

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

APR 22 2009

PUBLIC SERVICE
COMMISSION

IN THE MATTER OF:

AN INVESTIGATION INTO THE ADEQUACY) CASE
OF THE WATER SUPPLY OF MAGOFFIN) NO. 2008-00443
COUNTY WATER DISTRICT)

**RESPONSE OF MAGOFFIN COUNTY WATER DISTRICT
TO COMMISSION'S ORDER ENTERED APRIL 6, 2009**

Comes now James W. Hoskins, Superintendent of Magoffin County Water District
and for his Response to Commission's Order and Appendix entered April 6, 2009,
respectfully states as follows:

1. Provide the minutes of each Magoffin District Board of Commissioners
meeting held from November 1, 2006 to February 28, 2009.

RESPONSE: See attachments.

2. Provide all correspondence in which Magoffin District officials or
representatives discussed the 8-inch water main that was constructed in 2007 and
intended to interconnect Magoffin District's water system with Paintsville Utilities
Commission's water distribution system.

RESPONSE: See attachments.

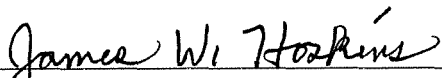
3. Provide the current water supply plan for Magoffin County that 401 KAR
4:220 requires.

RESPONSE: A search of the files and records of the Magoffin County Water
District Office failed to reveal a copy of its water supply plan as outlined in 401 KAR

4:220; a copy of this plan may have been destroyed with numerous other files during the May 2004 flood in which Magoffin County was declared a disaster area.

4. State whether Magoffin District is a member of a multi-county water planning unit. If yes, state the name of the multi-county water planning unit.

RESPONSE: Yes, Big Sandy Regional Water Management Council (Big Sandy Area Development District).



JAMES W. HOSKINS, SUPERINTENDENT
MAGOFFIN COUNTY WATER DISTRICT
749 PARKWAY ROAD
P. O. BOX 490
SALYERSVILLE, KY 41465

CERTIFICATE

This is to certify that a true and correct copy of the foregoing was this the 21st day of April, 2009, mailed postage prepaid to the following:

Ms. Sandy Gruzesky
Division of Water
Energy and Environment Cabinet
200 Fair Oaks Lane, Fourth Floor
Frankfort, KY 40601

Hon. Mary Stephens
Office of General Counsel
200 Fair Oaks Lane, First Floor
Frankfort, KY 40601

DEP Division of Water
Frankfort Office Park
14 Reilly Road
Frankfort, KY 40601

Thomas Howard, Superintendent
Salyersville Water Works
401 College Street
Salyersville, KY 41465

Judy Jackson, Chair
Salyersville Water Works
401 College Street
Salyersville, KY 41465

Billy J. Rowe, Sr.
HC 60, Box 255
Salyersville, KY 41465

Hon. Gerald Wuetcher
Executive Advisor
Public Service Commission of Kentucky
211 Sower Blvd.
P. O. Box 615
Frankfort, KY 40602-0615

Hon. David Edward Spenard
Assistant Attorney General
Office of the Attorney General
Utility & Rate Intervention Division
1024 Capital Center Drive
Suite 200
Frankfort, KY 40601-8204

the original to:

Public Service Commission
211 Sower Blvd.
P. O. Box 615
Frankfort, KY 40602-0615

James W. Hoskins
JAMES W. HOSKINS

MINUTES

March 13, 2009

9:00 A.M.

Commissioners present were: Randall Hardin, Millow Dean, Chester, and Randall. Kenneth was absent. Others present were: Eddie Brown, Jim Hoskins, Allen McCarty, Shirley Borders and Danny Smith.

Meeting was called to order by Randall. Millow made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Jim reported on meters set this month.

Eddie said he has a set of plans for Project #18. Getting everything through the Clearing House was discussed. He said we have to have a pump station for Tip Top. We have money to put the pump station in. He said he would try to submit the plans to the Division of Water next week. He will go over the plans with Jim and the Commissioners.

Randall asked about the right-of-way on Big Lick.

Millow Dean made a motion to pay all bills. Randall Salyer seconded the motion. All voted Yea.

Automatic meter reading devices were discussed.

Chester asked about Rt. 378 and Rt. 542. These are alternative lines or they will be put on our next project profile.

Hearing with PSC has not been completed yet.

Danny Smith asked when we thought the project might be ready to bid. He was told that the project will be advertised when ready to bid.

Randall Salyer made a motion to adjourn. Chester seconded the motion. All voted Yea.

SECRETARY

MINUTES

February 13, 2009

9:00 A. M

All Commissioners were present. Others present were: Eddie Brown, Allen McCarty, James Hoskins and Shirley Borders.

The meeting was called to order by Randall Hardin. Motion was made by Millow Dean to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Jim reported that the work load is normal and no construction has been done this month.

Chester made a motion to pay all bills. Millow seconded the motion. All voted Yea.

Randall Hardin, Jim and Eddie will be going back to Frankfort on the 27th to answer our part of their hearing questions.

Randall, Jim and Brenda met with the Floyd County people and discussed the possibility of our water district making a tie-in to their water system. Floyd County was very cooperative. Randall, Dr. Hardin, Brenda, Mike Wilson and Jim met with Morgan County people and discussed a tie in to their water system. The tie-in to Morgan looks good.

Jim discussed the power being off for days during the ice storm – eighteen of our nineteen pump stations were without power. He said our men did a good job getting our pump stations going.

Paul Howard told us that FEMA may pay three-fourth the cost of a generator and the state will pay part of the cost and we would have to pay the balance which should not be a big amount. The total cost would be \$30,000 to \$50,000 according to the size of the generator.

Eddie discussed preliminary specifications on automatic meter reading devices and said that we need to look at the format and evaluate by points to make sure we get the most effective devices.

Water line extension was discussed. We need to see if a pump station has to be put in.

Randall Hardin made a motion to amend the section of September 12, 2008 minutes that addresses the payment of money to employees that choose not to receive health insurance to read, that after the 1st year of employment that they receive \$100 per month and after

the 5th years of employment they receive \$200 per month and after the 10th year employment they receive \$301 per month. Chester seconded the motion. All voted Yea.

Project 18A was discussed. This project was shorted \$400,000 and work is being done to get the \$400,000 restored so all of the project can be done.

Randall Hardin made a motion to enter into an engineering contract with Kenvirons, Inc. Kenneth seconded the motion. All voted Yea.

Randal Salyer made a motion to adjourn. Kenneth seconded the motion. All voted Yea.

SECRETARY

MINUTES

January 9, 2009

9:00 A.M.

All Commissioners were present. Others present were: Brenda Powers, Eddie Brown, James W. Hoskins, Allen McCarty and Shirley Borders.

The meeting was called to order by Randall Hardin. Milow Dean made a motion to accept the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Milow Dean made a motion to pay all bills. Randall Salyer seconded the motion. All voted Yea.

Emergency tie into Morgan County and Floyd County was discussed. Eddie said it was about 1,000 ft. to tie into Floyd County and everything would cost about \$80,000 and that Morgan County would be about 1,000 ft. of 4 inch line and everything would cost about \$70,000. To tie into both counties would cost approximately \$150,000. Morgan County is in the process of putting in another storage tank.

Jim discussed health insurance for employees – he went over the options available and what the cost would be for the employee and for the Water District. Randall Hardin made a motion to go with the Option II plan. Chester seconded the motion. All voted Yea.

Harlow Back, Flora Simpkins, Ross Allen, George Meade, Ronnie Gilbert and Eugene Marshall were present from the Lark Arnett Hill. Harlow said that seven or eight wells had been drilled and they all had gone dry. He said there were eight lots on the south side and eleven lots on the others side that needed water. He said that he had been trying to get water up there for several years and that Bill Cantrell had been trying to get water up there for them.

Randall told the group that he would take a look at the Lark Arnett Hill section. Also Eddie and Jim will look at the job to determine the feasibility of the job. They will try to get funding for the job. Jim said that he had looked at this job with Bill Cantrell and that Bill was trying to get water for this section. Chester said the fire department could not get water to them if there was a fire.

Brenda discussed the \$600,000 and the \$400,000 for projects 18B and 18C. Randall Hardin made a motion to approve the Grant Agreement and add amount of funds into the budget. Kenneth seconded the motion. All voted Yea.

Randall Salyer made a motion to accept the contract with Big Sandy ADD. Chester seconded the motion. All voted Yea

Chester made a motion to advertise for engineering services. Randall Hardin seconded the motion. All voted Yea.

Brenda is requesting the last draw down of funds from our prior project.

Brenda said we need a tentative budget and the bank account number we would be using so everything can go to the Clearing House.

Brenda recommended that we leave the project profile as is - \$600,000 for the automated radio meter reading system and \$400,000 for water lines. Randall Hardin made a motion that we leave the project profile as recommended by Brenda. Chester seconded the motion. All voted Yea.

Chester discussed getting water for Rt. 378 on Middle Fork.

Randall Hardin made a motion to adjourn. Millow Dean seconded the motion. All voted Yea,

SECRETARY

MINUTES

JANUARY 17, 2008

9:00 A.M.

Magoffin County Water District Commissioners met January 17, 2008 at 9:00 A.M. All Commissioners were present. Others present were: James Hoskins, Allen McCarty, Brenda Powers and Shirley Borders.

Randall Hardin read the minutes of the last meeting. Randall Hardin made a motion to approve the minutes of the last meeting. Millow McCarty seconded the motion. All voted Yea.

The backhoe has been delivered and it looks real good. Brenda said she was drawing the money down for the computers, equipment and software licensing. She reported on what money we have left in KIA funds.

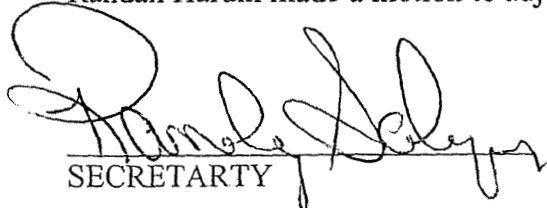
Randall Hardin made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

Due to Jim and other employees being in training next month on the regular meeting date the meeting date was changed to the 2nd Thursday which is the 14th of February.

Commissioners went into executive session.

After returning Randall made a motion go out of the executive session and go back in the regular meeting. Chester seconded the motion. All voted Yea.

Randall Hardin made a motion to adjourn. Millow seconded the motion. All voted O. K.


SECRETARY

MINUTES

February 14, 2008

9:00 A.M.

All Commissioners were present. Others present were: James Hoskins, Allen McCarty, Brenda Powers and Shirley Borders.

The meeting was called to order by Randall Hardin. Randall Hardin made a motion to approve the minutes of the last meeting. Mellow seconded the motion. All voted Yea.

Problem we have had with new billing was discussed. The company got the bills out late and we had a lot of phone calls.

Brenda reported that we have \$66,248.49 left in project funds. She said she was afraid that the money will be pulled.

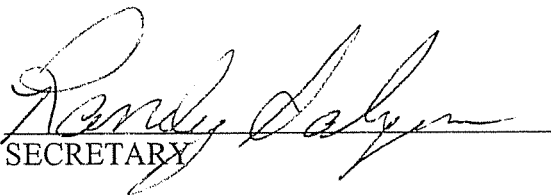
Mellow made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

Discussed giving employees a choice of payment of health insurance benefits as part of the employee's benefit package as salary or in the alternative to allow such employee to acquire alternative health insurance was discussed. Randall Hardin read the letter of opinion from the attorney. (Copy of the letter is attached)

Randall Hardin made a motion to go into executive session. Mellow seconded the motion. All voted Yea.

Commissioners returned from executive and Randall Hardin made a motion to return to regular session. Chester seconded the motion. All voted Yea.

Mellow made a motion to adjourn. Randall seconded the motion. All voted Yea.


SECRETARY



Office of the County Attorney
P.O. Box 1536
Salyersville, Kentucky 41465

Magoffin County Attorney
Gregory D. Allen

Assistant County Attorney
John C. Collins, Jr.

Phone: 606-349-7600
Fax: 606-349-7601

February 12, 2008

Magoffin County Water District
749 Parkway Road
P. O. Box 490
Salyersville, KY 41465

Attn: Randall Hardin - Chairman

Re: Question Concerning the Validity of Paying Health Insurance
Payments to Employees as Salary or to Allow Such Employee
To Obtain Alternative Health Insurance

Dear Chairman Hardin:

I have been contacted by you and Jim Hoskins concerning the practice of paying health insurance benefits to employees as part of the employee's benefits package as salary or in the alternative to allow such employee to acquire alternative health insurance. I have contacted the Legal Department for the Kentucky State Personnel System as well as the Kentucky Public Service Commission in regards to this issue and have been informed that such practice is not in violation of any statute or regulation. The parties that I spoke with basically indicated that payment of health insurance payments was considered a "fringe benefit" and that while payment of same may be considered a violation of the Kentucky Constitution and Statutory Authority when being paid on a County Official in violation of provisions disallowing a salary of a public officer to be changed after the election or appointment or during his term of office, same would not be applicable to a county employee. Further, the parties that I spoke with informed me that one of the closest cases dealing with this matter is the case of Caldwell County Fiscal Court, et al v. William Ralph Paris, 95-CA-3145 (Court of Appeals - May 30, 1997). In that case, the Kentucky Court of Appeals ruled that providing health insurance under group policy covering county officials and employees does not constitute payment of compensation or salary to those officials for purposes of state constitutional articles providing that compensation of any public officer shall not be changed after his election and setting forth maximum

annual compensation which may be paid to public officials. The Constitution Section 161, 235, 246. However, it must be noted that employees of the Magoffin County Water District are not public officers and therefore their salary is not specifically capped by the Kentucky Constitutional limitations. In that case, the Court also noted that "it is common place practice of employers furnishing benefits to employees over and above their salaries and wages. These benefits which include such things as retirement plans, health and disability insurance, and even life insurance, are commonly known as 'fringe benefits'. While these benefits certainly cost the employer, they are not considered to effect the pay, wages or compensation of the employee but are considered an additional benefit." If the fringe benefits paid to such public officials amounted to compensation in the constitutional sense, then the annual compensation of every public official who received the maximum salary permitted under Section 246 of the Kentucky Constitution, would have to be reduced by the value of the fringe benefit received each year.

Thus, in view of the fact that the specific issue that was presented to me does not relate to a public official, but rather an employee of the Magoffin County Water District, and further based upon the advise given by the State Personnel Department as well as the Public Service Commission, it would appear that the past practice of making the payments of the cost of this fringe benefit in the form of payments for health insurance premiums to the employee in the form of salary or to otherwise enable the employee to acquire health insurance at his or her choice does not violate any statute or regulation in regards to same. However, this would obviously amount to a form of income to the employee that may be taxable and would obviously need to be taken up with his or her accountant.

If you need any further information, please do not hesitate to contact me.

Very truly yours,



GREGORY D. ALLEN
MAGOFFIN COUNTY ATTORNEY

GDA:sgb

MINUTES

March 20, 2008

9:00 A.M.

Commissioners present were: Randall Hardin, Millow D. McCarty, Kenneth Auxier and Randall Salyer. Others present were: Brenda Powers, Allen McCarty, James Hoskins and Shirley Borders.

The meeting was called to order by Randall Hardin. Millow Dean made a motion to accept the minutes of the last meeting. Randall Salyer seconded the motion. All voted Yea.

Jim and Shirley reported on the new equipment and program. Shirley said she had finally got a scheduled delivery date and training dates for the change over. The meter reading devices are on back order.

Millow made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

Job at Tip Top discussed. There is eight or nine customer at Tip Top.

Fraud Policy that had been prepared was discussed. Randall Hardin made a motion to accept the policy as written. Millow seconded the motion. All voted Yea.

Jim discussed the updated Tariff. Randall Salyer made a motion to update the Tariff. Kenneth seconded the motion. All voted. Yea.

