

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

MAY 13 2005

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF NORTHERN KENTUCKY)
WATER DISTRICT FOR APPROVAL OF) CASE NO. 2005-00200
CONSTRUCTION OF 12 INCH WATER MAINS)
AND ISSUANCE OF A CERTIFICATE)
OF CONVENIENCE AND NECESSITY)

APPLICATION FOR APPROVAL OF CONSTRUCTION

Northern Kentucky Water District (NKWD), by counsel, petitions for an order approving the construction of approximately 13,000 linear feet of 12 inch water mains to replace existing 3 and 6 inch mains.

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

1. NKWD's office address is 100 Aqua Drive, Box 220, Cold Spring, KY 41076. 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;
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 G.
4. NKWD serves retail customers in Kenton, Boone and Campbell Counties and sells water at wholesale to non-affiliated water distribution systems in Pendleton County.

5. It proposes to replace and enlarge certain water mains as described in Exhibit A Maps, Plans, Specifications and Bid Documents are provided in Exhibit C. Two separately bound copies of the complete plans and specifications are being provided. The District proposes to finance the project with a Bond Anticipation Note, which will be converted to permanent financing in the next rate case, expected to be filed in May, 2005.

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 Exhibits A and C.

7. The total financing cost is approximately \$1,180,000 see Exhibit C.

8. Easements and rights of way are not required or have been obtained.

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

10. The proposed construction project, identified in Exhibits A and C, is scheduled to be constructed in 2005. Bids were opened on May 3, 2005 and expire August 1, 2005, with Board approval expected at its May 19, 2005 meeting.

11. No new franchises are required. Permits have been obtained from DOW, see Exhibit D.

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

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

14. The construction costs will be funded by the issuance of a BAN.

15. Estimated operating costs for operation and maintenance, depreciation and debt service after construction to the extent that there are any are shown in Exhibit C.

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

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

18. The start date for construction; proposed in-service date; and total estimated cost of construction at completion are included in Exhibits C and D.

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

20. Plant retirements not are included in the project. 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 C

22. No rate adjustment is being proposed at this time. Any effect of the financing on rates will be reflected in the next rate case filed by the District;

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 G.

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 Exhibit H.

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 H.

e. Bonds are listed in Exhibit H.

f. Notes are listed in Exhibit H.

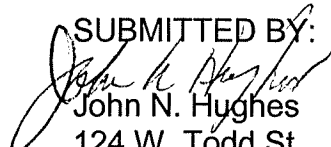
g. Other indebtedness is listed in Exhibit H.

h. No dividends have been paid.

i. Current balance sheet; income statement; and debt schedule are attached as Exhibit H.

For these reasons, the District requests authority to construct the facilities, which are to be financed with a BAN, and for any other orders or authorizations that may be necessary to obtain Commission approval for the construction of these facilities.

SUBMITTED BY:


John N. Hughes
124 W. Todd St.
Frankfort, KY 40601

and

Charles H. Pangburn III
Hemmer, Pangburn,
DeFrank PLLC
Suite 200
250 Grandview Dr.
Ft. Mitchell, KY 41017

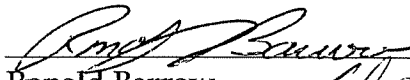
Attorneys for Northern
Kentucky Water District

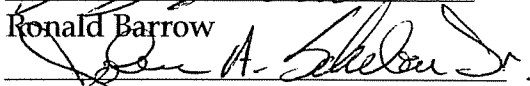
AFFIDAVIT OF RONALD BARROW

County of Kenton)
Commonwealth of Kentucky)

Ronald Barrow, after being sworn, states that he is authorized to submit this Petition on behalf of Northern Kentucky Water District and that the statements contained in the Petition are true and correct to the best of his information and knowledge.

Sworn and acknowledged before me by Ronald Barrow on the 11 day of May, 2005.



Ronald Barrow


Notary Public

My Commission Expires on: May 13, 2007

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

NORTHERN KENTUCKY WATER DISTRICT

Water Main Replacement Along Poplar Ridge, Nelson Road and Four Mile Pike

<u>EXHIBIT</u>	<u>TITLE</u>
A	Project Description
B	Copy of Approving Board Meeting Minutes
C	ENGINEERING REPORTS Copy of project map, final engineering reports signed, sealed, and dated by a registered professional engineer. Bid Tabulations. Project Specifications and System Hydraulic Model.
D	Certified statement from an authorized utility Official confirming: (1) That the proposed plans and specifications for the project have been designed to meet the minimum 807 Kar 5:066, Section 5 (3) and (4), section 6(1) through (3), Section 10 (1) and the section 11 (2) That all other state approvals have already been obtained (3) Dates when construction will begin and end
E	Copy of Rate Schedule
F	Sources of Construction Funds
G	2002 Northern Kentucky Water District Annual Report for Class-A and Class-B Water Districts
H	Current Schedule of Outstanding Bonds, Notes, and other Indebtedness, Balance Sheet and Income Statement



90000 SERIES
30% P.C.W.

Case No. 200-_____
Exhibit _____A_____

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County

184-111, 184-112, 184-132

Project Description

**Water Main Replacement Along
Poplar Ridge, Nelson Road and Four Mile Pike**

Project 184-011, 184-112, 184-132

Project Description: The proposed project, involves replacing existing 6” and 3” water mains with new 12” water mains along Poplar Ridge Road from Reitman Road to Four Mile Pike, along Four Mile Pike from Poplar Ridge to Nelson Road and along Nelson Road from Four Mile Pike to Stonehouse Road in Campbell County, Kentucky. The length of the 12- inch main project is approx. 13,000 LF. The estimated cost for the total project is \$1,160,000.00.

The District’s “Water Distribution System Master Plan”, prepared by Black & Veatch, LLP, identified this hydraulic improvement be implemented to meet water demand needs. Without this planned improvement in place system pressures in the area may fall below 30 PSI during peak projected conditions at the meter. This project is designed to strengthen and improve the system and local distribution system to meet population growth and commercial development needs. After all phases of this project are completed this will improve water flow to Campbell County, and improve water quality and fire protection in the area.

