

Rubin & Hays

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CHARLES S. MUSSON
W. RANDALL JONES
CHRISTIAN L. JUCKETT

February 22, 2012

RECEIVED

FEB 24 2012

PUBLIC SERVICE
COMMISSION

Mr. Jeff Derouen
Executive Director
Kentucky Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Re: Bracken County Water District - Case No. 2011-00519

Dear Mr. Derouen:

Enclosed please find the original and ten copies of the Bracken County Water District's Response to the Commission Staff's First Request for Information relating to the above case.

Thank you for your consideration.

Sincerely,

Rubin & Hays

By



W. Randall Jones

WRJ:jl
Enclosures

cc: Ms. Diana Moran, BCWD
Jeff Reynolds, P.E., HMB Engineers

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the matter of:

APPLICATION OF THE BRACKEN COUNTY)
WATER DISTRICT FOR A CERTIFICATE OF)
PUBLIC CONVENIENCE AND NECESSITY TO)
CONSTRUCT AND FINANCE AN IMPROVE-) Case No. 2011-00519
MENTS PROJECT PURSUANT TO KRS 278.020)

RESPONSE TO COMMISSION STAFF'S FIRST
REQUEST FOR INFORMATION

The Bracken County Water District (the "District") files this Response to the Commission Staff's Request for Information dated February 7, 2012:

Response 1: Copies of the minutes of the District's Board of Directors regarding the Short Roads Water Project are attached hereto as **Exhibit "A"**. In summary:

- a) The Short Roads project was on the project profiles with Buffalo Trace ADD and was approved in 2008.
- b) The District received many phone calls from residents in the proposed service area requesting water service.
- c) The County Judge Executive and the County Magistrate for Old Pea Ridge Road area contacted the District several times requesting water service for the residents.
- d) The District received funding with the help of State Representative Michael Denham, who had received numerous phone calls from residents. Rep. Denham requested the District's assistance in obtaining water for these residents.

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FEB 24 2012

PUBLIC SERVICE
COMMISSION

e) The KIA funding is a loan with 80% forgiveness. The District's goal is to provide water service to a large portion of the under-served areas in the County with those funds while minimizing the cost to customers.

f) There are problems with several leaks on the 12" main line (the "Main Line") at the pump station which was a loan only project, however, a rate increase was not expected. Based on the District's engineer's recommendation, the Short Roads Project and the Augusta Berlin Road project were combined.

Response 2: The District has records of seven (7) work orders involving leaks on the Main Line, however, there are at least three (3) more incidents that are not documented. Copies of the recorded work orders are attached hereto as **Exhibit "B"**. Each leak resulted in a loss of approximately 80,000 gallons of water and the use of approximately 30,000 gallons for line flushing. Five (5) leaks occurred within a 300-foot section and four (4) leaks occurred in another 1,000-foot section.

Response 3: The incidents that have occurred are as follows:

a) September 5, 2007: There was a leak at the pump station and the District's telemetry showed that there was a loss of approximately 600,000 gallons of water over a period of two days. The affected area is extremely rocky and the pipe was not bedded in sand. The District had to expend 18 hours of labor, including the use of equipment and materials, at a total expense of \$1,715.65.

b) March 20, 2008: There was a leak on the Main Line which had to be flushed to keep the affected water from being distributed throughout the system. The loss of water was

approximately 80,000 gallons and the District had to expend 13.5 hours of labor, including the use of equipment and materials, at a total expense of \$765.86.

c) September 22, 2008: There was a leak that resulted in the loss of approximately 80,000 gallons of water. The District had to expend 27 hours of labor, including the use of equipment and materials, at a total expense of \$987.68.

d) November 3, 2009: There was a leak in the Main Line that resulted in the loss of approximately 80,000 gallons of water. The District had to expend 23 hours of labor, including the use of equipment and materials, at a total expense of \$827.20.

e) October 6, 2010: There was a leak in the Main Line that resulted in the loss of approximately 80,000 gallons of water. The District had to expend 30.5 hours of labor, including the use of equipment and materials, at a total expense of \$1,272.34

f) March 18, 2011: There was a leak that resulted in the loss of approximately 80,000 gallons of water. The District had to expend 18.5 hours of labor, including the use of equipment and materials, at a total expense of \$876.81.

g) September 14, 2011: There was a leak that resulted in the loss of approximately 80,000 gallons of water. The District had to expend 8 hours of labor, including the use of equipment and materials, at a total expense of \$375.39.

h) There were also three (3) other, undocumented leaks, one of which occurred on November 30, 2010. All of these occurrences cost the District approximately 80,000 gallons of water and additional expenses.

The Main Line is the primary trunk line that feeds the entire County, including the City of Brooksville. The District has to rely on storage tanks to feed the system when the Main Line is

down. Valves are shut down after a break has been identified and several customers are without water until the repair has been made. Once the leak has been repaired and the Main Line recharged, customers still often experience "dirty" water, which is due to the build up of iron and manganese in the wall of the pipe. The District's customers have had to endure many breaks over the past few years. It is an inconvenience to the residents of the County to be without water.

Response 4: The Main Line is approximately 29 years old and was placed into service in 1983.

Response 5: a) The District has not received any contracts for new water service on this project as customers are not willing to obligate their money, in a struggling economy, for a project that has not been approved. The District does, however, have signed easements allowing access to customers' property which is an indication that there is interest in such a project.

b) The District anticipates adding seventeen (17) new customers in the first year.

Response 6: There are few, if any, areas in Bracken County with a density of greater than five (5) potential customers per mile that are not currently being served. Though the customer density level is not optimal, each person deserves a source of safe, potable water and it is the goal of the District to provide it to them. Supplying water to seventeen (17) new customers and replacing old, undersized pipe is a benefit to all of the customers of the District. The old water lines will eventually have to be upgraded and the opportunity to construct these upgrades, along with the new additions, for only 20% of the cost may not be available if the District decides to postpone the Project.

Response 7: The District does not typically require potential customers to contribute to the cost of water lines that are included in a project that is funded by either grant funds or a long term loan, as is typical with KIA, SRF and RD.

Response 8: Potential customers are only required to pay for the water line if the lines are not part of a loan or grant funded project. It is District policy to include the most feasible water line extensions in those projects. Grant funds are difficult to obtain and, as a result, some potential customers choose to contribute towards the water line instead of waiting for it to be included in a project. The District is continually trying to get grant funds to construct the less feasible water line extensions.

Response 9: There is approximately 31 miles of asbestos cement main left in the County.

Response 10: The District plans to continue to seek grant funds to eliminate asbestos cement water line.

