CITY OF CLINTON
REGULAR MEETING OF THE MAYOR AND BOARD OF ALDERMEN
TUESDAY, NOVEMBER 16, 1999 - 7:00 P.M.
MUNICIPAL COURTROOM - 305 MONROE STREET

WELCOME AND CALL TO ORDER - Mayor Rosemary Aultman

INVOCATION AND PLEDGE OF ALLEGIANCE TO THE FLAG
The invocation was led by Alderman Hisaw followed by the Pledge of Allegiance to the Flag led by Alderman DePriest.

ROLL CALL - City Clerk Nelson Byrd

Present: Jehu Brabham - Alderman-At-Large
Tony Hisaw - Alderman Ward 1
Rodney DePriest - Alderman Ward 2
Clint Brantley - Alderman Ward 3
Phil Fisher - Alderman Ward 4
Herb Touchton - Alderman Ward 5
Sharbert Lott - Alderman Ward 6
Ken Dreher - City Attorney
Nelson Byrd - City Clerk

APPROVAL OF CONSENT AGENDA ITEMS A-N

MOTION made by Alderman Fisher and **SECONDED** by Alderman Lott to approve Consent Agenda Items A-N listed on page 459 of this Minute Book AA. Items E & M will serve to advertise favorably the opportunities, possibilities, and resources of the City of Clinton. **MOTION CARRIED UNANIMOUSLY**

RECOGNITIONS

Alderman Brabham explained and discussed the Character Trait of the Month - Gratefulness.

APPROVAL OF FINAL PLAT FOR CAMBRIDGE COVE, PART 2

Upon recommendation of City Engineer Richard Broome, **MOTION** made by Alderman Hisaw and **SECONDED** by Alderman Touchton to approve the Final Plat for Cambridge Cove, Part 2, subject to minor items on a punch list being taken care of and approved by the City Engineer. **MOTION CARRIED UNANIMOUSLY**

APPROVAL OF CROSS CONNECTION CONTROL ORDINANCE

Upon Recommendation of Ken McClellan, Utilities Manager, **MOTION** made by Alderman Touchton and **SECONDED** by Alderman Brabham to adopt the Cross Connection Control Ordinance and proof of publication found on pages 460-465 and 881-886 of this Minute Book AA and Ordinance Book II, respectively. **MOTION CARRIED 6-1 WITH ALDERMAN FISHER VOTING "NO"**

ADOPTION OF VALID JUSTIFICATION CONTRACT SPECIFICATIONS FOR SOUTHSIDE WASTEWATER TREATMENT PROJECT

Upon recommendation of WGK, Inc. and City Engineer Richard Broome, with letters of recommendation found on pages 466-468 of this Minute Book AA, **MOTION** made by Alderman Brabham and **SECONDED** by Alderman Brantley to approve that Resolution of Valid Justification of Contract Specifications for the Southside Wastewater Treatment Project found on pages 469-471 of this Minute book AA. **MOTION CARRIED UNANIMOUSLY**

ADJOURN 7:35 p.m.

MOTION made by Alderman Brabham and **SECONDED** by Alderman Fisher to adjourn **MOTION CARRIED UNANIMOUSLY**

Copy of Agenda can be found on page 459 of this Minute Book AA.

APPROVED: Rosemary G. Aultman November 18, 1999
Rosemary G. Aultman, Mayor — Date

ATTEST: Nelson Byrd November 18, 1999
Nelson Byrd, City Clerk — Date

SEAL:

An Ordinance Adopting A Cross Connection Program For the City of Clinton, MS, and for Related Matter

Whereas, The Mississippi State Department of Health has adopted Mississippi State Department of Health Environmental Regulation 300- Water Supply, Part 301 which makes it the responsibility of each water system to protect its drinking water by adopting and enforcing a program of cross connection control of all potable water; and

Whereas, the Mayor and Board of Alderman have reviewed and refined the proposed Ordinance and find it's adoption to be in the best interest of the City of Clinton for the reasons set out in said Ordinance, and

Whereas, this matter was presented to the Mayor and Board of Alderman of the City of Clinton and following a through discussion thereof, Alderman TOUCHTON offered the following ordinance and moved that it be adopted, to-wit:

Now therefore, be it ordained by the Mayor and Board of Alderman of the City of Clinton, MS, as follows to wit:

Section I. Purpose

The Mayor and Board of Alderman of The City of Clinton find true on arrest the facts stated in the preamble and to protect the drinking water supply from possible contamination have officially adopted this cross connection ordinance.