Bidding for the project was advertised on April 14, 2005 and bids were opened on May 3, 2005. The bids will expire on August 1, 2005.



90000 SERIES
10% P.C.W.

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

Copy of Approving Minutes For
Engineering Services Contract

Construction contract will be presented
to the Board on May 19, 2005.

Approving minutes will be forwarded
when available.

**Board of Commissioners Meeting
January 20, 2004**

A regular meeting of the Board of Commissioners of the Northern Kentucky Water District was held on January 20, 2004 at the District's Aqua Drive office. All Commissioners were present. Also present were Ron Lovan, Ron Barrow, Bari Joslyn, Richard Harrison, Mark Lofland, Bob Buhrlage, Jim Dierig, Don Gibson, Amy Kramer, Andy Remlinger, Mary Carol Wagner, Jill Cahill, Mic Cooney, Debra Decourcy, Charles Pangburn and Connie Reekers.

Mr. Wagner called the meeting to order.

Mr. Koester led those in attendance in the Pledge of Allegiance.

The Board recognized Mr. Koester for his dedicated service to the District as Chairman of the Board for the years of 2002 and 2003. The Board thanked Jill Cahill for her support to the District upon her departure from Pinger Public Relations.

The Board reviewed correspondence received and news articles published since the last regular meeting.

Mr. Barrow of the District staff presented a status report on the Strategic Direction of the District.

After review and on motion of Mr. Veatch, seconded by Mr. Collins, the Board unanimously agreed to adopt a resolution honoring Judge/Executive Richard L. Murgatroyd for his continual support to the staff and operations of the Northern Kentucky Water District upon his acceptance of his new post in Frankfort as Deputy Secretary of Transportation.

After review and on motion of Mr. Jackson, seconded by Mr. Koester, the Board unanimously approved the minutes for the regular meeting held on December 16, 2003.

After review and on motion of Dr. Sommerkamp, seconded by Mr. Collins, the Board unanimously approved the expenditures of the District for the month of December, 2003.

Mr. Gibson of the District staff reviewed the background relating to and presented bids received for Asphalt Restoration for 2004 and recommended to the Board that it reject all bids received in December, 2003 due to the lack of clarity in the specifications. On motion of Mr. Koester, seconded by Dr. Sommerkamp, the Board agreed to reject all bids for the 2004 Asphalt Restoration Contract received in December, 2003.

After review and discussion of the bids received in January, 2004 and on motion of Mr. Collins, seconded by Mr. Koester, the Board unanimously agreed to award the contract for Asphalt Restoration for 2004 to Queen City Blacktop.

Mr. Harrison of the District staff presented the status of the bids received for the Stevens Branch Road Water Main Replacement Project and recommended to the Board that it reject all bids and rebid the project due to the lack of clarity in the specifications. On motion of Dr. Sommerkamp, seconded by Mr. Koester, the Board unanimously agreed to reject all bids received for the project.

Ms. Kramer of the District staff presented proposals received for engineering services for the Poplar Ridge Road, Four Mile Pike and Nelson Road Water Main Projects. After review and discussion and on motion of Mr. Koester, seconded by Mr. Jackson, the Board unanimously agreed to authorize staff to enter into a contract with Viox & Viox, Inc. to design the projects.

Mr. Collins announced that he had not received any materials regarding the next agenda item and departed the Board room.

Mr. Remlinger of the District staff presented proposals for the District's banking services. On motion of Mr. Veatch, seconded by Dr. Sommerkamp, the Commissioners present unanimously agreed to accept the proposal of Fifth Third Bank for banking services for the years 2004, 2005 and 2006, with an option for two additional years renewable one year at a time.

Mr. Collins rejoined the meeting.

The Board reviewed the District finance reports and Department reports.

Mr. Lofland of the District staff reviewed the status of the contract negotiations for the Customer Information System between the selected vendor and the District.

On motion of Mr. Koester, seconded by Dr. Sommerkamp, the Board unanimously agreed to go into executive session under the provision of KRS 61.810(1) (f) to discuss an individual employee.

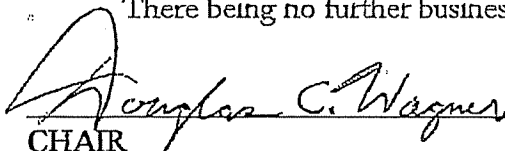
The Board returned to open session.

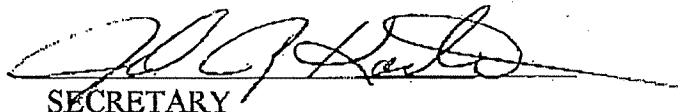
On motion of Mr. Koester, seconded by Mr. Collins, the Board unanimously agreed to authorize and direct Mr. Wagner to execute an amendment to Mr. Lovan's employment agreement incorporating changes specified by the Board.

On motion of Mr. Veatch, seconded by Mr. Jackson, the Board unanimously agreed to award all Northern Kentucky Water District employees a performance incentive for their extraordinary efforts in achieving the goals of the District last year.

Other matters of a general nature were discussed.

There being no further business to come before the Board, the meeting was adjourned.


CHAIR


SECRETARY

Case No. 200-_____
Exhibit C

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

Engineering Reports

Bid Tabulation

Engineers Final Estimate

System Hydraulic Model

Project Map

Project Specifications
(See Attached Specifications)



90000 SERIES
30% P.C.W.

Case No. 200-_____
Exhibit _____ C _____

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

Bid Tabulation

BID TAB

Northern Kentucky Water District
Poplar Ridge/FourMile/Nelson Rd. 12" Water Main
Campbell County

May 3, 2005

<u>CONTRACTOR</u>	BID AMOUNT
R. E. Huber Construction	\$1,100,290.75
RFH Construction	\$1,394,154.50
Coomer Contractors	\$1,485,856.00
Ranger Construction Services	\$1,488,850.00

Case No. 200-_____
Exhibit C

NORTHERN KENTUCKY
WATER DISTRICT

Project -- Poplar Ridge, Nelson Road and Four Mile Pike

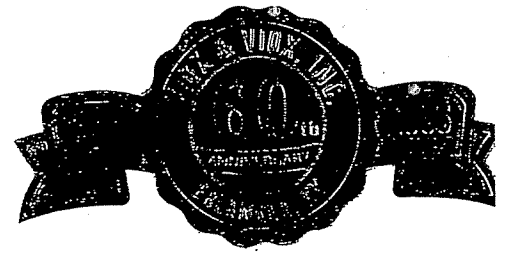
Campbell County
184-111, 184-112, 184-132

Engineer's Final Estimate



VIOX & VIOX, INC.