Response 11: The District's Industrial Park Tank was constructed in 2000.

Response 12: a) A map of the service area is attached hereto as **Exhibit "C"**. The service area will include Dutch Ridge, Hook Lane, Gillespie Lane East and West, Cigar Lane, Hargett Lane, Dover Road, Augusta Minerva Road, Highway 8, Valley View and Valley High subdivisions, Augusta Chatham Road and Riverview Lane.

b. The District currently serves 170 active taps in the service area.

c. The District anticipates that the Industrial Park Tank will turn over once every 48 hours. The turn over time can be increased or decreased by increasing or decreasing the service area of the tank.

Response 13: The quantities approved by the Kentucky Division of Water were based on quantities scaled off of a flat aerial photo in the District's engineer's office. Bracken County has rolling terrain which requires larger quantities of pipe to complete the Project. The footage of pipe bid is increased to account for any potential overruns. Underestimating the quantity of pipe for the Project could potentially require the contractor to order additional pipe at a higher cost.

The responses to the Commission Staff's First Request for Information were prepared by Ms. Diana Moran of the Bracken County Water District.

I, the undersigned, Chairman of the Bracken County Water District, have reviewed this Response and hereby certify, under oath, that the information contained in this Response is true and accurate to the best of my knowledge and belief, after a reasonable inquiry.

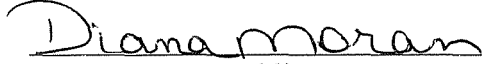
BRACKEN COUNTY WATER DISTRICT

By 
Chairman

STATE OF KENTUCKY)
) ss:
COUNTY OF BRACKEN)

The foregoing instrument was acknowledged before me this 21st day of Feb., 2012, by Anthony Habermehl, Chairman of the Bracken County Water District.

My Commission expires: 4/3/14.


Notary Public

Short Roads

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
DECEMBER 21 2011

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
DALE APPELMAN
TIMOTHY SWEENEY
BAXTER COURTS
EDDIE KERN

EMPLOYEES PRESENT

MICHAEL BROTHERS
DIANA MORAN

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
DECEMBER 21, 2011

The regular meeting of the Bracken County Water District was called to order at 9:00 am on Wednesday, December 21, 2011. Minutes from November 16, 2011 and from the special meeting December 2, 2011 were approved in a motion made by Tim 2nd by Eddie. Motion carried. Check detail from 11/17/11 through 12/21/11 was reviewed and is attached.

City of Augusta bill for November was 12,204,900 gallons. Plant usage was 348,600 gallons. Total paid was \$19,447.52. Sales are at 11,000,200. We received notice from Augusta that the rate will be increased to \$1.87 per thousand gallons effective December 27, 2011. We also received a bill that included \$53,693.24 undercharge for the past year, the capital cost and depreciation reserve that we have been holding and a 10% penalty. After discussion the commissioners decided that at this time we will pay the capital cost only. We will send Augusta a letter stating that we want to have copies of all chemical bills, any repairs that have been done at the plant, and copies of the bank statement for the depreciation reserve account. The letter will state that if there is an issue with the expense of the copies the office personnel can go to the plant to make the copies. Also explain that we are not questioning the auditor, just the bills that were given to her.

Reviewed letter from HMB that recommended that we award the Short Roads/Augusta Berlin Road project to Tilton Excavating. Dale made a motion 2nd by Baxter to award the bid to Tilton. Motion carried. We contracted with Randy Jones, attorney at Rubin & Hayes, to prepare the PSC application of convenience and necessity and for the loan approval. There are 3 or 4 easements outstanding. Mike Clark is finishing them up.

Reviewed meter test results from the treatment plant. The unemployment report for the 3rd quarter was also reviewed.

Michael reported that Case Ridge repair has been completed and Florence Lane line install has been completed except for clean-up.

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
DECEMBER 2, 2011

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
DALE APPELMAN
TIMOTHY SWEENEY

EMPLOYEES PRESENT

MICHAEL BROTHERS

GUEST PRESENT

LIST ATTACHED



Sign In
Bracken County Water District
Short Roads Water Project

Project: 4162.00
Date: 12/2/2011
Engineer: JR

Time: 10:00 AM EST

ATENDEE	REPRESENTING	e-mail
Jeff Reynolds	HMB Engineers	jdreynolds@hmbpe.com
TODD BAILEY	Utility Service Supply	tbailey@utilitysupply.com
Jerry Beatty	" "	None
Kelly Jolly	Tilton Excavating	
Tom Sweeney	BCWD	
Jim Unger	Unger Const	jimunger@yahoo.com
Chip Hart	Packs	HartH2O@hotmail.com
Tony Polovic	D.P. Pipeline	Pipe@windstream.net
Nolan Wilkie	Walter Martin Exclv.	Bob Thomas 64@att.net
Tamara Kenny	Kenny Inc	tkenny@bellsouth.net
Emmitt Caskey	Emmitt Caskey Inc	emmitt.caskey@windstream.net
Mike MARY SR.	Southern Backhoe	southernbackhoe@windstream.net
CREG DUNGAN	US PIPE	GDUNGAN@USPIPE.COM
Anthony Habermehl	BCWD	heybudhe@yahoo.com
Gene Long		

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
DECEMBER 2, 2011

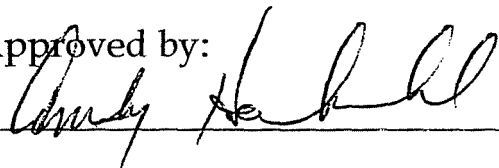
The Special meeting of the Bracken County Water District was called to order at 10:00 am on Friday, December 2, 2011.

The agenda for the Special Meeting was for the bid opening on the Short Roads/ Augusta Berlin Road Projects. Our engineer, Jeff Reynolds, conducted the opening of the bids. A copy of the Bidders list is attached and made a part of the minutes.

Low bid was Tilton Excavating. Upon verification that the information in the bid package is correct HMB will notify the district of their recommendation for the contractor.

With no further business on the agenda Dale made a motion to adjourn 2nd by Tim. Motion carried.

