COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF NORTHERN KENTUCKY WATER DISTRICT FOR APPROVAL OF THE RIPPLE CREEK WATER MAIN REPLACEMENT AND EXTENSION, ISSUANCE OF A CERTIFICATE OF CONVENIENCE AND NECESSITY AND APPROVAL OF FINANCING	))))))	CASE NO. 2013-00390

APPLICATION FOR APPROVAL OF CONSTRUCTION AND FINANCING

Northern Kentucky Water District (NKWD), by counsel, petitions for an order approving the replacement of a portion of main and the construction of an extension of the Ripple Creek water main as described below pursuant to KRS 278.020. Approval of the financing pursuant to KRS 278.300 is also requested.

In support of the application, the following information is provided:

1. NKWD's office address is 2835 Crescent Spring Rd., Erlanger, KY 41018-0640. Its principal officers are listed in its current Annual Report on page 6, which is filed with the Commission as are its prior years Reports and is incorporated by reference as Exhibit E. Its contact information is:

Jack Bragg, Vice President Finance & Support Services
2835 Crescent Spring Rd.
Erlanger, KY 41018-0640
859 578 9898 Ph.
859 578-3668 fax
JBragg@nkywater.org
www.nkywater.org

2. NKWD is a non-profit water district organized under Chapter 74 and has no separate articles of incorporation;

3. A description of NKWD's water system and its property stated at original cost by accounts is contained in its Annual Report, which is attached as Exhibit E.

4. NKWD serves retail customers in Kenton, Boone and Campbell Counties and sells water at wholesale to non-affiliated systems in Kenton, Boone, Pendleton and Campbell Counties.

5. NKWD proposes to replace and construct new facilities as described in Exhibit A, consisting of construction of 9,347 feet of 24" Class 200 Ductile Iron water main pipe with Cathodic Protection, 56 feet of 8 and 47 feet of 6" Class 50 Ductile Iron Water main pipe along the KY 547 (Riley Road) from AA Highway to Main Street in Alexandria, Campbell County, Kentucky. This water main project is a partial water main replacement project and a water main extension plus hydraulic improvement that will serve as a transmission main to help meet the projected long term growth that is anticipated with the construction of the new Eastern Regional Sanitation Plant and the lifting of the moratorium on new construction in this portion of the District's Campbell County Service Area. It will immediately allow service to three properties that adjoin the route.

Two paper copies of the Maps, Plans and Specifications are provided as a separate bound document. The estimated total project cost is $1,753,000.00. The District proposes to finance the project with funds from the District's 2009 and 2011 BANS, which have been converted to permanent financing - Bond 2009 (formerly BAN 2007) with a budget of $976,000 and Bond 2013 (formerly BAN 2011) with a budget of $777,000 funds the total project budget of $1,753,000. This project is referenced in the 2013 5-Year Capital Budget as PSC Ref No. 77h, Page 27, "KY 547 (Riley Road) from Main Street to AA Hwy/Nelson Road". The total project budget is $1,753,000 which includes construction cost, engineering, materials, and contingencies

. 6. The construction is in the public interest and is required to allow NKWD to continue to provide adequate service to its customers. The project, its cost, need and other details are contained in Exhibit A.

7. The total financing will be approximately $1,753,000.00. See Exhibits C and D. The District has received all approvals from the DOW for the Plans and Specifications and

funding for these improvements. Exhibit B.

8. Easements and rights of way are not required, see Exhibit B.

9. This service will not compete with any other utility in the area.

10. The proposed construction project identified in Exhibit A is scheduled to begin construction in upon PSC approval and substantially completed in 5 months, beginning in February, 2014 and completed in June, 2014. Board approval of the final bids for the project is included in Exhibit C. **Bids expire on January 15, 2014.**

11. No new franchises are required. A copy of the DOW letter approving the Plans and Specifications for the proposed improvements is attached as Exhibit B.

12. Construction descriptions are in Exhibit A and Bid Documents. Facts relied on to justify the public need are included in the project descriptions in Exhibit A.

13. Maps of the area showing location of the proposed facilities are in Exhibit A.

14. The construction costs will be funded by the 2009 and 2013 bonds.

15. Estimated operating costs for operation and maintenance, depreciation and debt service after construction are shown in Exhibit D.

16. A description of the facilities and operation of the system are in Exhibit A.

17. A full description of the route, location of the project, description of construction and related information is in Exhibit A.

18. The start date for construction is February, 2014. The proposed in-service date is June, 2014. The total estimated cost of construction at completion is referenced in Exhibits A, B and D.

19. CWIP at end of test year is listed in Exhibit E.

20. Plant retirements are listed in Exhibit B and E. No salvage values are included as booked.

21. The use of the funds and need for the facilities is justified based on a the engineering report included as Exhibit A

22. No rate adjustment is being proposed.

23. The following information is provided in response to 807 KAR 5:001 (8):

a. Articles of Incorporation – None. NKWD is a statutorily created water district under KRS Chapter 74;

24. The following information is supplied pursuant to 807 KAR 5:001(9):

a. Facts relied upon to show that the application is in the public interest: See Exhibit A.

25. The following information is provided as required by 807 KAR 5:001 (11):

a. A general description of the property is contained in the Annual Report, Exhibit E.

b. No stock is to be issued; No bonds are to be issued in this case;

c. There is no refunding or refinancing;

d. The proceeds of the financing are to construct the property described in Exhibit A

e. The par value, expenses, use of proceeds, interest rates and other information is not applicable because no bonds are being issued at this time.

26. The following exhibits are provided pursuant to 807 KAR 5:001 (11)(2):

a. There are no trust deeds. All notes, indebtedness and mortgages are included in Exhibits E and F.

b. Property is to be constructed is described in Exhibit A.

27. The following information is provided pursuant to 807 KAR 5:001(6):

a. No stock is authorized.

b. No stock is issued.

c. There are no stock preferences.

d. Mortgages are listed in Exhibit F.

e. Bonds are listed in Exhibit F.

f. Notes are listed in Exhibit F.

g. Other indebtedness is listed in Exhibit F.

h. No dividends have been paid.

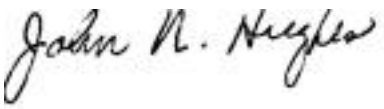
i. Current balance sheet, income statement and debt schedule are attached as Exhibits F and G.

28. USoA plant accounts are included in Exhibit D.

29. Depreciation cost, cost of operation after installation and debt service are in Exhibit D.

For these reasons, the District requests issuance of an order granting authority to construct and finance the facilities and for any other authorization that may be necessary.

SUBMITTED BY:



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Frankfort, KY 40601
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jnhughes@fewpb.net

Attorney for Northern
Kentucky Water District

LIST OF EXHIBITS

Section 8(1)	Full name and post office address of applicant and a reference to the particular provision of law requiring Commission approval.	Application
Section 8(2)	The original and 10 copies of the application with an additional copy for any party named therein as an interested party.	yes
Section 8(3)	If applicant is a corporation, a certified copy of the Articles of Incorporation and all amendments thereto	n/a

	or if the articles were filed with the PSC in a prior proceeding, a reference to the style and case number of the prior proceeding.	
Section 9(2)	1. The facts relied upon to show that the proposed new construction is or will be required by public convenience or necessity.	Exhibit A
	2. Copies of franchises or permits, if any, from the proper public authority for the proposed new construction or extension, if not previously filed with the commission.	Exhibit B
	3. A full description of the proposed location, route, or routes of the new construction or extension, including a description of the manner in which same will be constructed, and also the names of all public utilities, corporations, or persons with whom the proposed new construction or extension is likely to compete.	Exhibit A
	4. Three (3) maps to suitable scale (preferably not more than two (2) miles per inch) showing the location or route of the proposed new construction or extension, as well as the location to scale of any like facilities owned by others located anywhere within the map area with adequate identification as to the ownership of such other facilities.	Exhibit A
	5. The manner, in detail, in which it is proposed to finance the new construction or extension.	Exhibits A, D
	6. An estimated cost of operation after the proposed facilities are completed.	Exhibit D
KRS 322.340	Engineering plans, specifications, plats and report for the proposed construction. The engineering documents prepared by a registered engineer, requires that they be signed, sealed, and dated by an engineer registered in Kentucky.	Exhibit A

Section 8(1)	Full name and post office address of applicant and a reference to the particular provision of law requiring Commission approval.	Application
Section 8(2)	The original and 10 copies of the application with an additional copy for any party named therein as an interested party.	yes
Section 8(3)	If applicant is a corporation, a certified copy of the Articles of Incorporation and all amendments thereto or if the articles were filed with the PSC in a prior proceeding, a reference to the style and case number of the prior proceeding.	n/a
KRS 278.300(2)	Every financing application shall be made under oath, and shall be signed and filed on behalf of the utility by its president, or by a vice president, auditor, comptroller or other executive officer having knowledge of the matters set forth and duly designated by the utility.	Application
807 KAR 5:001:		
Section 11(1)(a)	Description of applicant's property.	
	Statement of original cost of applicant's property and the cost to the applicant, if different.	Exhibit E
Section 11(1)(b)	If stock is to be issued: and kinds to be issued.	none
	--Description of amount and kinds to be issued.	
	--If preferred stock, a description of the preferences.	none
	If Bonds or Notes or Other Indebtedness is proposed:	Exhibits E, F
	--Description of the amount(s)	
	--Full description of all terms	
	--Interest rates(s)	
	--Whether the debt is to be secured and if so a description of how it's secured.	
Section 11(1)(c)	Statement of how proceeds are to be used. Should show amounts for each type of use (i.e., property, debt refunding, etc.)	Exhibit A

807 KAR 5:001:		
Section 11(1)(d)	If proceeds are for property acquisition, give a full description thereof. Supply any contracts.	n/a
Section 11(1)(e)	If proceeds are to refund outstanding obligations, give:	n/a
	--Par value	
	--Amount for which actually sold	
	--Expenses and application of proceeds	
	--Date of obligations	
	--Total amount	
	--Time held	
	--Interest rate	
	--Payee	
Section 11(2)(a)	Financial Exhibit (see below)	
Section 11(2)(b)	Copies of all trust deeds or mortgages. If previously filed, state case number.	Exhibit E
Section 11(2)(c)	If Property to be acquired:	Exhibit A
	--Maps and plans of property.	
Section 11(2)(c)	--Detailed estimates by USOA account number.	Exhibit D

ALL INFORMATION BELOW IN SECTIONS 6(1) THROUGH 6(9) SHOULD COVER THE PERIOD ENDING NOT MORE THAN 90 DAYS PRIOR TO DATE ON WHICH APPLICATION WAS FILED:

807 KAR 5:001		
Section 6(1)	Amount and types of stock authorized.	None
Section 6(2)	Amount and types of stock issued and outstanding.	None
Section 6(3)	Detail of preference terms of preferred stock.	None
Section 6(4)	<u>Mortgages:</u>	Exhibit E,F
	--Date of Execution	
	--Name of Mortgagor	
	--Name of Mortgagee or Trustee	

	--Amount of Indebtedness Secured	
	--Sinking Fund Provisions	
Section 6(5)	Bonds	Exhibit E,F
	--Amount Authorized	
	--Amount Issued	
	--Name of Utility Who Issued	
	--Description of Each Class Issued	
	--Date of Issue	
	--Date of Maturity	
	--How Secured	
	--Interest Paid in Last Fiscal Year	
Section 6(6)	Notes Outstanding:	Exhibit E,F
	--Date of Issue	
	--Amount	
	--Maturity Date	
	--Rate of Interest	
	--In Whose Favor	
	--Interest Paid in Last Fiscal Year	
Section 6(7)	Other Indebtedness:	
	--Description of Each Class	
	--How Secured	
	--Description of Any Assumption of Indebtedness by Outside Party (i.e., any transfer)	

	--Interest Paid in Last Fiscal Yr.	none
Section 6(8)	Rate and amount of dividends paid during the five (5) previous fiscal years and the amount of capital stock on which dividends were paid each year.	None
Section 6(9)	Detailed income statement and balance sheet.	Exhibits F G

AFFIDAVIT

COMMONWEALTH OF KENTUCKY

COUNTY OF KENTON

Affiant, Jack Bragg, Jr., appearing personally before me a notary public for and of the Commonwealth of Kentucky and after being first sworn, deposes, states, acknowledges, affirms and declares that he is Vice President – Finance and Support Services, that he is authorized to submit this Application on behalf of Northern Kentucky Water District, and that the information contained in the Response is true and accurate to the best of his knowledge, information and belief, after a reasonable inquiry, and as to those matters that are based on information provided to him, he believes to be true and correct.

Jack Bragg, Jr.

This instrument was produced, signed, acknowledged and declared by Jack Bragg to be his act and deed the 5th day of Nov., 2013.

Notary Public

My Commission expires: 5-23-2016

NORTHERN KENTUCKY WATER DISTRICT
Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension
184-0146

TABLE OF CONTENTS

NORTHERN KENTUCKY
WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension
184-0146

Project Description:

Construction of 9,347 feet of 24" Class 200 Ductile Iron water main pipe with Cathodic Protection, 56 feet of 8 and 47 feet of 6" Class 50 Ductile Iron Water main pipe along the KY 547 (Riley Road) from AA Highway to Main Street in Alexandria, Campbell County, Kentucky

This water main project is a partial water main replacement project and a water main extension plus hydraulic improvement that will serve as a transmission main to help meet the projected growth that is anticipated with the construction of the new Eastern Regional Sanitation Plant and the lifting of the moratorium on new construction in this portion of the District's Campbell County Service Area.

Bids for this project were opened on October 17, 2013 and are subject to acceptance for 90 days. Therefore, the bids will expire on January 15, 2014

Case No. 2013-____
Exhibit ____A____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension

Campbell County
184-0146

ENGINEERING REPORTS AND INFORMATION

Project Map

Engineer's Opinion of Probable Total Construction Cost

System Hydraulic Model

Plans prepared by Cardinal Engineering titled "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension, Campbell County, Kentucky" dated October 1, 2013, sealed by a P.E.

Specifications prepared by Cardinal Engineering titled "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension, Campbell County, Kentucky" dated October 3, 2013, sealed by a P.E.

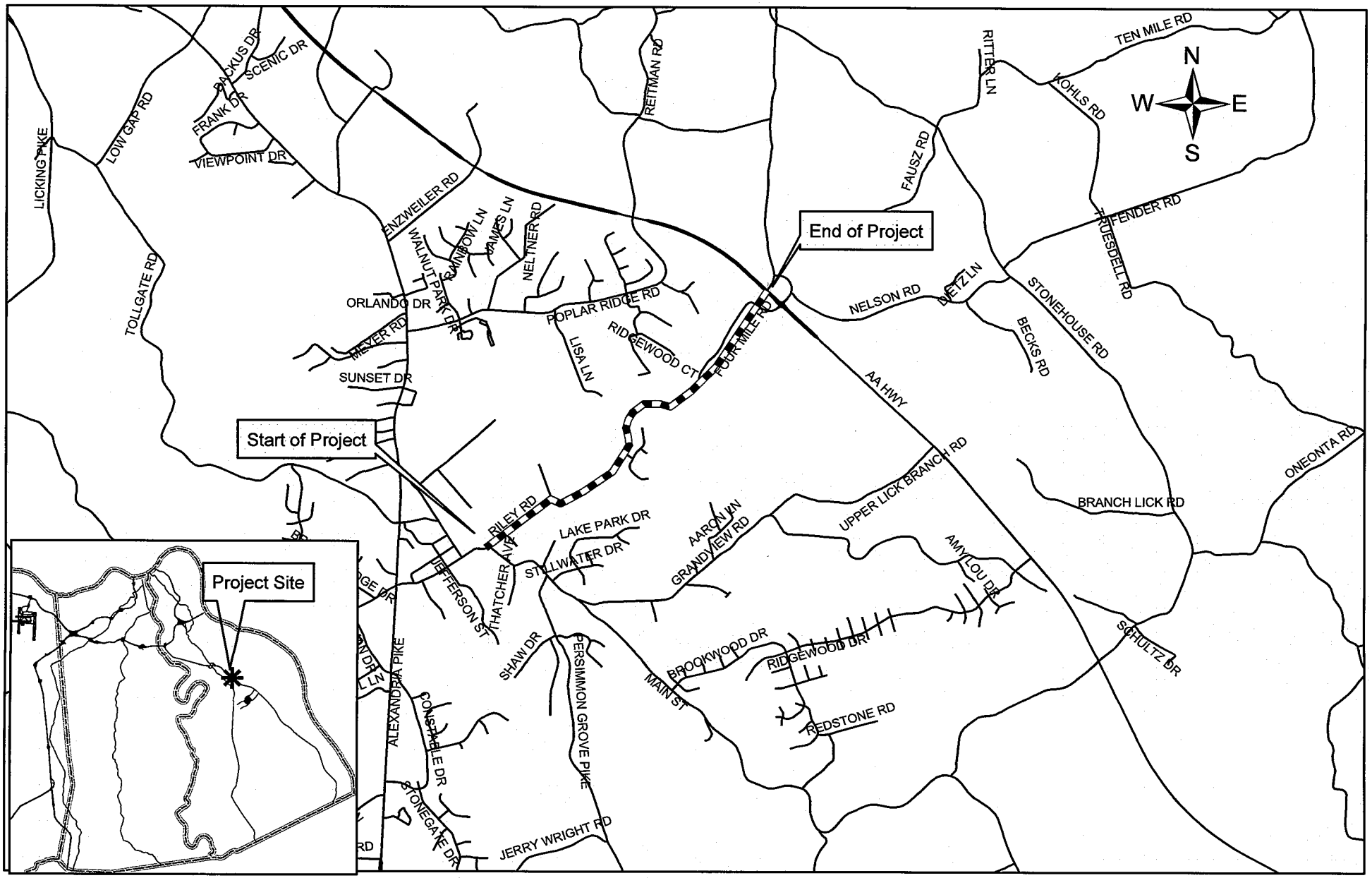
Case No. 2013-____
Exhibit ____A.1___

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Project Map



Ripple Creek Pump Station to Alexandria Tank Phase 5

Case No. 2013-____
Exhibit ____A.2___

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Engineer's Opinion Of Probable Construction Cost

Note: The bidder agrees to performa all the following work described in the specifications and shown on the plans, for the following prices:

Ripple Creek Pump Station to Main Street Tank WM Extension – Phase 5

Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost
1	6.01 CLASS 200 DUCTILE IRON PIPE *(24-inch including double bonding each joint – 4 cad welds, two jumpers).* (Detail 103, 103a, 104, 104a, 110)	LF	7786	$130.00	$1,012,180.00
2	6.02B CLASS 200 DUCTILE IRON PIPE *(24-inch including double bonding each joint – 4 cad welds, two jumpers)* – RESTRAINED JOINT. (Detail 103, 103a, 104, 104a, 110)	LF	1561	$160.00	$249,760.00
3	6.01 CLASS 50 DUCTILE IRON PIPE *(8-inch)* – (Detail 103, 103a, 104, 104a, 110)	LF	56	$90.00	$5,040.00
4	6.01 CLASS 50 DUCTILE IRON PIPE *(6-inch)* – (Detail 103, 103a, 104, 104a, 110)	LF	47	$70.00	$3,290.00
5	REMOVE				
6	6.04 CASING PIPE *(36-inch)*	LF	80	$575.00	$46,000.00
7	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(2-inch Main)*	EA	1	$2,200.00	$2,200.00
8	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(6-inch Main)*	EA	3	$2,400.00	$7,200.00
9	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(24-inch Main)*	EA	2	$3,500.00	$7,000.00
10	8.01 INSTALL FIRE HYDRANT ASSEMBLY	EA	8	$3,700.00	$29,600.00
11	8.03 REMOVE EX. FIRE HYDRANT ASSEMBLY	EA	4	$500.00	$2,000.00
12	9.01 DUCTILE IRON RESILIENT SEATED GATE VALVE *(6-inch)*	EA	1	$900.00	$900.00
13	9.01 DUCTILE IRON RESILIENT SEATED GATE VALVE *(8-inch)*	EA	2	$1,200.00	$2,400.00
14	9.02 DUCTILE IRON RESILIENT SEATED GATE VALVE WITH BEVELED GEARING *(24-inch)*	EA	5	$17,000.00	$85,000.00
15	10.02 REPLACE SERVICE LINE AND INSTALL WATER METER SETTING (1-1/2") (Service line materials provided by NKWD)	EA	31	$1,250.00	$38,750.00
16	11.01 CONCRETE ENCASEMENT	LF	20	$120.00	$2,400.00
17	11.02 4-INCH UNDERDRAIN	LF	137	$12.00	$1,644.00
18	11.04 PLUG AND BLOCK *(6-inch)*	EA	2	$500.00	$1,000.00

Note: The bidder agrees to performa all the following work described in the specifications and shown on the plans, for the following prices:

Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost
19	11.05 AIR RELEASE VALVE (ARV and service line materials provided by NKWD)	EA	1	$650.00	$650.00
20	11.06 ANCHORING TEE AND BLOCK *(6-inch x 6-inch x 6-inch)*	EA	1	$400.00	$400.00
21	11.06 ANCHORING TEE AND BLOCK *(24-inch x 24-inch x 6-inch)*	EA	9	$2,300.00	$20,700.00
22					
23	11.06 ANCHORING TEE AND BLOCK *(24-inch x 24-inch x 8-inch)*	EA	2	$2,300.00	$4,600.00
24	11.15 SLEEVE OUT EXISTING TEE	EA	1	$2,500.00	$2,500.00
24	11.16 CORROSION TEST STATION *(standard test station including all wiring, electrode, cadwelds, and test box per details and specifications)*	EA	13	$1,300.00	$16,900.00
25	11.17 MAGNESIUM ANODE *(Includes the labor, equipment and materials required to place mangnesium anodes and associated wiring per details and specifications)*	EA	102	$165.00	$16,830.00
26	11.18 END TREATMENT DETAIL (SHEET C-1.0)	EA	3	$1,500.00	$4,500.00
26	12.05 ASPHALTIC CONCRETE MILLING AND PAVING *(1.5-inch thick, Class 2)*	SY	750	$50.00	$37,500.00
27	12.07 ASPHALTIC CONCRETE – DRIVEWAY	SY	323	$40.00	$12,920.00
28	12.09 CONCRETE PAVEMENT – STREET	SY	111	$82.00	$9,102.00
29	12.10 CONCRETE PAVEMENT – DRIVEWAY	SY	21	$80.00	$1,680.00
30	12.12 CONCRETE SIDEWALK	SY	8	$70.00	$560.00
31	12.13 GRAVEL DRIVEWAY	SY	7	$25.00	$175.00
32	12.14 BEST MANAGEMENT PRACTICE	LS	1	$10,000.00	$10,000.00
33	12.15 ASPHALT CONCRETE BINDER *(3-inch thick, Class 3, 0.75E PG 64-22)*	SY	182	$22.00	$4,004.00
34	12.16 ASPHALT CONCRETE BASE *(6-inch thick, Class 3, 0.75E PG 64-22)*	SY	182	$80.00	$14,560.00
35	12.17 REMOVE AND INSTALL 15-INCH CMP	LF	90	$75.00	$6,750.00
36	12.18 GROUTED RIP RAP (KYTC Class II Channel Lining)	SY	270	$36.00	$9,720.00

Note: The bidder agrees to performa all the following work described in the specifications and shown on the plans, for the following prices:

Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost
37	12.19 REMOVE AND REINSTALL EXISTING CHAIN LINK FENCE	LF	50	$35.00	$1,750.00
38	12.20 REMOVE AND PROPERLY DISPOSE OF ABANDONED FORCE MAIN	LF	500	$15.00	$7,500.00
	TOTAL BASE BID				**$1,679,665.00**

Note: See section 01025 Measurement and Payment for bid form definitions
Bidder selection will be based upon the lowest "TOTAL BASE BID"

Case No. 2013-____
Exhibit ____A.3___

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

System Hydraulic Model

Northern Kentucky Water District

FIRE FLOW CERTIFICATION

Ripple Creek Pump Station to Main Street
24-Inch Water Main Extension
Phase V
Campbell County, KY
November 8, 2010

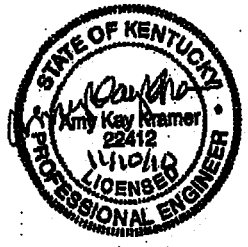
I certify that the proposed improvements meet the 807 KAR 5:066, Section 10b regulation for fire flow protection relating to KRS Chapter 278. I am certifying that "the system can provide a minimum fire flow of 250 gallons per minute; and the water system supporting this flow has the capability of providing this flow for a period of not less than two (2) hours plus consumption at the maximum daily rate". This certification is based on the information available and is not a guarantee of any precise results.

This certification is based on hydraulic modeling performed using InfoWater, the program available from MWHSoft. Supporting documentation and operating conditions are attached and are the basis for this certification.

It should be noted that input data used for modeling is based on available data. Results can change and are dependent on the demand conditions, which can vary at any given time. These values will impact the final results when adjusted. The certification is based on estimated conditions and contains many assumptions based on historical data.

With this certification, the Northern Kentucky Water District will permit the construction of fire hydrants within this development.

Fire flow analyses were made using a hydrant within the subdivision that would provide a representative result that should simulate the results at other hydrants within the system. Minor variations at different hydrants would still provide a flow rate that meets the minimum standard.



Northern Kentucky Water District

HYDRAULIC AND FLUSHING VELOCITY CERTIFICATION

Ripple Creek Pump Station to Main Street
24-Inch Water Main Extension
Phase V
Campbell County, KY
November 8, 2010

I certify that the proposed improvements will meet the American Water Works Association Standard C651 standard for flushing velocity in the main meeting 2.5 feet per second while maintaining at least 20 psi pressure in accordance with 401 KAR 8:100.

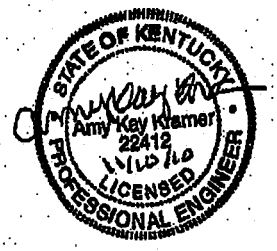
The maximum flow rate that can reliably be supplied to the main and meet 20 psi in the system under maximum hour conditions is 5,000 gpm. At least 30 psi can be maintained under the peak domestic demand for the 37 customers affected. The peak domestic demand using the D.R. Taylor formula for 37 customers is 60.8 gpm.