Section II: Definitions

1. **Water System:** City of Clinton drinking water supply.
2. **Potable Water:** Water that is acceptable for human consumption.
3. **Non- Potable Water:** Water that is not acceptable for human consumption or of unknown quality.
4. **Cross Connection:** Any arrangement of piping where a potable water line is connected to non-potable water; it may be a pipe-to-pipe connection where potable and non-potable water lines are directly connected, or a pipe-to- water connection where the potable water outlet is submerged in non-potable water. If the potable and non-potable source are separated by gate valves or devices other than the appropriate backflow preventer as outlined by this ordinance, a cross connection exists. By-pass arrangements, jumper connections, swivel or change over assemblies or other temporary or permanent assemblies through which, or because of which, backflow may occur are considered to be cross connections.

5. **Backflow:** The reversal of normal flow direction where water flows from the intended point of delivery towards the supply.

6. **Back Pressure Backflow:** Backflow caused by a lower pressure in the potable supply than at the point of delivery.

7. **Back Siphonage Backflow:** Backflow caused by a negative pressure in the potable supply lines.

8. **Health Hazard, (High Risk):** Contamination with the potential to endanger the health and well being of the consumer.

9. **Non-Health Hazard, (Low Hazard):** Contamination that will not endanger the health of the consumer, but does not meet established water quality standards for public water systems.

Section III. Backflow Prevention Assembly Requirement

3.01 Elimination and Protection of Cross Connections. Cross connections occurring within the Water System shall be eliminated or protected with the appropriate backflow preventer. Establishing an air gap between the potable and non-potable sources eliminates cross connections. Installing the appropriate backflow preventer protects cross connections. It shall be the responsibility of the owner of the cross connection to eliminate the cross connection or protect the cross connection with a backflow preventer approved by the Water System.

3.02 Connections to Sewer. Direct connections, permanent or temporary, between the City of Clinton water system and a sanitary or storm sewer are prohibited.

3.03 Home Wells. Any well drilled or operated within the City for private use shall not be connected in any manner with the City water and sewer system.

3.04 Approved Backflow Prevention Assemblies. Only backflow prevention assemblies approved by the Mississippi State Department of Health shall be installed.

3.05 Installation Requirements. Reduced pressure principle assemblies, double check valve assemblies, and pressure vacuum breakers shall be installed in a manner and location that provides proper operation of assembly (*as intended*) along with adequate access for testing and repair of the assembly. Reduced pressure principle assemblies and double check valves assemblies shall not be installed in a pit or enclosure below (*grade*) ground level. All assemblies shall be properly insulated against freezing.

Section IV. Responsibility of Water System

4.01 Surveys. An authorized agent(s) of the City of Clinton, utilizing written guidelines published by the Mississippi State Department of Health, shall conduct an initial survey and on site visits as necessary to locate existing cross connections. Single family dwellings and multi-family dwellings designed to house no more than eight families shall not be included in this survey unless the Water System officials have reason to believe a cross connection exists. An individual approved by the City of Clinton shall complete the survey of the water system. Upon completion of this survey, the responsible official of the City of Clinton shall certify to the Mississippi State Department of Health, on forms provided by the Department, that the required survey has been properly performed and completed in accordance with the written guidelines published by the Department.