Approved by:



12-21-2011
Date

copy of list for BCWD



Bidders List
 Short Roads Water Project
 City of Wurtland
 Greenup County, Kentucky

Project: 4162.00
 Date: 12/2/2011
 Engineer: JDR
 Page:

Time: 10:00 AM EST

CONTRACTOR	BID
Beauty Ridge Contractors	
⑧⑦ BP Pipeline	\$ 843,433 4
Cumberland Pipeline	
① Emmitt Caskey Construction	\$ 774,381 3
Fields Excavating	
GM Pipeline	
⑥ Kenney, Inc.	\$ 1,032,313.50 9
⑤ Packs, Inc.	\$ 757,455 2nd ✓
⑨ Salmon Construction	891,903 7
③ Southern Backhoe	\$ 960,075 8
Straight Edge Construction	
④ Tilton Excavating	\$ 739,250 Low ✓
④ Unger Construction	\$ 878,750 6
② Walter Martin Excavating	\$ 868,880 5

number represents order opened

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
OCTOBER 19, 2011

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
DALE APPELMAN
BAXTER COURTS
TIMOTHY SWEENEY
EDDIE KERN

EMPLOYEES PRESENT

MICHAEL BROTHERS
DIANA MORAN
LOUIE KING
SHIRLEY ROBINSON

GUEST PRESENT

JEFF REYNOLDS, ENGINEER
DELORES PERKISN

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
OCTOBER 19, 2011

The regular meeting of the Bracken County Water District was called to order at 9:00 a m Wednesday, October 19, 2011. Let the record reflect that by unanimous agreement the board will dispense with the reading of the minutes. Each commissioner will be forwarded a copy of the minutes for review prior to the meeting. Motion made by Tim 2nd by Dale to accept the minutes from the special meeting on September 20, 2011. Motion carried.

Check detail from 9/21/11 - 10/19/11 was reviewed and approved.

Motion made by Eddie 2nd by Baxter to go into executive session.

Motion carried.

Motion made by Dale 2nd by Tim to return to regular session. Motion carried. Anthony announced that meter reading issues were discussed.

Jeff Reynolds told the board the Wellsburg Project (Aaron Morris) has been approved by the DOW. He also discussed the Short Roads Projects and the Augusta Berlin Road upgrade. Michael and Anthony will work with Jeff on the maps to place flush hydrants, etc. Easements are almost complete. Jeff will prepare the bid advertisement with construction to begin in January 2012.

Jeff also told the board that he would be taking the plans for Florence Lane to the DOW next week. Diana will contact Ed Rudd's office regarding the easement preparation.

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
AUGUST 17, 2011

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
BAXTER COURTS
TIMOTHY SWEENEY
CHUCK HICKEY
DALE APPELMAN

EMPLOYEES PRESENT

MICHAEL BROTHERS
DIANA MORAN
EDDIE CHINN

GUEST PRESENT

DELORES PERKINS

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
AUGUST 17, 2011

The regular meeting of the Bracken Co Water District was called to order at 9:00 am on Wednesday, August 17, 2011. Minutes from the regular meeting July 20, 2011 were read and approved in a motion made by Tim 2nd by Dale.

Check detail from 7/21/11 through 8/16/11 was reviewed and approved and is made a part of the minutes.

City of Augusta bill for July: 14,342,100 gallons purchased; plant usage 435,200 gallons; total payment less capital cost and depreciation reserve \$22,882.87.

Anthony has talked with Judge Bush and the health department regarding the issue of the addresses that Don Miller was talking about. He is going to try to work with the various agencies and compile a list that can be handed out to customers.

The State Highway would not agree to putting the water line on the right-of-way at the "hump" at the Industrial Site, but we will be approximately 100-150 feet on the right-of-way. Easements for the Short Roads/ Augusta-Berlin Road projects were discussed. Most of the easements for the Short Roads project are completed. The commissioners decided to contract Rudd & Schumacher to prepare the Augusta Berlin Road easements. Pay request 1 for partial engineering fees for the Short Road Project was paid 8/8/11. Total was \$27,500. The \$20,000 transfer to account 131.21 was used to pay this bill. Upon reimbursement from KIA, we will catch the account up.

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
MARCH 16, 2011

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY
TIMOTHY SWEENEY
DALE APPELMAN

EMPLOYEES AND GUEST PRESENT

EARL BUSH, JUDGE EXEC.
MICHAEL BROTHERS
DIANA MORAN
EDDIE CHINN
BILL RUF
SANDY DEAN
EDDIE MOFFORD
DELORES PERKINS

Michael has gotten some prices on generators for the pump house on Augusta Berlin Road and has learned from Buffalo Trace that there may be some grant monies available. Estimate for a natural gas generator, gas line and appurtenances is \$110,000. Dale instructed Michael to check on service agreements for the generator. Will call the City of Augusta regarding installing a gas line when we do the replacement line on Augusta Berlin Road. Michael will report back.

Michael reported that the supervisor at the hydro plant at the dam has approved the expense for the line install. Jeff Reynolds is working on the survey.

A landowner on Ruf Road near Route 8 has requested that we extend our line 400 - 500 feet to service 8 lots. Commissioner's instructed Michael to go ahead.

Discussion was held regarding logging daily mileage on the vehicles. After some discussion the commissioner's instructed Michael to continue logging each vehicle.

Procurement procedures for an engineering firm for the Short Roads Project and the 12" main line replacement were held by the project committee and HMB has been selected as the engineering firm for both projects. In a motion made by Baxter 2nd by Chuck the selection of HMB was granted.

KIA approved the 12" line replacement project in the amount of \$621,000.

Received the remaining balance of \$460.26 from Kathy Free, Circuit Clerk on behalf of Gary Roaden Jr. for restitution from theft of services.

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
JANUARY 19, 2010

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY

EMPLOYEES AND GUEST PRESENT

EARL BUSH, JUDGE EXEC.
TIM SWEENEY
PHILLIP CHRISTY
MICHAEL BROTHERS
DIANA MORAN
EDDIE CHINN
PAM HOPKINS
DARREN CLARK
DELORES PERKINS
JASON LaFOLLETTE, UNIFIRST

to bill Bonnie Ruf for the damage to the setter. Delores told the commissioner's that she would replace the setter.

Wanda and Eldon Nickoson have requested that the district move their meter to their property line. After the new line went in on Hwy 435 we changed some things with their meter and it has added about 150 more feet to his service line. After some discussion, the commissioner's agreed to move their meter, but the customer has to be the one to make the connection and it has to be inspected.

Received a breakdown of HMB's engineering fees.

Anthony instructed Delores and Eddie that since meeting time is being changed to 9:00 in the morning they only have to take vacation time for the hours that they attend the meeting, not the whole day.

In a motion made by Chuck 2nd by Baxter the Bracken County Water District proposes to provide upgrades utilizing funds through the Kentucky Infrastructure Authority State Revolving Fund Program Fund B monies. The project consist of a 12" main line replacement on Augusta Berlin Road. Chuck further made a motion 2nd by Baxter authorizing Anthony Habermehl to sign all necessary papers for the project and the loan.