This certification is based on the information available and is not a guarantee of any precise results. Results are based on hydraulic modeling performed using InfoWater, the program available from MWHSoft. Supporting documentation and operating conditions are attached and are the basis for this certification.

It should be noted that input data used for modeling is based on available data. Results can change and are dependent on the demand conditions, which can vary at any given time. These values will impact the final results when adjusted. The certification is based on estimated conditions for maximum hour demand conditions and contains many assumptions based on historical data.

With this certification, the Northern Kentucky Water District will permit the construction of the proposed development.

The assumed Hazen-Williams roughness coefficient for all new pipe was 120, which is suitable for ductile iron or PVC. The water level in the Main Street Tank was one-half full.



Ripple Creek Pump Station to Main Street
24-Inch Water Main Extension
Phase V
Campbell County, Kentucky
Output from InfoWater model - copied to Excel
November 8th, 2010

Northern Kentucky Water District

Maximum Hour Run for Potential Customers

Maximum Hour Run, 37 affected Customers = 60.8 GPM				
ID	Demand, gpm	Elevation, ft	Grade, ft	Pressure, psi
J204	8.7	610	1008.9	172.9
7896	8.7	798	1008.1	91.0
7969	8.7	832	1007.6	76.1
7981	8.7	850	1007.6	68.3
8040	8.7	856	1007.3	65.6
8069	8.7	872	1007.2	58.6
J198	8.7	560	1009.4	194.7

Flushing Velocities Under Maximum Hour

*side street mains closed to get 2.5 fps

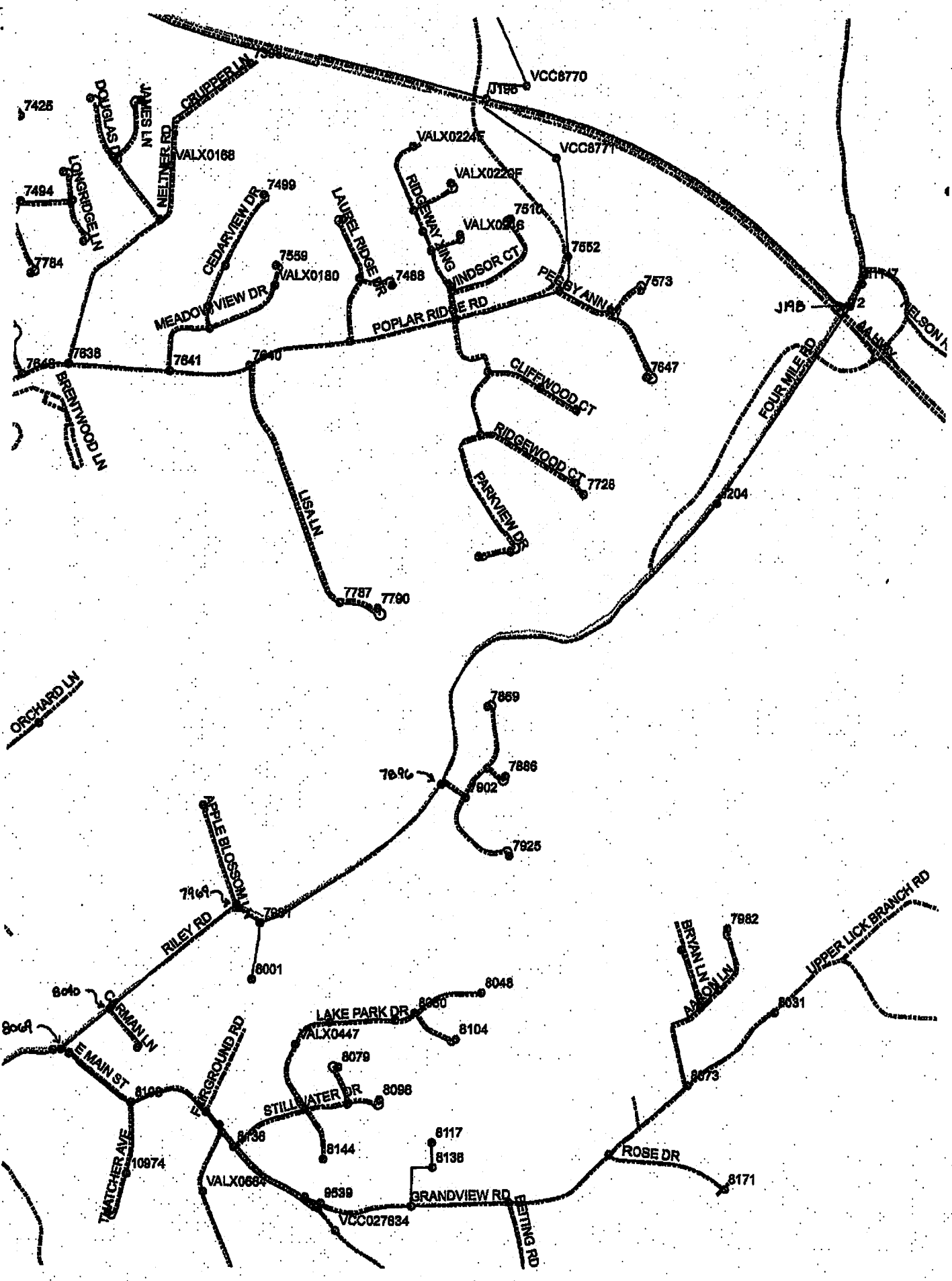
ID	Demand, gpm	Elevation, ft	Grade, ft	Pressure, psi
J204	8.7	610	979	160
7896	8.7	798	975	77
7969	8.7	832	973	61
7981	8.7	850	973	53
8040	8.7	856	971	50
8069	3525.0	872	971	43
J198	8.7	560	981	182

Pipe Information for flushing velocity at 2.5 fps for new 24" pipe					
Pipe ID	Length, ft	Diam, inch	Flow, gpm	Velocity, fps	Roughness
P341	1898	24	3568	2.5	120
P343	3573	24	3560	2.5	120
P345	1852	24	3551	2.5	120
P347	237	24	3542	2.5	120
P349	1319	24	3534	2.5	120
P351	507	24	3525	2.5	120

Maximum Available Flow Under Maximum Hour

Maximum Hour Run, Maximum Available Flow				
ID	Demand, gpm	Elevation, ft	Grade, ft	Pressure, psi
J204	8.7	610	1005.1	171.2
7896	8.7	798	1004.2	89.3
7969	8.7	832	1003.6	74.4
7981	8.7	850	1003.7	66.6
8040	8.7	856	1003.3	63.8
8069	5000.0	872	1003.1	56.8
J198	8.7	560	1005.6	193.1

Pipe ID	From Node	To Node
P341	J198	J204
P343	J204	7896
P345	7896	7981
P347	7981	7969
P349	7969	8040
P351	8040	8069


VCC6770
J196
7425
DOUGLAS DR
JAMES LN
CRUPPER LN
NELTNER RD
VALX0168
LONGRIDGE LN
7494
7784
7499
CEDARVIEW DR
MEADOW VIEW DR
7559
VALX0180
LAUREL RIDGE DR
7488
VALX0224F
RIDGEWAY RING
VALX0226F
VALX0228
7510
WINDSOR CT
VCC8771
7552
PEGGY ANN LN
7573
POPLAR RIDGE RD
7638
7641
7640
7647
CLIFFWOOD CT
RIDGEWOOD CT
7728
PARKVIEW DR
BRENTWOOD LN
LISA LN
7787
7790
FOUR MILE RD
7204
ORCHARD LN
7869
7886
902
7925
APPLE BLOSSOM LN
RILEY RD
8001
8048
LAKE PARK DR
8104
VALX0447
8079
8098
STILLWATER DR
8144
8117
8138
E MAIN ST
FAIRGROUND RD
THATCHER AVE
10974
VALX0664
9539
VCC027834
GRANDVIEW RD
BETTING RD
ROSE DR
8171
BRYAN LN
7982
AARON LN
8031
UPPER LICK BRANCH RD

Case No. 2012-____
Exhibit ___A.4&5___

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension

Campbell County
184-0146

Plans titled "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension, Campbell County, Kentucky" dated October 1, 2013, sealed by a P.E.

And

Specifications titled "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension, Campbell County, Kentucky" dated October 3, 2013, sealed by a P.E.

Northern Kentucky
Water District

The following items are enclosed separately from this volume in hard copy.

- Plans titled "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension, Campbell County, Kentucky" dated October 1, 2013, sealed by a P.E.

- Specifications titled "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension, Campbell County, Kentucky" dated October 3, 2013, sealed by a P.E.

2835 Crescent Springs Rd Erlanger, KY 41018 (859) 578-9898 Fax (859) 578-5456

Case No. 2013-____
Exhibit ____B____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

CERTIFIED STATEMENTS

Affidavit

Franchises

Plan Review and Permit Status

Easements and Right-of-Way Status

Construction Dates and Proposed Date In Service

Plant Retirements

Case No. 2013-____
Exhibit ____B.1___

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Affidavit

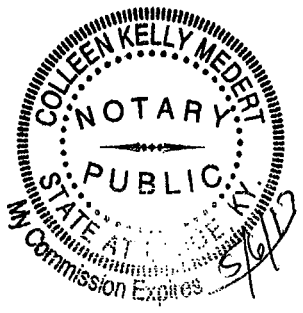
AFFIDAVIT
Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension Project

Affiant, Jack Bragg, Jr., being the first duly sworn, deposes and says that he is the Vice President of Finance of the Northern Kentucky Water District, which he is the Applicant in the proceeding styled above; that he has read the foregoing "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension Project" Application and knows the contents thereof, and that the same is true of his own knowledge, except as to matters which are therein stated on information or belief, and that is to those matters he believes them to be true.

Jack Bragg, Jr.
Vice President - Finance
Northern Kentucky Water District

Subscribed and sworn to before me in said County to be his act and deed by Jack Bragg, Jr., Vice President of Finance of the Northern Kentucky Water District, this 30th day of October 2013.

NOTARY PUBLIC
Kenton County, Kentucky
My commission expires 5/6/17



Case No. 2013-____
Exhibit B.2,3,4,5,&6

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Franchises

Plan Review and Permit Status

Easements and Right-of-Way Status

Construction Dates and Proposed Date In Service

Plant Retirements

Franchises required – None

Plan Review and Permit Status - The District has reviewed and approved the plans and specifications prepared by Cardinal Engineering titled "Ripple Creek Pump Station to Alexandria Tank Phase 5 24-inch Water Main Replacement/Extension, Campbell County, Kentucky" dated October 1, 2013, sealed by a P.E.

The District received approval from the Division of Water on July 11, 2012 (see attached letter).

Easements and Right-of-Way Status - Easements for the project (four) have been secured and all right-of-way statements have been submitted (permits attached).

Start date of construction – February 2014

Proposed date in service – June 2014

Plant retirements – There are no retirements as a result of this project.

Case No. 2013-____
Exhibit ____B.3 & 4

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

PLAN REVIEW AND PERMIT STATUS

Approval Letter from Kentucky Division of Water

Approval Letter from Kentucky Department of Transportation

STEVEN L. BESHEAR
GOVERNOR

LEONARD K. PETERS
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE, 4TH FLOOR
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

July 11, 2012

Mr. Brandon L Kuper
Northern KY Water Service
2835 Crescent Springs Rd
Erlanger, KY 41018

184-146

RE: Northern KY Water Service
AI # 2485, APE20120004
PWSID # 0590220-12-004
Ripple Creek Pump to Main Street
24-Inch Water Main Extension
Campbell County, KY

Dear Mr. Kuper:

We have reviewed the plans and specifications for the above referenced project. The plans include the construction of approximately 9300 LF of 24-inch DI. This is to advise that plans and specifications for the above referenced project are APPROVED with respect to sanitary features of design, as of this date with the requirements contained in the attached construction permit.

If you have any questions concerning this project, please contact Mr. Mortaza Tabayeh at 502-564-8158 x4826.

Sincerely,

Mark Rasche

Mark Rasche, P.E.
Supervisor, Engineering Section
Water Infrastructure Branch
Division of Water

MR: MT

Enclosures
C: Kevin Hanson, P.E.
Northern Kentucky District (Campbell County) Health Department
Public Service Commission

Distribution-Water Line Extension

Northern KY Water Service

Facility Requirements

Activity ID No.: APE20120004

GACT0000000218 (Ripple Creek Pump Station to Main St. 24-inch WME) 9300 LF of 24-inch DI.:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Coliform	The presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or relocated water line(s). Take samples at connection points to existing lines, at 1 mile intervals, and at dead ends without omitting any branch of the new or relocated water line. Sample bottles shall be clearly identified as "special" construction tests. [401 KAR 8:100 Section 1(7), 401 KAR 8:150 Section 4, Recommended Standards for Water Works 8.5.6] This requirement is applicable during the following months: All Year. Statistical basis: Instantaneous determination.

Submittal/Action Requirements:

Coliform:

Condition No.	Condition
S-1	Coliform For new construction projects, the distribution system, using the most expedient method, shall submit Coliform test results to the Cabinet: Due immediately following disinfection and flushing. [401 KAR 8:150 Section 4(2)]

Condition No.	Condition
S-2	For proposed changes to the approved plan, submit information: Due prior to any modification to the Cabinet for approval. Changes to the approved plan shall not be implemented without the prior written approval of the Cabinet. [401 KAR 8:100 Section 1(8)]
S-3	The person who presented the plans shall submit the professional engineer's certification: Due when construction is complete to the Division of Water. The certification shall be signed by a registered professional engineer and state that the water project has been constructed and tested in accordance with the approved plans, specifications, and requirements. [401 KAR 8:100 Section 1(8)]

GACT0000000218 (continued):

Narrative Requirements:

Additional Limitations:

Condition No.	Condition
T-1	Additional Limitations: Chlorinated water resulting from disinfection of project components shall be disposed in a manner which will not violate 401 KAR 5:031. [401 KAR 8:020 Section 2(20)]

Condition No.	Condition
T-2	This project has been permitted under the provisions of KRS Chapter 224 and regulations promulgated pursuant thereto. Issuance of this permit does not relieve the applicant from the responsibility of obtaining any other approvals, permits or licenses required by this Cabinet and other state, federal and local agencies. Further, this permit does not address the authority of the permittee to provide service to the area to be served. [401 KAR 8:100 Section 1(7)]
T-3	Unless construction of this project is begun within 2 years from the issuance date of this permit, the permit shall expire. If this permit expires, the original plans and specifications may be resubmitted for a new comprehensive review. If you have any questions concerning this project, please contact the Drinking Water Branch at 502/564-3410. [401 KAR 8:100 Section 1(9)]
T-4	Final approval of facility. Upon completion of construction, the person who presented the plans shall certify in writing that the project has been completed in accordance with the "approved" plans and specifications. The public water supply shall operate the facility consistent with the approved plans and specifications. Any proposed change to the approved plan shall be submitted to the cabinet for approval. The public water supply shall not implement any change to the approved plan without the prior written approval of the cabinet. [401 KAR 8:100 Section 401 KAR 8:100(1)(8)]
T-5	During construction, a set of approved plans and specification shall be available at the job site at all times. All work shall be performed in accordance with the approved plans and specifications. [401 KAR 8:100 Section 1(7)(a)]

PORT0000000220 (WLE) 9300 LF of 24-inch DI.:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Depth	A continuous and uniform bedding shall be provided in the trench for all buried pipe. Backfill material shall be tamped in layers around the pipe and to a sufficient height above the pipe to adequately support and protect the pipe. Stones found in the trench shall be removed for a Depth >= 6 in below the bottom of the pipe. [Recommended Standards for Water Works 8.5.2] This requirement is applicable during the following months: All Year. Statistical basis: Not applicable.
L-2	Depth	All water lines shall be covered to a Depth >= 30 in to prevent freezing. [Recommended Standards for Water Works 8.5.3, 401 KAR 8:100 Section 1(7)] This requirement is applicable during the following months: All Year. Statistical basis: Minimum.
L-3	Diameter	All new and existing water lines serving fire hydrants or where fire protection is provided shall have Diameter >= 6 in. [Recommended Standards for Water Works 8.1.2] This requirement is applicable during the following months: All Year. Statistical basis: Minimum.
L-4	Distance	Water lines shall have a sufficient quantity of valves so that inconvenience and sanitary hazards will be minimized during repairs. A valve spacing Distance <= 800 feet should be utilized in non-commercial districts. Alternatively, non-commercial districts should utilize a valve spacing Distance <= 1 block. Commercial districts should utilize a valve spacing Distance < or = 500 ft. [Recommended Standards for Water Works 8.2] This requirement is applicable during the following months: All Year. Statistical basis: Not applicable.
L-5	Distance	Hydrant drains shall not be connected to sanitary sewers or storm drains and shall be located a Distance > 10 ft from sanitary sewers and storm drains. [Recommended Standards for Water Works 8.3.4] This requirement is applicable during the following months: All Year. Statistical basis: Not applicable.
L-6	Distance	Except when not practical, water lines shall be laid a horizontal Distance >= 10 ft from any existing or proposed sewer.. The distance shall be measured edge to edge. In cases where it is not practical to maintain a 10 foot separation, water lines may be installed closer to a sewer provided that the water lines shall be laid in a separate trench or on an undisturbed shelf located on one side of the sewer at such an elevation that the bottom of the water line is at least 18 inches above the top of the sewer. [Recommended Standards for Water Works 8.6.2] This requirement is applicable during the following months: All Year. Statistical basis: Not applicable.

PORT0000000220 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-7	Distance	When water lines and sewers cross, 1) water lines shall be laid such that either a) the the top of the water line is a vertical Distance >= 18 in below the bottom of the sewer line or b) the bottom of the water line is a vertical Distance >= 18 in above the top of the sewer line, 2) 1 full length of the water pipe shall be located so that both joints of the water pipe will be as far from the sewer as possible, and 3) special structural support for the water and sewer pipes may be required. [Recommended Standards for Water Works 8.6.3] This requirement is applicable during the following months: All Year. Statistical basis: Not applicable.
L-8	Distance	The open end of an air relief pipe from automatic valves shall be extended a Distance >= 1.0 ft above grade and provided with a screened, downward-facing elbow. The pipe from a manually operated valve shall be extended to the top of the pit. Use of manual air relief valves is recommended wherever possible. [Recommended Standards for Water Works 8.4.2] This requirement is applicable during the following months: All Year. Statistical basis: Not applicable.
L-9	Pressure	Pipes shall not be installed unless all points of the distribution system remain designed for ground level Pressure >= 20 psi under all conditions of flow. [Recommended Standards for Water Works 8.1.1] This requirement is applicable during the following months: All Year. Statistical basis: Minimum.
L-10	Pressure	Pressure >= 30 psi must be available on the discharge side of all meters. [401 KAR 8:100 Section 4(2)] This requirement is applicable during the following months: All Year. Statistical basis: Instantaneous determination.
L-11	Residual Disinfection	New or relocated water lines shall be thoroughly disinfected (in accordance with AWWA Standard C651) upon completion of construction and before being placed into service. To disinfect the new or relocated lines use chlorine or chlorine compounds in such amounts as to produce an initial disinfectant concentration of at least 50 ppm and a Residual Disinfection >= 25 ppm at the end of 24 hours. Follow the line disinfection with thorough flushing and place the lines into service if, and only if, Coliform monitoring applicable to the line does not show the presence of Coliform. If Coliform is detected, repeat flushing of the line and Coliform monitoring. If Coliform is still detected, repeat disinfection and flushing as if the line has never been disinfected. Continue the described process until monitoring does not show the presence of Coliform. [401 KAR 8:150 Section 4(1), Recommended Standards for Water Works 8.5.6] This requirement is applicable during the following months: All Year. Statistical basis: Minimum.

PORT0000000220 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-12	Velocity	Each blow-off or fire hydrant shall be sized so that Velocity >= 2.5 ft/sec can be achieved in the water main served by the blow-off or hydrant during flushing. [Recommended Standards for Water Works 8.1.6.b, 401 KAR 8:100 Section 1(7)] This requirement is applicable during the following months: All Year. Statistical basis: Minimum.

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	leaks	The presence or absence of leaks monitored by physical testing as needed shall be determined in all types of installed pipe. Pressure testing and leakage testing shall be in accordance with the latest edition of AWWA Standard C600. [Recommended Standards for Water Works 8.5.5] This requirement is applicable during the following months: All Year. Statistical basis: Instantaneous determination.

Narrative Requirements:

Asbestos (Friable):

Condition No.	Condition
T-1	Asbestos (Friable): If the existing water line to be tapped is asbestos concrete, then the contractor shall conform to OSHA regulations governing the handling of hazardous waste during the process of tapping the asbestos concrete line. Pieces of asbestos concrete resulting from the tap shall be double bagged, placed in a rigid container and disposed of in an approved landfill. [401 KAR 8:100 Section 1(7)]

PORT0000000220 (continued):

Narrative Requirements:

Additional Limitations:

Condition No.	Condition
T-2	Additional Limitations: Water line installation shall be in accordance with AWWA standards or manufacturer recommendations. [Recommended Standards for Water Works 8.5.1]
T-3	Additional Limitations: Pipes, fittings, valves and fire hydrants shall conform to the latest standards issued by the AWWA or NSF (if such standards exist). PVC and PE piping used must be certified to ANSI/NSF Standard 61. [Recommended Standards for Water Works 8.0.1]
T-4	Additional Limitations: At high points in water lines, where air can accumulate, provisions shall be made to remove the air by means of hydrants or air relief valves. Automatic air relief valves shall not be used in situations where manhole or chamber flooding may occur. [Recommended Standards for Water Works 8.4.1]
T-5	Additional Limitations: All tees, bends, plugs and hydrants shall be provided with reaction blocking, tie rods or joints designed to prevent movement. [Recommended Standards for Water Works 8.5.4]
T-6	Additional Limitations: A fire hydrant or blow-off shall be required at the end of each dead end line. [Recommended Standards for Water Works 8.1.6]
T-7	Additional Limitations: For each fire hydrant, auxiliary valves shall be installed in the hydrant lead pipe. [Recommended Standards for Water Works 8.3.3]
T-8	Additional Limitations: No flushing device, blow-off, or air relief valve shall be directly connected to any sewer. Chambers, pits or manholes containing valves, blow-offs, meters, or other such appurtenances shall not be directly connected to any storm drain or sanitary sewer. Such chambers, pits or manholes shall be drained to absorptions pits underground or to the surface of the ground where they are not subject to flooding by surface water. [Recommended Standards for Water Works 8.1.6, Recommended Standards for Water Works 8.4.3]
T-9	Additional Limitations: If water lines are installed or replaced in areas of organic contamination or in areas within 200 ft of underground or petroleum storage tanks, ductile iron or other nonpermeable materials shall be used in all portions of the water line installation or replacement. [401 KAR 8:100 Section 1(5)(d)6, Recommended Standards for Water Works 8.0.2]

PORT0000000220 (continued):

Narrative Requirements:

Additional Limitations:

Condition No.	Condition
T-10	Additional Limitations: No water pipe shall pass through or come in contact with any part of a sewer manhole. [Recommended Standards for Water Works 8.6.6]
T-11	Additional Limitations: If a fire sprinkler system is to be installed, a double check detector assembly approved for backflow prevention shall be utilized. The double check detector assembly of the system shall be accessible for testing. [401 KAR 8:100 Section 1(7)]
T-12	Additional Limitations: If water lines cross a stream or wetland, the provisions in the attached Water Quality Certification shall apply. If you have any questions please contact the Water Quality Certification Supervisor of the Water Quality Branch at (502) 564-2225. [401 KAR 8:100 Section 1(7)]

Subfluvial Pipe Crossings:

Condition No.	Condition
T-13	Subfluvial Pipe Crossings: For subfluvial pipe crossings, a floodplain construction permit will not be required pursuant to KRS 151.250 if the following requirements of 401 KAR 4:050 Section 2 are met. 1) No material may be placed in the stream or in the flood plain of the stream to form construction pads, coffer dams, access roads, etc. during construction of pipe crossings. 2) Crossing trenches shall be backfilled as closely as possible to the original contour. 3) All excess material resulting from construction displacement in a crossing trench shall be disposed of outside the flood plain. 4) For erodible channels, there shall be at least 30 inches of backfill on top of all pipe or conduit points in the crossing. 5) For nonerodible channels, pipes or conduits in the crossing shall be encased on all sides by at least 6 inches of concrete with all pipe or conduit points in the crossing at least 6 inches below the original contour of the channel. [401 KAR 8:100 Section 1(7)]

PORT0000000220 (continued):

Narrative Requirements:

Subfluvial Pipe Crossings:

Condition No.	Condition
T-14	Subfluvial Pipe Crossings: For subfluvial pipe crossings greater than 15 feet in width, 1) the pipe shall be of special construction, having flexible, restrained, or welded watertight joints, and 2) valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair. Valves shall a) be easily accessible, b) not be subject to flooding, and c) if closest to the supply source, be in a manhole with permanent taps made on each side of the valve to allow insertion of a small meter to determine leakage and for sampling purposes. [Recommended Standards for Water Works 8.7.2]

TRANSPORTATION CABINET

Steven L. Beshear
Governor

Department of Highways District 6 Office
421 Buttermilk Pike
Covington, KY 41017
(859) 341-2700

Michael W. Hancock, P.E.
Secretary

April 13, 2012

SUBJECT: Campbell County, MP-19-547-0
KY 547 (RILEY ROAD)
Permit Number 06-0177-12

Dear NORTHERN KENTUCKY WATER SERVICE DISTRICT:

Your application for an encroachment permit has been approved by the Department of Highways. We are returning two copies of the approved permit so one may be kept in your record files. The other copy must be given to the party responsible for completing the project and must be kept at the jobsite at all times.