Engineers • Surveyors • Landscape Architects



ENGINEERS ESTIMATE
POPLAR RIDGE, 4 MILE ROAD & NELSON ROAD
JANUARY 28, 2005
REVISED MARCH 10, 2005
REVISED APRIL 14, 2005

ITEM	QUANTITY	UNIT	UNIT COST	COST
3" Ductile Iron Water Main Class 50 w/Polywrap & Fittings	15	LF	\$45.00	\$675.00
4" Ductile Iron Water Main Class 50 w/Polywrap & Fittings	10	LF	\$50.00	\$500.00
6" Ductile Iron Water Main Class 50 w/Polywrap & Fittings	20	LF	\$65.00	\$1,300.00
8" Ductile Iron Water Main Class 50 w/Polywrap & Fittings	70	LF	\$75.00	\$5,250.00
12" Ductile Iron Water Main Class 50 w/Polywrap & Fittings	13,083	LF	\$72.00	\$941,976.00
12" X 12" X 4" Ductile-Iron Tee & Block	1	EA	\$450.00	\$450.00
12" X 12" X 6" Ductile-Iron Anchoring Tees & Blocks	27	EA	\$475.00	\$12,825.00
12" X 12" X 8" Ductile-Iron Anchoring Tee & Block	1	EA	\$485.00	\$485.00
12" X 12" X 12" Ductile-Iron Tees & Blocks	2	EA	\$525.00	\$1,050.00
Air Release Valves	3	EA	\$1,500.00	\$4,500.00
4" Ductile-Iron Resilient Seated Gate Valve & Box	1	EA	\$650.00	\$650.00
6" Ductile-Iron Resilient Seated Gate Valve & Box	1	EA	\$700.00	\$700.00
6" Ductile-Iron Resilient Seated Gate Valves & Boxes Anchored to Tee w/6" Pipe Plug & Block	14	EA	\$1,100.00	\$15,400.00
8" Ductile-Iron Resilient Seated Gate Valve & Box	1	EA	\$850.00	\$850.00
12" Ductile-Iron Resilient Seated Gate Valves & Boxes	11	EA	\$1,450.00	\$15,950.00
12" Ductile-Iron Resilient Seated Gate Valves & Boxes with Test Tap	2	EA	\$1,600.00	\$3,200.00
Concrete Encasement	80	LF	\$80.00	\$6,400.00
8" Cast-Iron Plug & Block	1	EA	\$300.00	\$300.00
12" Cast-Iron Plugs & Blocks	3	EA	\$400.00	\$1,200.00
4" - 3" Ductile Iron Reducer	1	EA	\$200.00	\$200.00
Connect to Existing 3" Main	1	EA	\$1,500.00	\$1,500.00
Connect to Existing 6" Main	1	EA	\$1,700.00	\$1,700.00
Connect to Existing 12" Main	1	EA	\$2,200.00	\$2,200.00
Remove 12" Pipe Plug & Block	1	EA	\$300.00	\$300.00

466 Erlanger Road
Erlanger, Kentucky 41018
www.vioxinc.com

Tel: 859-727-3293
Fax: 859-727-8452
e-mail: info@vioxinc.com

ENGINEERS ESTIMATE
POPLAR RIDGE, 4 MILE ROAD & NELSON ROAD
JANUARY 28, 2005
REVISED MARCH 10, 2005
REVISED APRIL 14, 2005

ITEM	QUANTITY	UNIT	UNIT COST	COST
6" Cast Iron Pipe Plug & Block (Cut into Existing 6" Main)	1	EA	\$700.00	\$700.00
Return Fire Hydrant to NKWD	2	EA	\$500.00	\$1,000.00
Service Connection Type 1 (All Sizes)	26	EA	\$750.00	\$19,500.00
Service Connection Type 2 (All Sizes)	33	EA	\$850.00	\$28,050.00
Fire Hydrant Assembly (High Pressure) Incl. 6" Ductile-Iron Resilient Seated Gate Valve & Valve Box, 6" Ductile-Iron Anchoring Pipe Length, Fire Hydrant, Blocking & Necessary Extensions	12	EA	\$3,800.00	\$45,600.00
Gravel Drive Restoration Conforming to Existing Materials and Thickness Incl. Any Culvert Replacement Necessary	10	SY	\$35.00	\$350.00
Blacktop Drive Restoration Conforming to Existing Materials and Thickness Incl. Any Culvert Replacement Necessary	15	SY	\$55.00	\$825.00
Road Restoration Conforming to Existing Materials and Thickness Incl. Any Culvert Replacement Necessary (To Campbell County & KDOT Specifications Where Applicable)	5,610	SY	\$60.00	\$336,600.00
Shoulder Restoration (To KDOT Specifications)	77	SY	\$50.00	\$3,850.00
Mill and Resurface Minimum of 1/2 road - 1-1/2" Minimum Thickness (KDOT & Campbell Co. Specifications)	14,281	SY	\$14.00	\$199,934.00
Channel Lining Class II		LUMP	\$800.00	\$800.00
Total Estimated Contractor				\$1,654,295.00
Contingencies @ 10%				\$165,429.50
Total Estimated Cost				\$1,819,724.50

STATE OF KENTUCKY
 JAMES H. FOX III
 6580
 LICENSED PROFESSIONAL ENGINEER
 4/14/05

Case No. 200-_____
Exhibit _____C_____

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike
Campbell County
184-111, 184-112, 184-132

System Hydraulic Model

FIRE FLOW CERTIFICATION

12" Poplar Ridge, Four Mile Road, Nelson Road Campbell County, KY

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 H2ONET, 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.