Good Friday was discussed. Good Friday was not on our list of Holidays. Randall Hardin complimented Jim, Shirley and Allen and said that all of our employees are doing a good job. He made a motion that the employees have Good Friday off as a paid Holiday. Randall Salyer seconded the motion. All voted Yea.

Randall Hardin made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

MINUTES

April 17, 2008

9:00 A. M.

All Commissioners were present. Others present were Brenda Powers, James Hoskins and Shirley Borders.

The meeting was called to order by Randall Hardin. Millow made a motion to approve the minutes of the last meeting. Randall Salyer seconded the motion. All voted Yea.

Progress was reported on all the work that had been done or in the process of being done. The billing program is working good. Software solutions people are scheduled be here to train the office staff on the windows program and conversion.

Chester made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

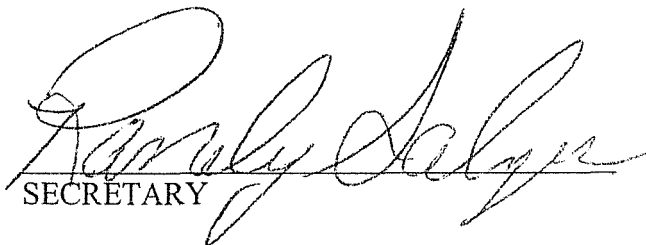
The line at Bear Branch breaking all the time is a problem. Anaconda has caused the problem. The state has assured us that they will take care of this for us. Discussed sending an itemized bill to Anaconda but decided not to at this time.

Randall said it looks like we are going to get project money and we are hopeful the Tip Top job will be in the project. We will need an additional \$95,000 for this job. It will require a pump station.

Kenneth inquired about a job at Carver. Jim said that we could set them a meter but they will have to run their own line.

Chester asked about Paddle and stated that there are ten families on Paddle that need water.

Millow made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

MINUTES

May 15, 2008
9:00 A.M.

All Commissioners were present. Others present were: Eddie Brown, Brenda Powers, James Hoskins and Shirley Borders.

The meeting was called to order by Chairman Randall Hardin. Millow Dean made a motion to accept the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Jim reported that everything was going good. He said the new office equipment is to be switch over next week.

Brenda said that the remaining money in KIA funds could be used to stock pile pipe and supplies needed for future jobs. After some discussion Randall Hardin made a motion for Jim to purchase pipe, meters and whatever is need for future use. Randall Salyer seconded the motion. All voted Yea.

Millow asked about our men installing water lines. We have to follow PSC regulations. Most of the sections left are rock and the water district cannot lay these lines. Chester made a motion for Jim to decide where the pipe will go the farthest. Randall Salyer second the motion. All voted Yea.

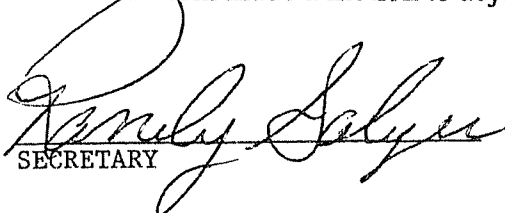
Brenda discussed the money we were to receive. She said that at this time \$1,000,000 is all that is shown to be available for us. She is working to try to get the other \$400,000 that was set up and budgeted for Magoffin County Water District

Chester made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

Jim said that the men had requested that they be paid ever two week instead of twice a month. Motion was made by Randall Hardin that the employees be paid every two week Randall Salyer seconded the motion. All voted YEA.

Jim discussed us accepting a student being employed by Big Sandy Community Action Program to work this summer. The student will be the sole responsibility of CAP but under the supervision of the Water District. Randall Hardin made a motion to accept the student for summer work and give Jim the authority to work with CAP on placing a student Chester seconded the motion. All voted YEA.

Randall Hardin made a motion to adjourn. Millow seconded the motion. All voted Yea.


SECRETARY

MINUTES

June 19, 2008

9:00 A.M.

All Commissioners were present. Others present were: Brenda Powers, Eddie Brown, Jim Hoskins and Shirley Borders.

The meeting was called to order by Randall Hardin. Millow made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Jim reported that we were setting a few meters. He said that he attended the Big Sandy ADD Board meeting and everything looks good over there. Jim said that we now have the student working for the summer.

Brenda said that the new project No.18 needs a budget to go to the Clearinghouse. It will take about 45 days to get it back from the Clearinghouse. She also needs the bills for pipe purchased when we receive them. She said we must advertise for anything over \$20,000.

Millow made a motion to approve payment of all bills. Randall Salyer seconded the motion. All voted Yea.

Randall Hardin made a motion to change the meeting date to the 2nd Friday of each month at 9:00 A.M. Randall Salyer seconded the motion. All voted Yea.

Pay Policy was discussed. Chester made a motion to approve the new pay policy. Kenneth seconded the motion. All voted Yea.

Employee Policy was discussed. Jim said that the girls in the office need time to check out and make deposits and that the office needs to closed at 4:00 P.M. Chester made a motion that the office hours be 8:00 A.M till 4:00 P.M for the public. Kenneth seconded the motion. All voted Yea.

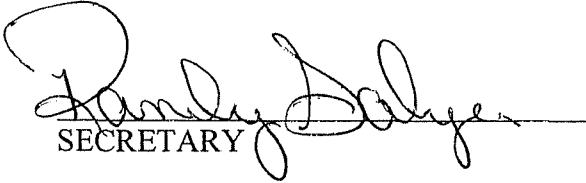
Jim said that the expense policy for meals while attended training sessions out of the county needs to be changed from \$10 to \$12 for day time travel and from \$25 to \$30 for overnight. Randall Salyer made a motion that the expense policy be changed as recommended. Chester seconded the motion. All voted Yea

Chester asked if there was anyway the City could furnish us more water for the Middle Fork section. Jim said the City pipes are old and do not work at full capacity and that

they have opened a value that should held. The City is trying to get enough money to replace all of the old pipes.

Eddie said we may need to consider another pump station and tank in the Middle Fork section which would help solve this problem.

Randall Hardin made a motion to adjourn. Millow seconded the motion. All voted Yea.


SECRETARY

MINUTES

July 11, 2008

9:00 A.M.

Commissioners present were: Millow D. McCarty, Kenneth Auxier, Chester Howard and Randall Salyer. Randall Hardin was absent. Others present were: James Hoskins and Shirley Borders.

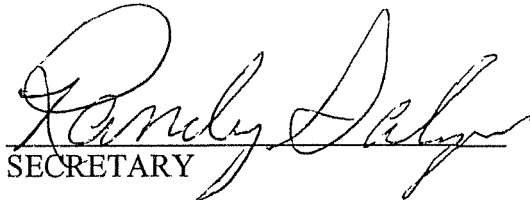
The meeting was called to order by Millow D. McCarty, Acting Chairman for the meeting. Kenneth made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Jim reported that the construction job is almost completed. He also reported that Brenda Powers told him that we would not be getting any KIA funds until next year. Jim said we have got several meters set since that last meeting.

Randall Salyer made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

Tank needed at Bear Branch was discussed. There is no money available for a tank.

Chester made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

SPECIAL MEETING

JULY 23, 2008

6:00 P.M.

A Special Meeting was called for July 23, 2008 to hire personnel. Commissioners present were: Randall Hardin, Randall Salyer, Chester Howard and Millow D. McCarty. Kenneth Auxier was absent. Others present were: James Hoskins and Shirley Borders.

The meeting was called to order by Randall Hardin. He said that an office employee had quit and that we need a new employee to replace her.

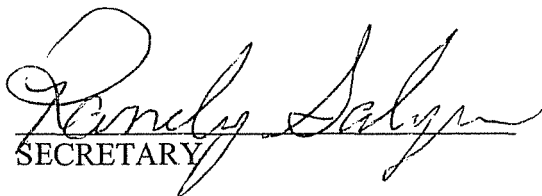
Randall Hardin made a motion to go into executive session. Randall Salyer seconded the motion. All voted Yea.

Commissions looked at the applications. Randall Hardin recommended that Lora Cantrell fill the vacant position as clerk.

Randall Hardin made a motion to go out of executive session and back into regular session. Chester seconded the motion. All voted Yea.

Randall Hardin made a motion to hire Lora Cantrell at \$8.00 per hour. Randall Salyer seconded the motion. All voted Yea.

Randall Salyer made a motion to adjourn. Millow seconded the motion. All voted Yea.


SECRETARY

MINUTES

August 8, 2008

9:00 A.M.

All Commissioners were present. Others present were: James Hoskins and Shirley Borders.

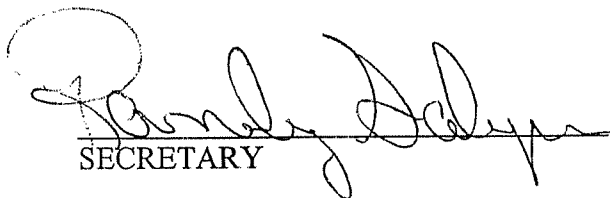
The meeting was called to order by Randall Hardin. Millow made a motion to approve the minutes of the last meeting. Kenneth seconded the motion. All voted Yea.

Jim said he had talked to Eddie and Brenda and went over a list of things that we need to use the addition money for. He said we need a scanner to scan the bills. He stated that if we buy pipe and it is left out in the sun the pipe loses its strength. Brenda and Eddie are working to see what they can get done.

Randall asked about the summer employee. Jim said he was a good boy and did a good job.

Randall Hardin made a motion to pay all bills. Millow seconded the motion. All voted Yea.

Randall Hardin made a motion to adjourn. Millow seconded the motion. All voted Yea.


SECRETARY

MINUTES

September 12, 2008

9:00 A.M.

All Commissioners were present. Others present were: Eddie Brown, James Hoskins and Shirley Borders.

Meeting was called to order by the Randall Hardin. Millow made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Jim reported that Eddie and Brenda came through for us on the KIA funds. The new truck has been purchased and ready to be picked up on the 16th.

The water line on Blaze Branch that Magoffin County Fiscal Court loaned us money to build has been completed. Double D Construction laid the line.

We have one old truck, a dump truck and a bush hog cutter that can be sold. Jim said he would get the description of these items for the next meeting.

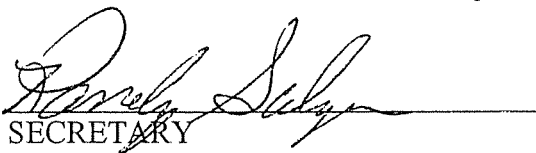
Chester made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

Health insurance compensation policy was discussed. The Water District will compensate employees toward their own insurance if they decide not to obtain the insurance provided by the Water District. The rate of compensation will depend on the number of years earned. The following schedule will apply: 1-5 years - \$100; 5-10 years - \$200; After 10 years -\$301. Randall Hardin made a motion to approve this policy. Randall Salyer seconded the motion. All voted

Randall Hardin stated that the Commissioners appreciated the efforts of Eddie and Brenda for the good job they have done for us. He also complimented all of our employees on the good job they are doing.

He complimented Jim and Shirley for their good job of administration.

Randall Hardin made a motion to adjourn. Millow seconded the motion. All voted Yea.


SECRETARY

MINUTES

October 10, 2008

9:00 A. M.

Commissioners present were: Millow D. McCarty, Chester Howard and Kenneth Auxier. Randall Hardin and Randall Salyer were absent. Others present were: Brenda Powers, Jim Hoskins and Shirley Borders.

The meeting was call to order by Millow D. McCarty, acting as Chairman in the absence of Randall Hardin. Chester made a motion to approve the minutes of the last meeting. Kenneth seconded the motion. All voted Yea.

Jim reported that the new truck had been bought and that the office equipment will be delivered and installed on October 17th. He also reported on the water situation in the county.

Kenneth made a motion to pay all bills. Chester seconded the motion. All voted Yea.

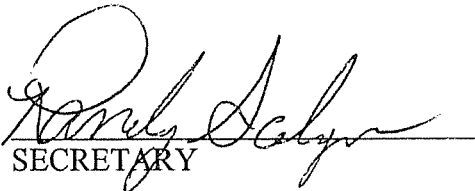
Jim said he had discussed changes in our Tariff with PSC and passed out copies of the proposed changes to the Commissioners. Some changes can be made without changing the water rates. Jim recommended that these changes be requested. Chester made a motion to approve the changes. Kenneth seconded the motion. All voted Yea.

Jim said that the Water District has bought boots for all employees in prior years and recommended that we buy them this year. Kenneth made a motion to buy boots for all employees. Chester seconded the motion. All voted Yea.

Jim said he attended a drought meeting with the City of Salyersville and other agencies were on the speaker phone. At this time we don't know what is going to happen with the water situation.

They discussed opening up the 460 line that was laid from Johnson County to Magoffin County.

Chester made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

MINUTES

November 14, 2008

9:00 A. M.

Commissioners present were: Randall Hardin, Millow D. McCarty, Kenneth Auxier and Chester Howard. Randall Salyer was absent. Others present were: Eddie Brown, Brenda Powers, Allen McCarty, James Hoskins, Shirley Borders and others who had bid on our equipment.

Randall Hardin made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Bids on equipment was opened and read aloud. The highest bidder on the bush hog was Kenneth Williams. The highest bidder on the dump truck was Kenny Hattton. Equipment was awarded to the highest bidders on the dump truck and the bush hog. Chester Howard made a motion to not accept the bids on the pick up truck and keep the truck for parts. Millow seconded the motion. All voted Yea.

Randall Hardin made a motion for Jim to notify the highest bidder and let them know that the equipment must be picked up within seven days or the equipment will be awarded to the second highest bidder. Chester seconded the motion. All voted Yea.

Jim reported that the new computer equipment has been installed and that the mail scanner is in the process of being ordered. The water line has been tied in on Rt. 460 to Johnson County and 60 ft. of line laid but a check valve or master meter has not been put in.

We need to look at long term options to solve our water problems. Eddie reported that Prestonsburg is going to put a water storage tank in near the county line. Randall reported that Morgan County is going to bring their line to the Magoffin County line.

Millow made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

In other business, clothing allowance and pay raises were discussed. Jim said due to the economy and budget that Allen, Shirley, Debra and himself have agreed to not get any salary increase this year so the other employees can get a pay increase. Randall Hardin made a motion to give the other employees each a \$600 pay increase and that all employees be given an after tax clothing allowance of \$500. Kenneth seconded the motion. All vote Yea.

Jim had Robin Lemaster to come in and be recognized for locating a customer that had accidentally left over \$500 in an envelope and seeing that the money was returned to her.

Jim and the commissioners expressed their appreciation of her honesty.

The 2009 budget that had been presented to the commissioners was discussed. Randall Hardin made a motion to approve the budget. Millow seconded the motion. All voted Yea.

Brenda went over information on the \$1,000,000 grant for Project 18A, 18B and 18C. She said she did not know if we were going to get the \$400,000 or if Salyersville was going to get it.

Jim is going to order the mail scanner and other supplies that KIA is going to pay for.

Randall Hardin made a motion to adjourn. Chester seconded the motion. All voted Yea.

SECRETARY

MINUTES

December 12, 2008

9:00 A. M.

Commissioners present were: Randall Hardin, Chester Howard and Millow D. McCarty. Commissioners absent were: Kenneth Auxier and Randall Salyer. Others present were: Eddie Brown, Brenda Powers, Allen McCarty, James Hoskins and Shirley Borders.

Meeting was called to order by Randall Hardin. Millow made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Brenda discussed the Grant Agreement. Randall Hardin made a motion to accept the Grant Agreement. Chester seconded the motion. All voted Yea.

Jim reported that Eddie had come down and helped with the information that we had to send to the Public Service Commission. He said that the meeting date with PSC had been changed to February 10, at 10:00 A.M.

Jim said most of our supplies that KIA was paying for has been received.

Millow made a motion to pay all bills. Chester seconded the motion. All voted Yea.

Jim discussed the information that he had received from Maynard Insurance which showed an increase of 14.4 percent on employees health insurance. The Commissioners told him to try to get some other quotes of policies that are similar to what we now have.