Please see that the work is done in strict conformity with the permit and any other applicable conditions (See Form TC99-21 and any other attached documents, conditions or specifications). The work should be completed no later than January 1, 2013. When the permitted work and any necessary restoration have been completed please notify this office by using the attached form which will serve as notification for final inspection.

If there are any questions regarding this permit, please do not hesitate to contact James Minckley at 859-341-2700 or fax number 859-341-6729.

Sincerely,

Robert Hans, P.E.
Chief District Engineer
Department of Highways
District 6 -Covington
421 Buttermilk Pike
Covington, KY 41017

NOTICE OF COMPLETION OF ENCROACHMENT PERMIT WORK

Please return this form to the District Office when work is completed and ready for final inspection.

Applicant Identification	Project Identification
Name: NORTHERN KENTUCKY WATER SERVICE	Permit Number: 06-0177-12
Contact Person:	County: Campbell
Address: P.O. BOX 17010	Route Number: 547
City: COVINGTON	Road Name: RILEY ROAD
State: KY Zip: 41017	Milepoint: 0
Telephone: 606-331-3066	

I wish to notify the Department of Highways that the above mentioned permit work and any necessary right of way restoration have been completed and are ready for final inspection.

Applicant

Please Return To: Department of Highways
District 6 Covington
421 Buttermilk Pike
Covington, Ky. 41017

Attention: James Minckley

KENTUCKY TRANSPORTATION CABINET
Department of Highways
Permits Branch

TC 99-1E
Rev.
02/2010

Released Date _____

ENCROACHMENT PERMIT

PERMIT NO. 06-0177-12

APPLICANT IDENTIFICATION:

NAME: Northern Kentucky Water District
CONTACT PERSON: Steve Broering
ADDRESS: 2835 Crescent Springs Road
CITY: Erlanger
STATE: KY ZIP CODE: 41018
PHONE: area code (859) 426-2728

PROJECT IDENTIFICATION:

ACCESS CONTROL: ■ By Permit ☐ Partial ☐ Full
COUNTY: Campbell PRIORITY ROUTE NO: KY 547
MILEPOINT: * ☐ Left ☒ Right ☒ X-ing
PROJECT STATUS: ☒ Maint. ☐ Const. ☐ Design
PROJECT # STATE: mp-019-0547
PROJECT # FEDERAL: _____
ROAD/STREET NAME: Riley Road

TYPE OF ENCROACHMENT:

☐ COMMERCIAL ENTRANCE - BUSINESS* _____
☐ PRIVATE ENTRANCE: ☐ Single Family ☐ Farm
■ UTILITY: ☐ Overhead ■ Underground
☐ GRADE: ☐ Fill ☐ Landscape on R/W
☐ AIRSPACE: ☐ Agreement ☐ Lease
☐ C & R Sign(s)
☐ TODS
☐ LOGOS
☐ OTHER: (Specify)

*Electronic PDF file required of final plans and specifications

ATTACHMENTS:

☐ Standard Drawings (List on TC 99-21 under Misc.)
■ Applicant's Plans
☐ Highway Plan and Profile Sheets
☐ TC 99-3 (Ponding Encroachment Specs. and Conditions)
☐ TC 99-4 (Rest Area Usage Specs. and Conditions)
☐ TC 99-5 (Tree Cutting/Trimming Specs. and Conditions)
☐ TC 99-6 (Chemical Use of Specs. and Conditions)
☒ TC 99-10 (Typical Highway Boring Crossing Detail)
☐ TC 99-12 (Overhead Utility Encroachment Diagram)
☒ TC 99-13 (Surface Restoration Methods)
☒ TC 99-21 (Encroachment Permit General Notes and Specs.)
☐ TC 99-22 (Agreement for Services to Be Performed)
☐ TC 99-23 (Mass Transit Shelter Specs. and Conditions)
☐ TC 99-201 (Tourist Signage Program Application)
☐ TC 99-202 (Temporary Agritourism Site Application)
☐ TC 99-203 (Attraction Eligibility Information)
☐ TC 99-204 (Signing Incentive Program Application)
☐ Other Attachments (Specify):

TYPE OF INDEMNITY: ☐ Bond ☐ Cash
☒ SELF-INSURED-AMOUNT ENCUMBERED $ 50,000
☐ OTHER _____

NAME AND ADDRESS OF LOCAL INSURANCE AGENCY OR SELF-INSURED REPRESENTATIVE:

APPROVED
APPROVED APR 13 2012

INDEMNITY: The applicant, in order to secure this obligation, has deposited with the Transportation Cabinet as a guaranties of conformance with the Department's Encroachment Permit requirements, an indemnity in the amount of $ _____ as determined by the Department. It shall be the responsibility of the applicant or permitee, his heirs and assignees to keep all indemnities in full force until construction or reconstruction has been completed and duly accepted by an authorized agent of the Transportation Cabinet, Department of Highways.

BRIEF DESCRIPTION OF WORK TO BE DONE.

New Construction - Ripple Creek Pump to Alexandria Tank Phase 5 - Water Main replacement/Water Main extension - installation of 9,321 feet of 24" Class 200 Ductile Iron water pipe from the intersection of KY 10 and KY 547 to KY 9. Restoration will be mill and pave or topsoil.

Applicant certifies project area ■ does ☐ does not exceed one acre. Projects disturbing more than one acre require a KPDES KYR 10 permit.

*mp-0.00-1.804

184-0146

IMPORTANT (PLEASE READ): Applicant ☐ does ■ does not intend to apply for excess R/W.

When the work is completed in accordance with the terms of this encroachment permit, your indemnity will be released. However, the permit is effective until revoked by the Transportation Cabinet and the terms on the permit accompanying permit documents and drawings remain in effect as long as the encroachment exists. **FUTURE MAINTENANCE OF THE ENCROACHMENT IS THE RESPONSIBILITY OF THE PERMITEE.** It is important that you understand the requirements of this encroachment permit application and accompanying documents. If you have not done so, it is suggested that you review these documents and place the permit package in a safe place for future reference.

A copy of this permit and all documents shall be given to your contractor and shall be readily available at the work site for the encroachment permit inspector to review at all times. Failure to meet this requirement may result in cancellation of this permit.

IN THE EVENT THIS APPLICATION IS APPROVED, THIS DOCUMENT SHALL CONSTITUTE A PERMIT FOR THE APPLICANT TO USE THE RIGHT-OF-WAY, BUT ONLY IN THE MANNER AUTHORIZED BY THIS DOCUMENT AND REGULATIONS OF THE DEPARTMENT AND THE DRAWINGS, PLANS, ATTACHMENTS, AND OTHER PERTINENT DATA ATTACHED HERETO AND MADE A PART HEREOF.

The permittee agrees to the following terms and conditions:

Permit No. 06-0177-12

1. The permittee shall comply with and is bound by the requirements of the Department's Permits Manual as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.

2. Permittee agrees that if the Department determines that vehicular capacity deficiencies or over capacity conditions develop as a result of the installation and use of this facility, the permittee shall adjust, relocate, or reconstruct the facilities and/or provide and bear the expenses for signs, auxiliary lanes, or other corrective measures reasonably deemed necessary by the Department and as set forth in the Department's Permits Manual within a reasonable length of time after receipt of written notice regarding such adjustments, relocation, additions, modifications, or corrective measures, such time to be specified in the notice. In cases where traffic signals are permitted or required, as determined by the Department, the costs for signal equipment and installation(s) shall be borne by the permittee and/or the Department in accordance with Department policy then in force as set forth in the Traffic Operations Manual. Any modifications to the permittee's entrance necessary to accommodate signalization (including necessary easement(s) on private property) shall be the responsibility of the permittee, at no expense to the Department. (This applies only to Entrance Permits.)

3. The said encroachment will not infringe on the frontage rights of an abutting owner without written consent of the said owner as hereto: "I(we) consent to the granting of attached permit." _____

Date _____ (This does not apply to utilities which serve the general public.)

4. Any permit granted hereunder shall be with the full understanding that it shall not interfere with any similar rights or permits heretofore granted to any other party except as otherwise provided by law.

5. A plan prepared by Cardinal Engineering and dated 3/14/2012 is attached hereto and made a part hereof, which describes the facilities to be constructed by the permittee for which facilities this permit is granted. The permittee agrees as a condition to the issuance of the permit to construct and maintain such facilities in accordance with said plan, and the permittee shall not use the facilities authorized herein in any manner contrary to that prescribed by this permit and plan. Normal usage and routine maintenance only are authorized under this permit.

6. Permittee shall comply with the Manual on Uniform Traffic Control Devices as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.

7. Permittee shall at all times from date when work is first commenced and until such time as all facilities are removed from the right-of-way premise, defend, protect, and save harmless the Department from all liability, claims, and demands arising out of work undertaken by the permittee pursuant to this permit, due to any negligent act or omission by the permittee, its servants, agents, employees, or contractors. This provision shall not inure to the benefit of any third party or operate to enlarge any liability of the Department beyond that existing at common law if this right to indemnity did not exist.

8. Upon a violation of any of the provisions of this permit, the Department may revoke the permit by giving notice to the permittee in writing to remove from the right-of-way any facilities placed thereon within a reasonable time as set forth in the notice, and in the event said facilities are not so removed, and the right-of-way restored the Department may cause same to be removed, and the costs thereof shall be charged to the permittee.

9. The permittee, his successors and assigns shall use the encroachment premises in compliance with all Federal requirements imposed pursuant to the provisions of the Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000-1) and regulations of the U.S. Department of Transportation as set forth in Title 49 C.F.R., Part 21, and as said regulations may be amended.

10. Permittee agrees that in the event it should become necessary, as may be reasonably determined by the Department, for the facilities covered by this permit to be removed or relocated in connection with the reconstruction, relocation, or improvement of the abutting highway, the Department may revoke this permit and require removal or relocation by the permittee at his own expense according and pursuant to the procedures provided in Paragraph 8 above except in those cases where the Department is required by law to pay any or all the same.

11. The permittee understands and agrees that this permit is personal to the permittee and shall not inure to his successors and assigns without the written approval of the Department that he is bound by the provisions of this permit as long as the encroachment exists unless a written release has been obtained from the Department. (Does not apply to utilities serving the general public.)

12. If the work authorized by this permit is on a project in the construction phase, it shall be the responsibility of the permittee to make personal contact with _____ Resident Engineer on the project to coordinate the permitted work with the State's prime contractor on the project.

13. This permit does not alleviate any requirements of any other government agency.

14. Permittee agrees to keep the priority route in which this permit was issued clear of dirt, mud, and debris during construction and for the life of this permit.

ANY ATTEMPT TO ALTER THIS FORM CONSITUTES A VOID PERMIT.

THE UNDERSIGNED APPLICANT (being duly authorized representative/owner) DOES AGREE TO ALL TERMS AND CONDITIONS SET FORTH HEREIN.

■ January 1st, 2013 ☐ July 1st, 20	3/26/2012	Steve Brown
Completion Date	Date	Signature

RECOMMENDED FOR APPROVAL

TEBM - ENG. Support			4/13/12
Title	Signature	Chief District Engineer	Date

PRIVATE ENTRANCE: TO BE COMPLETED BY PERSONNEL INSTALLING FACILITY.

Installed By _____			
Title	Signature		Date

ANY ATTEMPT TO ALTER THIS FORM CONSITUTES A VOID PERMIT.

ANY ATTEMPT TO ALTER THIS FORM CONSTITUTES A VOID PERMIT.

ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

Permit No. 06-0177-12

I. SAFETY

A. General Provisions

☒ All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition, Part VI, and safety requirements shall comply with the Permits Manual.

☒ All work necessary in shoulder or ditch line areas of a state highway shall be scheduled to be promptly completed so that hazards adjacent to the traveled way are kept to an absolute minimum.

☒ No more than one (1) traveled-lane shall be blocked or obstructed during normal working hours. All signs and flaggers during lane closure shall conform to the Manual on Uniform Traffic Control Devices.

☒ When necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes shall be blocked or obstructed during adverse weather conditions (rain, snow, fog, etc.) without specific permission from the Department. Working hours shall be between 8:30 am and 4:30 pm

☒ The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility.

☒ No nonconstruction equipment or vehicles or office trailers shall be allowed on the right of way during working hours.

☒ The right of way shall be left free and clear of equipment, material, and vehicles during non-working hours.

B. Explosives

☒ No explosive devices or explosive material shall be used within state right of way without proper license and approval of the Kentucky Department of Mines and Minerals, Explosive Division.

C. Other Safety Requirements

☒ All roadway signs must be replaced if removed or damaged during construction.
Mill & overlay required for any area where water main was installed within paved roadway. See Sec. VI for paving details

II. UTILITIES *Applies to Limited Controlled Access Highways ONLY*

☐ *All work necessary within the right of way shall be performed behind a temporary fence erected prior to a boring operation.

☐ *The temporary woven wire fence shall be removed immediately upon completion of work on the right of way, and the control of access immediately restored to original condition, in accordance with applicable Kentucky Department of Highways Standard Drawings.

☐ *All vents, valves, manholes, etc., shall be located outside of the right-of-way.

☐ *Encasement pipe shall extend from right-of-way line to right-of-way line and shall be one continuous run of pipe. The encasement pipe shall be welded at all joints.

☒ The boring pit and tail ditch shall extend past the existing toe of slope or bottom of ditch line and shall be a minimum of 42 inches deep.

Permit No. 06-0177-12

II. UTILITIES (Continued)

☒ Encasement pipe pipe shall conform to current standards for highway crossings in accordance with the Permits Manual.

☒ Parallel lines shall be constructed between back slope of ditch line and right-of-way line and shall have a minimum of ~~30-inch~~ 36" cover above top of pipe or conduit.

☒ All pavement cuts shall be restored per Kentucky Transportation Cabinet form TC 99-13.

☐ Aerial crossing of this utility line shall have a minimum clearance of _____ feet from the high point of the roadway to the low point of the line (calculated at the coefficient for expansion of 120 degrees Farenheit).

☐ The 30-foot clear zone requirement shall be met to the extent possible in accordance with the Permits Manual.

☒ Special requirements:

Mill & overlay required for roadway where water main is installed under pavement. See Sec. VI for paving details. Flowable fill required under paved areas & if water main is installed with 4' of edge of roadway.

III. GENERAL

A. OSHA

☒ Kentucky Occupational Safety and Health Standards for the construction industry, which has the effect of law, states in part: (Page 52, 1926.651, Specific Excavation Requirements) "Prior to opening an excavation, effort shall be made to determine whether underground installations, (sewer, telephone, water, fuel, electric lines, etc.) will be encountered, and if so, where such underground installations are located. When the excavation approaches the estimated location of such an installation, the exact location shall be determined, and when it is uncovered, proper supports shall be provided for the existing installation. Utility companies shall be contacted and advised of proposed work prior to the start of actual excavation."

B. Archaeological

☒ Whenever materials of an archaeological nature are discovered during the course of construction work or maintenance operations, contact shall be made immediately with the Division of Environmental Analysis, which maintains an archaeologist on staff, or with the Office of the State Archaeologist located at the University of Kentucky. Following this consultation, further action shall be decided on a case-by-case basis by the State Highway Engineer or the Transportation Planning Engineer or their designated representative.

C. Utilities In the Work Areas

☒ The permittee shall be responsible for any damage to existing utilities, and any utility modifications or relocations within state right of way necessary, as determined by the Department or by the owner of the utility, shall be at the expense of the permittee and subject to the approval of the Department.

☒ All existing manholes and valve boxes shall be adjusted to be flush with finished grade.

D. Environmental

☒ If the activity to which this permit relates disturbs one acre or more of land, you must obtain a KPDES KYR10 permit.

Websites

http://www.water.ky.gov/permitting/wastewaterpermitting/KPDES/storm/

Inspectors for KPDES KYR10 at www.KEPSC.org

Permit No. 06-0177-12

IV. RIGHT OF WAY RESTORATION

☒ All disturbed portions of the right of way shall be restored to grass as per Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition). A satisfactory turf, as determined by the Department, shall be established by the permittee prior to release of indemnity. Sodding or seeding shall be as follows:

Lawn or High Maintenance Situation	70% Lawn Fescue (e.g., variety - Falcon) 30% Bluegrass **or** 70% Lawn Rye (e.g., variety - Derby) 30% Bluegrass
Right of Way Lawn Maintenance Situation	70% KY 31 Fescue 30% Perennial Rye Grass **or** 100% KY Fescue

☒ Two tons of clean straw mulch per acre of seeding.

☒ Prior to seeding, the ground shall be prepared in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

☐ Substitutes for sod such as artificial turf, rocked mulch, or paved areas may be acceptable if they are aesthetically pleasing.

☐ All ditch-flow lines and all ditch-side slopes shall be sodded.

☒ Existing concrete right of way markers shall not be disturbed, but if damaged in any way, they shall be entirely replaced by the permittee, with new concrete markers to match the original markers, in accordance with Kentucky Department of Highways Standard Drawings. Markers that are entirely removed shall be re-established in the proper locations by the permittee and to the satisfaction of the Department.

☐ Other right of way restoration requirements are as follows:

V. DRAINAGE

☐ All pipe shall be laid in a straight alignment, to proper grades, and with all materials and methods of installation including bedding and joint seating in accordance with Department Standard Specifications for Road and Bridge Construction (latest edition). Pipe shall not be covered until inspected by the Department and express permission obtained to make backfill.

☒ All gutter lines at the base of new curbs shall be on continuous grades, and pockets of water along with curbs or in entrance areas or other paved areas within the right of way shall not be acceptable.

☐ All drainage structures and appurtenances (manholes, catch basins, curbing, inlet basins, etc.) shall conform to Department specifications and shall be constructed in accordance with the Department Standard Drawings. Type required:

Any damage to existing drainage facilities will be responsibility of applicant to repair.

Permit No. 06-0177-12

VI. Paving

☒ No bituminous pavement shall be installed within the right of way between November 15 and April 1, nor when the temperature is below 40 degrees Farenheit, without the express consent of the Department. No bituminous pavement shall be installed when the underlying course is wet.

☒ Paving within the right of way shall be as follows:

☒ Base (Type) Flowable Fill (Thickness) various depth

☒ Surface Base (Type) Bit. Base CL II (Thickness) match existing depth

☒ Finished Surface (Type) Bit. Surface CL II (Thickness) 1.5 inch

☒ Existing pavement and shoulder material shall be removed to acommodate the above paving specifications.

☒ The finished surface of all new pavement within the right of way shall be true to the required slope and grade, uniform in density and texture, free of irregularities, and equivalent in riding qualities to the adjacent highway pavement or as determined by the Department of Highways.

☒ All materials and methods of construction, including base and subgrade preparation, shall be in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

☒ 24 hours notice to the Department is required prior to beginning paving operations.

Phone: 859-341-2700 Name: Ed Thompson

☒ To ensure proper surface drainage, the new pavement shall be flush with the edge of existing highway pavement and shall slope away from the existing edge of the pavement as specified in drawings.

☒ Existing edge of pavement shall be saw-cut to provide a straight and uniform joint for new pavement. An approved joint sealer, in accordance with Kentucky Department of Highways Standard Specifications (latest edition), shall be applied between new and existing pavements.

VII. SIDEWALKS SPECIFICATIONS - *This dimension should be equal to the width of the sidewalk.

A. New Sidewalks

☐ Sidewalks shall be constructed of Class A concrete (3,500 p.s.i. test), shall be *____ feet in width, 6 inches in thickness across the bituminous entrance, and 4 inches in thickness across the remaining sections.

☐ Sidewalks shall have tooled joints not less than 1 inch in depth at four foot intervals*, and 1/2 premolded expansion joints extending entirely through the sidewalk at intervals not to exceed 50 feet.

☒ All materials and methods of construction, including curing, shall be in accordance with the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

B. Existing Sidewalks

☐ **(Applicable if existing sidewalks are being relocated)** Use of the sidewalk shall not be blocked or obstructed, and a usable walkway shall be maintained across the construction area at all times.

☒ All damaged sections of the sidewalks shall be entirely replaced to match existing sections.

VIII. DENSE GRADED SHOULDERS

☒ Any existing dense-graded aggregate shoulders in the entire frontage within the construction area, which have been disturbed or damaged or on which dirt has been placed or mud has been deposited or tracked, shall be restored to original condition by removal of all contaminated material and replaced to proper grade with new dense-graded aggregate.

☐ All new aggregate shoulders as specified in the plan shall consist of 5 inches of compacted dense-graded aggregate, $2^{1/2}$ pounds per square yard of calcium chloride.

☒ All dense-graded aggregate shoulders shall slope away from the new edge of pavement at the rate of 3/4 inch per foot.

IX. CURBING

A. Bituminous Curbs

☐ Bituminous concrete curbs shall be given a paint coat of asphalt emulsion.

☐ The surface under the bituminous concrete curb shall be tacked with asphalt emulsion.

☐ All bituminous concrete curbs shall be constructed of a Class I bituminous concrete mixture as specified by official Department of Highways specifications.

☐ All bituminous curbs shall be rolled curb, with a minimum base width of 8 inches and a minimum height of ____ inches. The top of the curb shall be constructed in such a manner as to guarantee a uniform rolled effect throughout the entire run.

B. Concrete Curbs

☐ All curbs or curb and gutter shall be constructed of Class A concrete (3,500 p.s.i. test) and shall be uniform in height, width, and alignment, true to grade, and satisfactory in finish and appearance as determined by the Department. All materials and methods of construction, including curing, shall be in accordance with Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

☐ All concrete curbs shall be 6 inches in width, extend ____ inches above finished grade and 12 inches below finished grade, with all visible edge rounded to 1/2 inch radii.

☐ All concrete curbs shall have expansion joints constructed at intervals of not more than 30 feet, and 1/2 inch premolded expansion joint material (cut to conform to the curb or to the curb and gutter section) shall be used in each expansion joint.

☐ The last ____ feet of all concrete curbs are to be tapered down to finished grade.

KENTUCKY TRANSPORTATION CABINET

Department of Highways

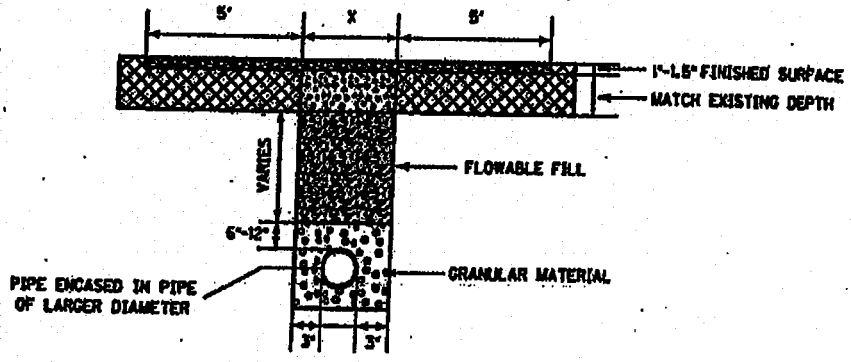
Permits Branch

TC 99-
Rev. 97

SURFACE RESTORATION METHODS

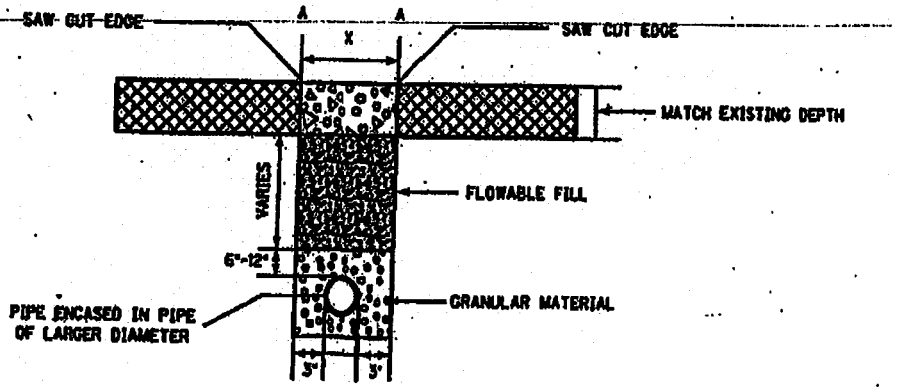
Bituminous Surfacing

NOTES:
- SURFACE SHALL BE MILLED AND REPLACED 5 FEET PAST EDGE OF TRENCH.
- SURFACE EDGE SHALL BE SAW CUT ON ALL REPAIRS.
- AN APPROVED JOINT SEALER IS TO BE APPLIED BETWEEN NEW AND EXISTING PAVEMENT.



Concrete Pavement

NOTES:
- ALL EDGES SHALL BE SAW CUT AND SEALED WITH APPOVED JOINT SEALER.
- DISTANCE FROM POINTS "A" (CONCRETE PAVEMENT) TO NEAREST JOINT OR BREAK IN PAVEMENT MUST BE SIX (6) FEET OR MORE. IF LESS THAN SIX (6) FEET, REMOVE PAVEMENT TO JOINT OR BREAK AND REPLACE ENTIRE SLAB.