Check detail for 12/16/10 through 1/19/11 was reviewed and approved. Detail is attached and made part of the minutes.

During the meeting some checking was done on the Phil Christy line. Commissioner's decided that we will send him a letter explaining that it has been seven years since the connection was made. We cannot warranty things like that for a lifetime. Also, it is still unclear as to who made the

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
DECEMBER 15, 2010

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY

EMPLOYEES AND GUEST PRESENT

RANDAL WRIGHT
MICHAEL BROTHERS
DIANA MORAN
EDDIE CHINN
PAM HOPKINS
DARREN CLARK
DELORES PERKINS

Reviewed estimate from HMB for a line replacement from the treatment plant on Augusta Berlin Road to Gertrude at the store. Various funding options were discussed. Elwood Howe at Rural Development estimates payments to be around \$34,000 per year thru USDA. We are paying \$2,354 per month to Augusta for the underpayment that is due to be paid off around February. After that payment is gone the board instructed Diana to transfer that amount to the savings account monthly to help fund this new project. Eddie will check with the KIA for funding through the State Revolving Fund.

The leak on Augusta Berlin Road was discussed. Michael noted that the sampling and boil water advisory went well. Eddie has also worked on the telemetry computer and the sampling locations and alarm drops are matching up.

Reviewed an estimate for Sassler Water Project as requested by the PSC. Also reviewed the project for the hydro plant at Snag Creek and Route 8. No action taken.

Cintas uniforms were sent back 12/2/10. Reviewed letter canceling contract.

Michael discussed CDL physical and license cost. Since the district is requiring it the expense will be covered by the district.

Discussion was held regarding insulation and heating in the shop. Michael was instructed to go to Bradford's and purchase a heater for the little work area until we do something out in the shop.

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
NOVEMBER 15, 2010

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY

EMPLOYEES AND GUEST PRESENT

MICHAEL BROTHERS
DIANA MORAN
EDDIE CHINN

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
NOVEMBER 15, 2010

The special meeting of the Bracken County Water District was called to order at 1:00 pm on Wednesday, November 17, 2010. Copy of the Agenda for the meeting is attached and made a part of these minutes. Minutes from October 20, 2010 were read and approved in a motion made by Baxter 2nd by Chuck.

Check detail from October 20th through November 15th was reviewed and approved. Copy is attached and made a part of the minutes.

City of Augusta bill for October was 15,462,400 gallons. Plant usage was 467,700 gallons. Total bill \$34,488.55.

Reviewed estimate from HMB for line replacement on Augusta Berlin Road from the pump station to the top of the hill at the store in Gertrude and the from the treatment plant in Augusta to our pump station on Augusta Berlin Road. It was decided that we will check to see if there are any grant monies available for this type of project. Copies of estimates are attached.

Hydrant flushing and repairs were discussed. Michael and Darren have repaired several of the hydrants. They will start flushing after Thanksgiving.

Reviewed receipts from Glen Littleton for bottled water and a plumbers bill for repair of his line. Mr. Littleton requested reimbursement last month for an issue with his lines which required a plumber to repair. The board instructed Mr. Littleton to send in receipts along with a



Water/Wastewater
Transportation
Engineers
Environmental

Project: BCWD
Date: 11/5/2010
Engineer: JR
Page:

**Estimated Construction Cost
12" Water Line Along Augusta-Berlin Road
(Top of Hill @ PS to Gertrude)**

Item	Quantity	Unit	Unit Price	Total
12" Ductile Iron Water Line	10,000	L.F.	\$38.00	\$380,000
18" Road Bore	100	L.F.	\$125	\$12,500
12" Gate Valve	5	EA.	\$2,000	\$10,000
Air Release Valve	3	EA.	\$1,500	\$4,500
Connection of Exist. System	4	EA.	\$1,500	\$6,000
Customer Reconnects	24	EA.	\$500	\$12,000
Fire Hydrant	5	EA.	\$3,750	\$18,750
Crushed Stone	1,000	EA.	\$10	\$10,000
Total Estimated Construction Cost				\$453,750

Project Cost (130% of Construction)

\$589,875

Use

\$590,000

**Estimated Construction Cost
12" Water Line Along Augusta-Berlin Road
(Top of Hill @ PS to Gertrude)**

Item	Quantity	Unit	Unit Price	Total
12" C-900 Water Line	10,000	L.F.	\$26.00	\$260,000
18" Road Bore	100	L.F.	\$125	\$12,500
12" Gate Valve	5	EA.	\$2,000	\$10,000
Air Release Valve	3	EA.	\$1,500	\$4,500
Connection of Exist. System	4	EA.	\$1,500	\$6,000
Customer Reconnects	24	EA.	\$500	\$12,000
Fire Hydrant	5	EA.	\$3,750	\$18,750
Crushed Stone	1,000	EA.	\$10	\$10,000
Total Estimated Construction Cost				\$333,750

Project Cost (130% of Construction)

\$433,875

Use

\$435,000



Water/Wastewater
Transportation
Engineers
Environmental

Project: BCWD
Date: 11/5/2010
Engineer: JR
Page:

**Estimated Construction Cost
12" Water Line from Main PS to WTP**

Item	Quantity	Unit	Unit Price	Total
12" Ductile Iron Water Line	7,200	L.F.	\$38.00	\$273,600
18" Road Bore	110	L.F.	\$125	\$13,750
12" Gate Valve	3	EA.	\$2,000	\$6,000
Air Release Valve	1	EA.	\$1,500	\$1,500
Connection of Exist. System	2	EA.	\$1,500	\$3,000
Customer Reconnects	0	EA.	\$500	\$0
Fire Hydrant	0	EA.	\$3,750	\$0
Crushed Stone	500	EA.	\$10	\$5,000
Total Estimated Construction Cost				\$302,850

Project Cost (130% of Construction) \$393,705
Use \$400,000

**Estimated Construction Cost
12" Water Line from Main PS to WTP**

Item	Quantity	Unit	Unit Price	Total
12" C-900 Water Line	7,200	L.F.	\$26.00	\$187,200
18" Road Bore	110	L.F.	\$125	\$13,750
12" Gate Valve	3	EA.	\$2,000	\$6,000
Air Release Valve	1	EA.	\$1,500	\$1,500
Connection of Exist. System	2	EA.	\$1,500	\$3,000
Customer Reconnects	0	EA.	\$500	\$0
Fire Hydrant	0	EA.	\$3,750	\$0
Crushed Stone	500	EA.	\$10	\$5,000
Total Estimated Construction Cost				\$216,450

Project Cost (130% of Construction) \$281,385
Use \$285,000

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
OCTOBER 20, 2010

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY

EMPLOYEES AND GUEST PRESENT

MICHAEL BROTHERS
DIANA MORAN
EDDIE CHINN
DELORES PERKINS
JACKIE SUE WRIGHT
TIM SWEENEY
LINDA SWEENEY
MIKE CLARK, COUNTY ATTORNEY

City of Augusta bill for September was reviewed. Purchased 16,459,400 gallons and plant usage was 548,200 gallons for a total of \$36,138.05. Sales are at 13,800,000 for the month. Michael reported that he and Darren had repaired a large leak at Locust Creek on 9/25 and usage has gone down. They repaired a leak on Augusta Berlin Road on 10/11. We have had several leaks since 10/6.

