

CITY OF PIKEVILLE
SPECIAL MEETING MINUTES
MARCH 5, 1996

The Board of Commissioners of the City of Pikeville met in special session on March 5, 1996 at Noon. The meeting was held in the City Hall Public Meeting Room at 260 Hambley Boulevard.

Purpose of the Special Meeting: To hear the City Engineer's report concerning problems at the Raw Water Intake and to take any necessary action.

There being a quorum present, Mayor Steven D. Combs called the meeting to order at 12:14 p.m. Commission Members present upon call of the roll were as follows:

MAYOR: STEVEN D. COMBS
COMMISSIONER: KENNY BLACKBURN
SHARON CLARK

Commissioners Walter Blankenship and Eugene Davis were absent.

City Engineer, Jack Sykes, explained the problems at the Raw Water Intake are two-fold. The beds in the river are currently 25% functional because the fiberglass piping system that was designed to backflow and clean the system are not operating properly. Divers found that silt is collecting around the screens and are partially clogged, thus prohibiting the supply of raw water for which the plant is designed. The problem is amplified during heavy rainfall. Presented for the Commission's consideration were three options to correct the problems.

Alternate A involves the complete restoration of the infiltration gallery which includes the replacement of the existing air header and laterals with ductile iron pipes, replacement of a portion of the existing water intake laterals, installation of new gravel, grit removal from the various chambers and junction boxes, and extending the columns on raw water pumps. Estimated cost of Alternate A is \$323,728.60. Commissioner Blackburn commented that this proposal would not solve the problems at the intake. Mark Westfall of Summit Engineering, advised that the proposal would bring the plant back to its original design condition. Mr. Sykes added that a significant improvement in de-gritting will be realized.

Alternate B involves all the work described in Alternate A with the addition of a grit chamber prior to Junction Chamber #2. The intent is to allow a detention time of about six minutes at a 2.0 million gallons per day flow rate or two minutes at a flow rate of 6.0 million gallons per day. This reduction would allow for sedimentation settling before it gets into the basin where the pumps are located. Estimated cost for this option is \$501,289.10.

Alternate C provides for the installation of a grit chamber as described in Alternate B with the installation of two adjustable intake screens each rated for a 2.5 to 3.0 million gallon per day capacity. The screens would be installed with air and water backwash systems to facilitate cleaning and would be used in lieu of the existing infiltration gallery. Estimated cost is \$412,135.10.

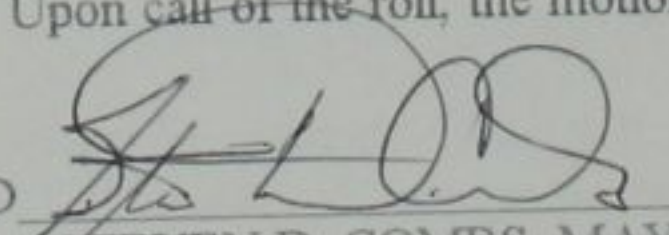
City Engineer Sykes advised the Commission that whichever alternate is chosen, the work should be done in the fall of the year.

Mayor Combs asked which option would provide a longer term solution. Mr. Sykes advised that Alternate B or C would provide a long term solution, however he felt that Alternate B would be the preferred option. The Mayor asked if it would help to move the intake to another location. Mr. Sykes advised that he did not think it would make much difference in the operation to relocate the intake up or down the river.

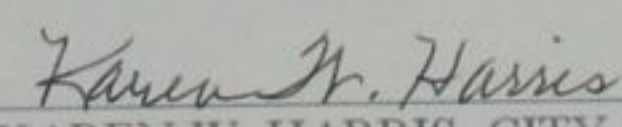
The City Manager was authorized to contact Will Linder, grantsman, to discuss funding options.

The City Engineer was directed to submit the Raw Water Intake Renovation Report to an independent engineer for review and recommendations.

There being no further business to come before the Commission, Mayor Combs made the motion, seconded by Commissioner Blackburn to adjourn the meeting. Upon call of the roll, the motion carried 3 - 0. (Adjournment Time: 1:02 p.m.)

APPROVED 
STEVEN D. COMBS, MAYOR

ATTEST:


KAREN W. HARRIS, CITY CLERK