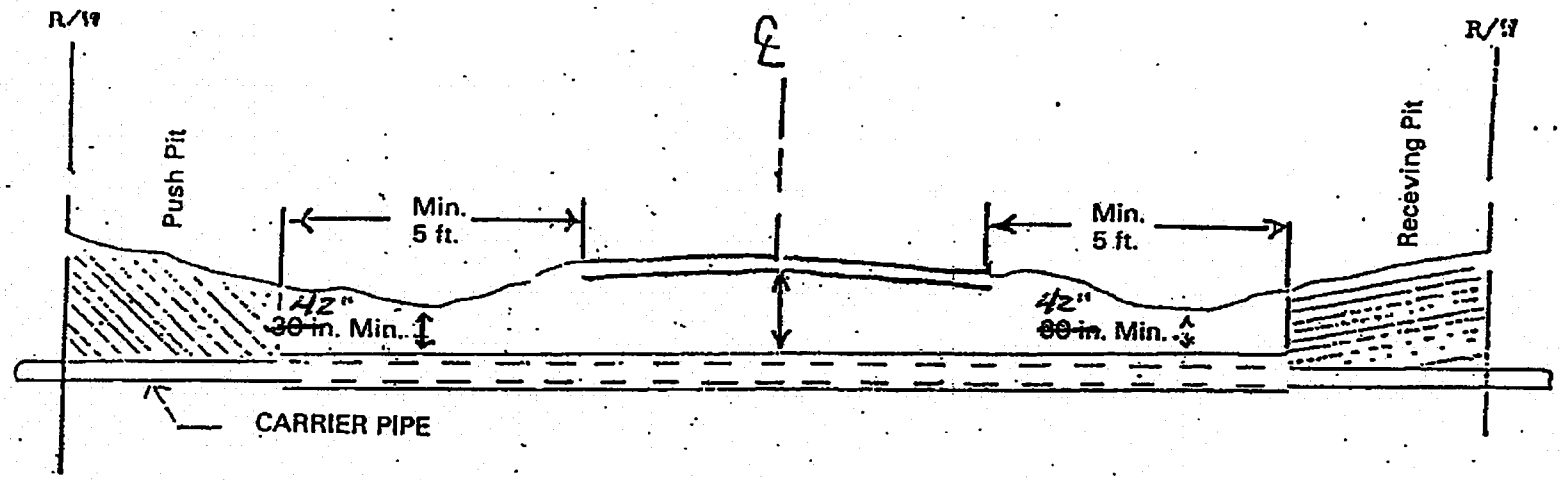
KENTUCKY TRANSPORTATION CABINET
Department of Highways
Permits Branch

Typical Highway Boring Crossing Detail

Permit No. 06-0177-12

Route No. KY 547

Pavement Width 24'



1. Push Pit and Receiving Pit to be backfilled and thoroughly compacted.
2. All Ditch Lines to be left open.
3. Seed and straw all areas disturbed by this work.

Services over 2" to be encased or exempt under Chapter 2 of the Permits Guidance Manual

TC 99-10
Rev. 2/95

IMPORTANT NOTICE

Federal law requires that traffic control shall be implemented in accordance with MUTCD Standards and KYTC Specifications under the supervision of a Work Zone Traffic Control Supervisor.

A Work Zone Traffic Control Technician shall be available on the jobsite to ensure that the work zone is in compliance with the applicable standards.

If any questions, please contact James Minckley at (859) 341-2700.

IMPORTANT NOTICE

Federal law requires that High visibility Class 2 or Class 3 retroreflective safety apparel that meets ANSI/ISEA 107-2004 Standards shall be worn at all times by anyone working within the KYTC R/W limits.

Class 3 apparel is required for flaggers after dark.

If any questions, please contact James Minckley at (859) 341-2700.

Case No. 2013-____
Exhibit ____C____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

BID INFORMATION AND BOARD RESOLUTION

Bid Tabulation

Engineer's Recommendation of Award

Board Resolution

Case No. 2013-____
Exhibit ____C____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Bid Tabulation

BID TAB

Northern Kentucky Water District
Ripple Creek Pump Station to Main St. Tank
Water Main Extension - Phase 5

October 17, 2013

CONTRACTOR	BID AMOUNT
G M. Pipeline	$1,452,452.94
Howell Contractors	$1,504,343.00
Welsh Excavating	$1,578,627.00
Cleary Construction	$1,615,266.00
RB South, Inc.	$1,711,725.75
Larry Smith, Inc.	$1,715,993.00
Hartman & Smith	$1,807,340.00
Garney Construction	$1,926,427.00
Lonkard Construction	$2,161,420.00

BID TABULATIONS

Ripple Creek Pump Station to Main Street Tank WM Extension – Phase 5				Engineer's Estimate		GM Pipeline		Howell Contractors		Welsh Excavation		Cleary Construction	
Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
1	6.01 CLASS 200 DUCTILE IRON PIPE *(24-inch including double bonding each joint – 4 cad welds, two jumpers).* (Detail 103, 103a, 104, 104a, 110)	LF	7677	$130.00	$998,010.00	$115.90	$889,764.30	$99.00	$760,023.00	$108.50	$832,954.50	$118.00	$905,886.00
2	6.02B CLASS 200 DUCTILE IRON PIPE *(24-inch including double bonding each joint – 4 cad welds, two jumpers)* – RESTRAINED JOINT. (Detail 103, 103a, 104, 104a, 110)	LF	1670	$160.00	$267,200.00	$143.00	$238,810.00	$149.00	$248,830.00	$202.00	$337,340.00	$148.00	$247,160.00
3	6.01 CLASS 50 DUCTILE IRON PIPE *(8-inch)* – (Detail 103, 103a, 104, 104a, 110)	LF	56	$90.00	$5,040.00	$65.00	$3,640.00	$130.00	$7,280.00	$135.50	$7,588.00	$100.00	$5,600.00
4	6.01 CLASS 50 DUCTILE IRON PIPE *(6-inch)* – (Detail 103, 103a, 104, 104a, 110)	LF	47	$70.00	$3,290.00	$60.00	$2,820.00	$130.00	$6,110.00	$71.50	$3,360.50	$90.00	$4,230.00
5													
6	6.04 CASING PIPE *(36-inch)*	LF	80	$575.00	$46,000.00	$515.00	$41,200.00	$650.00	$52,000.00	$475.00	$38,000.00	$480.00	$38,400.00
7	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(2-inch Main)*	EA	1	$2,200.00	$2,200.00	$1,000.00	$1,000.00	$2,500.00	$2,500.00	$1,250.00	$1,250.00	$2,000.00	$2,000.00
8	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(6-inch Main)*	EA	3	$2,400.00	$7,200.00	$2,500.00	$7,500.00	$3,000.00	$9,000.00	$1,650.00	$4,950.00	$3,000.00	$9,000.00
9	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(24-inch Main)*	EA	2	$3,500.00	$7,000.00	$2,500.00	$5,000.00	$7,500.00	$15,000.00	$4,000.00	$8,000.00	$4,500.00	$9,000.00
10	8.01 INSTALL FIRE HYDRANT ASSEMBLY	EA	8	$3,700.00	$29,600.00	$3,200.00	$25,600.00	$3,650.00	$29,200.00	$3,375.00	$27,000.00	$5,000.00	$40,000.00
11	8.03 REMOVE EX. FIRE HYDRANT ASSEMBLY	EA	4	$500.00	$2,000.00	$500.00	$2,000.00	$200.00	$800.00	$500.00	$2,000.00	$1,500.00	$6,000.00
12	9.01 DUCTILE IRON RESILIENT SEATED GATE VALVE *(6-inch)*	EA	1	$900.00	$900.00	$700.00	$700.00	$1,000.00	$1,000.00	$825.00	$825.00	$1,050.00	$1,050.00
13	9.01 DUCTILE IRON RESILIENT SEATED GATE VALVE *(8-inch)*	EA	2	$1,200.00	$2,400.00	$950.00	$1,900.00	$1,250.00	$2,500.00	$1,200.00	$2,400.00	$1,500.00	$3,000.00
14	9.02 DUCTILE IRON RESILIENT SEATED GATE VALVE WITH BEVELED GEARING *(24-inch)*	EA	5	$17,000.00	$85,000.00	$16,750.00	$83,750.00	$18,500.00	$92,500.00	$18,000.00	$90,000.00	$17,200.00	$86,000.00
15	10.02 REPLACE SERVICE LINE AND INSTALL WATER METER SETTING (3/4" thru 2") (Service line materials provided by NKWD)	EA	31	$1,250.00	$38,750.00	$900.00	$27,900.00	$1,850.00	$57,350.00	$1,100.00	$34,100.00	$850.00	$26,350.00

Ripple Creek Pump Station to Main Street Tank WM Extension – Phase 5				Engineer's Estimate		GM Pipeline		Howell Contractors		Welsh Excavation		Cleary Construction	
Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
16	11.01 CONCRETE ENCASEMENT	LF	20	$120.00	$2,400.00	$40.00	$800.00	$150.00	$3,000.00	$40.00	$800.00	$125.00	$2,500.00
17	11.02 4-INCH UNDERDRAIN	LF	137	$12.00	$1,644.00	$10.00	$1,370.00	$20.00	$2,740.00	$10.00	$1,370.00	$25.00	$3,425.00
18	11.04 PLUG AND BLOCK *(6-inch)*	EA	2	$500.00	$1,000.00	$250.00	$500.00	$1,500.00	$3,000.00	$375.00	$750.00	$1,200.00	$2,400.00
19	11.05 AIR RELEASE VALVE (ARV and service line materials provided by NKWD)	EA	1	$650.00	$650.00	$750.00	$750.00	$650.00	$650.00	$1,200.00	$1,200.00	$2,000.00	$2,000.00
20	11.06 ANCHORING TEE AND BLOCK *(6-inch x 6-inch x 6-inch)*	EA	1	$400.00	$400.00	$250.00	$250.00	$600.00	$600.00	$300.00	$300.00	$700.00	$700.00
21	11.06 ANCHORING TEE AND BLOCK *(24-inch x 24-inch x 6-inch)*	EA	9	$2,300.00	$20,700.00	$1,300.00	$11,700.00	$1,450.00	$13,050.00	$2,150.00	$19,350.00	$2,200.00	$19,800.00
22									$0.00		$0.00		$0.00
23	11.06 ANCHORING TEE AND BLOCK *(24-inch x 24-inch x 8-inch)*	EA	2	$2,300.00	$4,600.00	$1,300.00	$2,600.00	$1,650.00	$3,300.00	$2,100.00	$4,200.00	$2,000.00	$4,000.00
24	11.15 SLEEVE OUT EXISTING TEE	EA	1	$2,500.00	$2,500.00	$2,000.00	$2,000.00	$5,000.00	$5,000.00	$1,500.00	$1,500.00	$2,800.00	$2,800.00
24	11.16 CORROSION TEST STATION *(standard test station including all wiring, electrode, cadwelds, and test box per details and specifications)*	EA	16	$1,300.00	$20,800.00	$500.00	$8,000.00	$1,620.00	$25,920.00	$1,750.00	$28,000.00	$750.00	$12,000.00
25	11.17 MAGNESIUM ANODE *(Includes the labor, equipment and materials required to place mangnesium anodes and associated wiring per details and specifications)*	EA	102	$165.00	$16,830.00	$315.00	$32,130.00	$540.00	$55,080.00	$275.00	$28,050.00	$460.00	$46,920.00
26	11.18 END TREATMENT DETAIL (SHEET C-1.0)	EA	3	$1,500.00	$4,500.00	$500.00	$1,500.00	$2,700.00	$8,100.00	$1,500.00	$4,500.00	$1,200.00	$3,600.00
26	12.05 ASPHALTIC CONCRETE MILLING AND PAVING *(1.5-inch thick, Class 2)*	SY	750	$50.00	$37,500.00	$18.75	$14,062.50	$16.00	$12,000.00	$17.85	$13,387.50	$17.00	$12,750.00
27	12.07 ASPHALTIC CONCRETE – DRIVEWAY	SY	323	$40.00	$12,920.00	$50.00	$16,150.00	$50.00	$16,150.00	$77.50	$25,032.50	$70.00	$22,610.00
28	12.09 CONCRETE PAVEMENT – STREET	SY	111	$82.00	$9,102.00	$80.00	$8,880.00	$60.00	$6,660.00	$60.00	$6,660.00	$125.00	$13,875.00
29	12.10 CONCRETE PAVEMENT – DRIVEWAY	SY	21	$80.00	$1,680.00	$67.50	$1,417.50	$50.00	$1,050.00	$60.00	$1,260.00	$150.00	$3,150.00
30	12.12 CONCRETE SIDEWALK	SY	8	$70.00	$560.00	$45.00	$360.00	$45.00	$360.00	$42.00	$336.00	$150.00	$1,200.00

Ripple Creek Pump Station to Main Street Tank WM Extension -- Phase 5				Engineer's Estimate		GM Pipeline		Howell Contractors		Welsh Excavation		Cleary Construction	
Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
31	12.13 GRAVEL DRIVEWAY	SY	7	$25.00	$175.00	$10.00	$70.00	$5.00	$35.00	$14.00	$98.00	$50.00	$350.00
32	12.14 BEST MANAGEMENT PRACTICE	LS	1	$10,000.00	$10,000.00	$1,000.00	$1,000.00	$18,350.00	$18,350.00	$15,000.00	$15,000.00	$20,000.00	$20,000.00
33	12.15 ASPHALT CONCRETE BINDER *(3-inch thick, Class 3, 0.75E PG 64-22)*	SY	182	$22.00	$4,004.00	$0.01	$1.82	$40.00	$7,280.00	$30.00	$5,460.00	$28.00	$5,096.00
34	12.16 ASPHALT CONCRETE BASE *(6-inch thick, Class 3, 0.75E PG 64-22)*	SY	182	$80.00	$14,560.00	$0.01	$1.82	$50.00	$9,100.00	$82.50	$15,015.00	$77.00	$14,014.00
35	12.17 REMOVE AND INSTALL 15-INCH CMP	LF	90	$75.00	$6,750.00	$22.50	$2,025.00	$35.00	$3,150.00	$41.00	$3,690.00	$70.00	$6,300.00
36	12.18 GROUTED RIP RAP (KYTC Class II Channel Lining)	SY	270	$36.00	$9,720.00	$30.00	$8,100.00	$65.00	$17,550.00	$20.00	$5,400.00	$60.00	$16,200.00
37	12.19 REMOVE AND REINSTALL EXISTING CHAIN LINK FENCE	LF	50	$35.00	$1,750.00	$10.00	$500.00	$20.00	$1,000.00	$15.00	$750.00	$50.00	$2,500.00
38	12.20 REMOVE AND PROPERLY DISPOSE OF ABANDONED FORCE MAIN	LF	500	$15.00	$7,500.00	$10.00	$5,000.00	$10.00	$5,000.00	$5.00	$2,500.00	$20.00	$10,000.00
39	12.21 REMOVE AND REINSTALL EXISTING GUARDRAIL	LF	85	$20.00	$1,700.00	$20.00	$1,700.00	$25.00	$2,125.00	$50.00	$4,250.00	$40.00	$3,400.00
	TOTAL BASE BID				**$1,688,535.00**		**$1,452,452.94**		**$1,504,343.00**		**$1,578,627.00**		**$1,615,266.00**
	Note: See section 01025 Measurement and Payment for bid form definitions Bidder selection will be based upon the lowest "TOTAL BASE BID"												

BID TABULATIONS

Ripple Creek Pump Station to Main Street Tank WM Extensi				RB South, Inc.		Larry Smith. Inc.		Hartman + Smith		Garney Construction		Lonkard Construction	
Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
1	6.01 CLASS 200 DUCTILE IRON PIPE *(24-inch including double bonding each joint – 4 cad welds, two jumpers).* (Detail 103, 103a, 104, 104a, 110)	LF	7677	$130.00	$998,010.00	$131.00	$1,005,687.00	$134.00	$1,028,718.00	$147.00	$1,128,519.00	$165.00	$1,266,705.00
2	6.02B CLASS 200 DUCTILE IRON PIPE *(24-inch including double bonding each joint – 4 cad welds, two jumpers)* – RESTRAINED JOINT. (Detail 103, 103a, 104, 104a, 110)	LF	1670	$162.00	$270,540.00	$156.00	$260,520.00	$170.00	$283,900.00	$198.00	$330,660.00	$245.00	$409,150.00
3	6.01 CLASS 50 DUCTILE IRON PIPE *(8-inch)* – (Detail 103, 103a, 104, 104a, 110)	LF	56	$95.00	$5,320.00	$80.00	$4,480.00	$165.00	$9,240.00	$94.00	$5,264.00	$125.00	$7,000.00
4	6.01 CLASS 50 DUCTILE IRON PIPE *(6-inch)* – (Detail 103, 103a, 104, 104a, 110)	LF	47	$105.00	$4,935.00	$60.00	$2,820.00	$155.00	$7,285.00	$70.00	$3,290.00	$105.00	$4,935.00
5													
6	6.04 CASING PIPE *(36-inch)*	LF	80	$485.00	$38,800.00	$600.00	$48,000.00	$940.00	$75,200.00	$740.00	$59,200.00	$575.00	$46,000.00
7	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(2-inch Main)*	EA	1	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$2,500.00	$2,500.00	$1,000.00	$1,000.00	$2,000.00	$2,000.00
8	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(6-inch Main)*	EA	3	$600.00	$1,800.00	$1,000.00	$3,000.00	$4,850.00	$14,550.00	$1,300.00	$3,900.00	$2,500.00	$7,500.00
9	7.01 CONNECT TO EXISTING MAIN/TIE-IN *(24-inch Main)*	EA	2	$1,500.00	$3,000.00	$5,000.00	$10,000.00	$6,200.00	$12,400.00	$6,000.00	$12,000.00	$2,500.00	$5,000.00
10	8.01 INSTALL FIRE HYDRANT ASSEMBLY	EA	8	$3,200.00	$25,600.00	$4,000.00	$32,000.00	$4,150.00	$33,200.00	$4,500.00	$36,000.00	$3,500.00	$28,000.00
11	8.03 REMOVE EX. FIRE HYDRANT ASSEMBLY	EA	4	$400.00	$1,600.00	$500.00	$2,000.00	$350.00	$1,400.00	$500.00	$2,000.00	$500.00	$2,000.00
12	9.01 DUCTILE IRON RESILIENT SEATED GATE VALVE *(6-inch)*	EA	1	$570.00	$570.00	$1,000.00	$1,000.00	$675.00	$675.00	$1,000.00	$1,000.00	$950.00	$950.00
13	9.01 DUCTILE IRON RESILIENT SEATED GATE VALVE *(8-inch)*	EA	2	$800.00	$1,600.00	$1,300.00	$2,600.00	$995.00	$1,990.00	$1,250.00	$2,500.00	$1,200.00	$2,400.00
14	9.02 DUCTILE IRON RESILIENT SEATED GATE VALVE WITH BEVELED GEARING *(24-inch)*	EA	5	$16,000.00	$80,000.00	$19,000.00	$95,000.00	$19,850.00	$99,250.00	$20,000.00	$100,000.00	$19,000.00	$95,000.00
15	10.02 REPLACE SERVICE LINE AND INSTALL WATER METER SETTING (3/4" thru 2") (Service line materials provided by NKWD)	EA	31	$1,200.00	$37,200.00	$900.00	$27,900.00	$1,050.00	$32,550.00	$650.00	$20,150.00	$2,200.00	$68,200.00

Ripple Creek Pump Station to Main Street Tank WM Extensi				RB South, Inc.		Larry Smith, Inc.		Hartman + Smith		Garney Construction		Lonkard Construction	
Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
16	11.01 CONCRETE ENCASEMENT	LF	20	$40.00	$800.00	$70.00	$1,400.00	$100.00	$2,000.00	$90.00	$1,800.00	$100.00	$2,000.00
17	11.02 4-INCH UNDERDRAIN	LF	137	$10.00	$1,370.00	$20.00	$2,740.00	$48.00	$6,576.00	$30.00	$4,110.00	$35.00	$4,795.00
18	11.04 PLUG AND BLOCK *(6-inch)*	EA	2	$75.00	$150.00	$150.00	$300.00	$800.00	$1,600.00	$700.00	$1,400.00	$400.00	$800.00
19	11.05 AIR RELEASE VALVE (ARV and service line materials provided by NKWD)	EA	1	$400.00	$400.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$850.00	$850.00	$1,700.00	$1,700.00
20	11.06 ANCHORING TEE AND BLOCK *(6-inch x 6-inch x 6-inch)*	EA	1	$175.00	$175.00	$325.00	$325.00	$250.00	$250.00	$500.00	$500.00	$350.00	$350.00
21	11.06 ANCHORING TEE AND BLOCK *(24-inch x 24-inch x 6-inch)*	EA	9	$1,100.00	$9,900.00	$2,500.00	$22,500.00	$1,500.00	$13,500.00	$2,250.00	$20,250.00	$2,200.00	$19,800.00
22					$0.00		$0.00		$0.00				$0.00
23	11.06 ANCHORING TEE AND BLOCK *(24-inch x 24-inch x 8-inch)*	EA	2	$850.00	$1,700.00	$2,600.00	$5,200.00	$1,550.00	$3,100.00	$2,950.00	$5,900.00	$2,800.00	$5,600.00
24	11.15 SLEEVE OUT EXISTING TEE	EA	1	$2,000.00	$2,000.00	$2,500.00	$2,500.00	$5,800.00	$5,800.00	$2,000.00	$2,000.00	$3,000.00	$3,000.00
24	11.16 CORROSION TEST STATION *(standard test station including all wiring, electrode, cadwelds, and test box per details and specifications)*	EA	16	$1,400.00	$22,400.00	$1,250.00	$20,000.00	$550.00	$8,800.00	$1,000.00	$16,000.00	$1,200.00	$19,200.00
25	11.17 MAGNESIUM ANODE *(Includes the labor, equipment and materials required to place mangnesium anodes and associated wiring per details and specifications)*	EA	102	$850.00	$86,700.00	$500.00	$51,000.00	$500.00	$51,000.00	$450.00	$45,900.00	$500.00	$51,000.00
26	11.18 END TREATMENT DETAIL (SHEET C-1.0)	EA	3	$1,000.00	$3,000.00	$2,500.00	$7,500.00	$750.00	$2,250.00	$3,238.00	$9,714.00	$3,000.00	$9,000.00
26	12.05 ASPHALTIC CONCRETE MILLING AND PAVING *(1.5-inch thick, Class 2)*	SY	750	$22.50	$16,875.00	$22.00	$16,500.00	$22.00	$16,500.00	$16.00	$12,000.00	$25.00	$18,750.00
27	12.07 ASPHALTIC CONCRETE – DRIVEWAY	SY	323	$22.50	$7,267.50	$45.00	$14,535.00	$81.00	$26,163.00	$70.00	$22,610.00	$50.00	$16,150.00
28	12.09 CONCRETE PAVEMENT – STREET	SY	111	$65.25	$7,242.75	$72.00	$7,992.00	$45.00	$4,995.00	$80.00	$8,880.00	$75.00	$8,325.00
29	12.10 CONCRETE PAVEMENT – DRIVEWAY	SY	21	$67.50	$1,417.50	$54.00	$1,134.00	$90.00	$1,890.00	$75.00	$1,575.00	$60.00	$1,260.00
30	12.12 CONCRETE SIDEWALK	SY	8	$49.50	$396.00	$45.00	$360.00	$150.00	$1,200.00	$55.00	$440.00	$60.00	$480.00

Ripple Creek Pump Station to Main Street Tank WM Extensi				RB South, Inc.		Larry Smith, Inc.		Hartman + Smith		Garney Construction		Lonkard Construction	
Item No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
31	12.13 GRAVEL DRIVEWAY	SY	7	$36.00	$252.00	$15.00	$105.00	$81.00	$567.00	$15.00	$105.00	$25.00	$175.00
32	12.14 BEST MANAGEMENT PRACTICE	LS	1	$2,000.00	$2,000.00	$10,000.00	$10,000.00	$5,000.00	$5,000.00	$15,000.00	$15,000.00	$10,000.00	$10,000.00
33	12.15 ASPHALT CONCRETE BINDER *(3-inch thick, Class 3, 0.75E PG 64-22)*	SY	182	$90.00	$16,380.00	$40.00	$7,280.00	$32.00	$5,824.00	$30.00	$5,460.00	$20.00	$3,640.00
34	12.16 ASPHALT CONCRETE BASE *(6-inch thick, Class 3, 0.75E PG 64-22)*	SY	182	$130.00	$23,660.00	$45.00	$8,190.00	$81.00	$14,742.00	$85.00	$15,470.00	$40.00	$7,280.00
35	12.17 REMOVE AND INSTALL 15-INCH CMP	LF	90	$45.00	$4,050.00	$30.00	$2,700.00	$100.00	$9,000.00	$57.00	$5,130.00	$50.00	$4,500.00
36	12.18 GROUTED RIP RAP (KYTC Class II Channel Lining)	SY	270	$75.00	$20,250.00	$100.00	$27,000.00	$30.00	$8,100.00	$55.00	$14,850.00	$45.00	$12,150.00
37	12.19 REMOVE AND REINSTALL EXISTING CHAIN LINK FENCE	LF	50	$25.00	$1,250.00	$25.00	$1,250.00	$30.00	$1,500.00	$35.00	$1,750.00	$40.00	$2,000.00
38	12.20 REMOVE AND PROPERLY DISPOSE OF ABANDONED FORCE MAIN	LF	500	$20.00	$10,000.00	$10.00	$5,000.00	$22.00	$11,000.00	$10.00	$5,000.00	$25.00	$12,500.00
39	12.21 REMOVE AND REINSTALL EXISTING GUARDRAIL	LF	85	$19.00	$1,615.00	$35.00	$2,975.00	$25.00	$2,125.00	$50.00	$4,250.00	$25.00	$2,125.00
	TOTAL BASE BID				**$1,711,725.75**		**$1,715,993.00**		**$1,807,340.00**		**$1,926,427.00**		**$2,161,420.00**
	Note: See section 01025 Measurement and Payment for bid form definitions Bidder selection will be based upon the lowest "TOTAL BASE BID"												

Case No. 2013-____
Exhibit ____C____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Engineer's Recommendation of Award

CARDINAL

ENGINEERING
ARCHITECTURE
LAND SURVEYING

ONE MOOCK ROAD WILDER, KENTUCKY 41071
PHONE: (859) 581-9600 FAX: (859) 581-9636
www.cardinalengineering.net

October 18, 2013

Mr. Steve Broering
Northern Kentucky Water District
P.O. Box 18640
Erlanger, KY 41018-0640

RE: Ripple Creek Pump Station to Main Street Tank
Water Main Replacement/Extension Phase 5
Project Contract Award Recommendation

Dear Steve:

After reviewing the bid results for the above captioned project the low bidder, I confirmed that the low bidder was G.M. Pipeline at $1,452,452.94. G.M. Pipeline has performed well on two projects that Cardinal design: Ripple Creek Pump Station to Main Street Tank Water Main Replacement/Extension Phase 1 (completed in 2007) and KY 1998 (Industrial Road) 12" Water Main Replacement (currently under construction). In addition, it is my understanding that G.M. Pipeline has performed adequately on multiple projects for the District over the past several years.