Brenda and Eddie discussed the loss of the \$400,000 that we thought we were going to get from KIA. We will get the \$1,000,000 which will consist of \$600,000 for the radio meter reading system and \$400,000 for the line construction projects. All projects will be left in the project profile.

Randall Hardin made a motion to approve the projects as listed above. Chester seconded the motion. All voted Yea.

Brenda invited everyone over to the ADD office Thursday for their open house.

Our future water supply was discussed.

Randall made a motion to adjourn. Millow seconded the motion. All voted Yea.

MINUTES

January 23, 2007
9:00 A. M.

Commissioners present were: Paul H. Salyer, Joe K. Conley, Billy J. Rowe and Jeffery Bailey. Commissioners absent were: Mark Minix. Others present were: Brenda Powers, Eddie Brown, William J. Cantrell and Shirley Borders.

The Chairman called the meeting to order. Bill Rowe made a motion to approve the minutes of the last meeting. Joe seconded the motion. All voted Yea.

Bill Cantrell reported that the money has been approved for Project #17. The bond sale will be next month.

Bill reported on water leaks found this month at Ivyton and Burning Fork. We had a water loss of one million gallons per month from the Burning Fork leak which cost us \$2,350 per month. It had been leaking for about 3 months.

Rural Development has approved our operating budget for 2007.

Mr. Stidham with the Division of Water wants the job on KY-7 near Floyd County line to be done. The plan and cost was sent to them sometime ago and they did not respond.

Bill has figured the approximate cost of the 2" meter that the Horse Race Track people have requested at Earl May Farm will be \$3,000.

Bill discussed the change in employee holiday and leave policy. Bill Rowe had the words will changed to shall. Jeff made a motion to approve the leave policy after the words will was changed to shall. Joe seconded the motion. All voted Yea. All timesheets must be signed by a supervisors or manager.

Bill Cantrell reported that Kennetta Rhena Howard had eye surgery and he recommended that she be granted 2 weeks sick leave. Bill Rowe made a motion to approve Bill Cantrells' recommendation and grant her 2 weeks sick leave. Jeff seconded the motion. All voted Yea.

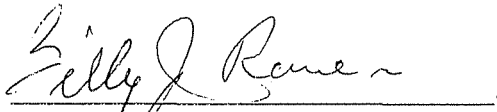
Bill recommended that we pay off loan No. 1 which is \$242,000. Jeff made a motion to pay off Loan No. 1 if we could do so. Joe seconded the motion. All voted Yea.

Bill Cantrell said he received a call yesterday from Duke York with the Division of Finance about the job on KY-7 near the Floyd County line. The letter that was mailed to him was dated November 20, which was two months ago. Mr. Duke said that it would be approved in the next week.

The project profile for Project #18 is ready for approval.

Bill Rowe made a motion to pay all bills. Joe seconded the motion. All voted Yea.

Joe made a motion to adjourn. Bill Rowe seconded the motion. All voted Yea.


SECRETARY

MINUTES

February 27, 2007

9:00 A. M.

The meeting was called to order by Paul H. Salyer. All Commissioners were present. Others present were: Johnna Prater, Brenda Powers, Willam J. Cantrell and Shirley Borders.

Joe made a motion to approve the minutes of the last meeting. Mark seconded the motion. All voted Yea.

Project #17 was discussed. Bill said the project was ready to bid except the right-of way easement has not been obtained for the road to Prestonsburg. Bill recommended that we advertised the project on March 8. Bill Rowe made a motion that we advertise this project for bid pending the right-of-way needed. Joe seconded the motion. All voted Yea. Brenda Powers with ADD said the money has been approved.

There is a Water Management meeting at the ADD office on March 9 at 11:00 A. M.

Software Solutions is sponsoring a meeting on our billing program and new updates in Lexington and March 14. Kennetta and Robin need to attend this meeting. The Commissioners recommended that that attend this meeting.

Project #18 was discussed.

Renting space for meeting and extra office space was discussed. The Water District has not been paying any rent the office space for the managers office and meeting space. Jeff made a motion to rent room #1 where we are meeting today at \$225 per month on the condition that the Lease space can be cancelled by giving a 30 day notice at any time. Joe seconded the motion. Jeff, Paul and Joe voted Yea. Bill Rowe voted Na. Mark Abstained.

Discussed William J. Cantrell semi-retiring. He asked the Commissioners to let him work half time as manager at receive half of his present salary and health insurance. Jeff made a motion to approve Bill Cantrell request. Joe seconded the motion. All voted Yea.

Joe made a motion to pay all bills. Bill seconded the motion. All voted Yea.

Bill Rowe requested that all checked mailed to Randall Hardin be registered with a card return.

Bill went over all the water breaks that we have had this month and water losses. He stated that we had lost about 2.5 million gallons of water this month due to leaks. School job was discussed. If this job cost more than \$20,000 it must be bid.

Job near Floyd County for the 2 homes in Floyd County has an estimated cost of \$4,300 and they will have to pay us. This has been approved.

Johnna Prater has she appreciated us getting the approval for water on Stone Coal Branch.

Jeff made a motion that Bill Cantrell be paid for his vacation time. Bill Rowe seconded the motion. All voted Yea.

James Hoskins being appointed as acting part time manager temporary. Jeff made a motion that he be hired as acting part time manager temporary. Bill Rowe seconded. All voted Yea.


Mark made a motion to increase James Hoskins salary \$100 per month. Bill Rowe seconded the motion. Jeff, Paul and Joe voted Na.

Rill Rowe made a motion to increase James Hoskins salary \$75.00 per month. Jeff seconded the motion. All voted Yea.

Loan #1 has been paid in the amount of \$245,853.58.

Bill Rowe made a motion to approve the minutes of todays (February 27, 2007) minutes. Joe seconded the motion. All voted Yea.

Bill Rowe made a motion to adjourn. Jeff seconded the motion. All voted Yea.



SECRETARY

MINUTES
SPECIAL MEETING

March 16, 2007
9:00 A.M.

Magoffin County Water Districts' new Commissioners held a special meeting March 16, 2007. The meeting was called to order by Randall Hardin. Commissioners present were: Randall Hardin, Chester Howard, Millow D. McCarty and Randall Salyer. Kenneth Auxier was absent. Others present were: William J. Cantrell, James Hoskins, Shirley Borders and Wally Hardin.

The meeting was called to order by Randall Hardin. First item of the agenda was election of officers. Millow McCarty made a motion to elect Randall Hardin as Charman. Chester seconded the motion. All voted Yea.

Randall Hardin made a motion to elect Millow McCarty as Treasurer. Chester seconded the motion. All voted Yea.

Randall Hardin made a motion to elect Randall Salyer as Secretary. Millow McCarty seconded the motion. All voted Yea.

Paying bills was discussed. Payroll is paid on the 16th and 31st of each month. Commissioners had a list of bills to be paid. Millow made a motion to pay all bills. Randall Salyer seconded the motion. All voted Yea.

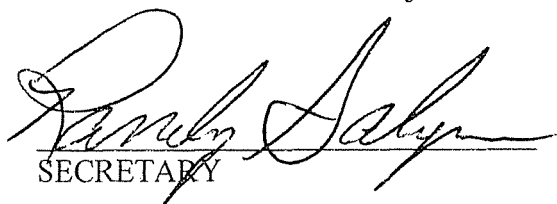
The Treasurer, the Chairman and Shirley Borders are authorized to sign checks.

Bill Cantrell discussed the need for a telemetry control pump station system. JJ&M Contracting gave us a bid of \$2,509. Bill recommended that they accept the bid for the pump station. Randall Salyer made a motion to accept this bid. Millow seconded the motion. All vote Yea..

Randall made a motion to change the meeting date to the last Thursday of each month at 9:00 A.M. beginning in April. Chester seconded the motion. All voted Yea.

The Commissioners are getting bonded today.

Randall made a motion to adjourn. Randall Salyer seconded the motion. All voted Yea.


SECRETARY

MINUTES

Magoffin County Water District held their regular meeting March 27, 2007 at 9:00 A.M. at the Water District Office. Commissioners present were: Randall Hardin, Randall Salyer, Chester Howard and Kenneth Auxier. Millow McCarty was absent. Others present were: Johana Prater, Brenda Powers, James Hoskins, Gary Pope, William Cantrell, Shirley Borders and two prospective bidders.

The meeting was called to order by Randall Hardin. Randall made a motion to approve the minutes of the special meeting. Chester seconded the motion. All voted Yea.

Bill reported on the following progress: Job has been completed to Floyd County line and a one inch meter has been set. They have paid for the job. He reported on the School System job at big half mountain. There were more water breaks last month than we have ever had. All breaks have been repaired.

We will open bids on contract No 17 today at 10:00 A.M. A lot of bidders have picked up packets to bid.

Bill has written Project No. 18 profile and sent it to the Big Sandy ADD Board. He discussed the meter reading system. He also discussed cost data on each job for project #18. The cost is 1.4 million.

On project #17 we will serve as many people as we possible can. If the money is not there then the jobs with the least amount of customers will have to be left out.

In other business the problem of fire departments not reporting water used was discussed and how we could get them to report to us.

Randall Salyer made a motion to change the regular water meetings to the 3rd Thursay at 9:00 A.M. Kenneth seconded the motion. All voted Yea.

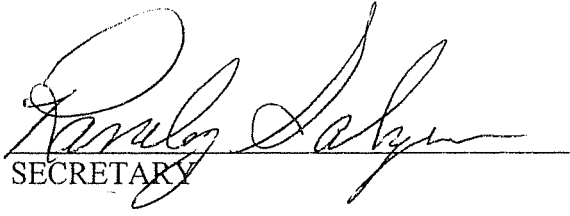
Johnna Prater said she was interested in getting water for her section.

Randall made a motion to pay all bills. Chester seconded the motion. All voted Yea.

The meeting was recessed until 10:00 A.M. for the bid opening.

The meeting continued at 10:00 A.M. All bids were opened. Low bidder on Project 17A was Music Construction and G & W Construction was low bidder on Project 17B.

Randall Salyer made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

MINUTES
SPECIAL MEETING

The Magoffin County Water District held a special meeting April 16, 2007 at 6:00 P.M. All Commissioners were present. Others present were: Brenda Powers, Eddie Brown, Jim Hoskins, William Cantrell, Shirley Borders and a man from the Punchon area.

The meeting was called to order by Randall Hardin.

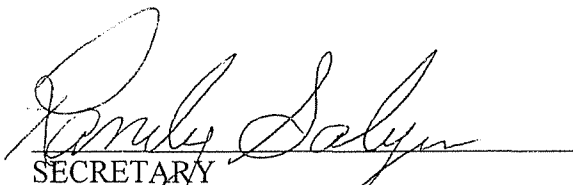
Bill discussed Project 17A and 17B. He said the Water District was short about \$51,000 on Project 17B. He said that he wanted to solve the problem so no water line would be left out. He could not find any more grant funds. He reworked both budgets so they would balance and no water line would be cut out. The budgets were approved by Eddie Brown, Engineer and Brenda Powers, Administrator of the Grant Funds before it was presented to the Commissions. Millow made a motion to accept the budgets. Chester seconded the motion. All voted Yea.

The low bid on Project 17A was Music Construction Co and G & W Construction Co. had the low bid on Project 17B. Millow made a motion to accept the low bids. Randall Salyer seconded the motion. All voted Yea.

Next meeting will be the pre-construction conference. A special meeting will be held for the pre-construction conference with the contractors in about two weeks.

Meeting for April 19th has been cancelled. The Salyersville Independent and WRLV Radio will be notified

Randall Salyer made a motion to adjourn. Millow seconded the motion. All voted Yea.


SECRETARY

MINUTES

Magoffin County Water District held their regular meeting May 17, 2007 at 9:00 A.M. All Commissioners were present. Others present were: Eddie Brown, Brenda Powers, James Hoskins and Shirley Borders.

The meeting was called to order by Randall Hardin. Millow Dean made a motion to accept the minutes of the last meeting. Randall Salyer seconded the motion. All voted Yea.

Jim reported that Ronnie and Bill have been doing the inspection on the construction job. He said Greg has checked on the Gibson Branch job and no one up there said they wanted the water. If they don't want the water then we may be able to make a change order or use the money to buy needed equipment. Jim said that we needed a backhoe. Jim said that he and Bill had talked about purchasing a backhoe. Randall asked about leasing a backhoe. Bill had checked on leasing a backhoe and this was not feasible.

Randall Hardin made a motion that Allen McCarty be paid \$301 per month for health insurance. Kenneth seconded the motion. All voted Yea.

Randall Hardin had a letter of resignation from William J. Cantrell. Chester made a motion to accept his resignation. Randall seconded the motion. All voted Yea. With his resignation was a request that be paid for addition hours worked. Kenneth made to motion to pay him for hours worked. Randall Salyer seconded the motion. All voted Yea.

Randall Hardin reported that we need additional funding of \$105,000 to complete the Long Creek job. He said he has been in contact with the Governors Office and KIA and he said it did not look that this was going to happen at this time. This job is already in the project profile.

Mellow Dean asked about water on up Buffalo. Jim said we do have the pressure to run it up there. Chester asked about Back Branch.

Brenda is working on prioritizing projects and she needs this information now. This must be to ADD by early June.

Randall Hardin made a motion to adjourn. Mellow Dean seconded the motion. All voted Yea.

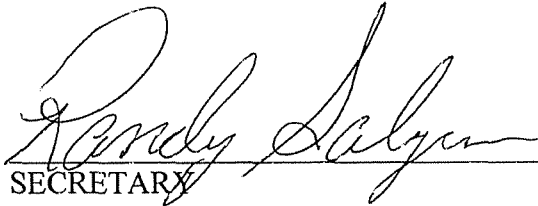

SECRETARY

PROGRESS MEETING

A progress meeting was held May 17, 2007 at 10:00 A.M. All Commissioners were present. Others present were: Eddie Brown, Brenda Powers, Jim Hoskins, Shirley Borders, James Music and Ronnie Lewis.

Eddie Brown presented pay estimates for Projects 17A and 17B for approval and signatures. G & W Constructions job is under construction and Jim Music said they plan to start work on Project 17A next week.

All pay estimates were signed and approved for payment when money is received.


SECRETARY

PROGRESS MEETING

June 21, 2007
10:00 A.M.

All Commissioners were present: Others present were: Eddie Brown, Brenda Powers, Kevin Whitaker, James Hoskins, Shirley Borders, James Music and Ronnie Lewis.

All invoices were approved and signed for payment when money received.

Next progress meeting was set for July 19th at 9:00 A.M at the regular meeting date.


SECRETARY

MINUTES

June 21, 2007

9:00 A.M.

All Commissioners were present. Others present were: Eddie Brown, Brenda Powers, Kevin Whitaker, Orville Risner, Jim Hoskins and Shirley Borders.

The meeting was called to order by Randall Hardin. Mellow made a motion to accept the minutes of the last meeting. Randall Salyer seconded the motion. All vote Yea.

Progress Report was made a Project 17A and 17B. Eddie said that both contracts are going very good. Brenda said that she needed payrolls from both contractors. Shirley reported that KIA money had been received and all contract payments have been made.

Chester made a motion to pay all bill. Randall Salyer seconded the motion. All voted Yea.

Orville Risner presented a petition for RT 378 with ten names of people who wanted water. The Chairman explained to Mr. Risner that there was no money for this project but the Commissioners would do what they could when money is available.

Jim Hoskins reported that we had to have a new pump and it has been ordered.

Randall Hardin made a motion to go into an executive session to discuss personnel. Kenneth Auxier seconded the motion. All voted Yea. Randall Hardin made a motion to go out of executive session and return to the regular meeting Randall Salyer seconded the motion. All voted Yea.