4.02 Right of Entry. The City of Clinton, acting through its authorized agent(s), shall have the right to enter any non-residential building, during reasonable hours, to inspect the plumbing system installed in any such building or premises provided prior notification of the inspection is given. The authorized agent(s) shall first obtain consent from the owner to enter any single-family dwelling.

4.03 Classification of Hazard. The authorized agent(s) of the Water System will classify each cross connection found as high hazard or low hazard. If a connection is found to be a high hazard cross connection, the owner of the connection shall be notified within ten (10) days, that the cross connection must be eliminated or protected by the installation of a backflow preventer approved by the Water System within ninety (90) days of notification. If the connection is found to be low hazard cross connection, the owner shall be notified in writing within ten (10) days, that the cross connection shall be eliminated or protected by backflow preventer approved by the Water System within one (1) year of notification.

4.04 Selecting the Appropriate Backflow Preventer. It shall be the responsibility of the City of Clinton, acting through its agent(s), to determine the type of backflow preventer required at each cross connection. Installation must follow the approved guidelines published by the Mississippi State Department of Health.

4.05 Existing Backflow Preventers. Any backflow prevention device or assembly installed on this Water System to protect the City of Clinton against the possibility of backflow from a customer's water service prior to the adoption of this ordinance shall be governed by this ordinance. Existing backflow preventers shall be inspected and tested within ninety- (90) days of identification. If existing backflow preventer fails to pass the test it must be repaired or replaced within ninety (90) days of notification and meet all requirements of this ordinance.

4.06 Review of Meter Applications. The Water System, acting through its authorized agent(s), shall review all applications for new meters to determine if a cross connection will be created. The Water System shall require the installation of an approved backflow preventer at all new connections where a cross connection will be created.

4.07 **Inspections.** The City of Clinton, acting through its authorized agent(s), will periodically inspect any connection to the Water System to insure cross connections have not been created. These inspections may be conducted without prior notice to the customer.

4.08 **Record Keeping.** The City of Clinton shall maintain records of the type, size, and location of each backflow preventer installed in the water system, when each backflow preventer is due to be tested, and the results of each test. Records shall be maintained for five (5) years from date of test and inspection. It is the owner of the assembly's responsibility to provide a copy of the initial/ annual test results as assurance of a properly operating backflow preventer.

Section V. Testing of Backflow Assemblies

5.01 **Test Required.** Each reduced pressure principle backflow prevention assembly, double check valve assembly, and pressure vacuum breaker shall be tested immediately after installation, after repairs of any kind, and annually.

5.02 **Certified Testers.** Only certified backflow preventer testers certified by the Mississippi State Department of Health shall test backflow preventers in the City of Clinton.

5.03 **Notification.** The City of Clinton shall notify the owner of each backflow preventer 60 days prior to the date that the backflow preventer is scheduled to be tested.

Section VI. Violations and Penalties

6.01 **Refusal of Inspection.** If the owner/ manager refuses to allow the authorized agent(s) perform the necessary inspections to determine if a cross connection exists, the City of Clinton shall require that a reduced pressure principle backflow prevention assembly be installed at that service connection.

6.02 **Maintaining a Cross Connection.** If a owner, that after having been informed that a cross connection exists at his property, refuses to eliminate or protect the cross connection through the use of the appropriate backflow preventer, water service to the connection shall be terminated until such time as the owner complies with Mississippi State Department of Health regulations.

ORDAINED, ADOPTED AND APPROVED BY THE MAYOR AND BOARD OF ALDERMAN OF THE CITY OF CLINTON, MISSISSIPPI, at a meeting thereof held on the 16TH day of November 1999.

A Motion for adoption was seconded by Alderman BRABHAM and the foregoing ordinance having been first reduced to writing, and no request being made by the Mayor or any member of the Board of Alderman that the Ordinance be read by the City Clerk, before any vote can be taken, it was submitted to the Board of Alderman for the passage or rejection on roll call vote upon the vote being as follows, to-wit:

Alderman Brabham voted: AYE

Alderman Hisaw voted: AYE

Alderman DePreist voted: AYE

Alderman Brantley voted: AYE

Alderman Fisher voted: NO

Alderman Touchton voted: AYE

Alderman Lott voted: AYE

Whereupon the Mayor declared the Motion carried and the Ordinance approved and adopted.