Uniforms were discussed. Our representative from Cintas is working on getting the Class III's that we ordered. Diana was instructed by commissioner's to order shop rags.

Reviewed letter sent to Altius Broadband and the Fiscal Court. After some discussion the commissioner's instructed Diana to send a letter to Altius and the Fiscal Court requesting that we be notified within 48 hours after someone has entered the premises. We can then check the ladder guards and gates ourselves.

Received an estimate for \$1500 from Wallingford Law Office for revision of the employee handbook. After some discussion the commissioners decided that Chuck and Diana will review the book and make changes. It will be reviewed after completion and decided if we need Wallingford to look at it.

Wayne Lonaker at East Pendleton Water phoned Diana requesting a price on the line and customers on New Zion Road that is in Pendleton County. They may be interested in purchasing that portion of the line and customers and installing a master meter to purchase water from us. Diana will contact Elwood Howe with Rural Development to see if they will

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
SEPTEMBER 15, 2010

COMMISSIONER'S PRESENT

BAXTER COURTS
CHUCK HICKEY

EMPLOYEES AND GUEST PRESENT

MICHAEL BROTHERS
DIANA MORAN
EDDIE CHINN
DELORES PERKINS

Michael reported to the commissioner's that Darren personal truck had be looked through by someone. Darren questioned Delores about doing it because the same day that his truck had been looked through, she had called him asking him his salary. Michael told the commissioner's that employees salaries are a big topic out in the county right now and each time he has heard anything about it Delores' name is mentioned. Delores responded that she can't help what people are discussing during lunch. Chuck informed employees that he does not want employee wages being discussed by other employees. Questions regarding wages, etc. can be addressed to the board, not employees.

Over the Labor Day holiday someone had painted graffiti on the water tower here at the office. Darren is working on getting it removed and painted over today. It appears that the ladder guard was left unlocked. Commissioner's instructed Diana to send a letter to the internet company and one to the county.

Diana reported that the insurance company had settled with Mrs. Kanzlemar on August 25th.

Reviewed software support renewal from Master Meter (formerly Greentree). One year support \$1800. Chuck made a motion 2nd by Baxter to renew.

Diana reported that she and Anthony have been working with Laura Jefferson at BTADD on a securing a grant to install a line to Old Pea Ridge Road off the AA Highway. There are 7 to 8 potential customers if we come from the Industial Park. No action at this time.

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
MARCH 17, 2010

COMMISSIONER'S PRESENT

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY

EMPLOYEES AND GUEST PRESENT

PENNY STANFIELD, CPA
DIANA MORAN
EDDIE CHINN
DELORES PERKINS

Jeff Reynolds phoned and reported that we will receive \$50,000 grant on our Short Roads Project and \$50,000 on the Shofstall to Locust Creek Project through the stimulus monies. After some discussion the commissioner's instructed Diana to draft a letter requesting alternate use of the funds. Try to use the money for radio read meters or combine the money to the short roads project.

Commissioner's instructed Eddie to get Internet connection for the telemetry system to include water district employees and Jeff Mofford at the plant.

Buffalo Trace meeting will be March 29 at 12:00. Chuck, Baxter, Michael and Eddie will attend.

Kevin Grothouse with US Bank has been working on getting a quote together for a credit card machine. Commissioner's instructed Diana to request that he attend our April meeting.

Eddie reported that the heater at the booster pump station is not working. Replacement heater will be \$297. Commissioner's instructed Eddie to make the purchase.

With no further business Baxter made a motion to adjourn 2nd by Chuck.

Approved by:

Amity Hahnel Date: 4-21-2010

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
JANUARY 2, 2009

COMMISSIONERS PRESENT:

ANTHONY HABERMEHL
BAXTER COURTS

EMPLOYEES AND GUEST PRESENT:

DIANA MORAN
EDDIE CHINN
MICHAEL BROTHERS
DELORES PERKINS

BRACKEN COUNTY WATER DISTRICT
SPECIAL MEETING
JANUARY 2, 2009

The special meeting of the Bracken County Water District was called to order at 10:00 am on Friday, January 2, 2009.

Pump restart issues for a water main break on Augusta Berlin Road on the 12" main were the main issue for discussion. Valve opening order and hydrant flushing were discussed.

Baxter made a motion 2nd by Anthony to install a 6" hydrant on Highway 875 at Richard Bradford's before we cross the AA.

After a lengthy discussion a sequence was established for the shut down and restart of the pumps, valves and hydrants. Anthony and Diana will work together to get the sequence typed up. Each employee will be given a copy to be kept in the truck and one is to be kept at the pump station on Augusta Berlin Road and one in the backhoe.

The Safety Program that is in effect for the District was reviewed and discussed. Anthony instructed Eddie to order hard hats, rain suits and vest with safety colors for each field employee. Vest are to be ordered for the meter readers, also. He also stated that anytime an employee is at a pit site he/she must be accompanied by another employee. Pam has ordered a fire extinguisher for the storage building and the backhoe. Diana will order fire extinguishers and first aid kits for each of the company vehicles. A first aid kit will also be available in the storage building and the one located in the office will be restocked. Michael and Eddie will order straps to be used for lifting flush hydrants, etc. Anthony stated that seat belt safety is a State Law, however we will make an update to the Safety Program to include the

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING

April 16, 2008

Dm^a

COMMISSIONERS PRESENT:

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY

EMPLOYEES AND GUEST PRESENT:

EDDIE CHINN
DIANA MORAN
DELORES PERKINS
STEVE MILLBOURN
BOBBY YOUNG
CHARLIE TARVIN

Commissioners were reminded that the special meeting at the City of Augusta is scheduled for 10:00 am on April 17, 2008.

Anthony asked Eddie for an update on the pump at the booster station on 1159. The pump or motor has burned up or locked up. The estimate for a new pump and motor is \$3,190. Chuck made a motion for Eddie to order the new pump 2nd by Baxter. Anthony instructed Eddie to try to by-pass the cross-country pump station to see if we can fill the Berlin Tank without the pumps.