Based upon the above information, we recommend awarding the contract to said firm (provided that all bonding and District requirements have been addressed).

Should you have any questions, please contact me.

Best regards,

Kevin Hanson, P.E.
Vice President

Case No. 2013-____
Exhibit ____C____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

Board Meeting Minutes

Northern Kentucky Water District
Board of Commissioners Special Meeting
October 24, 2013

A special meeting of the Board of Commissioners of the Northern Kentucky Water District was held on October 24, 2013 at the District's facility located at 2835 Crescent Springs Road in Erlanger, Kentucky. All Commissioners were present. Also present were Jack Bragg, Richard Harrison, Bob Buhrlage, Mary Carol Wagner, Lindsey Rechtin, Brian Dunham, and, for the initial part of the meeting, Robert Palmer of KEMI.

Chairman Wagner called the meeting to order at 12:45 p.m. and Ms. Lindsey Rechtin led the pledge of allegiance.

Mr. Robert Palmer of KEMI presented Chairman Wagner with a dividend check made payable to the District. Mr. Palmer noted that KEMI only paid dividends to customers with good worker's compensation claims ratios. Mr. Palmer then exited the meeting.

The Commissioners reviewed correspondence received and articles published since the last regular Board meeting of September 19, 2013.

On motion of Commissioner Spaulding, seconded by Commissioner Cunningham, the Commissioners unanimously approved the minutes for the regular board meeting held on September 19, 2013.

The Board was provided a copy of the District's check registers, which included the check number, check date, payee, check amount and description of the reason for each payment, detailing the District's expenditures for the period September 1, 2013 through September 30, 2013. On motion of Commissioner Sommerkamp, seconded by Commissioner Macke, and after discussion, the Commissioners unanimously approved the expenditures of the District for the month of September 2013.

On motion of Commissioner Cunningham, seconded by Commissioner Spaulding, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to Hartman Smith Construction Company for the Highland Avenue 12 Inch Water Main Project with a total project budget of $595,000.00, and authorized staff to execute the appropriate contract documents.

On motion of Commissioner Sommerkamp, seconded by Commissioner Macke, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to Lonkard Construction Inc. for the Short Maple Water Main Extension Project with a total project budget of $41,375.00, and authorized staff to execute the appropriate contract documents.

On motion of Commissioner Spaulding, seconded by Commissioner Sommerkamp, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to G. M. Pipeline for the Ripple Creek Pump Station to Alexandria Tank Phase 5 Project

with a total project budget of $1,753,000.00, and authorized staff to execute the appropriate contract documents.

On motion of Commissioner Sommerkamp, seconded by Commissioner Macke, the Commissioners unanimously authorized and adopted the Kentucky Infrastructure Authority State Revolving Loan Resolution, which authorized the District's Vice President to sign the KIA Loan Application for a $4,000,000 loan from the Drinking Water State Revolving Loan Fund for "Campbell County Water Main Rehabilitation and Treatment Plant Project WX21037004."

On motion of Commissioner Sommerkamp, seconded by Commissioner Spaulding, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to Agilent Technologies for the purchase of a new Inductively Coupled Plasma Spectrometry with a total project budget of $170,000.00, and authorized staff to execute the appropriate contract documents.

Chairman Wagner then noted that he and Commissioner Spaulding, the District's treasurer, did a review of finances, including the budgets to be discussed, with representatives from VonLehman and Co. CPAs, and Jack Bragg and Lindsay Rechtin of the District's staff.

On motion of Commissioner Cunningham, seconded by Commissioner Spaulding, the Commissioners unanimously accepted the approval of the 2014 Operating and Maintenance, 2014 Operating Capital, and the Five-Year Capital Projects Budgets (2014-2018).

The Commissioners reviewed the District's financial reports and Department reports. As part of his report, Mr. Harrison reviewed with the Commissioners the status of on-going projects within the 2013 5-Year Capital Budget. Mr. Harrison noted the one change order to the current capital projects incurred since the date of the last report, which change order was to the District's benefit and reflected a reduced amount of material used in a project.

Mr. Chairman noted during Board Comments that he and Commissioner Spaulding, the District's treasurer, review and approve the District's credit card and travel expenses on a monthly basis. Other matters of a general nature were discussed.

On a motion of Commissioner Cunningham, seconded by Commissioner Spaulding, the Board unanimously agreed to go into executive session under the provisions of KRS 61.810(1)(c) to discuss pending or proposed litigation against or on behalf of the District and to protect the District's legal interests and strategy in connection with such litigation. The executive session commenced at 3:18 p.m. and ended at 3:26 p.m.

After returning to open session, and after there being no further business to come before the Board, on motion of Commissioner Cunningham, seconded by Commissioner Collins, the Commissioners unanimously adjourned the special meeting at 3:26 p.m.

_____ _____

CHAIRMAN SECRETARY

Case No. 2013-____
Exhibit ____D____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

PROJECT FINANCE INFORMATION

Customers Added and Revenue Effect

Debt Issuance and Source of Debt

Additional Costs for Operating and Maintenance

USoA Plant Account

Depreciation Cost and Debt Service After Construction

Northern Kentucky
Water District

Customers Added and Revenue Effect: There is a potential of 3 new customers to be added.

Debt Issuance and Source of Debt: The project will be funded by the Bond 2009 (Formerly BAN 2007) with a budget of $976,000 and Bond 2013 (Formerly BAN 2011) with a budget of $777,000 with a total budget of $1,753,000 from the 2013 5-Year Capital Budget by PSC Ref No. 77b, Page 27, "KY 547 (Riley Road) from Main Street to AA Hwy/Nelson Road". The total project budget is $1,753,000 which includes construction cost, engineering, materials, and contingencies. A summary of the project costs is provided below:

o Engineering	$ 30,244.64
o Contractor's Bid	$ 1,452,452.94
o Misc. & Contingencies	$ 270,302.42
Total Project Cost	$ 1,753,000.00

USoA Accounts: The anticipated amounts for the project cost of $1,753,000.00 will fall under the following Uniform System of Accounts Codes:

Code 331 "Transmission & Distribution Mains"	$ 1,671,894.72
Code 334 "Meter & Meter Installation "	$ 33,673.18
Code 335 "Hydrants"	$ 47,432.10

Additional Costs and O&M: No additional operating and maintenance costs are anticipated from the project.

Depreciation and Debt Service: Annual depreciation and debt service after construction are as follows:

Depreciation: $28,048/year over 62.5 years

Debt Service: $118,221.00 over 25 years (conventional 4.0% loan).

Case No. 2013-____
Exhibit ____E____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

PSC ANNUAL REPORT – 2012

Northern Kentucky Water District

Class "A & B"

Water Districts & Associations

Annual Report

OF

Northern Kentucky Water District

2835 Crescent Springs Road, P.O. Box 18640

Erlanger, KY 41018

To the

PUBLIC SERVICE COMMISSION
of the
Commonwealth of Kentucky

For the calendar Year Ended: December 31, 2012

Water

CLASS A & B

WATER DISTRICTS AND ASSOCIATIONS

ANNUAL REPORT

OF

Northern Kentucky Water District

2835 Crescent Springs Road, Erlanger, Kentucky 41018

TO THE

PUBLIC SERVICE COMMISSION

OF THE

COMMONWEALTH OF KENTUCKY

211 SOWER BOULEVARD
P. O. BOX 615
FRANKFORT, KENTUCKY 40602

FOR THE CALENDAR YEAR ENDED DECEMBER 31, 2012

Checklist for the Annual ort for C Ware Companies

To be completed and returned with the annual report

Page No.	Account No.		Page No.		Yes	No	If no, explain why
4 to 6	The identification pages have been completed.				x		
7	101-106	agrees with	13	Total 101-106	x		
7	108-110	agrees with	15	Total 301-348 Cols c & h	x		
7	114-115	agrees with	16	Net Blanace 114-115	x		
7	123	agrees with	17	Total 123	x		
7	124-125	agrees with	17	Total 124 & Total 125	x		
7	126	agrees with	17	Total 126	x		
7	127	agrees with	17	Total 127	x		
7	141-144	agrees with	18	Net Balance 141-144	x		
7	151-153	agrees with	19	Total 151-153	x		
7	162	agrees with	19	Total 162	x		
8	181	agrees with	20	Total 181	x		
8	182	agrees with	21	Total 182	x		
8	186	agrees with	20	Total 186	x		
9	214	agrees with	12	Total 214	x		
9	215.1	agrees with	12	Tolal 215.1	x		
9	215.2	agrees with	12	Total 215.2	x		
9	221	agrees with	23	Total Col 4	x		
9	221	agrees with	23	Total Col 12	x		
9	224	agrees with	22	Total Col f	x		
9	232	agrees with	24	Total 232	x		
9	223	agrees with	24	Total 233	x		
9	234	agrees with	24	Total 234	x		
9	236	agrees with	25	Beginning & Ending Balance 236	x		
9	237	agrees with	25	Total 237 Cols b & e	x		
9	242	agrees with	26	Total 242	x		
9	251	agrees with	20	Total 251	x		
9	252	agrees with	21	Beginning & Ending Balance 252	x		

Checklist for the Annua ***ort for C Ware Companies***

To be completed and returned with the annual report

Page No.	Account No.		Page No.		Yes	No	If no, explain why
10	400	agrees with	27	Total Water Operating Revenue Col e	x		
10	401	agrees with	28	Total 601-675, Col c	x		
10	408.1&408.2	agrees with	25	Total Taxes Accrued 408-10-408.20	x		
11	427	agrees with	25	Total Interest Accrued Col c	x		
11	Net Income Before Contribution agrees with		12	Balance Trans Inc Col c	x x		
13	101	agrees with	14	Total Water Plant Col f	x		
14	The analysis of water utility plant acounts cols c throuh k has been Completed				x		
15	The analysis of accumulated depreciation & amortization by primary accounts has been completed				x		
20	186.1	agrees with	26	Total 186.1 Col c	x		
22	Schedule of Long-Term Debt has been completed				x		
23	Schedule ofBond Maturities has been completed				x		
27	Taxes collected (example: school tax, sales tax, granchise tax) have been excluded from Revenue and Expenses				x x		
27	The analysis of water operating revenue Cols c,d, and e has been completed				x		
28	The analysis of water utiltiy expense Cols c through k has been complete				x		
29	Schedule of Pumping and Purchased Water Statistics has been completed				x		
29	Total Col (d)	agrees with	30	Line 4, Total Production & Purchased	x		
29	Total Col (e)	agrees with	30	Line 13, Total Water Sales	x		
30	466 Total Gals	agrees with	30	Line 11, Sales for Resale (466)	x		
	Oath page has been completed				x		

Rev. 7-19-2004

KENTUCKY PUBLIC SERVICE COMMISSION
REPORT OF GROSS OPERATING REVENUES DERIVED FROM INTRA-KENTUCKY
BUSINESS FOR THE YEAR ENDING DECEMBER 31, 2012

NORTHERN KENTUCKY WATER DISTRICT
(Utility Reporting)

Post Office Box 18640
2835 Crescent Springs Rd - Erlanger, Ky 41018-0640
(Address)

FEIN # (Federal Employer Indentification Number)
61-1311695

(DO NOT INCLUDE TAXES COLLECTED)

(1)	Gross Revenues of Electric Utility	$ _____
(2)	Gross Revenues of Gas Utility	$ _____
(3)	Gross Revenues of Water Utility	$ 47,243,674
(4)	Gross Revenues of Sewer Utility	$ _____
(5)	Other Operating Revenues	$ 1,766,007
	***** TOTAL GROSS REVENUES.....**	$ 49,009,681

OATH

State of Kentucky.....)
) ss.
County Campbell .....)

Jack Bragg, Jr. CPA being duly sworn, states I being duly sworn, states that he/she is Vice-President/CFO of the Northern Kentucky Water District that the above report of gross revenues is exact accordance with Northern Kentucky Water District , and that such books accurateley show the gross revenues of: Northern Kentucky Water District,derived from Intra-Kentucky business for the calendar year ending December 31, 2012

(Officer) VP/CFO

This the 28th day of March, 2013

Notary Public State at Large
County

May 6, 2013
Commission Expires

COLLEEN KELLY MEDERT NOTARY PUBLIC STATE AT LARGE KY My Commission Expires 5/6/13

ADDITIONAL REQUESTED INFORMATION

Utility Name	Norther Kentucky Water District
Contact Person	Jack Bragg, Jr, CPA
Contact Person'ss E-Mail Address	jbragg@nkywater.org
Utility's Web Address	www.nkywater.org

PLEASE COMPLETE THE ABOVE INFORMATION, IF IT IS AVAILABLE.

IF THERE ARE MULTIPLE STAFF WHO MAY BE CONTRACTS PLEASE INCLUDE THEIR NAMES AND E-MAIL ADDRESS ALSO.

PUBLIC SERVICE COMMISSION OF KENTUCKY

PRINCIPAL PAYMENT AND INTEREST INFORMATION

FOR THE YEAR ENDING DECEMBER 31, 2012

1. Amount of Principle Payment during calender year $ 7,974,000.00

2. Is Principal Current? Yes X No _____

3, Is Interest Current ? Yes X No _____

4. Has all long-term debt been approved by the Public Service Commission?

Yes X No _____ PSC Case No _____

SERVICES PERFORMED BY

INDEPENDENT CERTIFIED PUBLIC ACCOUNTANT ("CPA")

Are your financial statement examined by a Certified Public Accountant?

Yes X No _____

If yes, which service is performed?

Audit X

Compilation _____

Review _____

Please enclose a copy of the accountant's report with the annual report

Additional Information Required by Commission Orders

Provide any special information required by prior Commission orders, as well as any narrative explanations necessary to fully explain the data. Examples of the types of special information that may be required by Commission orders include surchage amounts, collected, refunds issued, and unusual debt requirements.

Case #	Date of Order	Item/Explanation	
96-234	8/26/1996	Merger of Campbell Co. Ky. Water District and Kenton Co. Water District No.1. Effective date of Merger 1/1/1997	
97-3	9/21/1997	Defeasance of the former Campbell Co. Ky. Water District Bonds	
		Principal of the issue	$9,630,000
92-482	3/14/1992	SubDistrict A	
		a. Number of Customers as of 12-31-2012	599
		b. Total Surcharge billed during 2012	$61,009
		c. Accumulated surcharge billed.	$1,439,799
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$322,423
94-409	1/26/1995	SubDistrict B	
		a. Number of Customers as of 12-31-2012	297
		b. Total Surcharge billed during 2012	$60,916
		c. Accumulated surcharge billed.	$965,127
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$1,194,280
95-582	2/8/1996	SubDistrict R	
		a. Number of Customers as of 12-31-2012	225
		b. Total Surcharge billed during 2012	$52,369
		c. Accumulated surcharge billed.	$864,948
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$571,514
95-582	2/8/1996	SubDistrict RL	
		a. Number of Customers as of 12-31-2012	88
		b. Total Surcharge billed during 2012	$38,242
		c. Accumulated surcharge billed.	$659,944
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$396,521
97-468	9/4/1998	Per Item 7 on the order. See attached exhibit ML 1	
2000-329	7/21/2000	SubDistrict C	
		a. Number of Customers as of 12-31-2012	1034
		b. Total Surcharge billed during 2012	$224,347
		c. Accumulated surcharge billed.	$2,032,797
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$4,765,958
2000-171	5/5/2000	SubDistrict D	
		a. Number of Customers as of 12-31-2012	153
		b. Total Surcharge billed during 2012	$55,428
		c. Accumulated surcharge billed.	$500,257
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$1,040,069
		e. Bond issued 2001, Payback $1,529,229.74 (25years), rate variable	
2001-198	6/27/2001	Defeasance of the former Kenton County Water District No.1 Bonds - Principle Issue	$45,448,000
2002-00363	10/1/2002	Defeasance of the former Klenton County Water District No.1 Bonds	$10,575,000
2002-00468	3/1/2003	Defeasance of 1995C Bonds with Issuance of 2003A Bonds	$1,615,000
2002-00105	4/30/2003	Water Rate Increase	

Additional Information Required by Commission Orders - Continued			
2002-00105	6/1/2003	Issue of 2003 B Bonds	$30,270,000
2003-00167	7/18/2003	SubDistrict E	
		a. Number of Customers as of 12-31-2012	189
		b. Total Surcharge billed during 2012	$67,274.00
		c. Accumulated surcharge billed.	$496,927.06
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$1,366,429.86
		e. Bond issued 2004, payback $1,859,684.55 (25years), rate variable	
2003-00191	7/18/2003	SubDistrict RF	
		a. Number of Customers as of 12-31-2012	30
		b. Total Surcharge billed during 2012	$8,537
		c. Accumulated surcharge billed.	$78,747
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$143,990
2003-00224	6/14/2004	Issue of 2004A Bonds	$10,455,000
2003-00224	6/14/2004	SubDistrict K	
		a. Number of Customers as of 12-31-2012	62
		b. Total Surcharge billed during 2012	$8,634
		c. Accumulated surcharge billed.	$61,937
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$134,264
		e. Bond issued 2004, payback $208,824.68, (25years), rate variable	
2003-00404	12/2/2003	Defeasance of 1993, 1195A and 1995B Bonds with Issuance of 2003C Bonds	$23,790,000
2005-00148	4/28/2006	Water Rate Increase & Bond Issuance	$29,000,000
2006-00315	12/26/2007	SubDistrict F	
		a. Number of Customers as of 12-31-2012	48
		b. Total Surcharge billed during 2012	$16,284
		c. Accumulated surcharge billed.	$55,900
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$366,307
		e. Bond issued 2007, payback $415,102.00 (25years), rate variable	
2007-00131	6/27/2007	SubDistrict G	
		a. Number of Customers as of 12-31-2012	119
		b. Total Surcharge billed during 2012	$42,708
		c. Accumulated surcharge billed.	$132,683
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$926,929
		e. Bond issued 2007, payback $1,042,078.00 (25years), rate variable	
2007-00135	12/21/2007	Water Rate Increase & Bond Issuance	$30,075,125
2010-00434	12/20/2010	SubDistrict H	
		a. Number of Customers as of 12-31-2012	56
		b. Total Surcharge billed during 2012	$15,441
		c. Accumulated surcharge billed.	$18,361
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	$1,042,078
		e. Bond issued 2007, payback $1,042,078.00 (25years), rate variable	
2010-00049	1/7/2011	Water Rate Increase & Bond Issuance	$30,830,000
2012-00072	12/20/2012	Water Rate Increase & Bond Issuance	$54,840,000

SubDistrict Annual Report Info **2012**

		Reporting	Funding	Cost
Subdistrict	Case #	Year		
E	2003-000167	2012	Bond 2004	$1,859,684.55
RF	2003-00191	2012	Bond 2004	$213,917.66
K	2003-00224	2012	Bond 2004	$208,824.68
G	2007-00131	2012	Bond 2007	$1,042,078.00
G (Additional)	2010-00473	2012		
F	2006-00315	2012	Bond 2007	$415,102.00
F (Siry & Flatwoods)	2009-00262	2012		
H	2010-00434	2012		

Sub-Districts Integrated in NKWD Overall System

The subdistrict customers are benefiting from extensions of water mains that would otherwise have not been feasible due to limited number of customers in the affected areas and excessive costs to make the extensions. These customers also benefited from grants or low interest loans available to areas containing a high percentage of low to moderate income families.

The surcharge paid by these customers merely reflects the cost of providing service to them. If the extensions to these customers had been made according to the District's "50 foot policy", the customers would have had to make substantial lump sum payments prior to construction. Most could not afford to do so. The surcharge, in effect, provides an installment payment plan for these customers, which allows the payment of that initial cost over a period of years. Because the surcharge is recalculated each year to reflect additional customers and reduction in debt costs, the financial impact is minimized.

The use of the surcharge allows extension of water to areas that the District would not serve due to excessive costs. By imposing the surcharge, more residents are provided access to potable water, which improves public health and safety and reduces the overall cost of water. Most of the residents served in the subdistrict have cisterns or haul water. The cost of water hauling is far greater than the cost being paid to the District for water.

Additionally, the surcharge reflects the Commission's policy of placing the cost of new customers on those customers similar to a system development charge.

The general rate customers benefit from the revenue generated by the Subdistrict customers and from the lower debt cost that results from grants and government subsidized loans. There is no ratemaking or policy reason to change a system that has been in place since 1991 and which has allowed water to be provided to hundreds of residents that did not have access to potable water.

The cost of making the extensions normally associated with the subdistrict would generally be too expensive for the District to consider. Providing extensions to the customers of at no cost would place an expectation of service for no cost for the remaining approximately 1,800 unserved households that cannot be financially afforded by the District and would not be fair to the extisting almost 80,000 District customers that bore the cost of the main that serves them through surcharges, assessments, 50 foot contributions, city assessments or through the cost of their home. The cost would be an unfair burden on the general ratepayers and would not reflect an economical use of the revenue from rates. By imposing the cost of the extension on the customers that most directly benefit and who would otherwise not qualify for a District initiated extension, more customers are served, customers that otherwise would not receive service get service, and general rate payers avoid excessive costs.

The surcharge reflects the Commission's policy of placing the cost of new customers on those customers similar to a system development charge. The general rate customers benefit from the revenue generated by the subdistrict customers and from the lower debt cost that results from grants and government subsidized loans. Additionally, it would be unfair to general customers and particularly to other subdistrict customers to have the debt associated with what would otherwise be new subdistricts paid by existing subdistrict customers.

The purpose of the subdistrict is to aggregate sufficient customers to make the extension of facilities to the residents of the affected areas feasible. There are limited areas in Northern's service area that are unserved. Those areas are widely separated and sparsely populated. Kenton County unserved areas are very similar in nature. By combining areas into subdistricts, the District is able to provide water service to combined high density areas which helps spread the cost among sufficient customers to make the project financially feasible for the District and affordable to the residents. The alternative is the creation of multiple subdistricts, which will increase the cost of each project, minimize the economies of scale and add an additional administrative expense in forming, tracking and accounting for each.

The surcharge paid by these customers merely reflects the cost of providing service to them. If the extensions to these customers had been made according to the District's "50 foot policy" or "100 foot policy", the customers would have had to make substantial lump sum payments prior to construction. Most could not afford to do so. The surcharge, in effect, provides an installment payment plan for these customers, which allows the payment of that initial cost over a period of years. Because the surcharge is recalculated each year to reflect additional customers and reduction in debt costs, the financial impact is minimized. Because many of these customers are served by wells or cisterns, the $30.00 per month surcharge is generally less than the cost of water deliveries per month.

The purpose of any subdistrict is to provide service to areas that otherwise could not be served due to various factors such as location in relation to existing facilities, excessive cost or low customer density. In evaluating the viability of the extension of service the District reviews need for the service, demand from the affected area, cost, funding sources and benefit to the system as a whole. If there is sufficient public demand, and financing can be obtained within the limits of the estimated cost of the project, usually including state or federal loans and grants, the project is subject to approval. However, as part of the final determination of the feasibility of the project, the District reviews the overall hydraulic functioning of the area adjacent to the proposed subdistrict to determine if there are any additional system benefits that could be achieved from extending the facilities. For example, if the existing primary main serving the nearby area is undersized for future growth as shown in the District's Master Hydraulic Plan, it may be economically sound to upgrade that main as part of the subdistrict project to avoid a higher cost in the future to make that same upgrade.

As has been the District's practice in these types of extensions, a 12 inch main is generally installed, rather than an 8 inch, to provide for increased demand and to allow for such services as fire protection. The District contributes the cost differential from the 8 to 12 inch mains because the benefit of the larger mains enhances the system rather than just service to the subdistrict. This allows the District to use the subdistricts to strengthen and improve the local transmission and distributions system to meet population growth and commercial development needs. Based on the benefits of the subdistricts, no adjustment to the subdistrict or surcharge mechanism is necessary.

MAJOR WATER PROJECTS

Instructions: Provide details about each major water project which is planned but has not yet been submitted for approval to the Public Service Commission. For the limited purposed of this report a "Major Project" is defined as one which is not in the ordinary course of business, and which will increase your current utility plant by at least 20%

Brief Project Description (improvement, replacement, building construction, expansion. If expansion, provide the estimated number of new customers):

N/A

Projected Costs and Funding Sources/Amounts:

Approval Status: (Application for financial assistance filed, but not approved; or application approved, but have not advertised for construction bids)

Location: (coummunity, area or nearby roads)

TABLE OF CONTENTS

HISTORY

1. Exact name of utility making this report. (Use the words: "The, Company, Incorporated or Incorporated" only when a part of the corporate name.)