HYDRAULIC AND FLUSHING VELOCITY CERTIFICATION

12" Poplar Ridge, Four Mile Road, Nelson Road Campbell County, KY

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.

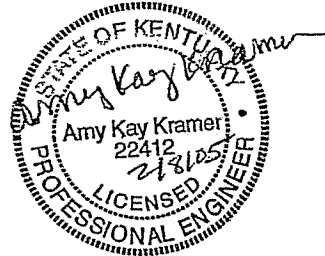
The maximum flow rate that can reliably be supplied to the development and meet 20 psi in the system under maximum hour conditions is 1,400 gpm. At least 30 psi can be maintained under the peak domestic demand for the 51 existing customers affected. The peak domestic demand using the D.R. Taylor formula for 51 customers is 71.41 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 H2ONET, 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 12" water main.

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



12" Poplar Ridge, Four Mile Rd, Nelson Rd Max Hour

	ID	Demand (gpm)	Elevation (ft)	Grade (ft)
1	9264	31.93	752.00	1,026.13
2	5293	31.93	560.00	1,025.24
3	9690	29.49	580.00	1,024.88
4	9672	26.69	570.00	1,024.87
5	25174	26.69	568.00	1,024.83
6	9662	29.22	648.00	1,024.70
7	9686	29.22	556.00	1,024.69

12" Poplar Ridge, Four Mile Rd, Nelson Rd Max Hour

	ID	Pressure (psi)
1	9264	118.84
2	5293	201.68
3	9690	192.86
4	9672	197.19
5	25174	198.04
6	9662	163.30
7	9686	203.18

2.5 fps flushing 12" Poplar Ridge, Four Mile Rd, Nelson Rd pipe info

	ID	From Node	To Node	Length (ft)	Diameter (in)	Flow (gpm)
1	9570	9690	9672	119.53	12.00	991.35
2	9571	9662	9686	1,209.91	12.00	907.40
3	9583	5293	9690	3,296.67	12.00	1,020.84
4	25120	25174	9672	853.78	12.00	-964.66
5	9751	9662	25174	4,226.44	12.00	-937.97
6	7360	5293	9264	3,101.39	12.00	-1,137.98

2.5 fps flushing 12" Poplar Ridge, Four Mile Rd, Nelson Rd pipe info

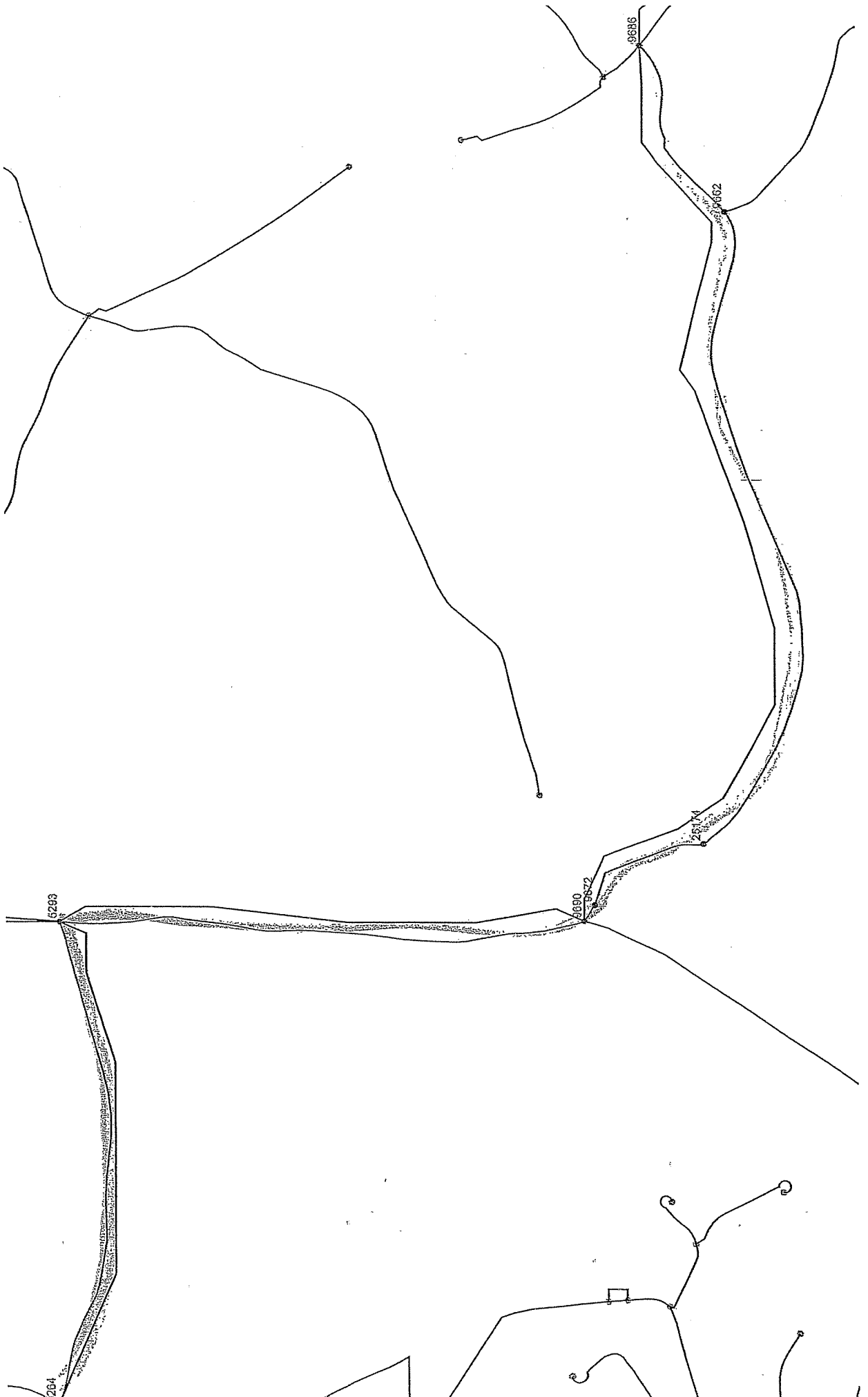
	ID	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/kft)	Roughnes
1	9570	2.81	0.35	2.92	120.00
2	9571	2.57	3.00	2.48	120.00
3	9583	2.90	10.15	3.08	120.00
4	25120	2.74	2.37	2.77	120.00
5	9751	2.66	11.13	2.63	120.00
6	7360	3.23	11.68	3.77	120.00