Terry Barnes asked Eddie about water on Gibson Lane. He explained to her that he didn't think that the district would install the line because it was on Phase I of the Delisle Curve Project and no one on that road wanted water except the Fleeman's. He explained to her that we could supply the pipe and the customers could install the line, and etc. and that he didn't see any problem with using our plans because they have already been approved by the DOW. Commissioners told Eddie to contact Ms. Barnes and tell her that they agree to supplying the pipe and for them using our plans.

Delores discussed the leak on Augusta Berlin Road on March 20th. She also told the commissioners that they have installed 10 new taps and did clean up on Locust Creek where we had been having the leaks.

Diana reminded everyone that CPR training is set for Wednesday, May 7th at 4:30 at the office.

Mike Denham called Eddie regarding the State funding for the projects that we will be receiving in fiscal year 2008. Mr. Denham

BRACKEN COUNTY WATER DISTRICT
REGULAR MEETING
SEPTEMBER 19, 2007

COMMISSIONERS PRESENT:

ANTHONY HABERMEHL
BAXTER COURTS
CHUCK HICKEY

EMPLOYEES & GUEST PRESENT:

EDDIE CHINN
DIANA MORAN
DELORES PERKINS
VONA FUELLHEART
DARRIN HELPENSTINE
PAT CLOS
GLENN ADDISON
DAVID KELSCH
CHARLIE TARVIN

The City of Augusta bill for August was for 18,078,041 gallons and plant usage for August was 583,300 gallons @60% for a total of \$493.47. Total bill was \$30,749.39. Other small bills were approved.

Shelby has finished painting the Chatham Tower. He also cleaned the Industrial and Chatham towers. Anthony discussed having him take down the Bluegrass and Lenoxburg towers in the spring.

Delores reported that they repaired 2 leaks on the 12" main and one leak at the pump house on September 5th. An elbow blew off at the main pump station. At the construction meeting today; Anthony talked with Jeff Reynolds regarding some reimbursement from HMB due to the inspector at the pump house.

Anthony felt that this mistake should have been caught during construction.

There was not enough concrete and the water hammer is what caused the break.

Delores also reported that they have been flushing lines due to the black water.

Wandell also did some backhoe work for Mark Vise on the office building.

Anderson Ealy has moved a singlewide trailer in on Mattox Road and it is approximately two foot from the water line. Phil Lucas never responded to the letter regarding moving the water line on Hamilton Road and his foundation is now approximately 51" from the line. Anthony asked Diana to have Mike Clark send both of them a letter explaining that the District will not be held responsible in case of a leak and or damage to their foundation, etc.

Eddie reported that he has set about 12 meters on the project on Dover Rd., Rt 8 and 435.

Received a renewal for Micro-Comm 1 year service contract for \$2950.

Baxter made a motion 2nd by Chuck to renew.

BRACKEN COUNTY WATER DISTRICT - Work Order 7298

PO BOX 201
 BROOKSVILLE KY 41004
 606-735-3513

CHARLENE GABBARD
 5051 AUGUSTA BERLIN RD
 AUGUSTA, KY 41002

ORDER NO: 7298
 ACCOUNT: 100459
 LOCATION: 07-00915
 MID:

Ph: 606-322-2209 CLASS: BRACK ORDER TYPE: 110-LEAK DIST

ISSUE DATE	BEGIN DATE	DATE CLOSED	PRINT DATE
9/5/2007	9/5/2007	9/7/2007	2/13/2012

Location Note: 2 STORY/RIGHT/AUGUSTA BERLIN RD

OLD METER ID	OLD READING	NEW METER ID	NEW READING
29801497	3675		

EXPENSE	DESCRIPTION	EXPENSE	AMOUNT
MATERIAL		MAT. \$	612.67
EQUIPMENT	BH--18 HRS	EQUIP. \$	585.00
EMPLOYEES	WP / DP	LABOR \$	423.00
LABOR HRS	18 HRS EACH.	TRAVEL \$	54.00
MISC EXP		MISC. \$	40.98
TOTAL \$			1,715.65

REMARKS: POSS. LEAK DIST SIDE

LEAK AT PUMP STATION ALSO.BH-- 8 HRS WP /DP 8HRS EACH

BRADFORDS'S \$40.98

BRACKEN COUNTY WATER DISTRICT - Work Order 7298

ORDER NO: 7298

ITEM	DESCRIPTION	QTY	COST	TOTAL
131072	.75" X 12" D.I. TAPPING SADDLE	1	39.07	39.07
112000	.75" CORP STOP W/COMP	1	18.50	18.50
130101	.75" METAL STIFFENERS	3	1.40	4.20
125040	12" PVC LINE CLASS C900	20	8.86	177.20
123128	12" MJ SLEEVE	2	141.66	283.32
124111	12" MJ ASSY KIT	2	20.11	40.22
130506	12" TRANS ACC PACK	2	24.20	48.40
129000	.75" PE SERVICE LINE	8	.22	1.76

Updated By: PH On: 2/13/2012 Taken By:

BRACKEN COUNTY WATER DISTRICT - Work Order 7911

PO BOX 201
 BROOKSVILLE KY 41004
 606-735-3513

JULIE CARNES
 4551 AUGUSTA BERLIN RD
 AUGUSTA, KY 41002

ORDER NO: 7911
 ACCOUNT: 100797
 LOCATION: 07-00895
 MID:
 ORDER TYPE: 110-LEAK DIST

MOBILE HOME

ISSUE DATE	BEGIN DATE	DATE CLOSED	PRINT DATE
3/20/2008	3/20/2008	3/20/2008	2/13/2012

LOCATION NOTE: MOBILE HOME

OLD METER ID	OLD READING	NEW METER ID	NEW READING
10488392	14792		0

EXPENSE	DESCRIPTION	EXPENSE	AMOUNT
MATERIAL		MAT. \$	316.86
EQUIPMENT	BH--8 HRS	EQUIP. \$	260.00
EMPLOYEES	DP	LABOR \$	148.50
LABOR HRS	13.5 HRS	TRAVEL \$	40.50
		MISC. \$.00

REMARKS: POSS. LEAK DIST SIDE

LEAK ON THE 12" MAIN. FLUSHED THE DIRTY WATER AT GERTRUDE AND ON MT. ZION RD TO KEEP THE DIRTY WATER FROM GOING THROUGHOUT THE SYSTEM. SENT MOST OF THE DIRT DOWN SHOLSTALL RD AND TO LOCUST CREEK.
 JEFF MOFFORD & DARRIN BLEVINS 8 HRS EACH
 ORDER NO: 7911