   Northern Kentucky Water District

2. Give the location, street and number, and TELEPHONE NUMBER of the principal office in Kentucky.
   2835 Crescent Springs Road
   Erlanger, Kentucky 41018-0640
   859-578-9898

3. Give name, title, address and TELEPHONE NUMBER of the officer to whom correspondence concerning this report should be addressed.
   Jack Bragg, CPA, CMA
   2835 Crescent Springs Road
   Erlanger, Kentucky 41018

4. Date of organization:

   January 1, 1997

5. If a consolidated or merged entity, name all the previously separate entities.

   Kenton County Water District
   Campbell County Water District

6. Date of each consolidation and each merger

   January 1, 1997

7. State whether the respondent is a water district or association.

Water District under Chapter 74 – KRS

8. Name all operating departments other than water.

None

9. Name of counties in which you furnish water service.

Kenton, Campbell, & Boone

10. Give the number of employees:

Full Time: 142 **Part Time: 16**

Report of: **Northern Kentucky Water District**
Year Ended: **12/31/2012**
Location where books and records are located: **2835 Crescent Springs Road, Erlanger, Ky 41018**

Contacts:

Name	Title	Principal Business Address		Salary Charged Utility	Current Term Expires
Send correspondence to: Jack Bragg	VP of Finance	2835 Crescent Springs Road P.O. Box 41018-0640 Erlanger, Kentucky 41018		xxxxxxxxx	xxxxx
Report prepared by: Jack Bragg	VP of Finance	Same as above		xxxxxxxxx	xxxxx
	Officers and Managers				
Joe Koester	Secretary	Same as above		3,500.00	7/26/2012
Doug Wagner	Chairman	Same as above		6,000.00	8/26/2013
Pat Sommerkamp	Commissioner	Same as above		6,000.00	8/21/2013
Fred Macke	Vice-Chair	Same as above		6,000.00	8/26/2016
Clyde Cunningham	Secretary	Same as above		6,000.00	8/28/2015
David Spaulding	Treasurer	Same as above		6,000.00	8/28/2015
Drew Collins	Commissioner	Same as above		2,500.00	7/31/2016
C. Ronald Lovan	President/CEO	Same as above		xxxxxxxxx	xxxxx

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

Account No. (a)	2012 Account Name (b)	Ref. Page ©	Previous Year (d)	Current Year (e)
	UTILITY PLANT			
101-106	Utility Plant	13	$ 406,764,688	$ 426,832,621
108-110	Less: Accumulated Depreciation and Amortization	13,15-16	(90,272,955)	(98,796,447)
	Net Plant		$ 316,491,733	$ 328,036,174
114-115	Utility Plant Acquisition Adjustments (Net)	16	3,061,871	2,860,751
116	Other Utility Plant Adjustments			
	Total Net Utility Plant		$ 319,553,604	$ 330,896,925
	OTHER PROPERTY & INVESTMENTS			
121	Nonutility Property		$	$
122	Less: Accumulated Depreciation and Amortization			
	Net Nonutility Property		$	$
123	Investment in Asso. Companies	17		
124	Utility Investments	17	40,604,053	41,604,515
125	Other Investments	17	1,613,621	743,593
126-127	Special Funds	17		
	Total Other Property & Investments		$ 42,217,674	$ 42,348,108
	CURRENT AND ACCRUED ASSETS			
131	Cash		$ 14,822,171	$ 18,846,682
132	Special Deposits			
133	Other Special Deposits		26,460,229	14,761,474
134	Working Funds			
135	Temporary Cash Investments			
141-144	Accounts Receivable, Less Accumulated Provision for Uncollectible Accounts	18	5,069,295	5,459,513
145	Accounts Receivable from Associated Companies			
146	Notes Receivable from Associated Companies			
151-153	Materials & Supplies	19	1,198,490	1,241,517
161	Stores Expense			
162	Prepayments	19	280,027	231,973
171	Accrued Interest & Dividends Receivable			
172	Rents Receivable			
173	Accrued Utility Revenues		5,400,000	5,500,000
174	Misc. Current & Accrued Assets			
	Total Current & Accrued Assets		$ 53,230,212	$ 46,041,159

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS (CONT'D)

Account No. (a)	2012 Account Name (b)	Ref. Page c	Previous Year (d)	Current Year (e)
	DEFERRED DEBITS			
181	Unamortized Debt Discount & Expense	20	$ 2,880,967	$ 1,699,118
182	Extraordinary Property losses	21		
183	Preliminary Survey & Investagation Charges			
184	Clearing Accounts			
185	Temporary Facilities			
186	Misc. Deferred Debits	20	3,803,410	(4,070,583)
187	Research & Development Expenditures			
	Total Deferred Debits		$ 6,684,377	$ (2,371,465)
	TOTAL ASSETS AND OTHER DEBITS		$ 421,685,867	$ 416,914,727

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES

Account No. (a)	2012 Account Name (b)	Ref. Page c	Previous Year (d)	Current Year (e)
	Equity Capital			
214	Appropriated Retained Earnings	12	$ 54,296,070	$ 43,107,779
215.1	Retained Earnings from Income Before Contributions	12	$ 32,053,088	$ 50,195,217
215.2	Donated Capital	12	$ 65,052,309	$ 68,131,819
	Total Equity Capital		$ 151,401,467	$ 161,434,815
	LONG-TERM DEBT			
221	Bonds	23	$ 202,386,000	$ 185,902,000
222	Reacquired Bonds			
223	Advances from Asso. Companies			
224	Other Long-Term Debt	22	29,823,471	36,668,857
	Total Long-Term Debt		$ 232,209,471	$ 222,570,857
	CURRENT & ACCRUED LIABILITIES			
231	Accounts Payable		$ 6,409,360	$ 1,483,924
232	Notes Payable	24	25,715,000	25,715,000
233	Acts. Payable to Asso. Co.	24		
234	Notes Payable to Asso. Co.	24		
235	Customer Deposits		14,305	10,054
236	Accrued Taxes	25		
237	Accrued Interest	25	3,994,015	3,703,241
239	Matured Long-Term Debt			
240	Matured Interest			
241	Tax Collections Payable			
242	Misc. Current & Accrued Liabilities	26	1,587,196	(7,014,352)
	Total Current & Accrued Liabilities		$ 37,719,876	$ 23,897,867
	DEFERRED CREDITS			
251	Unamortized Premium on Debt	20	$ 355,053	$ 9,011,188
252	Advances for Construction	21		
253	Other Deferred Credits			
	Total Deferred Credits		355,053	9,011,188
	OPERATING RESERVES			
	Accumulated Provision for:			
261	Property Insurance		$	$
262	Injuries & Damages			
263	Pensions & Benefits			
265	Miscellaneous Operating Reserves			
	Total Operating Reserves		$	$
	TOTAL EQUITY CAPITAL & LIABILITIES		$ 421,685,867	$ 416,914,727

COMPARATIVE OPERATING STATEMENT

Acct. No. (a)	2012 Account Name (b)	Ref. Page c	Previous Year (d)	Current Year (e)
	Utility Operating Income			
	Operating Revenues	27	$ 44,471,055	$ 49,009,681
401	Operating Expenses	28	$ 22,438,174	23,819,883
403	Depreciation Expenses		9,296,885	9,809,081
406	Amortization of Utility Plant Acquisition Adjustment		201,120	201,120
407	Amortization Expense		378,962	348,946
408.1	Taxes Other Than Income	25	564,872	564,698
	Utility Operating Expenses		$ 32,880,013	$ 34,743,728
	Utility Operating Income		$ 11,591,042	14,265,953
413	Income From Utility Plant Leased to Others			
414	Gains (Losses) From Disposition of Utility Property		(35,597)	8,459
	Total Utility Operating Income		$ 11,555,445	$ 14,274,412
	Other Income and Deductions			
415	Revenues From Merchandising, Jobbing and Contract Deductions		$	$
416	Costs and Expenses of Merchandising, Jobbing and Contract Work			
419	Interest & Dividend Income		811,145	831,929
420	Allowance for Funds Used During Construciton			
421	Nonutility Income		(239,673)	(384,846)
426	Miscellaneous Nonutility Expense			
	Total Other Income & Deductions		$ 571,472	447,083
	TAXES APPLICABLE TO OTHER INCOME			
408.2	Taxes Other Than Income		$	$
	Total Taxes Applic. To Other Income		$	$

COMPARATIVE OPERATING STATEMENT - Continued

Account No. (a)	2011 Account Name (b)	Ref. Page ©	Previous Year (d)	Current Year (e)
	INTEREST EXPENSE			
427	Interest Expense		$ 7,746,446	$ 7,933,311
428	Amortization of Debt Discount & Exp.		323,966	(165,654)
429	Amortization of Premiun on Debt		-	-
	Total Interest Expense		$ 8,070,412	$ 7,767,657
	EXTRAORDINARY ITEMS			
433	Extraordinary Income		$	$
434	Extraordinary Deductions			
	Total Extraordinarly Items		$ -	$ -
	NET INCOME		$ 4,056,504	$ 6,953,838

Statement of Retained Earnings

ACCT. No. (a)	2012 (b)	Amount (c)
214	Appropriated Retained Earnings (state balance and purpose of each appropriated amount at year end):	
	Bond Proceeds	$ 14,761,474
	Debt Service and Reserve	$ 16,727,770
	Improvement, Repair and Replacement	$ 11,618,535
	Total Appropriated Retained Earnings.....	$ 43,107,779
215.1	Retained Earnings From Income Before Contributions:	
	Balance Beginning of Year.....	$ 32,053,088
435	Balance Transferred from Net Income Before Contributions.....	$ 6,953,838
	Other Changes to Account:	
436	Appropriations of Retained Earnings.....	$ 11,188,291
439	Adjustments to Retained Earnings (requires Commission approval prior to use):	
	Credits (explain)	$
	Debits (explain)	$
	Balance End of Year.....	$ 50,195,217

		Tapping Fees	Grants	Other	Total
215.2	Donated Capital:				
	Balance Beginning of Year.....	8,767,335	25,045,610	31,239,364	65,052,309
	Credits:				
432	Proceeds from capital contributions.....	336,307	2,743,203	-	3,079,510
	Other Credits (explain)				
	Debits: (explain - Requires Commission Approval)				
	Balance End of Year.....	9,103,642	27,788,813	31,239,364	68,131,819

NET UTILITY PLANT (ACCTS. 101 - 106)

Account No.	Plant Accounts	Total
101	Utility Plant in Service	$ 383,055,791
102	Utility Plant Leased to Others	
103	Property Held for Future Use	
104	Utility Plant Purchased of Sold	
105	Construction Work in Progress	43,776,830
106	Completed Construction Not Classified	
	Total Utility Plant	$ 426,832,621

ACCUMULATED DEPRECIATION (ACCT. 108)

Description	Total
Balance first of year	$ 90,272,955
Credit during year:	
Accruals Charged to Account 108.1	9,809,081
Accruals Charged to Account 108.2	
Accruals Charged to Account 108.3	
Accruals Charged to Other Accounts (specify)	
Salvage	
Other Credits (specify)	
Total Credits	$ 9,809,081
Debits during year:	
Book Cost of Plant Retired	$ 1,285,589
Cost of Removal	
Other Debits (specify)	
Total Debits	$ 1,285,589
Balance end of year	$ 98,796,447

WATER UTILITY PLANT ACCOUNTS

Acct No. (a)	2012 Account Name (b)	End of Previous Year (c)	Additions (d)	Retirement (e)	End of Current Year (f)	.1 Intangible Plant Intan- (g)	.2 SOS & Pumping Plant (h)	.3 Water Treatment Plant (i)	.4 Trans & Distrib Plant (j)	.5 General Plant (k)
301	Organization						$XXXXXXX	$XXXXXXX	$XXXXXXX	$XXXXXXX
302	Franchises						$XXXXXXX	$XXXXXXX	$XXXXXXX	$XXXXXXX
303	Land & Land Rights	$3,291,127			$3,291,127	$XXXXXXX	$29,200	$368,719	$293,659	$2,599,548
304	Structures & Improvements	$84,467,196	$524,667		$84,991,863	$XXXXXXX	$17,237,012	$45,826,177	$9,508,216	$12,420,458
305	Collecting & Impounding Reserviors					$XXXXXXX				
306	Lake, River & Other Intakes	$1,463,171			$1,463,171	$XXXXXXX	$1,463,171			
307	Wells and Springs					$XXXXXXX				
308	Infiltration Galleries & Tunnels									
309	Supply Mains	$2,865,693			$2,865,693	$XXXXXXX	$2,865,693			
310	Power Generation Equipment	$3,491,522			$3,491,522	$XXXXXXX	$1,847,854	$1,643,668		
311	Pumping Equipment	$11,184,147	$117,204	$12,198	$11,289,153	$XXXXXXX	$4,163,499	$1,032,551	$6,093,103	
320	Water Treatment Equipment	$14,786,016	$14,835,506	$12,272	$29,609,250	$XXXXXXX		$29,609,250		
330	Distribution Reserviors & Standpipes	$9,567,870			$9,567,870	$XXXXXXX		$9,567,870		
331	Transmission & Distribution Mains	$150,724,731	$17,452,041	$1,031,359	$167,145,413	$XXXXXXX			$167,145,413	
333	Services	$24,428,613	$1,600,353	$281,775	$25,747,191	$XXXXXXX				$25,747,191
334	Meters & Meter Installations	$16,750,517	$593,386	$186,273	$17,157,630	$XXXXXXX				$17,157,630
335	Hydrants	$7,342,322	$636,590	$59,250	$7,919,662	$XXXXXXX				$7,919,662
336	Backflow Prevention Devices					$XXXXXXX				
339	Other Plant & Misc. Equipment	$3,415,797	$13,993		$3,429,790					$3,429,790
340	Office Furniture & Equipment	$3,434,590	$143,220	$65,247	$3,512,563	$XXXXXXX				$3,512,563
341	Transportation Equipment	$2,886,975	$236,766	$179,197	$2,944,544	$XXXXXXX				$2,944,544
342	Stores Equipment	$262,580			$262,580	$XXXXXXX				$262,580
343	Tools, Shop, & Garage Equipment	$287,357	$32,447	$3,358	$316,446	$XXXXXXX				$316,446
344	Laboratory Equipment	$182,011	$15,498	$2,530	$194,979	$XXXXXXX				$194,979
345	Power Operated Equipment	$961,217	$103,873	$3,200	$1,061,890	$XXXXXXX				$1,061,890
346	Communication Equipment	$6,186,960	$31,738	$2,163	$6,216,535	$XXXXXXX				$6,216,535
347	Miscellaneous Equipment	$576,919			$576,919	$XXXXXXX				$576,919
348	Other Tangible Plant					$XXXXXXX				
	Total Water Plant	$348,557,331	$36,337,282	$1,838,822	$383,055,791	0	$27,606,429	$88,048,235	$183,040,391	$84,360,736

Analysis of Accumulated Depreciation and Amortization by Primary Account

Acct. No. (a)	2012 Account (b)	Balance Beginning of Year c	Credits During the Year: Charges to Dep. Exp. (d)	Credits During the Year: Other Credits (e)	Charges During The Year: Plant Retirements (f)	Charges During The Year: Other Charges (g)	Balance End of Year (h)
301	Organization	$	$	$	$	$	$
302	Franchises						
303	Limited Term Interest in Land and Land Rights						
304	Structures & Improvements	25,939,906	2,622,562				28,562,468
305	Collecting & Impounding Reservoirs						
306	Lake River & Other Intakes	924,013	25,689				949,702
307	Wells & Srpings						
309	Supply Mains	647,008	58,466				705,474
310	Power Generating Equip.	266,925	139,661				406,586
311	Pumping Equipment	6,620,130	512,873		5,503		7,127,500
320	Water Treatment Equip.	5,391,582	730,635		12,272		6,109,945
330	Distribution Reservoirs & Standpipes	4,141,476	304,582				4,446,058
331	Transmissions & Distribution Mains	22,075,658	2,790,614		670,383		24,195,889
333	Services	9,001,647	631,954		183,154		9,450,447
334	Meters & Meter Installations	3,256,711	744,176		121,077		3,879,810
335	Hydrants	1,786,928	195,234		38,513		1,943,649
339	Other Plant & Misc. Equip.	3,187,095	157,295				3,344,390
340	Office Furniture & Equip.	2,328,490	267,997		65,092		2,531,395
341	Transportation Equipment	2,551,839	168,658		179,197		2,541,300
342	Service Equipment						
343	Tools, Shop & Garage Equip.	405,599	50,403		3,276		452,726
344	Shop Equipment	98,439	24,998		1,758		121,679
345	Power Operated Equip.	697,823	64,597		3,200		759,220
346	Telecommunications Equipment	377,106	318,248		2,164		693,190
347	SCADA						
348	Other Tangible Plant	574,580	439				575,019
	Totals	$ 90,272,955	$ 9,809,081	$ -	$ 1,285,589	$ -	$ 98,796,447

ACCUMULATED AMORTIZATION (ACCT. 110)

Description	Total
Balance first of year	$ N/A
Credit during year:	
Accruals Charged to Account 110.1	$
Accruals Charged to Account 110.2	
Other Accruals (specify)	
Total Credits	$
Debits during year:	
Book Cost of Plant Retired	$
Other Debits (specify)	
Total Debits	$
Balance end of year	$

UTILITY PLANT ACQUISITION ADJUSTMENT (ACCTS. 114 - 115)

Report each acquisition adjustment and related accumulated amortization separately.
For any acquisition adjustment approved by the Commission, include the Order Number.

2012 ACCOUNT NAME	TOTAL
Acquisition Adjustments (114)	
Original District 9-14-55	$ 263,366
District # 2 & 3 12-31-73	18,712
Mentor District 9-1-76	10,741
City of Cold Spring	228,253
City of Silver Grove	24,853
Newport Water Works	4,970,211
Total Plant Acquisition Adjustments	$ 5,516,136
Accumulated Amortization (115)	
Original District 9-14-55	$ 263,366
District # 2 & 3 12-31-73	18,712
Mentor District 9-1-76	10,741
City of Cold Spring	228,253
City of Silver Grove	24,853
Newport Water Works	2,109,460
Total Accumulated Amortization	$ 2,655,385
Net Acquisition Adjustments	$ 2,860,751

Investments and Special Funds (Acct. 123-127)

Report hereunder all investments and special funds carried in Account 123-127.

Description of Security or Special Fund (a)	Face or Par Value (b)	Year-End Book Cost c
Investment In Associated Companies (Acct. 123):		
	$	$
Total Investment in Asso. Companies		$
Utility Investments (Acct. 124):		
IRR Account	$	$ 11,618,535
Debt Service Account		13,258,210
Debt Service Reserve Account		16,727,770
Total Utility Investments		$ 41,604,515
Other Investments (Acct. 125):		
Boone County/Florence KY Settlement	$	$ 743,593
Total Other Investments:	$	$ 743,593
Special Funds (Acct. 126 & 127):		
Prepayment Reserve		
Total Special Funds		$ -

ACCOUNTS AND NOTES RECEIVABLE - NET (ACCOUNTS 141 - 144)

Report hereunder all accounts and notes receivable included in Accounts 141,142,and 144. Amounts included in Accounts 142 and 144 should be listed individually.

Description		Total
ACCOUNTS & NOTES RECEIVABLE:		
Customer Accounts Receivable (Acct. 141)		$ 5,240,846
Other Accounts Receivable (Acct. 142)		
Assessments	$ 104,778	
Other	113,889	
		218,667
Notes Receivable (Acct. 144)		
	$	
Total Accounts and Notes Receivable		$ 5,459,513
Accumulated Provision for Uncollectable Accounts (Acct. 143)		
Balance first of year	$ -	
Add: Provision for uncollectables for current year	$	
Collections fo accounts previously written off		
Utility accounts		
Others		
Total Additions	$	
Deduct accounts written off during year:		
Utility Accounts	$	
Other		
Total accounts written off	$	
Balance end of year		$ -
Total Accounts and Notes Receivable		$ 5,459,513

Materials and Supplies (151 - 153)

Account Name	Total
Plant Materials and Supplies (Account 151)	$ 1,241,517
Merchandise (Account 152)	
Other Materials and Supplies (Account 153)	
Total Materials & Supplies	$ 1,241,517

Prepayments (Acct. 162)

Description	Total
Prepaid Insurance	$ 15,940
Prepaid Rents	
Prepaid Interest	
Prepaid Taxes	
Other Prepayments (Specify) Prepaid Antenna Rent Sprint	(6,600)
Expenses/Services	$ 222,633
	-
Total Prepayments	$ 231,973

Miscellaneous Deferred Debits (Acct. 186)

2012 Description	Total
Miscellaneous Deferred Debits (Acct. 186):	
Deferred PSC Assessment	39,001
Deferred Rate Case Expense 2010	39,673
Deferred Rate Case Expense 2012	51,587
Other Deferred Debits	(4,200,844)
Total Miscellaneous Deferred Debits	$ (4,070,583)

Unamortized Debt Discount & Expense & Premium on Debt (Accts. 181 & 251)

Report the net discount & expense or premium separately for each security issue.

Description	Amount Written Off During Year	Year-End Balance
Unamortized Debt Discount & Expense (Acct. 181)		
Bond Issue Cost 1997	$ 2,456	$
Bond Discount 1997	3,368	
Bond Discount 1998	3,785	
Bond Issue Costs 1998	1,574	
Cost of Issue 2001 Bond	1,850	
Discount 2001 Bond	6,519	
Cost of Issue 2002 A	6,866	
Bond Discount 2002 A	13,605	
Cost of Issue 2002 B	9,300	46,114
Cost of Issue 2003 A	1,620	29,450
Bond Discount 2003 A	1,088	20,753
Cost of Issue 2003 B	11,722	180,496
Bond Discount 2003 B	8,520	130,735
Cost of Issue 2003 C	14,938	113,263
Discount 2003 C	7,404	53,086
Cost of issue 2004A Bonds	3,250	54,700
Discount 2004A Bond	7,920	133,222
Bond Discount 2006	6,994	131,142
Cost of Issue Bond 2006	8,640	162,000
Cost of Issue 2009	5,173	109,500
Bond Discount 2009	12,800	270,935
BAN Issue Cost 2009		-
BAN Discount 2009		-
Cost of Issue 2011 Bond	5,417	118,002
Cost of Issue 2011 BAN	30,776	18,681
Cost of Issue 2012 Bond	4,098	127,040
Total Unamortized Debt Discount & Expense	$ 179,683	$ 1,699,118
Unamortized Premium on Debt (Acct. 251):		$
Premium on 2002 B Bond	4,928	24,454
Premium on 2011 Bond	9,804	229,577
Premium on 2011 BAN	49,309	36,982
Premium on 2012 Bond	281,296	8,720,175
Total Unamortized Premium on Debt	$ 345,337	$ 9,011,188

EXTRAORDINARY PROPERTY LOSSES (ACCT. 182)

Report each item separately.

Description	Total
Extraordinary Property Losses (Acct. 182) :	
N/A	$
	$
	$
	$
Total Extraordinary Property Losses	$

ADVANCES FOR CONSTRUCTION (ACCT. 252)

DESCRIPTION N/A	TOTAL
Balance first of year.....	$
Add credits during year.....	$
Deduct charges during year.....	$
Balance end of year.....	$

Long Term Debt (Acct. 224)

Description of Obligation And Amount of Original Issue 2012 (a)	Date of Issue (b)	Date of Maturity (c)	Interest Expense For Year Rate (d)	Amount (e)	Principal per balance Sheet Date (f)
				$	$
Notes Payable City of Taylor Mill	Mar-2004	7/1/2018	0	0	$ 925,000
Kentucky Infrastructure Authority Loans					
-KIA F06-03 MPTP Project	June 2008	2028	3.0%	118,734	$ 3,304,508
- KIA F08-07 Various Capital Projects	June 2009	2029	1.0%	47,541	$ 4,000,000
- KIA C08-01 AMR Project	June 2009	2019	3.0%	183,208	$ 4,939,349
- KIA F09-02 GAC MPTP	June 2010	2030	2.0%	425,071	$ 23,500,000
Total				$ 774,554	$ 36,668,857

Account 221, BONDS

Line No.	Par Value of Actual Issue 1	Cash Realized on Actual Issue 2	Par Value of Amount Held by or for Respondent 3	Actually Outstanding at Close of year 4	Interest During Year	
					Accrued 5	Actually Paid 6
1	11,225,000	11,131,694		-	17,610	34,038
2	11,355,000	11,141,619		-	181,625	346,249
3	2,287,000	2,287,000		1,987,000	99,917	100,200
4	16,325,000	15,835,250		-	328,217	617,314
5	45,485,000	44,121,624		-	950,140	1,807,251
6	10,575,000	10,525,204		4,200,000	173,327	187,244
7	1,615,000	1,583,553		1,280,000	57,249	57,866
8	30,270,000	30,068,115		22,150,000	874,109	887,065
9	23,790,000	23,532,357		12,250,000	491,825	512,169
10	10,455,000	10,195,116		8,095,000	348,162	352,563
11	29,000,000	28,736,444		24,815,000	1,035,271	1,049,188
12	29,290,000	27,430,236		26,280,000	1,470,834	1,481,694
13	30,830,000	28,862,016		30,005,000	1,241,225	1,251,288
14	54,840,000	-		54,840,000	1,408,322	296,489
Total	307,342,000	245,450,228	-	185,902,000	8,677,833	8,980,618

Schedule of Bond Maturities

Line No.	Bond Numbers 7	Maturity Date 8	Interest Rate 9	Principal Amount 10	Amount Paid 11	Remaining Bonds Outstanding 12
1						
2		**See Attachments 23.1 Through 23.10**				
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Northern Kentucky Water Service District FmHA Loan $2,287,000 - 2000					Attachment 23.3
Year	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
2000			0.00	0.00	0.00
2001			0.00	0.00	0.00
2002			21,000.00	21,000.00	0.00
2003			22,000.00	22,000.00	0.00
2004			24,000.00	24,000.00	0.00
2005			24,000.00	24,000.00	0.00
2006			26,000.00	26,000.00	0.00
2007			27,000.00	27,000.00	0.00
2008			28,000.00	28,000.00	0.00
2009			30,000.00	30,000.00	0.00
2010			31,000.00	31,000.00	0.00
2011			33,000.00	33,000.00	0.00
2012			34,000.00	34,000.00	0.00
2013			36,000.00		36,000.00
2014			38,000.00		38,000.00
2015			40,000.00		40,000.00
2016			42,000.00		42,000.00
2017			44,000.00		44,000.00
2018			46,000.00		46,000.00
2019			49,000.00		49,000.00
2020			51,000.00		51,000.00
2021			54,000.00		54,000.00
2022			56,000.00		56,000.00
2023			59,000.00		59,000.00
2024			62,000.00		62,000.00
2025			65,000.00		65,000.00
2026			68,000.00		68,000.00
2027			72,000.00		72,000.00
2028			75,000.00		75,000.00
2029			79,000.00		79,000.00
2030			83,000.00		83,000.00
2031			87,000.00		87,000.00
2032			92,000.00		92,000.00
2033			96,000.00		96,000.00
2034			102,000.00		102,000.00
2035			107,000.00		107,000.00
2036			112,000.00		112,000.00
2037			118,000.00		118,000.00
2038			124,000.00		124,000.00
2039			130,000.00		130,000.00
Totals			**2,287,000.00**	**300,000.00**	**1,987,000.00**