12" Poplar Ridge, Four Mile Rd, Nelson Rd 2.5 fps flushing

	ID	Demand (gpm)	Elevation (ft)	Grade (ft)
1	9264	31.93	752.00	961.24
2	5293	31.93	560.00	949.56
3	9690	29.49	580.00	939.41
4	9672	26.69	570.00	939.06
5	25174	26.69	568.00	936.69
6	9662	29.22	648.00	925.56
7	9686	883.70	556.00	922.56

12" Poplar Ridge, Four Mile Rd, Nelson Rd 2.5 fps flushing

	ID	Pressure (psi)
1	9264	90.71
2	5293	168.87
3	9690	155.80
4	9672	159.99
5	25174	159.83
6	9662	120.32
7	9686	158.90



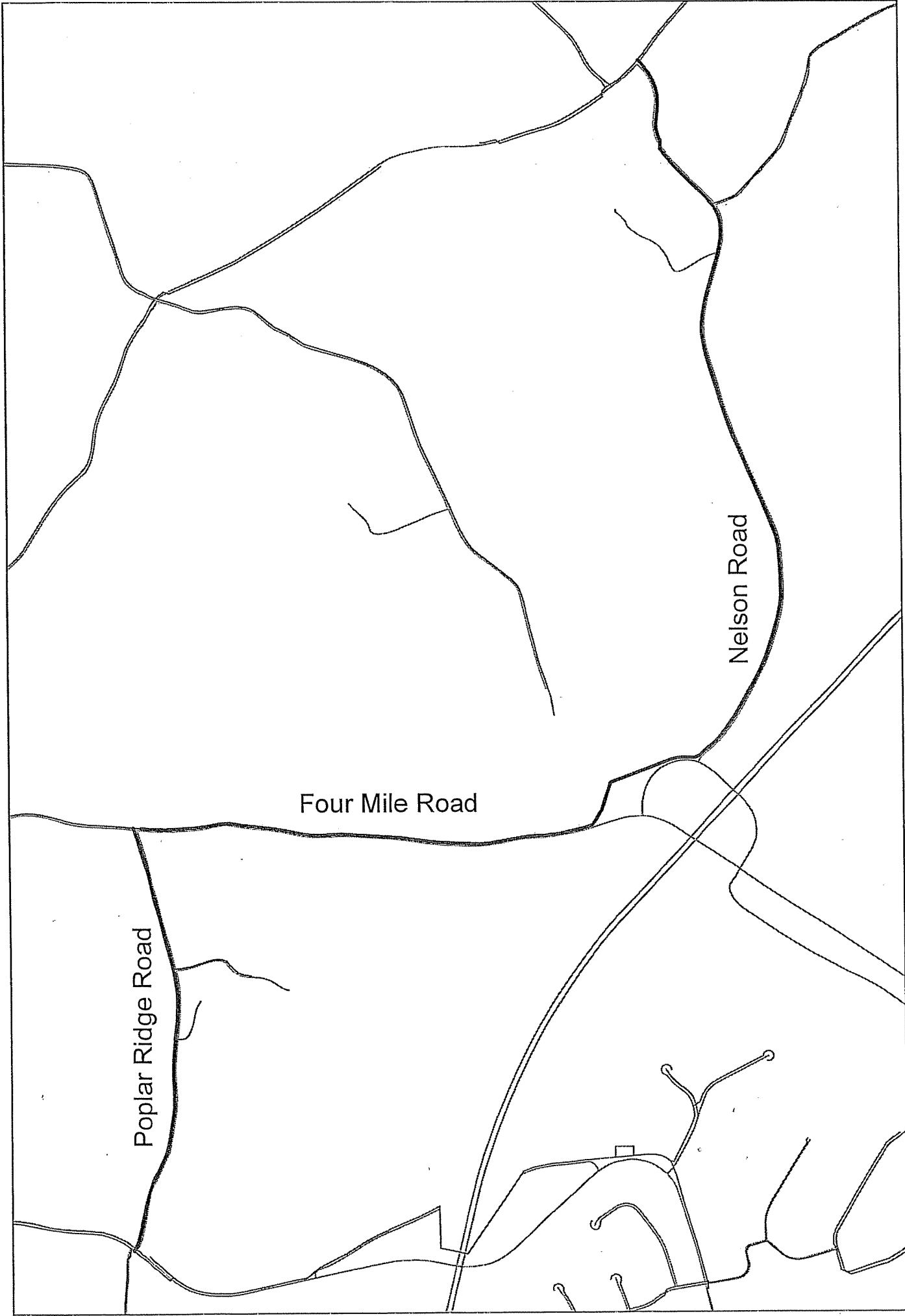
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Exhibit C

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

Project Map



Poplar Ridge, Four Mile and Nelson Roads

Legend

- proposed
- Water Mains

Case No. 200-_____
Exhibit _____ D _____

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

Certified Statements
And
Roads and Right of Way Permits



90000 SERIES
10% P.C.W.

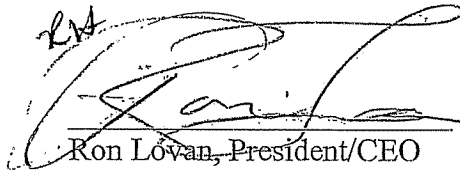
NORTHERN KENTUCKY WATER DISTRICT

Water Main Replacement Along
Poplar Ridge, Nelson Road and Four Mile Pike

Certification Statement

A certified statement from an authorized utility official confirming:

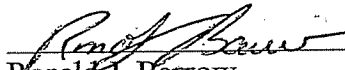
1. That the proposed plans and specifications for the project have been designed to meet the minimum construction and operating requirements established in 807 KAR5:066, Section 4(3) and (4), Section 5(1), Sections 6 and 7, Sections 8(1) through (3), Section 9(1), and Section 10.
2. That all other state approvals or permits have been obtained.
3. Construction is planned to begin as soon as PSC approval is granted and end within 150 days.