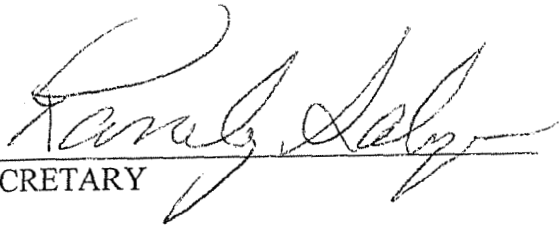
Randall Hardin read a Management Contract between Magoffin County Water District and James Hoskins to be effective October 1, 2007 and extend for 3 years ending on September 30, 2010. Randall Hardin made a motion to approve the contract which set his salary at \$47,179.20 per year with all benefits that are stated in the contract. Chester seconded the motion. All voted Yea. (Copy of the Contract is Attached)

Randall Hardin made a motion that Allen McCarty replace James Hoskins as field supervisor at the same salary that Jim Hoskins now receive effective September 1, 2007. Randall Salyer seconded the motion. All voted Yea.

Randall Hardin made a motion that Dwayne Arnett be hired to replace Allen McCarty as field employee and that he be paid \$12.00 per hour. He is to begin work June 22, 2007. Kenneth Auxier seconded the motion. All voted Yea.

Randall Hardin made a motion to pay all project bills when money is received. Chester seconded the motion. All voted Yea.

Randall Salyer made a motion to adjourn. Mellow seconded the motion. All voted Yea.


SECRETARY

Cancelled 8/16/07

MANAGEMENT CONTRACT

This Management Contract Agreement is entered into between the MAGOFFIN COUNTY WATER DISTRICT, P.O. Box 490, Salyersville, KY., and JAMES W. HOSKINS, P.O. Box 569, Salyersville, KY., effective October 1st, 2007, as Manager of the Magoffin County Water District, and shall continue until September 30th, 2010.

The Manager will have the following duties and responsibilities:

1. The Manager shall have full authority for day to day operations of the Magoffin County Water District.
2. The Manager shall have full responsibility for supervision of all water district employees and make recommendations to the Water District Commissioners on personnel needs.
3. The Manager shall have responsibility for handling complaints, approve all purchases and approve all invoices for payment.
4. The Manager will make an annual operating budget.
5. The Manager will see that all reports to Farmers Home Adm., Public Service Commission and annual budget are made as required.
6. The Manager shall have full authority to assign all employees to any duty related to the water system as needed.
7. The Manager will see that the water district operates according to Public Service Commission regulations and water district policies.
8. The Manager will be responsible to provide equipment and materials as needed as the budget will permit.

9. The Manager will make feasibility determinations for new water lines, applications for money, assist with easements and customer signups.
10. The Manager will report to the Commissioners on the operations of the water district at their regular meetings.
11. The Manager will make recommendations to the Commissioners of the water district for professional assistance and other employs that the water district will need to employ.
12. The Manager will be responsible for the administration of all federal and local funds for the water systems.

The Magoffin County Water District shall pay James W. Hoskins a Contract salary of \$47,179.20 per year and the same fringe benefits that other employees receive. The Manager shall receive the same salary increases and other compensation as other employees receive during this contract period.

Kenneth R. Howard
Witness

Randall Hardin
RANDALL HARDIN, CHAIRMAN

Don M. Farland
Witness

James W. Hoskins
JAMES W. HOSKINS

MAGOFFIN COUNTY WATER DISTRICT

MINUTES

July 19, 2007

9:00 A.M.

All Commissioners were present. Others present were: Brenda Powers, Chris Whitaker, Eddie Brown, James W. Hoskins and Shirley Borders.

Randall Hardin called the meeting to order. Millow made a motion to approve the minutes of the last meeting. Chester seconded the motion. All vote Yea.

Project 17A and 17B was discussed. All meters are in the ground. Final adjustments made, clean up is good. Needs some blacktop fixed. Both of the projects should be completed by the next meeting. Brenda said there was an issue with the payroll rates on Music Construction job. They have been notified and are in the process of correcting this. Jim said there were a few little things to be completed but no big item.

Kenneth made a motion to pay all project bills when money is received. Randall Salyer seconded the motion. All voted Yea.

Mellow made a motion to pay all bills. Chester seconded the motion. All vote Yea.

We have received a notice from Salyersville Water Works that they have requested a rate increase from PSC for a .20 cent increase per 1,000 gallons of water. We are getting a request prepared to go to PSC to reflect this change in our water rates. Salyersville Water Works said they would not put their increase into effect until we have our rates approved.

The jobs that Double D Construction are doing for us was discussed.

Randall Hardin asked about Project #18. Brenda said she did not know when any funds would be ready for this project. Other projects requested will have to go on Project #19 request.

Millow made a motion to adjourn. Chester seconded the motion. All voted Yea.


SECRETARY

MINUTES

AUGUST 16, 2007

9:00 A.M.

Commissioners present were: Randall Salyer, Millow D. McCarty, Chester Howard and Kenneth Auxier. Randall Hardin was absent. Others present were Brenda Powers, Doug Woods, Eddie Brown, James Hoskins and Shirley Borders.

Randall Salyer called the meeting to order. Chester made a motion that Randall Salyer serve as Acting Chairman for the meeting. Mellow seconded the motion. All voted Yea.

Mellow made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea

Mellow made a motion to approve payment of all bills. Kenneth seconded the motion. All voted Yea.

Jim said that Shirley has got medical insurance and she would like to get the \$301 per month instead of paying her insurance. Chester made a motion to give Shirley \$301 per month to pay on her medical insurance. Kenneth seconded the motion. All voted Yea.

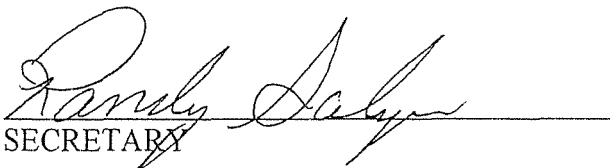
Jim reported that we had a water leak Sunday and our employees came out and fixed the leak and did a good job.

Jim requested that his Management Contract be cancelled. Mellow made a motion to cancel his Management Contract. Kenneth seconded the motion. All voted Yea.

Shirley reported that the rate increase had been prepared and mailed to PSC and a copy of the new rates will be in the newspaper today. The new water rates will be applied to this months water bills. The City will be billing us the new rates this month.

Eddie Brown said that everything should be completed by the next meeting time. Brenda presented a bill for payment. Chester made a motion to pay Contract #17 invoices when money is received. Kenneth seconded the motion. All voted Yea.

Mellow made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

MAGOFFIN COUNTY WATER DISTRICT

MINUTES

September 20, 2007

9:00 A.M.

Commissioners present were: Randall Hardin, Millow D. McCarty, Chester Howard and Kenneth Auxier. Randall Salyer was absent. Others present were: Eddie Brown, Brenda Powers, Doug Woods, Patty Maynard, Allen McCarty and Shirley Borders.

Meeting was called to order by Randall Hardin. Randall made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Eddie said that everything is completed on Project #17A and Project #17B. Brenda said she had contacted KIA about funds that were left over from the projects. The funds can be used for new billing equipment, computers, software and/or equipment, etc. Our computer, billing equipment and billing software must be updated. The project profile must be amended. Chester made a motion to pursue the purchase of new computers, software and billing equipment if we have additional funds available from these projects. Kenneth seconded the motion. All voted Yea.

Chester made a motion to pay all project invoices when money is received. Millow seconded the motion. All voted Yea.

Patty Maynard explained Anthem health insurance policy that she had to offer. Yearly savings would be about \$295.94 month with the information that she has put together but there was a few item that she needed more information on. They discussed the Bluegrass Family Health policy that we now have. Randall made a motion that we make Billy Maynard our new Bluegrass agent so they can get Bluegrass insurance information on the policy we now have. Millow seconded the motion. All voted Yea.

Randall reported that one of our men totaled one of our trucks. The insurance company is going to pay us \$13,055. Millow said that he could get a General Motors Credit for us if we wanted to use his credit. Allen said that we needed a 4-wheel drive to get to some of the places.

Randall Hardin made a motion that Allen McCarty be acting superintendent. Chester seconded the motion. All voted Yea.

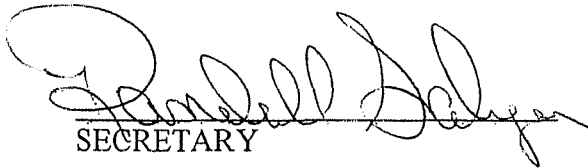
Randall made a motion that we advertise for a superintendent. Randall will write up the job description and qualifications for the job. Millow seconded the motion. All voted Yea. The advertisement will run for two week and a deadline for applications will be stated in the advertisement.

Milow made a motion to pay all bills. Chester seconded the motion. All voted Yea.

Big Lick Branch was discussed. Big Lick Branch is in Project #18 when funded.

There is a management meeting at 11:00 A.M. September 27, at the ADD office.

Chester made a motion to adjourn. Milow seconded the motion. All voted Yea.


SECRETARY

Magoffin County Water District

MINUTES

October 18, 2007
9:00 A.M.

All Commissioners were present. Others present were: Doug Woods, Eddie Brown, Brenda Powers, Allen McCarty and Shirley Borders.

The meeting was called to order by Randall Hardin. Millow made a motion to accept the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Project 17A & 17B were discussed. Both projects are completed. Invoices were presented for payment. After final payments are made there will be money left over on the projects. First priority for use of the money will be to purchase a backhoe. The backhoe will need to be bid. Second priority will be the purchase of new billing program and computer hardware system for the billing and collection.

Southside School project has been completed and payments have been made.

Brenda said that Kenvirons has been overpaid on one of the projects and they will need to reimburse the project account for this amount. We cannot take it out off of the other project funds.

Randall Hardin made a motion to purchase a new truck to replace the wrecked truck. Kenneth seconded the motion. All voted Yea. We have received the insurance for the wrecked truck. Allen passed out quotes that he had received from truck dealers for the commissioner to review. Alex Montgomery Chevrolet had the lowest quote. Randall made a motion to purchase the truck from Alex Montgomery Chevrolet. Chester seconded the motion. All voted Yea.

Millow made a motion to pay all bills. Chester seconded the motion. All voted Yea.

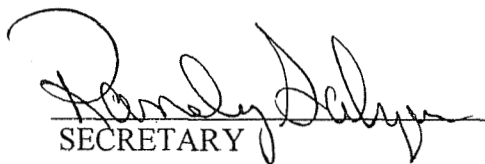
Applications for the position of superintendent have been received. The Commissioners went into executive session.

After returning from the executive session Randall Hardin made a motion to return to the regular session. Chester seconded the motion. All voted Yea.

They reported that only one application was received for the superintendent position. Randall Hardin made a motion to enter into a contract with James W. Hoskins for superintendent to start on November 1. Randall Salyer seconded the motion. All voted Yea.

A copy of the contract is to be attached to these minutes.

Randall Hardin made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

SUPERINTENDENT CONTRACT

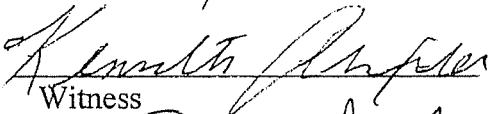
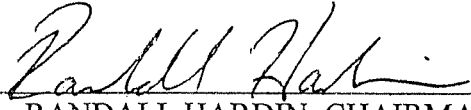
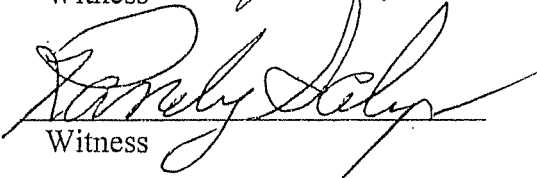
This Contract Agreement is entered into between the MAGOFFIN COUNTY WATER DISTRICT, P.O. Box 490, Salyersville, KY., and James W. Haskins, effective Nov 1st 2007 as Superintendent of the Magoffin County Water District, and shall continue until October 31st, 2010.

The Superintendent will have the following duties and responsibilities:

1. The Superintendent shall have full authority for day to day operations of the Magoffin County Water District.
2. The Superintendent shall have full responsibility for supervision of all water district employees and make recommendations to the Water District Commissioners on personnel needs.
3. The Superintendent shall have responsibility for handling complaints.
4. The Superintendent will make an annual operating budget.
5. The Superintendent will see that all reports to Farmers Home Adm., Public Service Commission and annual budget are made as required.
6. The Superintendent shall have full authority to assign all employees to any duty related to the water system as needed.
7. The Superintendent will see that the water district operates according to Public Service Commission regulations and water district policies.
8. The Superintendent will be responsible to see that all water samples are collected.

9. The Superintendent will make feasibility determinations for new water lines, applications for money, assist with easements and customer signups.
10. The Superintendent will report to the Commissioners on the operations of the water district at their regular meetings.

The Magoffin County Water District shall pay James W. Hoskins a Contract salary of \$47,250.00 per year and the same fringe benefits that other employees receive. The Superintendent shall receive the same salary increases and other compensation as other employees receive during this contract period.

 Witness	 RANDALL HARDIN, CHAIRMAN
 Witness	<u>James W. Hoskins</u> JAMES W. HOSKINS

MINUTES

Magoffin County Water District

November 15, 2007
9:00 A. M.

The following Commissioners were present: Randall Hardin, Millow D. McCarty, Chester Howard and Kenneth Auxier. Randall Salyer was absent. Others present were: Brenda Powers, James Hoskins, Allen McCarty and Shirley Borders.

The meeting was called to order by Randall Hardin. Randall Hardin made a motion to approve the minutes of the last meeting. Kenneth seconded the motion. All voted Yea.

Brenda Powers discussed project funds and purchases that could be made. Jim said that the 8" line on the project has not been tested yet.

Jim thanked the commissioners for hiring him. Jim recommended a salary increase of \$1,200 for each employee except Debra Borders and an increase of \$2,000 instead of \$1,200 for Robin Lemaster. Randall Hardin made a motion to approve Jims' recommendation for salary increases. Kenneth seconded the motion. All voted Yea.

Shirley submitted time for extra hours worked. Randall Hardin made a motion to pay Shirley for all extra hours that she works. Chester seconded the motion. All voted Yea.

Jim discussed the days off for Thanksgiving and Christmas holidays. Millow made a motion that the employees have two days off for Thanksgiving and two days off for Christmas holidays. Chester seconded the motion. All voted Yea.

Jim reported that the employees have not yet been paid their clothing allowance of \$125 for last year. Randall Hardin made a motion to pay the employees their clothing allowance that was due for last year now and to give the employees \$475 for this year clothing allowance. Kenneth seconded the motion. All voted Yea. .

Jim discussed the purchase of the backhoe. Millow made a motion to advertise for a Case or equivalent backhoe. Chester seconded the motion. All voted Yea.

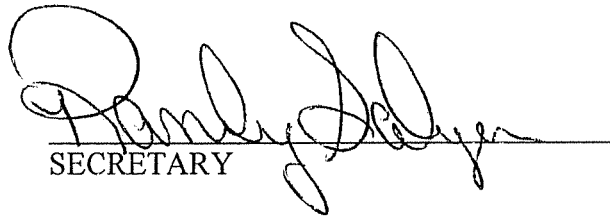
New billing program and billing equipment was discussed. Randall Hardin made a motion to enter into a contract with Rendering Solutions for our billing and get the required equipment needed to update our billing program. Millow seconded the motion. All voted Yea.

Millow made a motion to pay all bills. Kenneth seconded the motion. All voted Yea.

Shirley presented the annual budget that had been prepared and went over each budgeted item with the Commissioners. After discussing the budget Millow made a motion to approve the annual budget. Chester seconded the motion. All voted Yea.

Shirley is preparing the three year budget reported that is due by December 1.

Randall Hardin made a motion to adjourn. Kenneth seconded the motion. All voted Yea.


SECRETARY

MINUTES

DECEMBER 20, 2007

9:00 A.M.

Commissioners present were: Randall Hardin, Millow D. McCarty, Randall Salyer and Chester Howard. Kenneth Auxier was absent. Others present were: James Hoskins, Shirley Borders, Brenda Powers, America Perkins, Angela Perkins and two representatives from Wilson Equipment Co.