Northern Kentucky Water Service District Bond Issue $10,575,000.00 Dated 12/5/2002					Attachment 23.6
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	12/5/2002				
Registered	2/1/2003	3.00%	535,000.00	535,000.00	0.00
Registered	2/1/2004	3.00%	455,000.00	455,000.00	0.00
Registered	2/1/2005	3.00%	490,000.00	490,000.00	0.00
Registered	2/1/2006	3.00%	530,000.00	530,000.00	0.00
Registered	2/1/2007	3.50%	580,000.00	580,000.00	0.00
Registered	2/1/2008	3.50%	625,000.00	625,000.00	0.00
Registered	2/1/2009	3.50%	745,000.00	745,000.00	0.00
Registered	2/1/2010	3.75%	775,000.00	775,000.00	0.00
Registered	2/1/2111	4.00%	805,000.00	805,000.00	0.00
Registered	2/1/2012	4.00%	835,000.00	835,000.00	0.00
Registered	2/1/2013	4.00%	870,000.00		870,000.00
Registered	2/1/2114	4.00%	900,000.00		900,000.00
Registered	2/1/2115	4.00%	930,000.00		930,000.00
Registered	2/1/2116	4.00%	965,000.00		965,000.00
Registered	2/1/2117	4.00%	535,000.00		535,000.00
TOTALS			**10,575,000.00**	**6,375,000.00**	**4,200,000.00**

Northern Kentucky Water Service District Bond Issue $1,615,000.00 Dated 3/13/2003					Attachment 23.7
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2004	1.20%	35,000.00	35,000.00	0.00
Registered	2/1/2005	1.38%	35,000.00	35,000.00	0.00
Registered	2/1/2006	1.75%	35,000.00	35,000.00	0.00
Registered	2/1/2007	2.20%	35,000.00	35,000.00	0.00
Registered	2/1/2008	2.60%	35,000.00	35,000.00	0.00
Registered	2/1/2009	3.00%	40,000.00	40,000.00	0.00
Registered	2/1/2010	3.30%	40,000.00	40,000.00	0.00
Registered	2/1/2111	3.55%	40,000.00	40,000.00	0.00
Registered	2/1/2012	3.37%	40,000.00	40,000.00	0.00
Registered	2/1/2013	3.85%	45,000.00		45,000.00
Registered	2/1/2114	3.95%	45,000.00		45,000.00
Registered	2/1/2115	4.05%	45,000.00		45,000.00
Registered	2/1/2116	4.15%	50,000.00		50,000.00
Registered	2/1/2117	4.25%	50,000.00		50,000.00
Registered	2/1/2118	4.50%	55,000.00		55,000.00
Registered	2/1/2119	4.50%	55,000.00		55,000.00
Registered	2/1/2020	4.50%	60,000.00		60,000.00
Registered	2/1/2121	4.50%	60,000.00		60,000.00
Registered	2/1/2022	4.50%	65,000.00		65,000.00
Registered	2/1/2023	4.55%	65,000.00		65,000.00
Registered	2/1/2024	4.55%	70,000.00		70,000.00
Registered	2/1/2025	4.55%	75,000.00		75,000.00
Registered	2/1/2026	4.55%	75,000.00		75,000.00
Registered	2/1/2027	4.55%	80,000.00		80,000.00
Registered	2/1/2028	4.60%	85,000.00		85,000.00
Registered	2/1/2029	4.60%	85,000.00		85,000.00
Registered	2/1/2030	4.60%	90,000.00		90,000.00
Registered	2/1/2031	4.60%	95,000.00		95,000.00
Registered	2/1/2032	4.60%	30,000.00		30,000.00
TOTALS			**1,615,000.00**	**335,000.00**	**1,280,000.00**

Northern Kentucky Water Service District Bond Issue : $30,270,000.00 Dated 8/1/2003					Attachment 23.8
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2004	2.00%	825,000.00	825,000.00	0.00
Registered	2/1/2005	2.00%	845,000.00	845,000.00	0.00
Registered	2/1/2006	2.00%	860,000.00	860,000.00	0.00
Registered	2/1/2007	2.00%	880,000.00	880,000.00	0.00
Registered	2/1/2008	2.25%	895,000.00	895,000.00	0.00
Registered	2/1/2009	2.75%	915,000.00	915,000.00	0.00
Registered	2/1/2010	3.00%	940,000.00	940,000.00	0.00
Registered	2/1/2111	3.13%	965,000.00	965,000.00	0.00
Registered	2/1/2012	3.13%	995,000.00	995,000.00	0.00
Registered	2/1/2013	3.13%	1,030,000.00		1,030,000.00
Registered	2/1/2114	3.25%	1,060,000.00		1,060,000.00
Registered	2/1/2115	3.50%	1,095,000.00		1,095,000.00
Registered	2/1/2116	4.00%	1,135,000.00		1,135,000.00
Registered	2/1/2117	4.00%	1,175,000.00		1,175,000.00
Registered	2/1/2118	4.00%	1,225,000.00		1,225,000.00
Registered	2/1/2119	4.13%	1,275,000.00		1,275,000.00
Registered	2/1/2020	4.13%	1,325,000.00		1,325,000.00
Registered	2/1/2121	4.13%	1,380,000.00		1,380,000.00
Registered	2/1/2022	4.13%	1,440,000.00		1,440,000.00
Registered	2/1/2023	4.13%	1,500,000.00		1,500,000.00
Registered	2/1/2024	4.13%	1,565,000.00		1,565,000.00
Registered	2/1/2025	4.13%	1,630,000.00		1,630,000.00
Registered	2/1/2026	4.13%	1,700,000.00		1,700,000.00
Registered	2/1/2027	4.13%	1,770,000.00		1,770,000.00
Registered	2/1/2028	4.13%	1,845,000.00		1,845,000.00
TOTALS			**30,270,000.00**	**8,120,000.00**	**22,150,000.00**

Northern Kentucky Water Service District Bond Issue : $23,790,000.00 Dated 12/18/2003					Attachment 23.9
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2004	2.00%	1,430,000.00	1,430,000.00	0.00
Registered	2/1/2005	2.00%	1,160,000.00	1,160,000.00	0.00
Registered	2/1/2006	2.00%	1,180,000.00	1,180,000.00	0.00
Registered	2/1/2007	2.25%	1,215,000.00	1,215,000.00	0.00
Registered	2/1/2008	2.50%	1,235,000.00	1,235,000.00	0.00
Registered	2/1/2009	2.75%	1,270,000.00	1,270,000.00	0.00
Registered	2/1/2010	3.00%	1,305,000.00	1,305,000.00	0.00
Registered	2/1/2111	3.25%	1,350,000.00	1,350,000.00	0.00
Registered	2/1/2012	3.50%	1,395,000.00	1,395,000.00	0.00
Registered	2/1/2013	3.50%	1,445,000.00		1,445,000.00
Registered	2/1/2114	4.00%	1,505,000.00		1,505,000.00
Registered	2/1/2115	4.00%	1,565,000.00		1,565,000.00
Registered	2/1/2116	4.00%	1,625,000.00		1,625,000.00
Registered	2/1/2117	4.00%	1,690,000.00		1,690,000.00
Registered	2/1/2118	4.00%	1,595,000.00		1,595,000.00
Registered	2/1/2119	4.13%	1,665,000.00		1,665,000.00
Registered	2/1/2020	4.25%	1,160,000.00		1,160,000.00
TOTALS			**23,790,000.00**	**11,540,000.00**	**12,250,000.00**

Northern Kentucky Water Service District					Attachment 23.10
Bond Issue	$10,455,000.00	11/18/2024			
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2005	2.000%	270,000.00	270,000.00	0.00
Registered	2/1/2006	2.000%	275,000.00	275,000.00	0.00
Registered	2/1/2007	2.125%	285,000.00	285,000.00	0.00
Registered	2/1/2008	2.375%	290,000.00	290,000.00	0.00
Registered	2/1/2009	2.625%	295,000.00	295,000.00	0.00
Registered	2/1/2010	3.000%	305,000.00	305,000.00	0.00
Registered	2/1/2111	3.000%	315,000.00	315,000.00	0.00
Registered	2/1/2012	3.250%	325,000.00	325,000.00	0.00
Registered	2/1/2013	3.375%	335,000.00		335,000.00
Registered	2/1/2014	3.500%	345,000.00		345,000.00
Registered	2/1/2015	4.000%	360,000.00		360,000.00
Registered	2/1/2016	4.000%	375,000.00		375,000.00
Registered	2/1/2017	4.000%	390,000.00		390,000.00
Registered	2/1/2018	4.000%	405,000.00		405,000.00
Registered	2/1/2019	4.000%	425,000.00		425,000.00
Registered	2/1/2022	4.500%	1,385,000.00		1,385,000.00
Registered	2/1/2024	4.500%	1,035,000.00		1,035,000.00
Registered	2/1/2026	4.000%	1,135,000.00		1,135,000.00
Registered	2/1/2029	4.500%	1,905,000.00		1,905,000.00
TOTALS			**10,455,000.00**	**2,360,000.00**	**8,095,000.00**

Northern Kentucky Water Service District					Attachment 23.11
Bond Issue	9/1/2006	$29,000,000.00			
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2007	4.000%	300,000.00	300,000.00	0.00
Registered	2/1/2008	4.000%	720,000.00	720,000.00	0.00
Registered	2/1/2009	4.000%	750,000.00	750,000.00	0.00
Registered	2/1/2010	4.000%	775,000.00	775,000.00	0.00
Registered	2/1/2111	4.000%	805,000.00	805,000.00	0.00
Registered	2/1/2012	4.000%	835,000.00	835,000.00	0.00
Registered	2/1/2013	4.000%	870,000.00		870,000.00
Registered	2/1/2114	4.000%	900,000.00		900,000.00
Registered	2/1/2115	4.000%	940,000.00		940,000.00
Registered	2/1/2116	4.000%	980,000.00		980,000.00
Registered	2/1/2117	4.000%	1,020,000.00		1,020,000.00
Registered	2/1/2118	4.000%	970,000.00		970,000.00
Registered	2/1/2119	4.000%	1,010,000.00		1,010,000.00
Registered	2/1/2020	4.125%	1,320,000.00		1,320,000.00
Registered	2/1/2021	4.125%	1,205,000.00		1,205,000.00
Registered	2/1/2022	4.125%	1,255,000.00		1,255,000.00
Registered	2/1/2023	4.125%	1,420,000.00		1,420,000.00
Registered	2/1/2024	4.125%	1,375,000.00		1,375,000.00
Registered	2/1/2025	4.125%	1,440,000.00		1,440,000.00
Registered	2/1/2027	4.250%	3,075,000.00		3,075,000.00
Registered	2/1/2029	4.250%	3,360,000.00		3,360,000.00
Registered	2/1/2031	4.273%	3,675,000.00		3,675,000.00
TOTALS			**29,000,000.00**	**4,185,000.00**	**24,815,000.00**

Northern Kentucky Water Service District					Attachment 23.12
Bond Issue	01/06/09	$29,200,000.00			
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2009	3.750%	1,000,000.00	1,000,000.00	0.00
Registered	2/1/2010	3.750%	645,000.00	645,000.00	0.00
Registered	2/1/2111	3.750%	670,000.00	670,000.00	0.00
Registered	2/1/2012	3.750%	695,000.00	695,000.00	0.00
Registered	2/1/2013	3.750%	720,000.00		720,000.00
Registered	2/1/2114	4.000%	750,000.00		750,000.00
Registered	2/1/2115	4.125%	780,000.00		780,000.00
Registered	2/1/2116	4.250%	815,000.00		815,000.00
Registered	2/1/2117	4.750%	850,000.00		850,000.00
Registered	2/1/2118	5.000%	895,000.00		895,000.00
Registered	2/1/2119	5.000%	940,000.00		940,000.00
Registered	2/1/2020	5.125%	990,000.00		990,000.00
Registered	2/1/2021	5.250%	1,040,000.00		1,040,000.00
Registered	2/1/2022	5.375%	1,100,000.00		1,100,000.00
Registered	2/1/2023	5.500%	1,160,000.00		1,160,000.00
Registered	2/1/2024	5.700%	1,225,000.00		1,225,000.00
Registered	2/1/2025	5.775%	1,300,000.00		1,300,000.00
Registered	2/1/2027	5.750%	1,375,000.00		1,375,000.00
Registered	2/1/2029	6.000%	1,460,000.00		1,460,000.00
Registered	2/1/2031	6.000%	1,550,000.00		1,550,000.00
Registered	2/1/2029	6.000%	1,645,000.00		1,645,000.00
Registered	2/1/2030	6.000%	1,745,000.00		1,745,000.00
Registered	2/1/2031	6.000%	1,855,000.00		1,855,000.00
Registered	2/1/2032	6.500%	1,975,000.00		1,975,000.00
Registered	2/1/2033	6.500%	2,110,000.00		2,110,000.00
TOTALS			**29,290,000.00**	**3,010,000.00**	**26,280,000.00**

Northern Kentucky Water Service District					Attachment 23.13
Bond Issue	05/31/11	$30,830,000.00			
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2012	3.000%	825,000.00	825,000.00	0.00
Registered	2/1/2013	3.000%	850,000.00		850,000.00
Registered	2/1/2114	3.000%	875,000.00		875,000.00
Registered	2/1/2115	3.000%	900,000.00		900,000.00
Registered	2/1/2116	3.000%	930,000.00		930,000.00
Registered	2/1/2117	3.000%	960,000.00		960,000.00
Registered	2/1/2118	3.000%	985,000.00		985,000.00
Registered	2/1/2119	3.000%	1,015,000.00		1,015,000.00
Registered	2/1/2020	4.000%	1,055,000.00		1,055,000.00
Registered	2/1/2021	4.000%	1,095,000.00		1,095,000.00
Registered	2/1/2022	4.000%	1,140,000.00		1,140,000.00
Registered	2/1/2023	4.000%	1,185,000.00		1,185,000.00
Registered	2/1/2024	4.000%	1,235,000.00		1,235,000.00
Registered	2/1/2025	4.000%	1,285,000.00		1,285,000.00
Registered	2/1/2027	4.125%	1,340,000.00		1,340,000.00
Registered	2/1/2029	4.250%	1,395,000.00		1,395,000.00
Registered	2/1/2031	4.250%	1,460,000.00		1,460,000.00
Registered	2/1/2029	4.250%	1,520,000.00		1,520,000.00
Registered	2/1/2030	4.500%	1,590,000.00		1,590,000.00
Registered	2/1/2031	4.500%	1,660,000.00		1,660,000.00
Registered	2/1/2032	5.000%	3,580,000.00		3,580,000.00
Registered	2/1/2033	5.000%	3,950,000.00		3,950,000.00
TOTALS			**30,830,000.00**	**825,000.00**	**30,005,000.00**

Northern Kentucky Water Service District					Attachment 23.14
Bond Issue	06/21/12	$54,840,000.00			
Bond Number	Maturity Date	Interest Rate	Principal Amount	Amounts Paid	Outstanding
Registered	2/1/2013	4.000%	1,725,000.00		1,725,000.00
Registered	2/1/2014	4.000%	1,800,000.00		1,800,000.00
Registered	2/1/2015	4.000%	1,875,000.00		1,875,000.00
Registered	2/1/2016	4.000%	1,960,000.00		1,960,000.00
Registered	2/1/2017	5.000%	2,530,000.00		2,530,000.00
Registered	2/1/2018	5.000%	3,475,000.00		3,475,000.00
Registered	2/1/2019	5.000%	3,650,000.00		3,650,000.00
Registered	2/1/2020	5.000%	4,150,000.00		4,150,000.00
Registered	2/1/2021	5.000%	4,365,000.00		4,365,000.00
Registered	2/1/2022	5.000%	4,590,000.00		4,590,000.00
Registered	2/1/2023	5.000%	4,720,000.00		4,720,000.00
Registered	2/1/2024	5.000%	4,970,000.00		4,970,000.00
Registered	2/1/2025	5.000%	5,220,000.00		5,220,000.00
Registered	2/1/2026	5.000%	5,495,000.00		5,495,000.00
Registered	2/1/2027	5.000%	4,315,000.00		4,315,000.00
TOTALS			54,840,000.00	0.00	54,840,000.00

Notes Payable (Acct. 232 & 234)

2011 a	Nominal Date of Issue b	Date of Maturity c	INTEREST Rate d	INTEREST Amount of payment e	Principal Amount per Balance Sheet f
Account 232 - Note Payable					
Campbell Co. Fiscal Court			0.00%	$	$ 100,000
BAN 2011			2.00%		25,615,000
Total Account 232				$	$ 25,715,000
Account 234 - Notes Payable To Associated Companies		N/A		$	$
l Account 234				$	$

Accounts Payable to Associated Companies (Acct. 233)

Show Payable to Each Associated Company Separately	Amount
	$
N/A	
Total	$

TAXES ACCRUED (ACCOUNT 236)

ACCT. NO. (a)	2012 DESCRIPTION (b)	TOTAL ©
	Balance first of year	$ -
	Accruals Charged:	
408.1	Utility regulatory assessment fees	
408.11	Property taxes	
408.12	Payroll taxes	564,698
408.13	Other taxes and licenses	
408.2	Taxes other than income, other income and deductions	
	Total taxes accrued	$ 564,698
	Taxes paid during year:	
408.1	Utility regulatory assessment fees	
408.11	Property taxes	
408.12	Payroll taxes	564,698
408.13	Other taxes and licenses	
408.2	Taxes other than income, other income and deductions	
	Total taxes paid	$ 564,698
	Balance end of year	$ -

ACCRUED INTEREST (ACCOUNT 237)

DESC. DEBT (a)	BALANCE BEGINNING OF YEAR (b)	INTEREST ACCRUED DURING YEAR (c)	INTEREST PAID DURING YEAR (d)	BALANCE END OF YEAR (e)
Acct. No. 237.1 - Accured Interest on Long-term Debt				
Series 1997	16,428	17,610	34,038	-
Series 1998	164,624	181,625	346,249	-
2000 RUS Loan	16,839	99,917	100,200	16,556
Series 2001	289,097	328,217	617,314	-
Series 2002 A	857,111	950,140	1,807,251	-
Series 2002 B	84,977	173,327	187,244	71,060
Series 2003 A	24,419	57,249	57,866	23,802
Series 2003 B	376,089	874,109	887,065	363,133
Series 2003 C	223,576	491,825	512,169	203,232
Series 2004 A	149,103	348,162	352,563	144,702
Series 2006	444,119	1,035,271	1,049,188	430,202
Series 2009	622,803	1,470,834	1,481,694	611,943
Series 2011	526,651	1,241,225	1,251,288	516,588
Series 2012	-	1,408,322	296,489	1,111,833
Total Acct No. 237.1	$ 3,795,836	$ 8,677,833	$ 8,980,618	$ 3,493,051
Acct. No. 237.2 - Accured Interest on Other Liabilities:				
BAN # 1-4 KIA	$ 198,179	1,234,206	1,222,195	$ 210,190
		-		-
Total Acct No. 237.2	$ 198,179	$ 1,234,206	$ 1,222,195	$ 210,190
Total Acct No 237	$ 3,994,015	$ 9,912,039	$ 10,202,814	$ 3,703,241

Gross interest expense	9,897,610
Less Surcharges	(642,445)
Less Capitalized Interest	(1,321,854)
Interest Expense	7,933,311

Miscellaneous Current & Accrued Liabilities (Account 242)

2012 Description (a)	Balance End of Year (b)
Accrued Payroll Taxes & Misc	$ (8,886,464)
Accrued Payroll	220,624
Accrued Sales Taxes	100,743
Accrued Pension	146,177
Accrued Vacation/Sick	776,091
Subdistrict Surcharges Payable	628,477
Total Miscellaneous Current & Accrued Liabilities.....	$ (7,014,352)

Regulatory Commission Expense (Accounts 666 and 667)

2012 DESCRIPTION OF CASE (DOCKET #) (a)	TOTAL INCURRED DURING YEAR (b)	AMOUNT TRANSFERRED TO ACCOUNT # 186.1 (c)	EXPENSED DURING YEAR	
			ACCT. (d)	AMOUNT (e)
Rate Case 2010-00094	$ -	$ 39,673	667	$ 39,673
Rate Case 2012-00072	$ 51,587	$ 51,587	667	$ -

WATER OPERATING REVENUE

Acct No. (a)	2012 Description (b)	Beginning Year No. Customer (c)	Year End Number Customers (d)		Amounts (e)
	Operating Revenues:				
460	Unmeter Water Revenue			$	
461	Meter Water Revenue:			$	
461.1	Sales to Residential Customers	73,942	74,140	$	29,194,599
461.2	Sales to Commercial Customers	4,165	4,158	$	7,185,168
461.3	Sales to Industrial Customers	109	110	$	3,388,321
461.4	Sales to Public Authorities	490	494	$	2,251,014
461.5	Sales to Multiple Family Dwellings	1,649	1,655	$	3,812,372
461.6	Sales through Bulk Loading Stations			$	86,443
	Total Metered Sales	80,355	80,557	$	45,917,917
462	Fire Protection Revenue:			$	
462.1	Public Fire Protection			$	
462.2	Private Fire Protection	0	0	$	42,468
	Total Fire Protection Revenue	0	0	$	42,468
464	Other Sales to Public Authorities			$	
465	Sales to			$	
466	Sales for Resale	3	3	$	1,283,290
467	Interdepartmental Sale			$	
	Total Sales of Water	80,358	80,560	$	47,243,675
	Other Water Revenues:				
469	Guaranteed Revenues			$	
470	Forfeited Discounts			$	837,746
471	Miscellaneous Service Revenues			$	
472	Rents from Water Property			$	562,965
473	Interdepartmental Rents			$	
474	Other Water Revenues			$	365,295
	Total Other Water Revenues			$	1,766,006
	Total Water Operating Revenues			$	49,009,681

WATER UTILITY ENSE ACCOUNTS

Acct No (a)	2012 Account Name (b)	Current Year (c)	WATER EXPENSE ACCOUNT MATRIX .1 Source of Supply & Pumping Expense-Operation (d)	.2 Source of Supply & Pumping Expense-Maintenance. (e)	.3 Water Treatment Expense-Operation (f)	.4 Water Treatment Expense-Maintenance. (g)	.5 Trans & Distribution. Expense-Operation (h)	.6 Trans & Distribution. Expense-Maintenance. (i)	.7 Customer Accounts Expense (j)	.8 Adminis-Trative & General Expenses (k)
601	Salaries & Wage - Employees	$7,923,134			$1,490,355	$623,250	$849,851	$2,435,243	$1,480,913	$1,043,522
603	Salaries & Wage - Officers	$36,000								$36,000
604	Employee Pensions & Benefits	$3,870,440			$693,432	$115,804	$870,232	$1,039,986	$700,457	$450,529
610	Purchased Water									
615	Purchased Power	$2,432,027	$789,010		$296,814		$1,208,448			$137,755
616	Fuel for Power Production	$76,881			$73,838		$3,043			
618	Chemicals	$1,493,552			$1,493,552					
620	Materials & Supplies	$2,036,342		$12,700	$225,874	$284,911	$128,008	$1,059,017	$234,993	$90,839
631	Contractual Services - Accounting	$28,290								$28,290
633	Contractual Services - Engineering	$137,415			$2,826		$34,391		$7,816	$92,382
634	Contractual Services - Mgt. Fees	$448								$448
635	Contractual Services - Water Testing	$3,111,492	$2,537		$323,167	$233,340	$71,653	$1,150,839	$364,288	$965,668
636	Contractual Services - Other	$0								
641	Rental of Bldg./Real Property	$0								
642	Rental of Equipment	$9,789						$9,039		$750
650	Transportation Expenses	$578,957			$44,801	$7,290	$56,720	$342,819	$112,859	$14,468
656	Insurance - Vehicles	$33,417			$5,529		$18,538		$7,805	$1,545
657	Insurance - General Liability	$378,816			$121,135		$200,848		$37,855	$18,978
658	Insurance - Workers Compensation	$63,192			$16,713		$26,013		$14,564	$5,902
659	Insurance - Other	$65,752			$57,718					$8,034
660	Advertising Expenses	$18,786								$18,786
666	Regulatory Commission Expense -	$0								
	Amortization of Rate Case Expenses	$0								
667	Regulatory Commission Expense - Other	$112,112								$112,112
668	Water Resource Conservation									
670	Bad Debt Expense	$552,926							$552,926	
675	Miscellaneous Expenses	$860,115			$6,261		$6,902	$10,843	$6,301	$829,808
699	Taxes	$0								
	Total Water Utility Expenses	$23,819,883	$791,547	$12,700	$4,852,015	$1,264,595	$3,474,647	$6,047,786	$3,520,777	$3,855,816

Pumping and Purchased Water Statistics

2012 a	Water Purchased for Resale (Omit 000's) b	Water Pumped From Plants (Omit 000's) c	Total Water Pumped and Purchased (Omit 000's) d	Water Sold to Customers (Omit 000's) e
			-	
January		758,671.3	758,671.3	518,144.8
February		726,203.5	726,203.5	463,474.7
March		760,373.8	760,373.8	791,790.5
April		745,237.6	745,237.6	508,419.3
May		887,029.0	887,029.0	480,301.1
June		1,045,563.5	1,045,563.5	887,959.3
July		1,138,775.5	1,138,775.5	654,936.9
August		1,033,258.5	1,033,258.5	610,975.6
September		828,249.0	828,249.0	1,248,689.4
October		783,661.0	783,661.0	678,266.7
November		736,302.0	736,302.0	551,395.3
December		751,065.0	751,065.0	899,337.8
Total for year		10,194,389.7	10,194,389.7	8,293,691.4

Maximum gallons pumped by all methods in any one day: (Omit 000's) 6/28/2012	46,287.0
Minimum gallons pumped by all methods in any one day (Omit 000's): 12/25/2012	20,478.0

If water is purchased for resale, indicate the folloinwg:

Vendor: _____

Point of delivery: _____

If water is sold to other water utilities for redistribution, list names of such utilities below:

		Maximum Daily	Maximum Monthly
Pendleton County Water District @ KY17	000's	269	8,056
City of Walton	000's	574	17,220
Bullock Pen Water District	000's	501	15,517

Sales for Resale (466)

2012

Line	Company	Gallons(000's)	Avg. Rate (Cents)	Amount
1	Pendleton County Water Dist.	171,652.5	3.05/1,000gals	$539,295.05
2	City of Walton	153,447.8	3.05/1,000gals	$477,776.42
3	Bullock Pen Water District	84,345.9	3.05/1,000gals	$266,218.95
4				
5				
6				
7				
8				
Total		**409,446.2**		**$1,283,290.42**

WATER STATISTICS

Line	Item	Gallons (000's)
1	**WATER PRODUCED, PURCHASED, & DISTRIBUTED**	
2	Water Produced	10,194,389.7
3	Water Purchased	
4	**TOTAL PRODUCED AND PURCHASED**	**10,194,389.7**
5		
6	**WATER SALES:**	
7	Residential	5,474,010.5
8	Commercial	1,516,157.1
9	Industrial	868,858.3
10	Irrigation	
11	Resale	409,446.2
12	Other Sales	25,219
13	**TOTAL WATER SALES**	**8,293,691.4**
14		
15	**OTHER WATER USED (estimate portions not metered)**	
16	Utility/water treatment plant	129,839.0
17	Wastewater plant	
18	System flushing	259,272.0
19	Fire Department	
20	Other (construction, flushing, disinfection, ect.)	52,983.4
21	**TOTAL OTHER WATER USED**	**442,094.4**
22		
23	**Water Loss:**	
24	Tank Overflows	
25	Line Breaks	73,166
26	Line Leaks	
27	Other	1,385,438
28	**Total Line Loss**	**1,458,604**
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	**10,194,390.2**
31		
32	**UNACCOUNTED-FOR WATER LOSS PERCENTAGE**	1,458,603.90
33	Line 28 divided by Line 4	14.31%

PLANT STATISTICS

Give the following information:

1 Number of fire hydrants, by size.
2 Number of private fire hydrants, by size.
3 Whether water supply is river, impounded streams, well, springs, artificial lake or collector type well.
4 Whether supply is by gravity, pumping, or a combination .
5 Type, capacity, and elevation of resrviors at overflow and ground level.
6 Miles of main by size and kind.
7 Types of filters: gravity or pressure, number of units, and total rated capacity in gallons per minute.
8 Type of chlorinators, number of units and capacity in pounds per 24 hours.
9 Station equipment. List each pump separately, giving type and capacity and H.P. of driving unit and character of driving unit (steam, electric, or internal combustion). State whether pump is high or low duty.
10 Quantity of fuel used: coal in pounds, gas in cu. ft., oil in gallons, and electric in KWH .
11 Give a description and total cost of any sizable additions or retirements to plant in service outside the normal system growth for the period covered by this report.
12 Capacity of clear well.
13 Peak month, in gallons of water sold.
14 Peak day, in gallons of water sold.