RL

Ron Lovan, President/CEO

4/25/05
Date


COMMONWEALTH OF KENTUCKY
COUNTY OF CAMPBELL

Affiant, Ronald J. Barrow, 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 "Poplar Ridge, Nelson Road and Four Mile Pike" 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 as to those matters he believes them to be true.

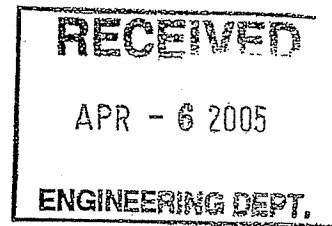


Ronald J. Barrow
Vice President - Finance
Northern Ky. Water District

Subscribed and sworn to before me in said County to be his act and deed by Ronald J. Barrow, Vice President of Finance of the Northern Kentucky Water District, this 25th day of April 2005.



NOTARY PUBLIC
Campbell County, Kentucky
My commission expires 5/13/07



ERNIE FLETCHER
GOVERNOR

KENTUCKY TRANSPORTATION CABINET
Department of Highways, District Six
421 Buttermilk Pike, P.O. Box 17130
Covington, Kentucky 41017
859/341-2700 (Fax) 859/341-3661
WWW.KENTUCKY.GOV

MAXWELL C. BAILEY
SECRETARY

March 23, 2005

SUBJECT: Campbell County, -19-547-1.831
KY 547 (FOUR MILE PIKE)
Permit Number 06-0214-05

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, 2006. 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 Edmond C. Thompson at 859-341-2700 or fax number 859-341-6729.

Sincerely,

Tom Schomaker, P.E. *for*
Chief District Engineer
Department of Highways
District 6 -Covington
P.O. Box 17130
Covington, KY 41017

PERMIT NO. 06-0214-05

KENTUCKY TRANSPORTATION CABINET
Department of Highways
Permits Branch

ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

I. SAFETY

A. General Requirements

- 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 ditchline areas of a state highway is to 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 is to be blocked or obstructed during normal working hours. All signs and flagmen during lane closure shall conform to the Manual on Uniform Traffic Control Devices.
- When it is necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes are to be blocked or obstructed during adverse weather conditions (i.e., rain, snow, fog, etc.) without specific permission from the Department. Working hours shall be between 8:00 am and 4:00 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 will 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 Kentucky Department of Mines and Minerals, Explosive Division.

C. Other Safety Requirements

- * TRAFFIC FROM AA Highway MUST NOT BE RESTRICTED; NO TRAFFIC SHALL BACK-UP ON TO AA HIGHWAY.

II. UTILITIES

- *All work necessary within the right-of-way shall be 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 control of access immediately restored to original condition, in accordance with applicable Kentucky Department of Highways Standard Drawings.
- *All vents, valves, manholes, etc. are to be located outside 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 30" deep.
- Encasement 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 36" cover above top of pipe or conduit. (30" preferred)
- All pavement cuts shall be restored per Kentucky Transportation Cabinet Form No. 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 Fahrenheit).
- The 30' clear zone requirement will be met to the extent possible in accordance with Chapter 99-02.0313 of the Permits Manual.
- Special Requirements:

* Utility installed under pavement - 1/4" mill overlay required of driving lane.

* Flowable fill required as back-fill under roadway & within 3' from 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: i.e., 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 its 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 is to 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, are to be at the expense of the permittee and subject to the approval of the Department.

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

IV. RIGHT-OF-WAY RESTORATION

All disturbed portions of the right-of-way are to 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, is to be established by the permittee prior to release of indemnity. Sodding or seeding 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 clean straw mulch per acre of seeding.

Prior to seeding, the ground must 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 or rocked mulch or paved areas may be acceptable if they are aesthetically pleasing.

All ditch flow lines and all ditch side slopes are to be sodded.

Existing concrete right-of-way markers are not to be disturbed, but if damaged in any way, they are to 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 which are entirely removed are to 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 is to 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 is not to be covered until inspected by the Department and express permission obtained to make backfill.

All gutter lines at the base of new curbs are to be on continuous grades, and pockets of water along curbs, or in entrance areas or other paved areas within the right-of-way, are not 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:

VI. PAVING

- No bituminous pavement is to be installed within the right-of-way between November 15 and April 1, nor when the temperature is below 40°F, without the express consent of the Department. No bituminous pavement is to be installed when the underlying course is wet.
- Paving within the right-of-way shall be as follows: * FLOWABLE FILL REQUIRED
* * 1 1/4" MILL & OVERLAY DRIVING LANE.
- Base (Type) FLOWABLE FILL (Thickness) VARIOUS
- Surface Base (Type) PG-64-22 0.75 in. (Thickness) MATCH EXISTING
- Finished Surface (Type) PG-64-22 0.38 in (Thickness) 1 1/4" MILL & OVERLAY.
- Existing pavement and shoulder material shall be removed to accommodate 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 Specifications for Road and Bridge Construction, latest edition.
- 24 hours notice to the Department is required prior to beginning paving operations:
Phone: 341-2700 Name MARK BRANNON
- To insure proper surface drainage the new pavement is to be flush with the edge of existing highway pavement and is to slope away from the existing edge of the pavement as specified on 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 pavement.