The meeting was called to order by Randall Hardin. Randall Hardin wanted to add a statement to last months minutes that the reason for Robin Lemaster getting an additional increase in pay of \$800 more than other employees was that she went above and beyond her duties during the sickness of her co-worker. Millow made a motion to approve the minutes of the last meeting. Chester seconded the motion. All voted Yea.

Two ladies made a request for water one-half mile on Dry Bread to service 5 families. Randall explained the process for getting money to build lines. They were told of other alternatives that could be done and that as soon as money is available to build the line they would let them know. Jim said he had already looked at Dry Bread and he would take another look.

Chester made a motion to pay all bills. Millow seconded the motion. All voted Yea.

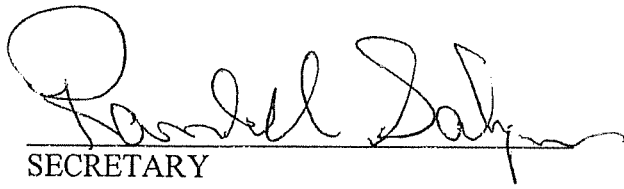
Project money was discussed. Brenda said that the purchase of the billing program equipment and backhoe is O.K. They discussed the possibility of purchasing an office building. Brenda said she would check and see if the money can be used for an office building.

Discussed getting a federal exemption certificate from BP station so we can be exempt from the federal tax on gas. Jim and Millow said they would check on this.

Only one bid was received on backhoe. Bid was from Wilson Equipment. The bid price was \$66,000. Randall Hardin made a motion to accept the bid if everything checked out with BSADD. Chester seconded the motion. All voted Yea. They discussed the warranty.

Amendment to leave policy was discussed. Randall Hardin made motion accept the leave policy with amendment. Randall Salyer second the motion. All voted Yea.

Randall Hardin made a motion to adjourn. Chester seconded the motion. All vote Yea.


SECRETARY

MINUTES

Magoffin County Water Districts regular meeting was October 24, 2006 at 9:00 A.M. at the regular meeting place. All Commissioners were present. Others present were: Brenda Powers, William J. Cantrell and Shirley Borders.

The meeting was called to order by Paul H. Salyer. Joe made a motion to approve the minutes of the last meeting. Mark seconded the motion. All voted Yea.

Bill Cantrell stated that we have real good employees who all willing to work day or night to get the job done. He recommended that all employees get a salary increase of \$100.00 per month and that Debra Borders get a \$0.50 per hour increase beginning November 1, 2006. Jeff made a motion that all regular employees receive a salary increase of \$100 per month and that Debra receive a \$0.50 per hr. increase. Joe seconded the motion. All voted Yea. Bill then recommended that Arvil Howard get an additional increase in salary. He said that the field employees who pass the water classification test have gotten \$600 increases each time they pass a test. Arvil Howard needed one more course to get his high school diploma and he cannot take the test without a high school diploma. Arvil does work that the other men cannot do on motors, control panel work, repair of chlorine boosters, etc. Jeff made a motion to give Arvil a \$600 additional salary increase as recommended. Bill Rowe seconded the motion. All voted Yea. Bill Rowe made a motion that Arvil try to get his GED and that the Water District pay any cost incurred in getting his GED. Mark seconded the motion. All voted Yea.

Bill recommended that everyone have Thursday and Friday off for Thanksgiving and that all employees and Commissioners receive \$25 for a ham or turkey for Thanksgiving. Mark made a motion to approve both days off for Thanksgiving and \$25 for a ham or turkey. Joe seconded the motion. All voted Yea.

Elorie Risner job was discussed. Bill Cantrell said that he does not want to break PSC Regulations and recommended to the Commissioners that PSC regulations be followed. The men said we had laid a 1" service line for her and Bill took the men up there to set her another meter. He checked the line that had been laid to the first meter. When they dug into the line it was a ¾" line there and a meter could not be added to it. It took 600' of 2" pipe to extend the line and set her 2 new meters and reconnect the first meter to the 2" line. Jeff made a motion to do the job for Elorie Risner. Mark seconded the motion. All voted yea.

Bill said he had surveyed Harkin Fork and determined that there was pressure and elevation to serve those 2 families. He has ordered 1,100' of pipe and has been trying to find a contractor to do the job. We will lay the pipe and set the meters.

We have received the \$4,000 tap fee for the North Elementary School and we will make the tie-in next week. The contractor for the school broke the main 6" water line about

8:00 A.M. one morning and we had to repair it. It took Bill and all the men to get the line repaired We billed the contractor for \$746 that it cost to repair the line..

We billed Interstate Gas for \$311.69 for the line that the contractor broke on Howard Branch and all the water they used while boring and they have paid the bill.

Bill said we are selling the Highway Department about 1,000 gallons of water per day while they are repaving U.S. 460 to Johnson County line.

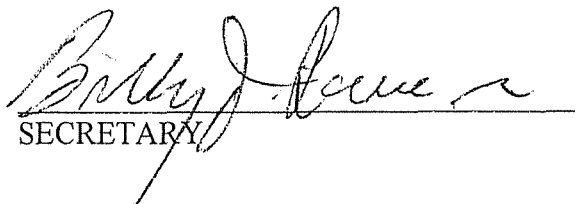
Vernon Brown with Rural Development stopped by last week to see us. He is very much interested in the District getting the 8" line laid to Johnson County. He said that he rated Magoffin County Water District as one of the best in the state. He said for me to call him if he could do anything for the Water District.

Project No. 17 was discussed. Bill gave the Commissioners a list of job for projects #17 and #18. Bill said that these projects needs to be prioritized. Brenda said that Tracy at the ADD office is now working on next years projects.

Bill reported that Robinson said that boring can be done for \$5 ft. plus pipe.

Joe made a motion to pay all bills. Bill Rowe seconded the motion. All voted Yea.

Joe made a motion to adjourn. Jeff seconded the motion. All voted Yea.


SECRETARY

MINUTES

Magoffin County Water District s' monthly meeting was held November 28, 2006 at 9:00 A.M. Commissioners present were: Joe Conley, Paul Salyer, Mark Minix and Jeffery Bailey. Others present were: Brenda Powers, Eddie Brown, William J. Cantrell and Shirley Borders.

The meeting was called to order by Paul Salyer. Mark made a motion to approve the minutes of the last meeting. Joe seconded the motion. All voted Yea.

Project No. 17 was discussed. Eddie went over the maps with the Commissioners. Project #17A is the transmission line to Johnson County. Project 17B is the various water lines -- Bear Branch, Long Branch, Wireman Road, Stone Coal Road, R. C, May Road and Gibson Branch. Eddie thinks we are ahead of schedule on this project. Eddie will send this to the Department of Water for approval. The Fiscal Court has approved the transmission line to Johnson County. There will be one fire hydrant. Gibson Branch will be the alternate line on Project 17B..

Jeff made a motion to approve Exhibit I Two Resolutions of Assignee. Joe seconded the motion. All voted Yea. Mark made a motion to approve the two Project Administrative Service Contract Agreements, US 460 Interconnect and water line extensions 07. Joe seconded the motion. All voted Yea.

The contract with Salyersville Water Works was discussed.

Bill Cantrell recommended that the employees get \$250 Christmas Bonus and the Commissioners receive a \$100 Christmas Bonus. Mark made a motion that the employees get a \$250 after tax bonus and that the Commissioners get a \$100 after tax bonus. Joe seconded the motion. All voted Yea.

Bill discussed water leaks this month. He stated that the water loss is down. Bill reported that the water connection had been made on the North School Project and that Harkin Fork water line has been completed. Bill said that the Fire Departments are not giving us a report on water used by them. Jeff said he would talk to the Fire Department on Middle Fork about giving us a report. All Fire Department need to give us a report each month.

We received a notice from the City that they were increasing our water rates \$.15 per 1,000 gallons. The Water District will pass this increase on to all our customers as soon as we get approval by the Public Service Commission.

Discussed the job on KY-7 near the Floyd County line. Bill sent a letter to the Division of Water stating that we would do this project and supply them with water.

The men can drive the trucks home under Bill Cantrell supervision. The men will work on their way home in the evening and on the way back each morning.

Jeff made a motion to pay all bills. Joe seconded the motion. All voted Yea.

Joe made a motion to adjourn. Jeff seconded the motion. All voted Yea.

Acting Mark W. Minif
SECRETARY

MINUTES

Magoffin County Water District Commissioners met December 26, 2006 at 9:00 A.M. Commissioners present were: Joe K. Conley, Mark Minix and Paul H. Salyer. Billy Rowe and Jeffery Bailey were absent. Others present were: William J. Cantrell and Shirley Borders.

Meeting was called to order by Paul H. Salyer, Chairman. Joe made a motion to approve the minutes of the last meeting. Mark seconded the motion. All voted Yea.

Project No. 17 was discussed. We have everything in to ADD and Brenda said she had everything sent to the state. We still need an easement from the State Highway. Eddie will be here tomorrow to locate the pump station. Johnson County people will be coming up the left side of the road. Eddie will have to make changes to our plans. Money is to be approved on January 16, 2007.

Bill reported on the water line leak to the Litteral Fork pump station that it took 3 days to find and fix, discussed the new water line in Floyd County and repair of water leak west of Salyersville. All also discussed PSC increase of our water rates due to our increase in cost from Salyersville Water Works.

Bill discussed our 2007 Budget that he and Shirley had prepared. He went over the budget in detail. Retirement rates will increase effective July 1. We expect a big increase in health insurance in February. Mark made a motion to approve the budget that had been prepared. Joe seconded the motion. All voted Yea.

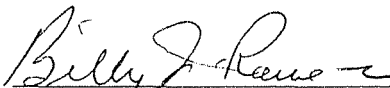
Joe made a motion that Mark be appointed acting secretary in the absence of Bill Rowe so he could sign the budget. Paul seconded the motion. All voted Yea.

Bill discussed the water losses for the year and things that can be done to keep the losses down.

What days to be taken off for holiday, days before and days after, etc. The Commissioners told Manager William Cantrell that he has the power to make that decision.

Mark made a motion to pay all bills. Joe seconded the motion. All voted Yea.

Joe made a motion to adjourn. Mark seconded the motion. All voted Yea.



SECRETARY



ERNIE FLETCHER
GOVERNOR

GOVERNOR'S OFFICE FOR LOCAL DEVELOPMENT
OFFICE OF THE GOVERNOR
1024 CAPITAL CENTER DRIVE, SUITE 340
FRANKFORT, KENTUCKY 40601-8204
PHONE (502) 573-2382 FAX (502) 573-2939
TOLL FREE (800) 346-5606
www.kentucky.gov

STEVE ROBERTSON
COMMISSIONER

March 8, 2006

BILL CANTRELL
749 PARKVIEW DRIVE
SALYERSVILLE, KY 41465

RE: MAGOFFIN WATER/PAINTSVILLE UTILITIES EMERGENCY WATER
CONNECT

SAI# KY20060208-0098

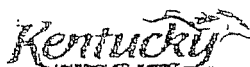
Dear Mr. Cantrell:

The Kentucky State Clearinghouse, which has been officially designated as the Commonwealth's Single Point of Contact (SPOC) pursuant to Presidential Executive Order 12372, has completed its evaluation of your proposal. The clearinghouse review of this proposal indicates there are no identifiable conflicts with any state or local plan, goal, or objective. Therefore, the State Clearinghouse recommends this project be approved for assistance by the cognizant federal agency.

Although the primary function of the State Single Point of Contact is to coordinate the state and local evaluation of your proposal, the Kentucky State Clearinghouse also utilizes this process to apprise the applicant of statutory and regulatory requirements or other types of information which could prove to be useful in the event the project is approved for assistance. Information of this nature, if any, concerning this particular proposal will be attached to this correspondence.

You should now continue with the application process prescribed by the appropriate funding agency. This process may include a detailed review by state agencies that have authority over specific types of projects.

This letter signifies only that the project has been processed through the State Single Point of Contact. It is neither a commitment of funds from this agency or any other state or federal agency.



The Health and Family Services has made the following advisory comment pertaining to State Application Identifier Number KY200602080098
no comments

The Heritage Council has made the following advisory comment pertaining to State Application Identifier Number KY200602080098

The applicant must ensure compliance with the Advisory Council on Historic Preservation's Rules and regulations for the Protection of Historic and Cultural Properties (36CFR, Part 800) pursuant to the National Historic Preservation Act of 1966, the National Environmental Policy Act of 1969, and Executive Order 11593.

The lines within or immediately adjacent to highway right-of-ways do not require an archaeological survey, however, it is recommended for any segments of water line that are going cross county. must be surveyed by a professional archaeologist to determine if sites eligible for listing in the National Register of Historic Places will be affected by the undertaking. Where a given project area or portions thereof have been disturbed by prior construction, the applicant may file documentation of that disturbance with the State Historic Preservation Officer and may request an opinion concerning the need of an archaeological survey. The State Historic Preservation Officer must review and approve the survey report.

The Transportation has made the following advisory comment pertaining to State Application Identifier Number KY200602080098

Madden (D10), Bill: The Transportation Cabinet has a pavement rehab project scheduled to be let this spring and we need a definite timeline on the proposed waterline project. While I was reviewing the application I saw a construction completion date listed for Fall 06. At the time I thought we could at least do the shoulder work but upon further review of the timeline dates it looks like the construction completion date should be Fall 07.

We need to establish the extent to which the waterline project may impact the new pavement. The Cabinet would prefer to not have a new paved road damaged by equipment working on the side of US 460.

Wilson, Jimmy: Division of Planning has no comments.

The Labor Cabinet has made the following advisory comment pertaining to State Application Identifier Number KY200602080098

PW RATES MAY APPLY-CONTACT KY DEPT OF LABOR AT 502-564-3070

The Natural Resources has made the following advisory comment pertaining to State Application Identifier Number KY200602080098

This review was based upon the information that was provided by the applicant through the Clearinghouse for this project. An endorsement of this project does not satisfy, or imply, the acceptance or issuance of any permits, certifications or approvals that may be required from this agency under Kentucky Revised Statutes or Kentucky Administrative Regulations. Such endorsement means this agency has found no major concerns from the review of the proposed project as presented other than those stated as conditions or comments.

The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: water lines and appurtenances. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier (SAI #KY200602080098) when submitting plans and specifications.

This project is consistent with the Magoffin County Water Management Plan. It is approved for water management planning. It is approved for water withdrawal by the Water Quantity Management Section of DOW. From the application data, DOW ascertains that the proposed project is not located in a floodplain area. Therefore, a floodplain construction permit is not required for this project.

The proposed project consists of construction of 8 miles of 8-inch PVC pipe from mountain parkway extension east on U.S. 460 to Paintsville water line. This will be a main source of water for the Magoffin County water district. Completion of this project will provide new water service to 2,000 households and improved water service to 4 commercial entities and 3 miscellaneous entities (schools, churches, etc.). Paintsville has received approval to construct a new water treatment plant with a 4,000,000 gallon per day capacity. This project will be completed in 2007. Paintsville has reached an agreement with MCWD to provide emergency service with the proposed project until the completion of the new Paintsville plant, at which time the proposed project will be utilized to provide service to the MCWD on a regular basis. Upon completion of the new Paintsville Water Plant, there will be adequate capacity to supply the project demand. Until that time, only emergency service shall be provided. Plans and specifications for waterline extensions and upgrades remain subject to review by the Division of Water, based on sanitary features of design. However, final plans and specifications are subject to review by the Division of Water, based on sanitary features of the design.

If the construction area disturbed is equal to or greater than 1 acre, the applicant will need to apply for a Kentucky Pollutant Discharge Elimination System (KPDES) storm water discharge permit.

Utility line projects that cross a stream will require a Section 404 permit from the US Army Corps of Engineers and a 401 Water Quality Certification from DOW.