1) Kenton County 7,574; Campbell County 3,295.

2) 82.

3) Rivers: Ohio River and the Liking River.

4) Plants are pumped; Distribution is combination of pumped and gravity.

5) See attached **33A.**

6) See attached **33B.**

7) Fort Thomas Treatment Plant
12 - Gravity, each 560 sq. ft. - Rated at 5 gpm/ft2

Taylor Mill Treatment Plant
8 - Gravity, each 270 sq. ft. - Rated at 5 gpm/ft2

Memorial Parkway Treatment Plant
6 - Gravity, each 612 sq. ft.
Actiflo 24gpm/ft2

8) See attached **33C**

9) See attached **33D**

10) **N/A**

11) None

PLANT STATISTICS Cont.

12) Fort Thomas Treatment Plant
1 - 3 million gallons
1 - 3 1/2 million gallons

Taylor Mill Treatment Plant
1 - 1 million gallons

Memorial Parkway Treatment Plant
1 - 3 million gallons

13) September 2012 - 1,248,689,480gals

14) N/A

Water Storage Facilities
Northern Kentucky Water District
Updated: 3/20/2012

Attachment 33A

Storage Location	Address	City Location	Type Of Storage	Year In Service	Structure Height (Feet)	Base Elevation (Feet)	Top Elevation (Feet)	Overflow Elevation (Feet)	Normal Elevation (Feet)	Normal Elevation (Feet)	Diameter (Feet)	Capacity (Gallons)
Aqua Drive	100 Aqua Drive	Cold Spring	Hydropillar	1990	184	847		1017				2,000,000
Barrington Road	2 Barrington Road	Ft. Wright	Hydropillar	1969	141	916.5	1057.5	1046.7	1045.0	1040.0	74	1,000,000
Bromley	1674 Highwater Road	Bromley	Ground Storage	1966	103	670.0	773.0	764.0	763.0	750.0	75	3,000,000
Dayton Avenue	2816 Dayton St.	Dayton	Ground Storage	1930	50			829.0			41	500,000
Devon	US 25	Florence	Hydropillar	1991	156	939.5		1082.0		1042.0	100	2,000,000
Dudley Pike	796 Dudley Pike	Edgewood	Ground Storage	1964	59	831.0	889.5	876.0	874.0	866.0	140	5,000,000
Dudley Pike	796 Dudley Pike	Edgewood	Ground Storage	1990	59	831.0	889.5	876.0	874.0	866.0	140	5,000,000
Ft. Thomas Plant	700 Alexandria Pike	Ft. Thomas	Clearwell	1936	31	734.0	765.3	764.5	762.0	760.0		3,000,000
Ft. Thomas Plant	700 Alexandria Pike	Ft. Thomas	Clearwell	1990	35	730.0	778.5	764.5	763.5	757.5	130	3,500,000
Harrison Ave.	2361 Harrison Ave.	Bellevue	Ground Storage	1930	60			829.0			43	600,000
Ida Spence	Tower Place	Covington	Elevated Tank	1952	175	840.0	1015.0	1005.0	1003.0	1000.0	57	500,000
Independence	5685 Madison Pike	Independence	Hydropillar	1981	137	943.5	1080.0	1080.0		1039.5	74	1,000,000
Industrial Park	Industrial Rd. & US 25	Florence	Hydropillar	1961	146	945.5	1091.5	1083.5	1081.0	1062.0	50	500,000
John's Hill Road	Knollwood Dr.	Highland Hts.	Elevated Tank	1959	113	904.0		1017.0			50	500,000
Kenton Lands Rd.	25 Kenton Lands Road	Erlanger	Elevated Tank	1953	158	896.0	1054.0	1045.0	1043.0	1033.0	50	500,000
Lumley Tank	R47 Lumley Ave.	Fort Thomas	Elevated Tank	1937	187	829.0		1017.0			40	275,000
Main St. Tank	Main St. & US 27	Alexandria	Elevated Tank	1962	152	863.0		1017.0			44	300,000
Memorial Pkwy. Plant	2055 Memorial Pkwy.	Fort Thomas	Clearwell					741.0				3,000,000
Old St. 4 Tank	Old St. Road #4	Claryville	Elevated Tank	1976	143	987.0		1017.0			80	1,000,000
Rossford Tank	Marion Dr.	Fort Thomas	Elevated Tank	1962	191	987.0		1017.0			44	300,000
South Newport Tank	Kentucky Drive	Newport	Elevated Tank	1972	155	810.0		965.0			68	1,000,000
Taylor Mill Plant	608 Grand Ave.	Taylor Mill	Clearwell		15	509.5	524.5	522.0	520.0	518.0		1,000,000
Taylor Mill Standpipe	5907 Taylor Mill Rd.	Taylor Mill	Standpipe		143	870.0		1010.0	130.0	110.0		329,000
Claryville Tank	Old St. Road #4	Alexandria	Elevated Tank	2008	152	867.0		1017.0			66	750,000
											Total storage owned by NKWSD:	**36,554,000**

Pipe Inventory

Length and Diameter by Material

Pipe Material	Diameter, Inches	Length, feet	Length, Miles
Asbestos Cement(Transite)	2.00	1,481.79	0.28
Asbestos Cement(Transite)	3.00	3,949.67	0.75
Asbestos Cement(Transite)	4.00	45,234.00	8.57
Asbestos Cement(Transite)	6.00	98,624.03	18.68
Asbestos Cement(Transite)	8.00	8,018.34	1.52
Cast Iron	0.75	933.70	0.18
Cast Iron	1.00	422.88	0.08
Cast Iron	2.00	20,340.22	3.85
Cast Iron	3.00	2,553.21	0.48
Cast Iron	4.00	276,114.61	52.29
Cast Iron	6.00	1,169,523.07	221.50
Cast Iron	8.00	253,511.75	48.01
Cast Iron	10.00	73,488.99	13.92
Cast Iron	12.00	198,994.67	37.69
Cast Iron	16.00	49,680.07	9.41
Cast Iron	18.00	107.61	0.02
Cast Iron	20.00	54,799.04	10.38
Cast Iron	24.00	33,246.75	6.30
Cast Iron	30.00	13,972.02	2.65
Cast Iron	36.00	85.82	0.02
Concrete	8.00	20.00	0.00
Concrete	18.00	377.78	0.07
Concrete	20.00	27,615.23	5.23
Concrete	24.00	8,355.95	1.58
Concrete	30.00	176.97	0.03
Concrete	36.00	37,588.41	7.12
Copper	0.75	114.29	0.02
Copper	1.00	3,696.36	0.70
Copper	1.50	2,555.34	0.48
Copper	2.00	12,632.32	2.39
Ductile Iron	0.75	373.10	0.07
Ductile Iron	2.00	9,770.68	1.85
Ductile Iron	3.00	5,698.49	1.08
Ductile Iron	4.00	61,649.12	11.68
Ductile Iron	6.00	785,499.22	148.77
Ductile Iron	8.00	1,150,313.72	217.86
Ductile Iron	10.00	48,718.81	9.23
Ductile Iron	12.00	605,947.27	114.76
Ductile Iron	14.00	224.46	0.04
Ductile Iron	16.00	241,531.24	45.74
Ductile Iron	18.00	718.58	0.14
Ductile Iron	20.00	56,517.80	10.70
Ductile Iron	24.00	131,669.74	24.94
Ductile Iron	30.00	31,463.47	5.96
Ductile Iron	36.00	23,045.28	4.36
Ductile Iron	42.00	18,936.15	3.59
Ductile Iron	60.00	102.76	0.02
Galvanized	1.00	94.86	0.02
Galvanized	1.50	269.42	0.05

Pipe Inventory

Length and Diameter by Material

Pipe Material	Diameter, inches	Length, feet	Length, Miles
Lead	0.75	377.67	0.07
MS	1.00	16.63	0.00
Polyethylene	2.00	21,553.68	4.08
PVC	1.00	34.20	0.01
PVC	1.50	1,920.41	0.36
PVC	2.00	58,667.07	11.11
PVC	3.00	67,926.20	12.86
PVC	4.00	26,975.61	5.11
PVC	6.00	176,005.88	33.33
PVC	8.00	797,810.39	151.10
PVC	10.00	132.24	0.03
PVC	12.00	32,258.40	6.11
PVC	16.00	2,905.34	0.55
Steel	0.75	248.61	0.05
Steel	1.00	457.12	0.09
Steel	1.50	332.35	0.06
Steel	2.00	433.35	0.08
Steel	4.00	143.77	0.03
Steel	24.00	84.58	0.02
Steel	42.00	7,618.74	1.44
Total:		**6,766,661.27**	**1281.56**

Northern Kentucky Water District
Chlorinators and Sodium Hypochlorite Feeders In System & Location
Updated 3/20/2012

Attachment 33 C

Location	# of Units	Form of Chlorine	Type	Capacity (ea.)
Bromley Pump Station	1	Sodium Hypochlorite	Jesco Pump	1.3 GPH
West Covington Pump Station	1	Sodium Hypochlorite	Jesco Pump	2.8 GPH
Bristow Road Pump Station	2	Sodium Hypochlorite	Jesco Pump	5 GPH
Dudley Pump Station	2	Sodium Hypochlorite	Jesco Pump	15 GPH
Fort Thomas Treatment Plant	8	Sodium Hypochlorite	Watson Marlow	150 GPH
Taylor Mill Treatment Plant	5	Sodium Hypochlorite	Watson Marlow	52 GPH
Memorial Pky Treatment Plant	4	Sodium Hypochlorite	Watson Marlow	100 GPH

Booster Pumping Station Facilities
Northern Kentucky Water District
Updated 3/20/2012

Pump Stations

Attachment 33D

PUMP STATION LOCATION	CITY LOCATED	NO. OF UNITS	PUMP TYPE	YEAR INSTALLED	HORSE POWER	VOLTS REQUIRED	PUMP CONTROL	RATING PER PUMP (GPM)	TDH (FEET)	SERVICE TYPE
Ohio River Raw Water Pumping Station #1 *(Feeds FTTP)*	Brent	1	VT	2005	1250	4160	AUTO	9,455	430	HIGH
		2	VT	2005	1250	4160	AUTO	7,000	430	HIGH
		3	VT	2009	1250	4160	AUTO	9,200	430	HIGH
		4	VT	2007	1250	4160	AUTO	9,200	430	HIGH
		5	VT	1999	1250	4160	AUTO	8,400	430	HIGH
		6	VT	2005	1250	4160	AUTO	9,200	430	HIGH
Latonia Ave. and 35th St.	Covington (Const. 1953)	1	HC	2008	75	460	AUTO	900	250	HIGH
		2	HC	2008	75	460	AUTO	900	250	HIGH
Bromley	Bromley	1	VT	2010	75	460	AUTO	650	300	HIGH
		2	VT	1986	75	460	AUTO	700	315	HIGH
		3	VT	1986	75	460	AUTO	700	340	HIGH
Licking River Raw Water Pumping Station Variable Speed	Taylor Mill	1	VT	1990	350	460	AUTO	7640	126	LOW
		2	VT	1971	250	460	AUTO	6250	126	LOW
		3	VT	1993	150	460	AUTO	4900	126	LOW
Taylor Mill Treatment Plant	Taylor Mill	1	VT	1981	600	2300	AUTO	6945	250	HIGH
		2	VT	1994	450	2300	AUTO	8500	145	HIGH
		3	VT	1997	700	2300	AUTO	5600	385	HIGH
		4	VT	2008	1250	2300	AUTO	7700	392	HIGH
		5	VT	1974	1250	2300	AUTO	6945	365	HIGH
		6	VT	1982	600	2300	AUTO	6945	250	HIGH
Dudley Pike 1040 System	Edgewood	1	VT	2009	250	440	AUTO	2500	277	HIGH
		2	VT	2009	250	440	AUTO	2500	277	HIGH
		3	VT	1965	250	440	AUTO	2825	270	HIGH
		4	VT	1979	250	440	AUTO	2222	375	HIGH
Dudley Pike 1080 System	Edgewood	5	VT	1989	600	460	AUTO	6000	282	HIGH
		6	VT	1990	600	460	AUTO	6000	282	HIGH
		7	VT	1990	600	460	AUTO	6000	282	HIGH
		8	VT	2006	600	460	AUTO	5000	282	HIGH
Richardson Rd.	Independence	1	VT	2011	350	460	AUTO	2700	324	HIGH
		2	VT	2006	400	460	AUTO	2500	515	HIGH
		3	VT	1998	400	460	AUTO	2100	515	HIGH
Hands Pike	Covington	1	VT	1983	75	460	AUTO	500	426	HIGH
		2	VT	2009	75	460	AUTO	500	426	HIGH
West Covington	Covington	1	VC	1996	40	460	AUTO	2000	60	LOW
		2	VC	1987	40	460	AUTO	2000	60	LOW
Bristow Rd. *(Peerless Pumps)*	Independence	1	VT	2002	75	460	AUTO	2900	65	LOW
		2	VT	2002	75	460	AUTO	2900	65	LOW
		3	VT	2002	75	460	AUTO	2900	65	LOW
Waterworks Rd Pump Stn. *Variable Speed*	Fort Thomas	1	VT	2000	500	480	AUTO	4200	372	HIGH
		2	VT	2000	500	480	AUTO	4200	372	HIGH
		3	VT	2000	500	480	AUTO	4200	372	HIGH
US 27 10 MGD	670 Alex. Pk. Fort Thomas	1	VT	1990	350	460	AUTO	3500	300	HIGH
		2	VT	1990	350	460	AUTO	3500	300	HIGH
		3	VT	1990	350	460	AUTO	3500	300	HIGH
		4	VT	2006	350	460	AUTO	3500	308	HIGH
		5	VT	2006	350	460	AUTO	3500	308	HIGH
		6	VT	2006	350	460	AUTO	3500	308	HIGH
Ripple Creek	Cold Spring	1	VC	1991	75	460	AUTO	2050	100	LOW
		2	VC	2009	75	460	AUTO	2050	100	LOW
		3	VC	2008	75	460	AUTO	2500	90	LOW
Ohio River Raw Water Pumping Station #2 *(Feeds MPTP)*	Fort Thomas	1	VT	1985	800	2400	AUTO	6000	400	HIGH
		2	VT	2003	800	2400	AUTO	6000	400	HIGH
		3	VT	2002	600	2400	AUTO	5500	380	HIGH
Memorial Parkway Treatment Plant Raw Water Pumps	Fort Thomas	1	VC	2008	75	460	AUTO	3472	64	LOW
		2	VC	2008	200	460	AUTO	6944	64	LOW
		3	VC	2008	200	460	AUTO	6944	64	LOW
Carothers Rd. Pump Stn.	Newport	1	VT	1996	150	440	AUTO	1800	263	HIGH
		2	VT	1996	150	440	AUTO	1800	263	HIGH

OATH

Commonwealth of Kentucky

County of Kenton

I, Jack Bragg, Jr., having appeared before the undersigned officer duly authorized to administer oaths and being duly sworn, state under oath that I am Vice-President – Finance and Support Services of Northern Kentucky Water District; that I have supervision over the books of account and other financial records of the Respondent and have control over the manner in which they are kept; that such books and records have, during the period covered by the foregoing report, been maintained in good faith in accordance with the accounting and other orders of the Public Service Commission of Kentucky; that I have carefully examined the foregoing report to the best of my knowledge and belief the information contained in this report is, so far as it relates to matters of accounts, in accordance with the said books of account; that all other statements of fact contained in the foregoing report are true; and that the foregoing report is a correct and complete statement of the business and affairs of the Respondent in every respect and manner during the period of time from and including January 1, 2012, to and including December 31, 2012.

Signature of Officer

Subscribed and sworn to before me, a NOTARY, in and for the State and County named in the above this 28th day of March, 2013

(Apply Seal Here)

My Commission Expires May 6, 2013

(Signature of officer authorized to administer oath)

COLLEEN KELLY MEDERT
NOTARY PUBLIC
STATE AT LARGE, KY.
My Commission Expires 5/6/13

Case No. 2013-____
Exhibit ____F____

NORTHERN KENTUCKY WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

SCHEDULE OF MORTGAGES, BONDS, NOTES, AND OTHER INDEBTEDNESS

Northern Kentucky Water District	
Schedule of Outstanding Debt	
As of September 30, 2013	
	Amount
Description	Outstanding
Bonds	
2000 Rural Development Loan	$1,951,000
2013A	$26,400,000
2013B	$24,120,000
2003C	$10,805,000
2004A	$7,760,000
2006	$23,945,000
2009	$25,560,000
2011	$29,155,000
2012	$53,115,000
Total Bonds	**$202,811,000**
Notes	
KIA Loans	$35,154,345
Taylor Mill Purchase Note	$750,000
Deferred Note Payable	$100,000
Total Notes	**$36,004,345**
Total Debt	**$238,815,345**

Case No. 2013-____
Exhibit ____G____

NORTHERN KENTUCKY
WATER DISTRICT

Project
Ripple Creek Pump Station to Alexandria Tank Phase 5
24-inch Water Main Replacement/Extension

Campbell County
184-0146

CURRENT BALANCE SHEET AND
INCOME STATEMENT

Northern Kentucky Water District

Balance Sheet
As of September 30, 2013

Assets	2013	2012
Current Assets		
Cash and Cash Equivalents	$20,452,530	$16,476,194
Accrued Interest Receivable	$2,548	$4,122
Accounts Receivable Customers	$5,762,895	$6,819,000
Accounts Receivable Unbilled Customers	$5,500,000	$5,400,000
Accounts Receivable Other	$97,696	$56,243
Assessments Receivable	$100,584	$98,760
Inventory Supplies for New Installation and Maintenance, at Cost	$1,382,836	$1,284,953
Prepaid Expenses	$618,533	$254,976
Total Current Assets	**$33,917,622**	**$30,394,248**
Restricted Assets		
Bond Proceeds Fund	$13,195,831	$17,557,153
Debt Service Reserve Account	$18,236,248	$16,813,018
Debt Service Account	$11,028,692	$9,053,761
Improvement, Repair, & Replacement	$8,826,446	$8,843,456
Boone/Florence Settlement Account	$745,828	$1,180,777
Total Restricted Assets	**$52,033,045**	**$53,448,165**
Non Current Assets		
Miscellaneous Deferred Charges	($5,225,474)	($2,568,611)
Capital Assets:		
Land, System, Buildings, and Equipment	$389,515,773	$355,308,675
Construction in Progress	$49,375,648	$73,418,027
Total Capital Assets before Accumulated Depreciation	$438,891,421	$428,726,702
Less: Accumulated Depreciation	($109,702,673)	($100,158,060)
Capital Assets Net of Accumulated Depreciation	$329,188,748	$328,568,642
Total Noncurrent Assets	**$323,963,274**	**$326,000,031**
Total Assets	**$409,913,941**	**$409,842,444**

Northern Kentucky Water District

Balance Sheet
As of September 30, 2013

Liabilities and Retained Earnings	2013	2012
Current Liabilities		
Current Portion of Long Term Debt	$9,320,035	$8,320,345
Accounts Payable	$1,926,030	$1,465,725
Accrued Payroll & Liabilities	$390,399	$367,594
Other Accrued Liabilities	$251,408	$285,150
Total Current Liabilities	**$11,887,872**	**$10,438,814**
Current Liabilities From Restricted Assets		
Accounts Payable	$460,513	$2,376,452
Accrued Interest Payable	$1,713,504	$1,545,933
Total Current Liabilities From Restricted Assets	**$2,174,017**	**$3,922,385**
Long Term Debt		
Long Term Portion of Bonded Indebtedness	$228,820,309	$211,929,775
Bond Anticipation Notes Payable	$0	$25,615,000
Note Payable-Taylor Mill Purchase	$575,000	$750,000
Deferred Note Payable	$100,000	$100,000
Total Long Term Debt	**$229,495,309**	**$238,394,775**
Total Liabilities	**$243,557,198**	**$252,755,974**
Retained Earnings	**$166,356,743**	**$157,086,470**
Total Liabilites and Retained Earnings	**$409,913,941**	**$409,842,444**

Northern Kentucky Water District

Income and Expenses Report-Detail
For the Nine Months ending September 30, 2013

	September 2013	September 2012	September Budget	Variance Over (Under)	YTD 2013	YTD 2012	YTD Budget	Variance Over (Under)
Operating Income								
Water Sales	$5,729,689	$6,608,068	$5,814,609	-1.5%	$34,378,835	$34,901,342	$35,460,035	-3.0%
Forfeited Discounts	$63,315	$80,942	$61,500	3.0%	$588,542	$601,705	$595,282	-1.1%
Rents from Water Property	$41,112	$34,192	$40,000	2.8%	$428,714	$416,393	$395,000	8.5%
Other Water Revenues	$31,885	$25,150	$30,500	4.5%	$278,055	$267,460	$259,440	7.2%
Total Operating Income	**$5,866,001**	**$6,748,352**	**$5,946,609**	**-1.4%**	**$35,674,146**	**$36,186,900**	**$36,709,757**	**-2.8%**
Non Operating Income								
Interest Income	$66,022	$61,470	$65,000	1.6%	$598,864	$600,915	$563,000	6.4%
Miscellaneous	$19,248	$2,532	$15,580	23.5%	$258,422	$110,388	$99,807	158.9%
Total Non Operating Income	**$85,270**	**$64,002**	**$80,580**	**5.8%**	**$857,286**	**$711,303**	**$662,807**	**29.3%**
Boone Florence Settlement Transfer	$36,549	$36,549	$36,549	0.0%	$328,941	$328,941	$328,941	0.0%
Total Income	**$5,987,820**	**$6,848,903**	**$6,063,738**	**-1.3%**	**$36,860,373**	**$37,227,144**	**$37,701,505**	**-2.2%**
O&M Expenses								
Source of Supply, Water Treatment, Pumping, & Storage	$912,206	$789,355	$996,917	-8.5%	$7,335,563	$7,479,204	$8,476,684	-13.5%
Engineering & Distribution	$517,464	$636,187	$715,510	-27.7%	$5,146,518	$5,178,055	$5,367,464	-4.1%
Customer Service	$310,235	$255,973	$267,829	15.8%	$2,729,340	$2,651,642	$2,696,421	1.2%
Administration	$226,138	$227,818	$251,095	-9.9%	$2,340,923	$3,156,264	$2,517,265	-7.0%
Total O&M Expenses	**$1,966,043**	**$1,909,333**	**$2,231,351**	**-11.9%**	**$17,552,344**	**$18,465,165**	**$19,057,834**	**-7.9%**
Transfer to Debt Service	**$1,535,000**	**$1,600,000**	**$1,535,000**	**0.0%**	**$13,815,000**	**$14,400,000**	**$13,815,000**	**0.0%**
Total Expenses	**$3,501,043**	**$3,509,333**	**$3,766,351**	**-7.0%**	**$31,367,344**	**$32,865,165**	**$32,872,834**	**-4.6%**
Avail. to Transfer to Oper. Capital	**$2,486,777**	**$3,339,570**	**$2,297,387**	**8.2%**	**$5,493,029**	**$4,361,979**	**$4,828,671**	**13.8%**