VII. SIDEWALKS SPECIFICATIONS

A. New Sidewalks

- Sidewalks are to be constructed of Class A concrete (3,500 p.s.i. test), are to be * _____ feet in width, are to be 6" in thickness across the bituminous entrance and 4" in thickness across the remaining sections.
 - Sidewalks are to have tooled joints, not less than 1" in depth at *four (4) foot intervals, and 1/2 premolded expansion joints extending entirely through the sidewalk at intervals not to exceed fifty (50) feet.
- * This dimension should be equal to the width of the sidewalk
- All materials and methods of construction, including curing, is to be in accordance with 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 is not to be blocked or obstructed, and a usable walkway is to be maintained across the construction area at all times.
- All damaged sections of the sidewalks are to 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, damaged, or on which dirt has been placed or mud is deposited or tracked, are to 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 on the plan are to consist of 5" compacted dense graded aggregate 2 1/2 pounds per square yard calcium chloride.
- All dense graded aggregate shoulders are to slope away from the new edge of pavement at the rate of 3/4" 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 of the rolled curb type with a minimum base width of 8" 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 are to be constructed of Class A concrete (3,500 p.s.i. test) and are to be uniform in height, width, and alignment, true to grade and neat for top 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 are to be 6" in width, extend _____ " above finished grade and 12" below finished grade, with all visible edge rounded to 1/2" radii.
- All concrete curbs shall have expansion joints constructed at intervals of not more than 30 feet and 1/2" 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 finish grade.

X. RIGHT-OF-WAY FENCE REPLACEMENT

- The replacement fence shall be a height of at least 48" and shall be of sufficient density to contain all animals. (If applicable)
- The replacement fence shall be a minimum of one foot (1') and a maximum of two feet (2') outside the right-of-way line.
- The fence materials and design shall meet accepted industry standards and be treated as paintable.
- The permittee shall be required to maintain the fence in a high state of repair.
- The existing fence shall be removed by permittee and stored at Department's maintenance storage yard for future reuse by the Department.
- The control of access shall not be diminished as a result of replacement of the fence.
- Miscellaneous:

NOTICE TO PERMITTEE

THE PERMITTEE AGREES THAT ALL WORK WITHIN THE EXISTING RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE PLANS AS APPROVED AND PERMITTED BY AN ENCROACHMENT PERMIT, ANY CHANGES OR VARIANCES MADE AT THE TIME OF CONSTRUCTION WITHOUT WRITTEN APPROVAL FROM THE DEPARTMENT OF HIGHWAYS SHALL BE REMOVED BY THE PERMITTEE AT NO EXPENSE TO THE DEPARTMENT OF HIGHWAYS AND SHALL BE REDONE TO CONFORM WITH THE APPROVED PLANS.

KENTUCKY TRANSPORTATION CABINET
 Department of Highways
 Permits Branch

TC 99-1
 Rev. 3/99

Released Date _____

ENCROACHMENT PERMIT

PERMIT NO. 06-0214-05

APPLICANT IDENTIFICATION:
 NAME: Northern Kentucky Water District
 PERSON: Steve Broering
 ADDRESS: 3049 Dixie Highway
 CITY: Covington
 STATE: KY ZIP CODE: 41017
 PHONE: area code (859) 426-2728

PROJECT IDENTIFICATION:
 ACCESS CONTROL: By Permit Partial Full
 COUNTY: CAMPBELL PRIORITY ROUTE NO: 547
 MILEPOINT: * Left Right X-ing
 PROJECT STATUS: Maint. Const. Design
 PROJECT # STATE: MP-019-0547
 PROJECT # FEDERAL: _____
 ROAD/ STREET NAME: Four Mile Pike / Nelson Rd.

TYPE OF ENCROACHMENT:
 COMMERCIAL ENTRANCE - BUSINESS
 PRIVATE ENTRANCE: Single Family Farm
 UTILITY: Overhead Underground
 GRADE: Fill Landscape on RW
 AIRSPACE: Agreement Lease
 OTHER: (Specify) _____

ATTACHMENTS:
 Standard Drawings (List on TC 99-21 under Misc.)
 Applicant's Plans
 Highway Plan and Profile Sheets
 TC 99-3 (Pending Encroachment Specs. & Conditions)
 TC 99-4 (Rest Area Usage Specs. & Conditions)
 TC 99-5 (Tree Cutting/Trimming Specs. & Conditions)
 TC 99-6 (Chemical Use of Specs. & Conditions)
 TC 99-10 (Typical Hwy. Boring Crossing Detail)
 TC 99-12 (Overhead Utility Encroachment Diagram)
 TC 99-13 (Surface Restoration Methods)
 TC 99-21 (Encroachment Permit General Notes & Specs.)
 TC 99-22 (Agreement for Services to be Performed)
 TC 99-23 (Mass Transit Shelter Specs. & Conditions)
 Other Attachments (Specify): _____

APPROVED
APR 01 2005

TYPE OF INDEMNITY: Bond Cash
 SELF-INSURED AMOUNT ENCUMBERED \$ 25,000
 OTHER: _____

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

INDEMNITY: The applicant, in order to secure this obligation, has deposited with the Transportation Cabinet as a guarantee 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 permittee, 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: (If private entrance, show sketch with pipe location. Separate attached drawings required for encroachments other than private entrances.)
Installation of 12" Ductile Iron water pipe on 4 mile pike (547) and Nelson Rd (1297) *MP. 1.831 to 2.52
↳ Poplar Ridge to Nelson Rd. ↳ 4 mile to Stonehouse

IMPORTANT (PLEASE READ): Applicant does does not intend to apply for excess RW.

When the work is completed in accordance with the terms of this encroachment permit, your indemnity will be released. However, the permit is void 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 PERMITTEE.** It is important that you understand the requirements of this encroachment permit application and accompanying documents. If you have not done so, we suggest that you review these documents and place the permit package in a safe place for future reference.

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 at all times. Failure to meet this requirement may result in cancellation of this permit.

IF EVENT THIS APPLICATION IS APPROVED _____

The permittee agrees to the following terms and conditions:

1. The permittee shall comply with and is bound by the requirements of the Department's Permit 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 other capacity conditions develop as a result of the installation and use of this facility, the permittee shall adjust, relocate, 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 Permit Manual within a reasonable length of time after receipt of written notice regarding such adjustments, relocation, addition, modification, and/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 (a) shall be borne by the permittee and/or the Department in accordance with Department policy then in force as set forth in the Traffic 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 hereinafter: (a) consent to the granting of attached permit. (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 Verona Vix and dated 2/2/05 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 proscribed 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 indemnify does 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 reserved by the Department may cause same to be rammed, and the costs therefor shall be charge 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 procedure 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.

