT 1, WESTMINSTER, SC, 29693, TAPE RPTD 05/90
 SEX-M, BDS-05/00/46, SSS-251-82-8279
 01 ES-GRADING, SELF
 02 EF-, MIKES CONCRETE

*SUM-03/89-11/93, PR/OI-NO, FB-NO, ACCTS:13, HC\$1000-75324, 1-ZERO, 12-ONES.

*INQS-BLAZER	887FP22	06/11/93	HB FSB-MC	155BB20549	04/10/93
COMM FIRST	430BB2889	03/17/93	SPRINT	155UT276	03/04/93
BELL SOUTH	403UT1160	12/15/92	FUNB SC	430BB677	10/21/92
COMM FIRST	430BB2889	10/06/92	FUNB SC	430BB677	10/02/92
CASE J I	833WM26807	09/30/92	FUNB SC	430BB677	07/13/92
FUNB SC	430BB677	02/03/92			

* FIRM/ID CODE	RPTD	OPND	H/C	TRM	BAL	P/D	CS	MR	EOCA	ACCOUNT NUMBER
COMM FIRST 430BB2889	11/93	03/93	12K	7M	0		I1	08		2050130393
COMM FIRST 430BB2889	11/93	10/92	29K	772	23K		I1	13		2041371092
DEERE MDSN*668ON4152	11/93	04/90	2500		0		R1	36	I	6003319011234539
AMOUNT IN H/C COLUMN IS CREDIT LIMIT										
FUNB-VSA *805BB87407	09/93	04/89	1158	10	19		R1	52	I	4340098599108050
HB FSB MC *163BB21879	11/93	04/93	1000		0		R1	06	I	5437000311487
CREDIT CARD										
AMOUNT IN H/C COLUMN IS CREDIT LIMIT										
BLAZER *430FP483	11/93	06/93	2599	108	2166		I1	04	J	4000600353130
CASE CREDI*668AF4121	10/93	10/92	75K	1K	55K		I1	02	I	290905700003
SECURED										
FUNB SC *430BB958	05/93	08/92	7908				I1	07	I	41003122263
30(01)60(00)90+(00)										DLA 03/93
FUNB SC *430BB958	05/93	03/92	20K	418			I1	14	I	41003118710
FUNB SC *430BB958	05/93	02/92	6155				I1	12	I	41003118417
FUNB SC *430BB958	05/93	05/90	12K	408	0		I1	36	I	41003102641
NO ACTIVITY SINCE DATE REPORTED										
GMAC *906FA34	04/93	03/89	21K	447			I1	47	M	1151398-30860
FUNB SC *430BB958	08/92	07/92	7045	7K	0		I0		I	41003121357

END OF REPORT EQUIFAX AND AFFILIATES - 12/15/93

Credit Bureau of Oconee County	Additional Information	
Oconee Implement--Reporting 12/93--Opened for years--High \$7600--Bal \$280		O-1
Barretts Hdw--Reporting 12/93--Opened for 20Yrs--High \$1500--Bal \$150		O-1
Anderson Auto--Reporting 12/93--Opened for 10Yrs--High \$1400--Bal \$134		O-1