The foregoing ordinance was approved this the 16TH day of November 1999.

CITY OF CLINTON, MISSISSIPPI

BY: Rosemary J. Aultman

Rosemary Aultman, Mayor

Nelson Byrd

ATTEST

SEAL

BK 886
PG 465

Proof of Publication

The State of Mississippi

Hinds County

PASTE PROOF HERE

PERSONALLY appeared before me, the undersigned notary public in and for Hinds County, Mississippi,

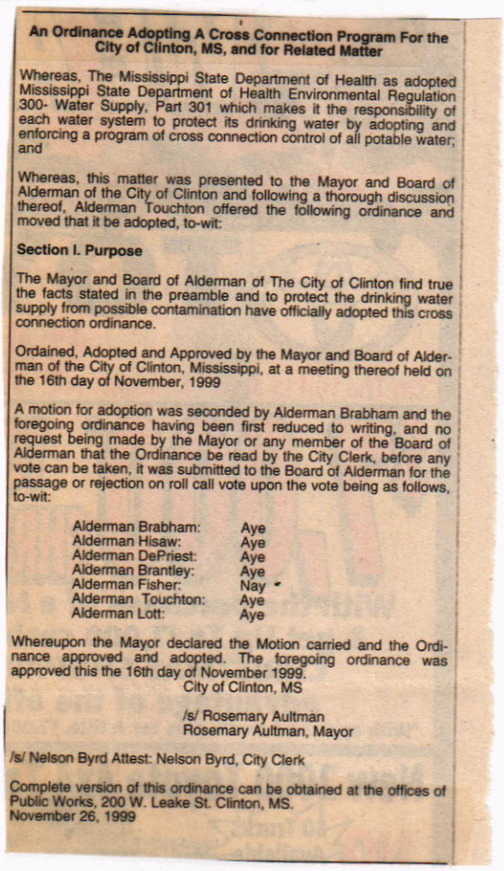
Shirley Mize

an authorized clerk of THE CLARION-LEDGER, a daily newspaper as defined and prescribed in Sections 13-3-31 and 13-3-32, of the Mississippi Code of 1972, as amended, who, being duly sworn, states that the notice, a true copy of which is hereto attached, appeared in the issues of said newspaper as follows:

Dates of Publication:

Friday, November 26, 1999

Lines:	110
Words:	362
Issues:	1
Total:	$49.44



An Ordinance Adopting A Cross Connection Program For the City of Clinton, MS, and for Related Matter

Whereas, The Mississippi State Department of Health as adopted Mississippi State Department of Health Environmental Regulation 300- Water Supply, Part 301 which makes it the responsibility of each water system to protect its drinking water by adopting and enforcing a program of cross connection control of all potable water; and

Whereas, this matter was presented to the Mayor and Board of Alderman of the City of Clinton and following a thorough discussion thereof, Alderman Touchton offered the following ordinance and moved that it be adopted, to-wit:

Section I. Purpose

The Mayor and Board of Alderman of The City of Clinton find true the facts stated in the preamble and to protect the drinking water supply from possible contamination have officially adopted this cross connection ordinance.