ITEM	DESCRIPTION	QTY	COST	TOTAL
125039	12" SDR 21 200#	16	10.95	175.20
123128	12" MJ SLEEVE	1	141.66	141.66

Updated By: PH On: 4/2/2008 Taken By:

BRACKEN COUNTY WATER DISTRICT - Work Order 8572

PO BOX 201
 BROOKSVILLE KY 41004
 606-735-3513

JULIE CARNES
 4551 AUGUSTA BERLIN RD
 AUGUSTA, KY 41002

ORDER NO: 8572
 ACCOUNT: 100797
 LOCATION: 07-00895
 MID:

CLASS: BRACK

ORDER TYPE: 110-LEAK DIST

ISSUE DATE	BEGIN DATE	DATE CLOSED	PRINT DATE
9/22/2008	9/22/2008	9/21/2008	2/13/2012

Location Note: MOBILE HOME

OLD METER ID	OLD READING	NEW METER ID	NEW READING
10488392	15179		

EXPENSE	DESCRIPTION	EXPENSE	AMOUNT
MATERIAL		MAT. \$	360.37
EQUIPMENT	BH--7 HRS	EQUIP. \$	227.50
EMPLOYEES	WP / DP /MB	LABOR \$	347.31
LABOR HRS	9.5 /9.5 /8	TRAVEL \$	52.50
MISC EXP		MISC. \$.00
TOTAL \$			987.68

REMARKS: POSS. LEAK DIST SIDE

BRACKEN COUNTY WATER DISTRICT - Work Order 8572

ORDER NO: 8572

ITEM	DESCRIPTION	QTY	COST	TOTAL
125039	12" SDR 21 200#	20	10.95	219.00
123128	12" MJ SLEEVE	1	101.15	101.15
124111	12" MJ ASSY KIT	2	20.11	40.22

Updated By: PH On: 10/9/2008 Taken By:

BRACKEN COUNTY WATER DISTRICT - Work Order 10527

PO BOX 201
BROOKSVILLE KY 41004
606-735-3513

STANFORD R BOSTER OHIO TRUST
AUGUSTA BERLIN RD
AUGUSTA, KY 41002

ORDER NO: 10527
ACCOUNT: 100550
LOCATION: 07-00930
MID:
ORDER TYPE:

CLASS: BRACK

ISSUE DATE	BEGIN DATE	DATE CLOSED	PRINT DATE
11/3/2009	11/3/2009	11/3/2009	2/13/2012

Location Note: RR) BARN AUGUSTA BERLIN RD

OLD METER ID	OLD READING	NEW METER ID	NEW READING
08444994	587		

EXPENSE	DESCRIPTION	EXPENSE	AMOUNT
MATERIAL		MAT. \$	331.95
EQUIPMENT	MH--4.5	EQUIP. \$	146.25
EMPLOYEES	MB / DC / DP	LABOR \$	280.00
LABOR HRS	10 / 5 / 8	TRAVEL \$	69.00
MISC EXP		MISC. \$.00
TOTAL \$			827.20

REMARKS:

FREDDIE BUSER SAID WE HAD A LEAK IN OUR MAIN CLOSE TO THE METER. AS YOU START DOWN OVER THE HILL TO THE PUMP STATION.

BRACKEN COUNTY WATER DISTRICT - Work Order 10527

ORDER NO: 10527

ITEM	DESCRIPTION	QTY	COST	TOTAL
123128	12" MJ SLEEVE	2	101.15	202.30
130506	12" TRANS ACC PACK	4	24.20	96.80
125039	12" SDR 21 200#	3	10.95	32.85

Updated By: PH On: 11/19/2009 Taken By:

BRACKEN COUNTY WATER DISTRICT - Work Order 12602

PO BOX 201
 BROOKSVILLE KY 41004
 606-735-3513

BRACKEN CO WATER
 1324 BROOKSVILLE GERMANTO
 BROOKSVILLE, KY 41004

ORDER NO: 12602
 ACCOUNT: 104949
 LOCATION: 15-00295

CLASS: BRACK

ORDER TYPE: 110-LEAK DIST

ISSUE DATE	BEGIN DATE	DATE CLOSED	PRINT DATE
10/6/2010	10/6/2010	10/6/2010	2/13/2012

Location Note: PARINA BETWEEN DR TO BLDGS

OLD METER ID	OLD READING	NEW METER ID	NEW READING
82288112	84		
OLD SERIAL #		NEW SERIAL #	

EXPENSE	DESCRIPTION	EXPENSE	AMOUNT
MATERIAL		MAT. \$	161.59
EQUIPMENT	MINI HOE--9 BACKHOE-9	EQUIP. \$	585.00
EMPLOYEES	MB / DC / DP/ EC	LABOR \$	431.25
LABOR HRS	9/ 9/ 5/ 7.5	TRAVEL \$	94.50
MISC EXP		MISC. \$.00
TOTAL \$			1,272.34

REMARKS: POSS. LEAK DIST SIDE

LEAK ON MAIN LINE ON AUG. BERLIN RD.

BRACKEN COUNTY WATER DISTRICT - Work Order 12602

ORDER NO: 12602

ITEM	DESCRIPTION	QTY	COST	TOTAL
130506	12" TRANS ACC PACK	2	24.20	48.40
123128	12" MJ SLEEVE	1	101.15	101.15
125039	12" SDR 21 200#	1	12.04	12.04

Updated By: PH On: 10/11/2010 Taken By:

BRACKEN COUNTY WATER DISTRICT - Work Order 13329

**PO BOX 201
BROOKSVILLE KY 41004
606-735-3513**

BRACKEN CO WATER
1324 BROOKSVILLE GERMANTO
BROOKSVILLE, KY 41004

ORDER NO: 13329
ACCOUNT: 104949
LOCATION: 15-00295
MID:
ORDER TYPE: 110-LEAK DIST

CLASS: BRACK

ISSUE DATE	BEGIN DATE	DATE CLOSED	PRINT DATE
3/18/2011	3/18/2011	3/18/2011	2/13/2012

Location Note: PARINA BETWEEN DR TO BLDGS

OLD METER ID	OLD READING	NEW METER ID	NEW READING
82937258	62		
OLD SERIAL #	NEW SERIAL #		
36063382			

EXPENSE	DESCRIPTION	EXPENSE	AMOUNT
MATERIAL		MAT. \$	213.31
EQUIPMENT	MINI HOE--10	EQUIP. \$	325.00
EMPLOYEES	MB / EC	LABOR \$	283.00
LABOR HRS	12 / 6.5	TRAVEL \$	55.50
MISC EXP		MISC. \$.00
TOTAL \$			876.81