Big Sandy Regional Water Management Council Meeting
December 14, 2004
11:30 a.m.
Large Meeting Room

Attending:

Larry Herald, Paintsville Utilities
Commission
Rick Meece, Paintsville Utilities
Commission
William Cantrell, Magoffin County
Water District
Paul Salyer, Magoffin County Water
District
Bob Muse, MSE Engineers
Scott Taylor, MSE Engineers
Russell Wallace, Floyd County
Health Department
Bob Meyer, Veolia/Southern Water
Donnie Slone, Veolia/Pikeville Water
Clark Allison, Big Sandy RC&D

Patrick Boyd, Magoffin County
Health Department
Will Brown, Mountain Water District
Kim Hunt, Mountain Water District
Trey Hogge, O'Brien and Gere
Bob Taylor, O'Brien and Gere
Caryn Lee, KRWA
Kevin Howard, Summit Engineering
Jody Hunt, Summit Engineering
Denise Thomas, Big Sandy ADD
Amy Barnes, Big Sandy ADD
Barry Butcher, Big Sandy ADD
Mathew Lemaster, Big Sandy ADD
Neil Parson, Big Sandy ADD
Sandy Runyon, Big Sandy ADD

Welcome and Introductions

Neil Parsons called the meeting to order and thanked everyone for attending. He asked everyone to introduce him or herself.

Minutes

Mr. Parsons informed everyone that a copy of the minutes of the October 19, 2004 Big Sandy Regional Water Management Planning Council were in the packets for review. Mr. Larry Herald made a motion that the minutes be approved as presented. Mr. Bob Meyer seconded the motion. The motion carried.

System Updates

Mr. Parsons asked for everyone to update the Council on what has been happening with each of the systems since the last meeting.

Mr. Bob Meyer with Southern Water and Sewer District reported that the District is working on several major water expansions. The Wayland Sewer Plant Project

is past the midpoint and the plant should be complete by mid March. The District is also working on a small RD project that includes some system improvements. The system is also moving the pump station on Mud Creek. The District is also doing a few minor extensions in the county.

Mr. Larry Herald of the Paintsville Utilities Commission reported that final design on the Paintsville Lake WTP is underway. The Commission is re-bidding the US 23 Water project with Big Sandy Water. The 460 Project is awaiting Highway permits. Punch list items are being wrapped up on the Auxier Sewer Project.

Mr. Bill Cantrell with Magoffin County Water District reported the District has just completed 25 miles of water lines. They are adding pump stations and upgrading pump stations.

Mr. Donnie Slone of the Pikeville Water Department reported that the City is completing a rehab project downtown and doing work along South Mayo Trail.

Ms. Kim Hunt of Mountain Water District reported on the Shelby Valley Project and said that funding has been applied for on the Mossey Bottom transfer. Mr. Will Brown added that RD and KIA must approve the transfer. The Cow Pin project is part of the transfer.

Mr. Bob Taylor reported that Martin County Water District is working on an RD project that includes the replacement of 4 storage tanks and addresses other needs in the system. The City of Inez is working on sewer extensions extending to the Fast Lane on Route 3.

Mr. Bob Muse reported that MSE is working on some projects and funding with Magoffin County.

Mr. Parsons reported that he had several calls regarding a public notice regarding a Betsy Lane Sewer Project. There was a lot of interest, but no one knew anything about the project.

Mr. Meyer reported that Southern Water and Sewer District had applied for funding for the Eastern Project.

KRWA Presentation

Ms. Carryn Lee from the Kentucky Rural Water Association (KRWA) made a presentation about Cost of Service Considerations. She reported that EPA estimates that there is a \$31 billion gap in the needs of utility systems and the funding available. Ms. Lee addressed the lack of federal and state funding and the need for systems to utilize cost based rates. She noted that most people undervalue water. KRWA is available to assist systems with rate studies.

Update - EDA Interconnectivity Study

Mr. Parsons explained that all ADDS in the Fifth Congressional District – 6 ADDS are completing an interconnectivity study related to the districts water systems. Funds were awarded from the Economic Development Administration to complete this project. Summit Engineering was selected to complete the Big Sandy ADD's portion of this study. The purpose of the study is to look at interconnecting the various water systems to allow for the availability of water in an emergency. March 15 is the deadline for Summit to submit the draft of Big Sandy's study. GRW, the firm coordinating the overall study, must submit the complete plan to the EDA by April 15. Mr. Kevin Howard from Summit Engineering reported that he and Summit staff have met with most of the systems. He is having trouble making contact with the smaller systems.

Mr. Meyer expressed a concern over how this study will impact future funding. Mr. Howard explained that the first issue being addressed in the study is if there is enough water being treated.

Ms. Sandy Runyon commented that the focus of systems should still be supplying water to the customers. This study is a planning tool and will be used as such.

Prioritization of water and sewer projects

Mr. Parsons distributed a list of the water and sewer projects for the district. He explained that the projects need to be put into a priority list. Ms. Runyon expressed her appreciation for everyone participating in this process.

Closure

The next meeting of the Big Sandy Regional Water Management Council will be at the offices of Big Sandy ADD and letters indicating the date and time will be mailed out.

The Council asked for the meeting to be adjourned.

Neil Parsons indicated that the meeting was adjourned.

BIG SANDY REGIONAL WATER MANAGEMENT COUNCIL MEETING

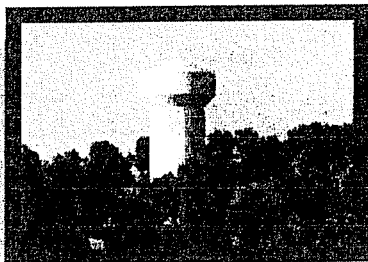
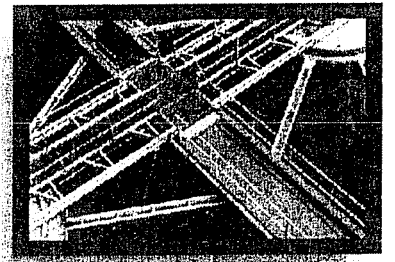
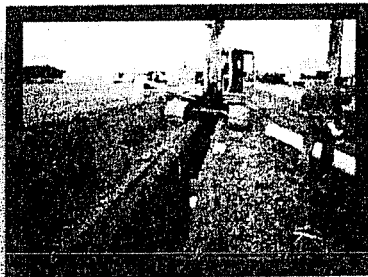
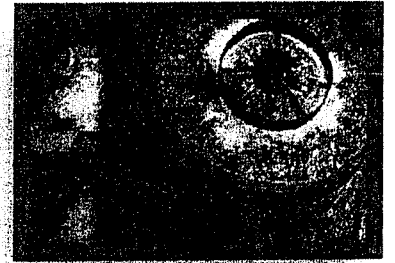
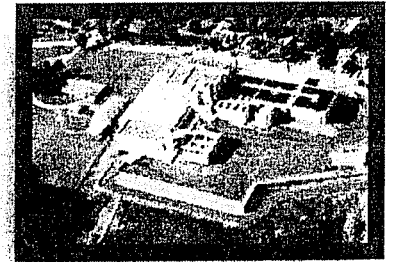
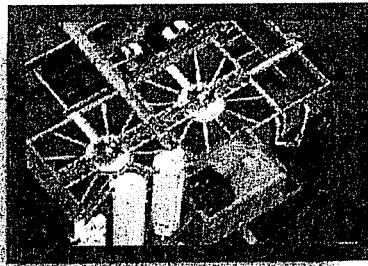
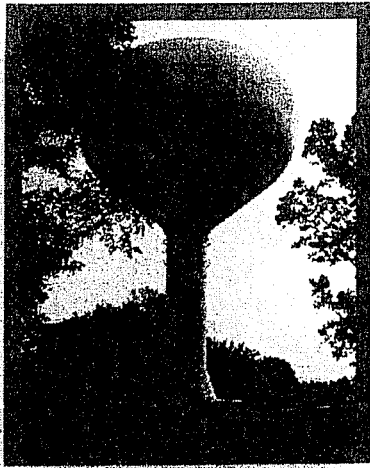
May 05, 2005 12:30 pm
Big Sandy Area Development District
Facilitator: Big Sandy Area Development Staff

Agenda topics

1. Call to Order
2. Introduction and Welcome
3. Approval of the Regional Water Management Council Meeting Minutes
4. System updates
5. Updates EDA Interconnectivity Study
6. ARC Conference Presentation (Salyersville/ Magoffin County Wastewater Treatment Plant)
7. Kentucky Onsite Wastewater Training Center (Anderson Campus-Central Kentucky Technical College)
8. Regional Water Management Plan DOW Approval (5 Year Update to County Water Supply Plans)
9. CEDS Update
10. Legislative Projects
11. System's existing and proposed service updates
12. Community Wastewater Planning
13. Closure

Note: Lunch will be served

Regional Emergency Water Supply Interconnection Plan



May 2005

**Big Sandy
Area Development District**

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1. EXECUTIVE SUMMARY

This study seeks to identify interconnects between utilities that would promote the exchange of treated waters between systems and insure the reliability of the treated water supply system in the five eastern Kentucky counties of Floyd, Johnson, Magoffin, Martin and Pike. The population of the planning area is 160,774 persons. There are fourteen water utilities in the planning area: twelve public and two private. On an average day, the seventy five percent of the population connected to these utilities consumes 17.6 million gallons of water.

Figure 1-1 in Pocket PK-1 illustrates the geographic extent of the fourteen water systems and identifies the interconnects discussed in this study. Figure 1-2 presents the standard legend for all map exhibits in this report. Table 1-1 summarizes the study results. This study identifies a total of twelve interconnects. This study also cross references three interconnects proposed by adjacent Area Development Districts (ADDs): two in the Kentucky River ADD and one in the Gateway ADD. The total cost of the twelve proposed interconnects is \$39.7 million.

The key findings of this study are:

1. Growth of the Big Sandy region for the period 2005 to 2020 is forecast to be flat or slightly negative. Consequently, the region's water supply and interconnect needs can not be financed with growth.
2. Although interconnections to insure the reliability of service to existing customers are essential – it must be remembered that roughly twenty-five percent (25%) of the population of the planning area remains un-served by public water supply systems.
3. The utilities of the region have a combined treatment capacity of 20.0 mgd. We believe the region should have at least 28.9 mgd in capacity. Existing plans for plant expansions and rehabilitations may ultimately increase capacity to 28.0 mgd. However, if the grid does not grow with the treatment capacity, there will still be regions where insufficient reserve supplies are present.
4. Inter utility operation would be expedited if there were fewer utilities. Utilities should be consolidated for economies of scale. The following utilities are prime candidates for consolidation:
 - a. Francis Water (Floyd County) – raw water supply subject to contamination
 - b. Wheelwright (Floyd County) – raw water supply subject to contamination
 - c. Sandy Valley Water District (Floyd County) - deficit of technical, managerial, and financial capacity

FIGURE 1-2
STANDARD LEGEND FOR MAPPING EXHIBITS

<u>FEATURE</u>	<u>EXISTING</u>	<u>PROPOSED</u>
WATER LINES		
2" Water Line		
3" Water Line		
4" Water Line		
6" Water Line		
8" Water Line		
10" Water Line		
12" Water Line		
14" Water Line		
16" Water Line		

STRUCTURES

Water Treatment Plant	
Pump Station	
Water Storage Tank	
Pressure Reducing Station	

**TABLE 1-1
SUMMARY OF INTERCONNECT COSTS
BIG SANDY AREA DEVELOPMENT DISTRICT**

ID	Interconnect Status	Water Conveyance From Utility	Water Conveyance to Utility	Opinion of Probable Project Cost
BS-1	Proposed	Paintsville	Auxier	\$ 180,166
	Proposed	Prestonsburg	Prestonsburg	Note 1
BS-2	Proposed	SWSD	City of Martin	\$ 117,040
BS-3	Proposed	Prestonsburg	SWSD (Allen Route)	\$ 4,852,737
BS-4	Imp. Existing	SWSD	City of Wheelwright	\$ 132,532
BS-5	Proposed	SWSD	Francis	\$ 169,215
BS-6	Proposed	Prestonsburg	Paintsville (Am Std Route)	\$ 2,849,795
BS-7	Proposed	Paintsville	Salyersville (Route 40)	\$ 4,347,531
BS-8	Proposed	PCUC	Magoffin (Route 114)	\$ 6,315,613
BS-9	Proposed	Prestonsburg	Martin County (KY 3 Route)	\$ 4,762,195
BS-10	Proposed	Mountain Water	Pikeville (Indian Hills)	\$ 2,992,274
BS-11	Proposed	Prestonsburg	Pikeville	\$ 12,427,453
BS-12	Imp. Existing	Pikeville (Coeburn Pump)	Mountain Water	\$ 523,624
		New Plant		Note 2
See BS-10	Imp. Existing	Pikeville	Mountain Water	Note 3
	Existing	Mountain Water	Elkhorn (Rt 80)	Note 4
KR - 8 - BS	Proposed	Breathitt	Magoffin Co. Line	Note 5
KR - 17 - BS	Proposed	SWSD	Letcher County Water	Note 6
G - 7 - BS	Imp. Existing	Paintsville	Morgan County	Note 7
				\$ 39,670,175.57

NOTES

- 1 - If PCUC completes construction of the proposed Johns Creek plant, it would be able to provide its own backup.
- 2 - Alternative is new plant and transmission main. New plant and main would be at least \$7,000,000.
- 3 - Improve two-way interconnect BS-10 by upgrading Town Mountain, Island Creek and Chloe Creek pump stations.
- 4 - This Interconnector is presently under construction. The total project cost for this project is expected to be \$571,904.
- 5 - See KRADD Emergency Water Supply Interconnection Plan. KR-8-BS stops at Breathitt / Magoffin County line.
- 6 - See KRADD Emergency Water Supply Interconnection Plan. Interconnect KR-17-BS could only rely on SWSD until March 2008 per agreement between utilities.
- 7 - See Gateway ADD Emergency Water Supply Interconnection Plan. Interconnect G-7-BS is improvement of existing pump and tank on existing 6" interconnect.

- d. Martin County Water District (Martin County) – deficit of technical, managerial, and financial capacity
 - e. Elkhorn City (Pike County) -- deficit of technical, managerial, and financial capacity
5. Politics and local turf battles impede inter utility cooperation. Aide from the Fifth Congressional District to utilities in the form of grants and loans should promote cooperation rather than exacerbate conflicts between utilities.
6. The interconnects and backups discussed herein are prioritized in the following order:
 - a. Magoffin County has the greatest water supply need. Salyersville’s plant (the only plant presently serving Magoffin County) is of inadequate capacity for future needs. The raw water source for the existing plant is drought susceptible. The plant’s backup wells are only adequate to provide 50% of existing demand. A major transmission line from Paintsville Utilities (BS – 7) is recommended IF Paintsville is successful in constructing a new 6.0 mgd plant. A major transmission line from Prestonsburg Utilities (BS – 8) is recommended IF Paintsville fails and Prestonsburg is successful in constructing a new 5.0 mgd plant.
 - b. The second priority for the planning area should be Prestonsburg City Utilities construction of the Johns Creek treatment plant with subsequent backup of the Martin County Water District by Prestonsburg City Utilities (BS – 9). Prestonsburg is the most centrally located of the utilities and is best geographically situated to be a regional hub for emergency water supply. With adequate capacity Prestonsburg could readily route major supplies to Paintsville, Southern Water & Sewer District, and Martin County Water District.
 - c. SWSD has little reserve capacity in its Allen treatment works. The interconnect (BS-3) presented herein would provide for either a 2.0 mgd primary backup to SWSD (in the event of a plant failure) or a 1.0 mgd supplement to preclude a plant expansion. If the purpose of the project were more to “supplement” rather than “backup” SWSD, the proposed alternate would have to be revised to include a complete paralleling of the existing 12” main from Allen to Martin.
 - d. Pike County, the largest county of the planning area, is the most difficult to address. There are two competing means for providing redundancy of supply and promoting reliability of service. These are best described as the Prestonsburg to Pikeville supply main (BS – 11) and the expansion of Mountain Water District treatment. Both endeavors are highly expensive. The Prestonsburg to Pikeville supply line has the positive side benefit of reinforcing the distribution grid along the highly commercial US 23 corridor. The expansion of Mountain Water District treatment brings treatment capacity in the County to its “desired” level and improves the ability of the major Pike County utilities to reinforce each other. However, it also has the negative side effect of

cutting wholesale purchases which both Pikeville and Williamson, West Virginia need to retire system debt.