Ordained, Adopted and Approved by the Mayor and Board of Alderman of the City of Clinton, Mississippi, at a meeting thereof held on the 16th day of November, 1999

A motion for adoption was seconded by Alderman Brabham and the foregoing ordinance having been first reduced to writing, and no request being made by the Mayor or any member of the Board of Alderman that the Ordinance be read by the City Clerk, before any vote can be taken, it was submitted to the Board of Alderman for the passage or rejection on roll call vote upon the vote being as follows, to-wit:

Alderman Brabham:	Aye
Alderman Hisaw:	Aye
Alderman DePriest:	Aye
Alderman Brantley:	Aye
Alderman Fisher:	Nay
Alderman Touchton:	Aye
Alderman Lott:	Aye

Whereupon the Mayor declared the Motion carried and the Ordinance approved and adopted. The foregoing ordinance was approved this the 16th day of November 1999.
City of Clinton, MS

/s/ Rosemary Aultman
Rosemary Aultman, Mayor

/s/ Nelson Byrd Attest: Nelson Byrd, City Clerk

Complete version of this ordinance can be obtained at the offices of Public Works, 200 W. Leake St. Clinton, MS.
November 26, 1999

Signed

Authorized Clerk
of The Clarion-Ledger

Notary Public

SWORN to and subscribed before me on 11/26/99

Notary Public State of Mississippi At Large.
My Commission Expires: Nov. 8, 2000.
Bonded thru Notary Public Underwriters.

(SEAL)

WILLIFORD, GEARHART & KNIGHT, INC.
ENGINEERS & SURVEYORS

PRINCIPALS
Charles H. Williford, P.E., P.L.S.
Gregory A. Gearhart, P.E.
Jeffery T. Knight, P.E.
Billy W. Owen, P.E.
Michael K. McKenzie, P.E.

October 29, 1999

Mr. Richard Broome, P. E., City Engineer
City of Clinton
P. O. Box 156
Clinton, Mississippi 39056

Re: Southside Sewer Improvements
WGK #97-100

Dear Richard:

To ensure a certain level of quality in performance in the treatment equipment systems which will be provided by the successful bidder on the Southside Sewer project, the Contract Documents Proposal Form identifies certain "Basic Brands" of equipment. These brands were selected as a cumulative result of the facility planning process, the Value Engineering Review, our evaluation of manufacturers' information and the results of our visits to ten wastewater treatment facilities and discussions with their operating staffs. Distinctive reasons that each system was selected are listed below:

1. Aeration/Clarification System (Lakeside Corporation)

   a. Complete system available from one supplier;
   b. Full-time manufacturer's representative in this area;
   c. Outstanding historical performance of equipment (> 80% of ditches in MS are Lakeside);
   d. Enhanced efficiency of peripheral feed clarifier;
   e. Superior aerator blade construction.

2. Screw Pumps (Lakeside Corporation)

   a. Full-time representative in the area;
   b. Proven quality in performance.

3. Influent Pumps (Vaughan)

   a. Chopper pump design eliminates need for separate trash rack;
   b. Extremely heavy duty construction;
   c. Proven history of performance;
   d. Personal knowledge of performance by one of our staff.

P.O. Box 318 • 204 West Leake Street • Clinton, Mississippi 39060 • 601.925.4444 • Fax 601.924.6708

4. - UV Disinfection (Trojan)

a. Self-cleaning system with a history of installations;
b. All maintenance performed above ground (not in a pit);
c. Proven history in wastewater applications;
d. Low hydraulic head loss through system.

5. Grit Removal (Pista)

a. Energy efficient design;
b. Superior performance to non-vortex systems;
c. Excellent history of performance.

6. Filter Screen (Parkson)

a. Extensive history of installations;
b. Consistent with equipment in operation at Briars plant;
c. Excellent record of performance.

7. Control/Instrumentation (Control Systems)

a. Excellent history of performance;
b. Local service available for highly critical components.

This information is offered as valid justification for identifying this equipment as Basic Brand equipment on the Proposal Form. The Proposal Form does allow for prices to be offered for other brands of equipment under a deductive alternate format.

Should you have any questions, please do not hesitate to call.

Sincerely,

WILLIFORD, GEARHART & KNIGHT, INC.

Gregory A. Gearhart, P. E.
Principal

GAG/sdh

MEMORANDUM

To: Mayor Rosemary Aultman and
Board of Aldermen of the
City of Clinton, MS

From: Richard L. Broome, P.E., City Engineer R. Broome

Date: November 16, 1999

Subject: Southside Wastewater Treatment Facility

The Mayor and Board are well aware that this project has been studied and reviewed for a long period of time. Bids on the treatment facility will be opened on November 18, 1999.