REMARKS: POSS. LEAK DIST SIDE

LEAK ON LINE ON AUGUSTA BERLIN RD

BRACKEN COUNTY WATER DISTRICT - Work Order 13329

ORDER NO: 13329

ITEM	DESCRIPTION	QTY	COST	TOTAL
125039	12" SDR 21 200#	1	9.02	9.02
123128	12" MJ SLEEVE	1	144.67	144.67
130506	12" TRANS ACC PACK	2	29.81	59.62

Updated By: PH On: 3/22/2011 Taken By:

BRACKEN COUNTY WATER DISTRICT - Work Order 14265

PO BOX 201
BROOKSVILLE KY 41004
606-735-3513

STANFORD R BOSTER OHIO TRUST
AUGUSTA BERLIN RD
AUGUSTA, KY 41002

ORDER NO: 14265
ACCOUNT: 100550
LOCATION: 07-00930
MID:
ORDER TYPE: 110-LEAK DIST

CLASS: BRACK

ISSUE DATE	BEGIN DATE	DATE CLOSED	PRINT DATE
9/14/2011	9/14/2011	10/14/2011	2/13/2012

Location Note: RR) BARN AUGUSTA BERLIN RD

OLD METER ID	OLD READING	NEW METER ID	NEW READING
08444994	587		

EXPENSE	DESCRIPTION	EXPENSE	AMOUNT
MATERIAL		MAT. \$	125.89
EQUIPMENT	MINI HOE--3	EQUIP. \$	97.50
EMPLOYEES	MC	LABOR \$	128.00
LABOR HRS	8	TRAVEL \$	24.00
MISC EXP		MISC. \$.00
TOTAL \$			375.39

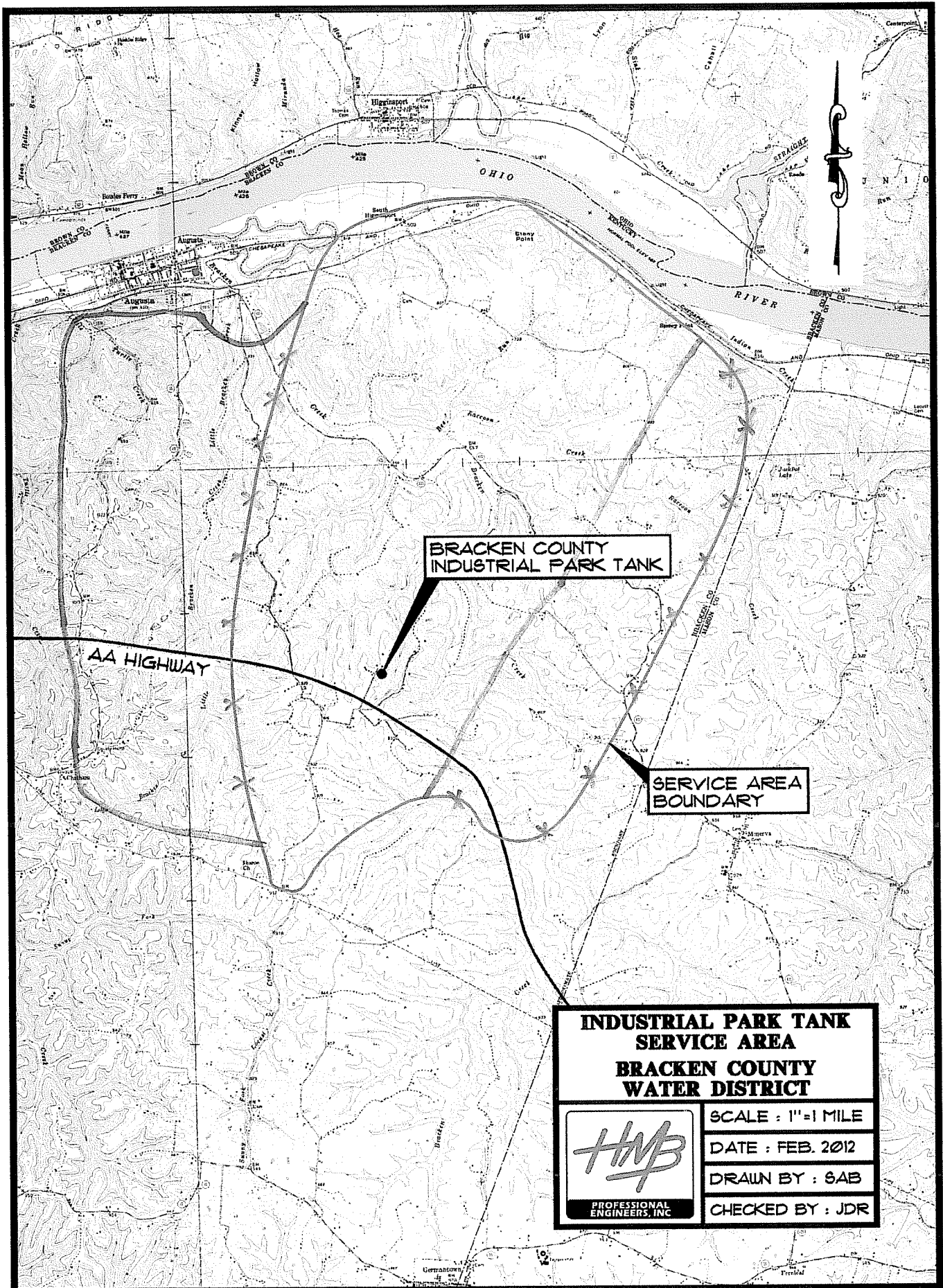
REMARKS: POSS. LEAK DIST SIDE

BRACKEN COUNTY WATER DISTRICT - Work Order 14265

ORDER NO: 14265

ITEM	DESCRIPTION	QTY	COST	TOTAL
115048	12" X 12" PVC FC CLAMP	1	125.89	125.89


Updated By: PH On: 10/20/2011 Taken By:



BRACKEN COUNTY
INDUSTRIAL PARK TANK

SERVICE AREA
BOUNDARY

AA HIGHWAY

INDUSTRIAL PARK TANK SERVICE AREA BRACKEN COUNTY WATER DISTRICT	
 PROFESSIONAL ENGINEERS, INC.	SCALE : 1" = 1 MILE
	DATE : FEB. 2012
	DRAWN BY : SAB
	CHECKED BY : JDR