2. PURPOSE OF STUDY

2.1 Objectives

This report on public water supply interconnectivity in the five county region of the Big Sandy Area Development District is a component of a larger EDA Interconnectivity Study for the Fifth Congressional District of Kentucky. The study effort is undertaken to determine improvements that are needed to insure adequate delivery of water service to the citizens of the Fifth District during emergency conditions of drought, contamination, and breakdown. The study seeks to identify interconnects between utilities that would promote the exchange of waters between systems and insure the reliability of the treated water supply system. The study also seeks to document obstacles to interconnects such as effective agency cooperation, terrain, compatibility of treatment methodologies, and capacity of treatment plants.

2.2 Study Area

The Big Sandy Area Development District (BSADD) is the easternmost development district in Kentucky. It is comprised of the five counties of Floyd, Johnson, Magoffin, Martin, and Pike (See Map 1-1 in Pocket PK-1). These five counties are located in the Kanawha section of the Appalachian Plateau Physiographic province. The Kanawha section of the province is a highly dissected plateau characterized by narrow, crooked valleys and narrow, irregular steep-sided ridges. Although major streams have floodplains of moderate width, most streams are confined to a very narrow valley floor. Topographic relief in the study area is about 2040 feet, ranging from elevation 560 Ft MSL on the Tug Fork in Martin County to elevation 2600 Ft MSL on the Pine Mountain drainage divide in Pike County. A relief of 2040 feet represents five pressure zones at 200 psi per pressure zone.

An understanding of the drainages of the BSADD is important to grasping obstacles to development of water supplies in the region. Magoffin County is the head of the Licking River drainage basin. The Levisa Fork drains most of Pike, and all of Floyd and Johnson Counties. The watershed of the Tug Fork of the Big Sandy River drains the northeastern portion of Pike County and most of Martin County. The drainage divides between these river systems present major impediments to the interconnection of local water systems.

2.3 Water Utilities

There are fourteen utilities in the planning area that provide a potable water supply to the public. Table 2-1 provides basic information on each of these utilities. Map 1-1 in Pocket PK-1 illustrates the geographic extent of the fourteen water systems and identifies the interconnects discussed in this study. The operational basics of the utilities as they pertain to interconnects are more fully described in Section 4.3 of this study.

The three largest utilities in the planning area (from the standpoint of customers served) are

Mountain Water District (13,800), Paintsville (6,962) and Prestonsburg (6,271). The smallest utilities are Francis Water Company (310), Wheelwright (370), and City of Martin (374). Average residential bills for water service vary from the lows of Paintsville (\$9.17) and Prestonsburg (\$10.98) to the highs of Auxier Water Company (\$32.11) and Mountain Water (\$31.02).

TABLE 2-1
 WATER UTILITIES
 BIG SANDY AREA DEVELOPMENT DISTRICT

(1) Utility	(2) Supplier - S Distributor - D	(3) Residential & Commercial Customers	(4) Daily Production (or Consumption) (MGD)	(5) Cost for 4,000 Gals	(6) Wholesale Rate per 1000 Gal	(7) Comments/Qualifiers
Floyd						
Auxier Water Company	D	924	0.20	\$ 32.11	---	
Prestonsburg City Utilities	S	6271	2.68	\$ 10.98	\$ 2.26	To Auxier
Sandy Valley Water District	D	2362	0.64	\$ 20.20	\$ 2.45	To Mountain Water
City of Martin Water Works	D	374	0.09	\$ 20.95	---	
Southern Water & Sewer District	S	5665	1.66	\$ 23.40	\$ 2.00	To Hindman & Wheelwright
Wheelwright Utility Commission	S	370	0.15	\$ 22.00	---	
Francis Water Company	S	310	0.03	\$ 14.00	---	
Johnson						
Paintsville Utility Commission	S	6962	2.32	\$ 9.17	---	
Magoffin						
City of Salyersville	S	956	0.69	\$ 14.20	\$ 1.60	To Magoffin Water District
Magoffin County Water District	D	3100	0.48	\$ 26.12	---	
Martin County						
Martin County Water District	S	3800	1.83	\$ 19.10	---	
Pike						
City of Pikeville	S	3222	3.30	\$ 14.00	\$ 1.90	To SWSD
Mountain Water District	S	13801	3.53	\$ 31.02	\$ 1.79	To Martin County
City of Elkhorn City	S	511	0.19	\$ 16.70	---	

Notes

1. Wholesale rate is rate to other utilities!

3. CURRENT AND FUTURE WATER DEMAND REQUIREMENTS

This section of the report will develop the estimates of the volumes of water needed for emergency supplies within the five county planning area. The methodology will be heavily weighted on a population basis as this is one of the few metrics available to the planner.

3.1 Typical Customer Demand

Table 3-1 derives the 'typical' customer demand for the planning area. The average demand per customer on the basis of water produced is 301 gallons per customer per day. The average demand per customer on the basis of actual water sales is 193 gallons per customer per day. If utilities could eliminate water losses, the water demands of the region could be reduced by thirty six percent.

The Kentucky State Data center indicates that the average household for the Big Sandy planning area is 2.46 persons. Consequently, average daily water production per person may be derived as:

$$\text{Production per Person} = 301 \text{ gal per customer} / 2.46 \text{ p per household} = 122 \text{ g per person}$$

And average daily water sales per person may be derived as:

$$\text{Sales per Person} = 193 \text{ gal per customer} / 2.46 \text{ gal per household} = 78 \text{ g per person}$$

3.2 Demand Forecast for Planning Area

Table 3-2 provides population projections for 2005 and 2020 courtesy of the Kentucky State Data Center. It is of interest to note that growth of the region is forecast to be flat, or slightly negative, for the fifteen year planning period.

Table 3-3 presents an estimate of the water treatment / supply needs of the planning area for 2005 and 2020. Basic water needs are derived from the production per person factor developed in 3.1 above and from the population projections of Table 3-2. Treatment capacity is 1.5 times need. This is a simple approach. It basically allows for production of an area's needed water supply in two eight-hour shifts of plant operation. The third shift is reserved for emergencies and unanticipated growth.

3.3 Current Water Production

Table 3-4 summarizes current water production and use in the planning area by utility. Approximately 14.4 million gallons of treated water is consumed (or lost) in the planning area daily. Treatment capacity is 20.78 million gallons -- which exceeds use. However, this can be deceiving. The grid does not support moving surplus water from counties with excess capacity

to counties with a capacity deficit. Further, the 20.78 million gallons is far below the 28.6 million gallon capacity necessary to meet the 2020 needs of the planning area as predicted in Table 3-3 .

Very little water presently crosses the planning area boundaries. Mountain Water does import a significant quantity of water from Williamson, West Virginia (about 0.84 mgd). Martin County imports a highly variable quantity from Kermit, West Virginia (as high as 0.07 mgd, averages 0.03 mgd). SWSD exports water to the City of Hindman (0.04 mgd). Paintsville serves a few customers in Lawrence County and exports a very small quantity of water to Morgan County (0.006 mgd).

3.4 Analysis / Need

Table 3-5 synthesizes Tables 3-3 and 3-4. Column 4 of Table 3-5 lists existing treatment capacity in each county (inadequate plants are not counted). Column 5 of Table 3-5 presents county plans to expand their treatment capacity and Column 6 presents the “future” needs projected in Table 3-3. As is evident in Column 7 some counties have over-planned and some counties have under-planned treatment capacity expansions. It should be noted that treatment capacity must be over-planned if redundant / back-up supplies are to be present when needed.

This study proposes to identify utility interconnects that will allow one water company to supplement or ‘back up’ another in the event of an emergency. Table 3-6 presents the proposed ‘back up’ supplies for the fourteen utilities in the planning area.

TABLE 3-1
WATER PRODUCTION AND SALES PER CUSTOMER
BIG SANDY AREA DEVELOPMENT DISTRICT

(1) Utility	(2) Water Loss (Percent)	(3) Residential & Commercial Customers	(4) Production per Customer (Gals/Cust)	(5) Col 3 x Col 4	(6) Sales per Customer (Gals/Cust)	(7) Col 3 x Col 6	(8) Comments/Qualifiers
Floyd							
Auxier	2%	924	222	205128	214	197736	
Prestonsburg	37%	6271	333	2088243	225	1410975	Loss includes used
Sandy Valley	19%	2362	230	543260	178	420436	Relatively large commercial component
City of Martin	unk	374	227	84898	227	84898	
SWSD	35%	5665	285	1614525	154	872410	Loss does not include used
Wheelwright	26%	370	405	149850	297	109890	Skewed by large customer
Francis	6%	310	101	31310	92	28520	Info from PSC annual report. Customer use low!
Johnson	14%	6962	333	2318346	211	1468982	Loss does not include used
Magoffin							
Salyersville	6%	956	226	216056	186	177816	
Magoffin	13%	3100	154	477400	133	412300	
Martin County	27 to 50%	3800	483	1835400	350	1330000	Limited data provided by utility. Data is suspect!
Pike							
Pikeville	14%	3222	382	1230804	244	786168	
Mountain Water	35%	13801	263	3629663	145	2001145	
Elkhorn	57%	511	379	193669	162	82782	
TOTAL ADD		48628		14618552		9384058	
WEIGHTED AVG (TOTAL COL 5 / TOTAL COL 3)			301				
WEIGHTED AVG (TOTAL COL 7 / TOTAL COL 3)					193		

**TABLE 3-2
PROJECTED POPULATION
BIG SANDY AREA DEVELOPMENT DISTRICT**

County	Census 1,990	Estimate 1,995	Census 2,000	Projection					
				2005	2010	2015	2020	2025	2030
Floyd	43,586	43,558	42,441	42,455	42,198	41,977	41,570	41,002	40,257
Johnson	23,248	23,881	23,445	23,863	24,232	24,623	24,940	25,183	25,310
Magoffin	13,077	13,314	13,332	13,409	13,472	13,542	13,600	13,660	13,700
Martin	12,526	13,131	12,578	13,641	13,716	13,884	14,108	14,325	14,579
Pike	72,583	72,346	68,736	67,406	65,532	63,777	61,952	60,082	58,001
TOTAL Big Sandy	165,020	166,230	160,532	160,774	159,150	157,803	156,170	154,252	151,847

Source: Kentucky State Data Center

**TABLE 3-3
PROJECTED WATER NEEDS
BIG SANDY AREA DEVELOPMENT DISTRICT**

(Col 1)	(Col 2)	(Col 3)	(Col 4)	(Col 5)	(Col 6)	(Col 7)
County	Projected Population	Estimated Water Demand	Projected Treatment Capacity	Projected Population	Estimated Water Demand	Projected Treatment Capacity
	(Persons) 2,005	(Gallons) 2,005	(MGD) 2,005	(Persons) 2,020	(Gallons) 2,020	(MGD) 2,020
Floyd	42,455	5,179,510	7.8	41,570	5,071,540	7.6
Johnson	23,863	2,911,286	4.4	24,940	3,042,680	4.6
Magoffin	13,409	1,635,898	2.5	13,600	1,659,200	2.5
Martin	13,641	1,664,202	2.5	14,108	1,721,176	2.6
Pike	67,406	8,223,532	12.3	61,952	7,558,144	11.3
TOTAL Big Sandy	160,774	19,614,428	29.4	156,170	19,052,740	28.6

Per Capita Production Factor 122

Notes

- 1. Col 3 = Col 2 x Per Capita Production Factor
- 2. Col 4 = Col 3 / 1,000,000 x 1.5
- 3. Col 6 = Col 5 x Per Capita Production Factor
- 4. Col 7 = Col 5 / 1,000,000 x 1.5

**TABLE 3-4
CURRENT WATER USE BY UTILITY
BIG SANDY AREA DEVELOPMENT DISTRICT**

(Col 1) Utility	(Col 2)	(Col 3)	(Col 4)	(Col 5)	(Col 6)	(Col 7)	(Col 8)	(Col 9)
	Current Water Use in MGD						Ex. Treatment Capacity	Comment
Residential	Commercial	Used	Lost	Wholesale	Total			
Floyd								
Auxier	0.18	0.02	0.00	0.00	0.00	0.20	0.00	Supply comes solely from PCUC
Prestonsburg	0.97	0.44	0.30	0.32	0.49	2.52	4.00	Supplies Aux, Sandy V, C Martin, Martin C
Sandy Valley	0.42	0.00	0.00	0.12	0.10	0.64	0.00	Passes thru Pikeville to Mountain
City of Martin	0.085	0.00	0.00	0.00	0.00	0.085	0.00	Supply comes solely from PCUC
SWSD	0.78	0.10	0.16	0.58	0.044	1.66	2.00	Wholesales to Hindman
Wheelwright	0.11	0.00	0.00	0.04	0.00	0.15	0.35	
Francis	0.026	0.003	0.00	0.002	0.00	0.031	0.080	
Johnson	1.08	0.39	0.52	0.33	0.006	2.32	3.00	
Magoffin								
Salyersville	0.10	0.07	0.00	0.04	0.48	0.69	1.00	Supplies all of Magoffin C needs
Magoffin	0.40	0.02	0.002	0.06	0.00	0.48	0.00	
Martin County	1.33	0.00	0.000	0.50	0.00	1.83	2.00	Martin Co. obtains some water from Kermit.
								Martin does not acknowlege supply from PCUC
Pike								
Pikeville	0.77	0.00	0.00	0.46	2.07	3.30	6.00	Supplies SWSD, Sandy V, Mountain Water
Mountain Water	1.75	0.53	0.00	1.24	0.01	3.53	2.00	Minor supply to Martin Co.
								Mountain obtains supply from Williamson WW
Elkhorn	0.08	0.00	0.00	0.11	0.00	0.19	0.35	
TOTAL Big Sandy	8.08	1.58	0.99	3.81	3.21	17.63	20.78	
TOTAL Used (Col 2 + Col 3 + Col 4 + Col 5)				14.46				

**TABLE 3-5
TREATMENT CAPACITY NEEDS
BIG SANDY AREA DEVELOPMENT DISTRICT**

(Col 1)	(Col 2)	(Col 3)	(Col 4)	(Col 5)	(Col 6)	(Col 7)	(Col 8)
Utility	S - Supply D - Dist	Treatment Capacity in MGD					Comments
		Existing Plants	Existing by County	Planned by County	Need by County	+ Surplus - Deficit	
Floyd			6.0	11.0	7.6	3.4	Prestonsburg plans a new 5.0 mgd plant along Route 3 north of town. Prestonsburg has begun procurement for design team. Project funds are not in place for construction.
Auxier	D	0.0					
Prestonsburg	S	4.0		(5.0)			
Sandy Valley	D	0.0					
City of Martin	D	0.0					
SWSD	S	2.0					
Wheelwright	S	0.4					
Francis	S	0.1					
Johnson	S		3.0	6.0	4.6	1.4	Paintsville plans a new plant to replace the existing plant. Design is underway. Construction funds are not in place.
				See Note 4.			
Magoffin			1.0	1.0	2.5	-1.5	Salyersville has not planned an expansion. Salyersville supply source is severely drought limited.
Salyersville	S	1.0					
Magoffin	D	0.0					
Martin County	S		2.0	3.0	2.6	0.4	Martin Co. has planned an expansion project for years. Portions of the construction funds have been secured.
Pike			8.0	9.0	11.3	-2.3	Mountain Water just placed a new 2.0 mgd plant in service. This plant could be expanded to 3.0 mgd. This expansion is not presently planned!
Pikeville	S	6.0	See Note 5				
Mountain Water	S	2.0		(1.0)			
Elkhorn	S	0.4					
TOTAL Big Sandy		0.00	20.00	30.00	28.60	1.40	

NOTES

1. Col 4 - capacity of very small plants in poor condition not included in County totals!
2. Col 5 - Items in parenthesis do not appear in column total. See comments in Col 8 for information on planned facilities.
3. Col 6 - Need as derived in Table 3-3.
4. Paintsville plans to construct a 4 MGD plant which would be readily expandable to 6 MGD upon addition of equipment.
5. Pikeville must add a high service pump to deliver the 6.0 mgd capacity. Operator questions ability of grid to distribute 6.0 mgd!