The treatment facility is a complex structure and requires detailed planning to provide a safe, efficient system. Design criteria are crucial and Williford, Gearhart and Knight, Inc., as our consulting engineers, have designed a facility after much study and review.

In order for the system to function efficiently and in an environmentally safe manner, it is necessary that the various equipment system function together. Once the basic design was prepared, specific equipment was designated to ensure a high level of quality performance for the project.

The bid documents were prepared to reflect the necessity that the design and equipment function together. For that reason, our consulting engineers specified certain equipment consistent with the design and specifications. Greg Gearhart has discussed this over the design period with me and presented a summary to the Mayor and Board of Aldermen. Greg's summary of this presentation was provided in his letter of October 29, 1999.

It is my recommendation that the Mayor and Board of Aldermen accept the consulting engineer's identifications of certain basic brands of equipment for the project and make a fact finding of valid justification.

RESOLUTION OF VALID JUSTIFICATION CONTRACT SPECIFICATIONS FOR SOUTHSIDE WASTEWATER TREATMENT FACILITY SRF PROJECT NO. C280805-02

WHEREAS, the City of Clinton will be receiving bids at 10:00 a.m., November 18, 1999, for the Southside Sewer Improvements Contract 2 (the "Project"); and,

WHEREAS, to ensure a certain level of quality in performance in the treatment equipment systems which will be provided by the successful bidder on the Southside Sewer project, the Contract Documents Proposal Form identifies certain "Basic Brands" of equipment. These brands were selected as a cumulative result of the facility planning process, the Value Engineering Review, the evaluation of manufacturers' information and the results of visits to ten wastewater treatment facilities and discussions with their operating staffs; and,

WHEREAS, Williford Gearhart & Knight, Inc., Consulting Engineers to the City of Clinton for the Project, has completed, prior to preparation of the bid documents, a thorough study of the requirements for the Project and summarized these requirements both in person and by letter to the City Engineer of the City of Clinton; and,

WHEREAS, the Consulting Engineers have provided the background information to the Mayor and Board of Aldermen for their review.

BE IT THEREFORE RESOLVED by the Mayor and Board of Aldermen of the City of Clinton as follows:

1. The Mayor and Board of Aldermen find the statements set out above to be true and correct.

2. The Mayor and Board of Aldermen have received the recommendation of the City Engineer and the Consulting Engineer that the equipment specified will ensure a certain level of quality performance for the Project. A summary of the recommendation is attached hereto as Exhibit "A".

3. The Mayor and Board of Aldermen specifically find that such information has presented a valid justification to approve the request for the specific equipment necessary to ensure the success of the Project.

4. The finding of valid justification by the Mayor and Board of Aldermen shall be spread upon the minutes of this meeting and will serve as authority for the Mayor and Board to approve the contract as written by the Consulting Engineers for this Project.

A Motion for approval of this Resolution of Valid Justification was made by Alderman BRABHAM and seconded by Alderman BRANTLEY. After a thorough discussion of the matter a roll call vote was taken and the results are recorded below:

Alderman Brabham voted:	AYE
Alderman Hisaw voted:	AYE
Alderman DePriest voted:	AYE
Alderman Brantley voted:	AYE
Alderman Fisher voted:	AYE
Alderman Touchton voted:	AYE
Alderman Lott voted:	AYE

Whereupon the Mayor declared the Motion carried and the Resolution approved and adopted.

The foregoing Resolution was approved this the 16TH day of NOVEMBER, 1999.

CITY OF CLINTON, MISSISSIPPI

BY: Rosemary T. Aultman
ROSEMARY AULTMAN, Mayor

ATTEST:

Nelson Byrd
NELSON BYRD, City Clerk

SSWWTF.RES
11/11/99-MMH