TABLE 3-6
 PROPOSED BACK UP SUPPLY REQUIREMENTS
 BIG SANDY AREA DEVELOPMENT DISTRICT

(Col 1)	(Col 2)	(Col 3)	(Col 4)	(Col 5)
ID	Utility	S - Supply D - Dist	Desired	Comments
Floyd County				
BS-1	Auxier along Rt 321 to American Standard	D	0.20	Auxier really needs no backup. Over 11 significant points of connection with PCUC. If desire another source - grid with Paintsville along American Standard.
	Prestonsburg	S	2.00	If PCUC secures a second plant, it has itself backed up. PCUC is envisioned as the hub of a backup system. It should at least receive the amount it backs up in return. Paintsville would be the biggest.
	Sandy Valley	D	0.65	Sandy Valley is fed from both Pikeville and PCUC. A redundant backup is readily achievable although the feed from PCUC may leave the tanks on the Pikeville end empty..
BS-2	City of Martin	D	0.10	City of Martin currently purchases 100% of its water from PCUC. The City used to purchase from SWSD. Restoration of the old connection readily backs up the City.
BS-3	SWSD thru Allen	S	2.00	SWSD needs two backups. It needs to back up the plant at Allen via PCUC.
	SWSD thru Harold		0.35	SWSD needs two backups. The Mud Creek watershed is isolated from the rest of the grid. Sandy Valley used to supply Mud Creek at Harold. This old connection is easily restored as a backup.
BS-4	Wheelwright	S	0.35	Wheelwright already has a backup connection to SWSD. A booster pump is needed to supply the upper end of the system when the backup is activated.
BS-5	Francis	S	0.20	Francis is easily connected to SWSD for a backup.
Johnson County				
BS-6	Johnson	S	2.00	A backup of 0.85 mgd is achieved by paralleling Auxiers system with a transmission only line connecting existing 10" lines on either end. A 2.0 mgd backup is desirable but requires much more extensive construction.

**TABLE 3-6
PROPOSED BACK UP SUPPLY REQUIREMENTS
BIG SANDY AREA DEVELOPMENT DISTRICT**

(Col 1)	(Col 2)	(Col 3)	(Col 4)	(Col 5)
ID	Utility	S - Supply D - Dist	Desired	Comments
Magoffin County				
BS-7	Salyersville along Route 40	S	1.00	This is an existing connection. If it were restored there would be little capacity as the feed from Paintsville is only a 4". Achieving the 'desirable' backup would require extensive line construction and would not be viable without the proposed new Paintsville Lake treatment plant.
BS-8	Magoffin along Rt 114	D	1.00	A connection with Prestonsburg on Route 114 could produce 300,000 a day. Some line would require upgrade. As for Salyersville, the 'desirable' backup could only be achieved through extensive construction. This alignment would only make sense if Paintsville did not construct its new plant.
Martin County				
BS-9	Martin County via Route 3	S	2.00	The existing 12" interconnect with PCUC is the best back up. Yield of the connection must be evaluated.
Pike County				
BS-10	Mountain Water	S	1.00	Two interconnect for Pikeville and Mountain Water
BS-11	Pikeville	S	1.25	Pikeville is a major wholesaler. A relatively small supply of about 1.25 would supply Pikeville's needs but would leave nothing for the wholesale customers.
BS-12	Mountain Water at Coeburn Mtn	S	0.60	Mountain Water feeds the Belfry area thru Williamson. The Coeburn Mountain pump station can move Pikeville water to Belfry. However, presently this causes pressure problems. The pump station must be relocated.
	Elkhorn	S	0.35	An interconnect with Mountain Water is under construction. This interconnect is capable of backing up the Elkhorn system completely
TOTAL Big Sandy			15.05	

4. UTILITY INTERCONNECTS

4.1 Reasons to Interconnect

There are three major categories of emergencies which may disrupt a utility's production of potable water. These are:

Drought	Loss of source water
Contamination	Accidental or intentional Within source water or within distribution itself
Breakdown	Physical failure of mechanical components Loss of power Physical destruction of facilities (accidental, deliberate, or natural disaster)

The emergencies which generate the need for interconnections create different demands for the grid. A drought will tend to be region wide. All systems deriving water from surface streams will be impacted. Those on the largest streams and/or near Corps regulated impoundments may be the least impacted. A catastrophic drought could render back up plans useless when source water supplies are lost to all but a few water producers.

Contamination of source water is location dependent. Users upstream of the point of contamination may remain in service. Contamination within a distribution system itself is probably the most severe problem for a utility. The area of concern must be isolated and the contaminant purged from the system. This isolation of the contamination may then 'cut off' the balance of the system customers from the potable supply sources.

Breakdown may be the easiest of the emergencies. Loss of service will generally be limited to a single utility. Interconnects to remedy this problem are relatively straight forward.

4.2 Obstacles to Interconnects

The obstacles to interconnections addressed herein include the engineering limitations of topography, infrastructure capacity, infrastructure age, and infrastructure reliability. There are other obstacles to interconnections which are beyond the scope of this study. These include:

- a. Inter Utility Cooperation. There must be a desire on the part of the utility managers to cooperate with other utilities. In a region with declining population and limited prospects for economic growth, public utilities become significant sources of employment. Interconnects that preclude expansion of one system in favor of another transfer "job creating power" to another utility.

TABLE 4-1
WATER SYSTEM INTERCONNECTS
BIG SANDY AREA DEVELOPMENT DISTRICT

ID	Interconnect Status	Water Conveyance From Utility	Water Conveyance to Utility	Capacity of Interconnect	Opinion of Probable Project Cost	New Customers Served
BS-1	Proposed	Paintsville	Auxier	0.20	\$ 180,166	0
	Proposed	Prestonsburg	Prestonsburg	---	Note 1	----
BS-2	Proposed	SWSD	City of Martin	0.11	\$ 117,040	0
BS-3	Proposed	Prestonsburg	SWSD (Allen Route)	2.00	\$ 4,852,737	0
BS-4	Imp. Existing	SWSD	City of Wheelwright	0.29	\$ 132,532	0
BS-5	Proposed	SWSD	Francis	0.22	\$ 169,215	0
BS-6	Proposed	Prestonsburg	Paintsville (Am Std Route)	2.30	\$ 2,849,795	
BS-7	Proposed	Paintsville	Salyersville (Route 40)	1.00	\$ 4,347,531	0
BS-8	Proposed	PCUC	Magoffin (Route 114)	1	\$ 6,315,613	0
BS-9	Proposed	Prestonsburg	Martin County (KY 3 Route)	2.00	\$ 4,762,195	
BS-10	Proposed	Mountain Water	Pikeville (Indian Hills)	1	\$ 2,992,274	
BS-11	Proposed	Prestonsburg	Pikeville	2	\$ 12,427,453	0
BS-12	Imp. Existing	Pikeville (Coeburn Pump)	Mountain Water	0.68	\$ 523,624	0
		New Plant		----	Note 2	----
	Imp. Existing	Pikeville	Mountain Water	----	Note 3	----
	Existing	Mountain Water	Elkhorn (Rt 80)	----	Note 4	40
KR - 8 - BS	Proposed	Breathitt	Magoffin Co. Line		Note 5	
KR - 17 - BS	Proposed	SWSD	Letcher County Water		Note 6	
G - 7 - BS	Imp. Existing	Paintsville	Morgan County		Note 7	

NOTES

- 1 - If PCUC completes construction of the proposed Johns Creek plant, it would be able to provide its own backup.
- 2 - Alternative is new plant and transmission main. New plant and main would be at least \$7,000,000.
- 3 - Improve two-way interconnect BS-10 by upgrading Town Mountain, Island Creek and Chloe Creek pump stations.
- 4 - This Interconnector is presently under construction. The total project cost for this project is expected to be \$571,904.
- 5 - See KRADD Emergency Water Supply Interconnection Plan. KR-8-BS stops at Breathitt / Magoffin County line.
- 6 - See KRADD Emergency Water Supply Interconnection Plan. Interconnect KR-17-BS could only rely on SWSD until March 2008 per agreement between utilities.
- 7 - See Gateway ADD Emergency Water Supply Interconnection Plan. Interconnect G-7-BS is improvement of existing pump and tank on existing 6" interconnect.

- b. Utility Rate Structures. Utility rate structures are highly variable. A utility operating at 'break even' can not afford to purchase an emergency supply that costs \$0.50 to \$1.00 per thousand more than the cost of its production. It is easier to simply have the customers do without.
- c. Equitability. Is it fair for customers of well run utilities to subsidize the capital costs necessary to maintain reserve capacities for poorly operated utilities?
- d. Use It or Lose It. Unused mechanical components must be maintained and exercised or they will fail when called upon in an emergency. Pumps and motors get bearing set. Moisture invades electrical components. Valves stick in position (open or closed).
- e. Quality. Utilities must maintain chlorine residual in the distribution grid. Large diameter transmission mains that are under utilized are a substantial cost to a utility as flushing and post chlorination programs must be initiated to maintain chlorine residuals.

4.3 Interconnect Plan

4.3.1 Approach. Table 4-1 summarizes the proposed interconnects for the fourteen utilities of the study area. Figure 4-1 (in Pocket 2 at the back of this report) presents the proposed interconnect plan in a graphical schematic. The interconnects are discussed by utility in the following sections. It is difficult to organize this discussion as many of the "interconnects" are capable of reverse flow. To avoid confusion, the discussion for each utility is focused on 'how the utility obtains a back-up supply' and not on 'how the utility provides a back-up supply to others.' Cross references are then made to identify the location of related information. This approach trims redundant restatements of information.

4.3.2 Auxier Water Company. The Auxier Water Company is a private, for profit water Company. The Auxier Water Company is a water 'distributor'. Presently, the Auxier system obtains 100% of its treated water needs from Prestonsburg City Utilities (PCUC). It has eleven (11) major connections to the City of Prestonsburg. The Auxier water system has a few "loops". An interruption at a metered sale point does not necessarily cut off the supply to all of the Auxier system. However, the Auxier system has no water storage tanks. The Auxier system floats on the "Hospital" tank in the PCUC system. If PCUC loses the "Hospital" tank, or the main line to the Big Sandy Regional Jail, Auxier is left completely without water.

A backup connection to Paintsville City Utilities (PU) would be of value to the Auxier system. In fact, according to Mr. Phil Ward (owner/operator of Auxier utilities) pipe was once in the ground for this connection. Political considerations prevented an inter-utility

agreement and the pipe was ultimately removed from the ground. If this old connection were re-established, the Auxier system could float on the “American Standard” tank of the PU system. Since the “American Standard” tank is substantially lower than the “Hospital” tank, a few customers at higher elevations might lose service were it necessary for Auxier to operate on this emergency connection. The Paintsville to Auxier interconnect (BS-1) is illustrated on Map 4-1. A fact sheet describing the hydraulic limitations of interconnect BS-1 is provided as Figure 4-12.

It should be noted that the route for the ‘PU to Auxier’ interconnect BS-1 is essentially the same as the route for the ‘PU to PCUC’ interconnect BS-6. If the plan for the BS-6 interconnect were implemented, the need for interconnect BS-1 discussed in this section would be largely eliminated.

4.3.3 Prestonsburg City Utilities (PCUC). PCUC is one of the larger utilities in the Planning Area. PCUC presently provides the complete needs of the Auxier Water Company and the City of Martin. PCUC also provides a significant quantity of wholesale water to the Sandy Valley Water District and the Martin County Water District. The Southern Water & Sewer District has expressed an interest in water from PCUC.

Currently, PCUC has a 5 mgd treatment plant on the banks of the Levisa Fork. Reportedly this plant can only produce 4 mgd because a significant portion of the raw water flow must be returned to the Levisa Fork to maintain a grit removal process. PCUC is planning a second treatment plant. The new plant would be constructed on Johns Creek downstream of Dewey Dam. This proposed project would make PCUC the utility with the largest treatment capacity in the planning area. It would also make PCUC one of the most reliable providers of potable water as the two plants would employ different watersheds for their supply sources. By operating two plants, PCUC would have the unique capability of being able to provide a back-up supply to itself. For example, were there a major chemical spill in the Levisa Fork, the old plant could be shut down and water from the new plant on Johns Creek could be routed to the customers served by the new plant. As will become evident in the following paragraphs – the new plant at PCUC will make it the “hub” of backup supplies for the planning area.

There are only two utilities that have plants with sufficient capacity to be considered as possible emergency back up water supply systems for Prestonsburg. These are the City of Pikeville and Paintsville City Utilities (PU). Pikeville has a 6.0 mgd plant. PU is planning to construct a new 6.0 mgd treatment plant and abandon its existing 3.0 mgd plant. Since Paintsville is much closer to Prestonsburg than Pikeville, the emergency back-up to be evaluated for PCUC will be a PCUC / PU connection (Interconnect BS-6). This analysis will be discussed in 4.3.9 herein.

PCUC may be the best source of emergency water for Pikeville. A backup supply from PCUC to Pikeville via the Sandy Valley Water District (Interconnect BS-11) is discussed in 4.3.13. PCUC could easily furnish a back up supply to Southern Water (SWSD) at Allen, Kentucky (Interconnect BS-3). This interconnect will be discussed in

MAIL



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ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION OF WATER

14 REILLY ROAD

FRANKFORT, KENTUCKY 40601-1190

www.kentucky.gov

February 23, 2005

Ms. Sandy Runyon, Executive Director
Big Sandy Area Development District
100 Resource Drive
Prestonsburg, KY 41653

Dear Ms. Runyon:

The Division of Water has reviewed the Big Sandy Area Development District (BSADD) Water Management Plan (WMP) submitted by your office. The plans are approved and will be placed in digital format on the World Wide Web network of Kentucky Infrastructure Authority (KIA), as the five (5) year update to your Approved County Water Supply Plans. The plans will be located at <http://wris.ky.gov/wma/>.

We appreciate the dedicated and professional effort that you and your staff gave to the development of this plan. Our staff looks forward to continuing a cooperative effort with you and with KIA to provide the best possible resource for long-range water supply planning in your area.

For the next few months we will be working to identify beneficial improvements to the technical integrity of certain plan components related to water supply availability and adequacy assessments, and future demand forecasting. We anticipate that you will also have recommendations for improving the plans and the planning process that we will be very interested in hearing. However we do understand that you are currently working with a deadline to complete the wastewater chapters of the Area Water Management Plan. With that in mind when it becomes convenient for you we hope to meet periodically and draw upon your experience to help us identify specific changes that you believe might further improve the utility of the planning document.

If you have any questions regarding this correspondence or if we can be of any further assistance, please do not hesitate to call us.

Sincerely,

Margaret Shanks, Manager
Watershed Management Branch
Division of Water

MS/jah

C: file

Neil Parsons, BSADD
Kent Anness, KIA



REGIONAL WATER MANAGEMENT COUNCIL IMPORTANT LINKS

Big Sandy Area Development District -	http://www.bigsandy.org
KIA Website -	http://wris.ky.gov/kia/
WRIS Website -	http://wris.ky.gov/wris/
Project Profile Site -	http://wris.ky.gov/ppform/
WMP Site -	http://wris.ky.gov/wma/
KYGEONET -	http://kygeonet.ky.gov/
Nonspatial Water Database	http://wrisims2.ky.gov/watsys/
Nonspatial Wastewater Database	http://wrisims2.ky.gov/wwsys/