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

January 1st July 1st 20 06 2/2 20 05 Steve Brown Signature Date

RECOMMENDED FOR APPROVAL

[Signature] Title [Signature] Signature [Signature] Chief District Engineer Date

PRIVATE ENTRANCE: TO BE COMPLETED BY PERSONNEL INSTALLING FACILITY.

Installed By: _____ Title _____ Signature _____ Date _____

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: 06-0214-05

Contact Person:

County: Campbell

Address: P.O. BOX 17010

Route Number: 547

City: COVINGTON

Road Name: FOUR MILE PIKE

State: KY Zip: 41017

Milepoint: 1.831

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
P.O. Box 17130
Covington, Ky. 41017

Attention:

Edmond C. Thompson

COUNTY ORDINANCE NO. 0-17-92
CAMPBELL COUNTY, KENTUCKY

APPLICATION AND PERMIT TO OPEN OR CUT COUNTY ROAD OR UTILITY FACILITY

File 184-112

PERMIT NO.: 07-05

NAME: Northern Kentucky Water District

ADDRESS: 3049 Dixie Highway, P.O. Box 17010
Edgewood, Kentucky 41017

LOCATION OF PROJECT: Poplar Ridge Road - Upper Tug Fork to Four Mile Pike
Nelson Road

PAVEMENT CLASSIFICATION NO.: Asphalt Base + Surface with Joint Sealing

BACKFILL METHOD A: Per Section 3.20 NKWD SPECS B: _____

DESCRIPTION OF WORK TO BE DONE: Installation of 12" Ductile Iron Water Main

DATE OF OPENING TO BE MADE: March 2005

ATTACHEMENTS: _____ DRAWING OF PROPOSED WORK (PER COUNTY SAMPLE).

APPROVAL SHALL CONSTITUTE A PERMIT FOR THE APPLICANT TO OPEN OR CUT STREET OR UTILITY FACILITY, PER THE TERMS OF CAMPBELL COUNTY ORDINANCE 0-17-92, BUT ONLY IN THE MANNER AUTHORIZED BY THIS DOCUMENT. APPLICANT'S SIGNATURE HEREON CONSTITUTES ACCEPTANCE OF THE TERMS OF ORDINANCE 0-17-92, AND APPLICANT HEREBY AGREES TO COMPLY THEREWITH.

Steve Brumby 2/7/05
APPLICANTS SIGNATURE DATE

PERMIT FEE: \$17.00
CASH INDEMNITY NO LESS THAN \$500.00

DIRECTOR OF TRANSPORTATION: Kon Schultz

COUNTY JUDGE/EXECUTIVE: Steve Crumley

THE APPLICANT SHALL HOLD THE COUNTY HARMLESS FROM ALL CLAIMS, DEMANDS, SUITS, DAMAGES AND CAUSES OF ACTIONS ARISING FROM OR RELATING TO THE ACTIVITIES PROVIDED FROM IN THIS APPLICANT, OTHER THAN THE ACTUAL NEGLIGENCE OR INTENTIONAL WRONGDOING OF THE COUNTY, OR ITS AGENTS OR EMPLOYEES.



ERNIE FLETCHER
GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

LAJUANA S. WILCHER
SECRETARY

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

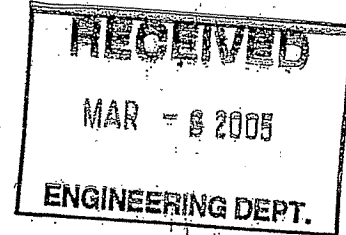
DIVISION OF WATER

14 REILLY ROAD

FRANKFORT, KENTUCKY 40601-1190

www.kentucky.gov

October 18, 2004



Justin T. Dennis
Northern Kentucky Water District
3049 Dixie Hwy., P.O. Box 17010
Covington, KY 41017

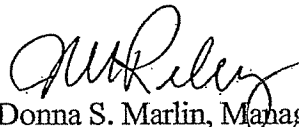
Re: Northern Kentucky Water District PWS--2485
DW No. 0590220-05-003
Poplar Ridge/Four Mile/Nelson Road
Activity ID: APE20050003

Dear Mr. Dennis:

We have reviewed the plans and specifications for the above referenced project. The plans include the construction of approximately 13,150 feet of 12-inch DI water line. 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 enclosed waterline extension construction permit.

If you have any questions regarding this decision, please contact John B. Mathews Jr., at (502) 564-2225, extension 578.

Sincerely,

for 
Donna S. Marlin, Manager
Drinking Water Branch
Division of Water

DSM/JBM
Enclosure

CC: Viox and Viox, Inc.
Kenton County Health Department
Public Service Commission



Distribution-Major Construction

Northern KY Water Service

Subject Item Inventory

Activity ID No.: APE20050003

Subject Item Inventory:

ID	Designation	Description
AIOO2485		
PORT57	Water Line	13,150 feet of 12-inch DI

Subject Item Groups:

ID	Description	Components
GACT59	13,150 feet of 12-inch DI	PORT57 13,150 feet of 12-inch DI

KEY:

ACTV = Activity

AREA = Area

EQPT = Equipment

PERS = Personnel

STOR = Storage

TRMT = Treatment

AIOO = Agency Interest

COMB = Combustion

MNPT = Monitoring Point

PORT = Transport

STRC = Structure

Distribution-Major Construction

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20050003

GACT59 (Poplar Ridge/4 mile/Nelso) 13,150 feet of 12-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)]
S-2	Condition 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	Condition 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)]

Distribution-Major Construction

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20050003

Page 2 of 7

Narrative Requirements:

Additional Limitations:

Condition No.	Condition
T-1	<p>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)]</p>
T-2	<p>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)]</p>
T-3	<p>Unless construction of this project is begun within 1 year from the issuance date of this permit, the permit shall expire. If requested prior to the permit expiration, an official extension from the Division of Water may be granted. 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)]</p>
T-4	<p>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)]</p>

Distribution-Major Construction

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20050003

Page 3 of 7

PORT57 (Water Line) 13,150 feet of 12-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 ≤ 1.0 mi should be utilized. [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.

Distribution-Major Construction

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20050003

Limitation Requirements:

Condition No.	Parameter	Condition
L-7	Distance	<p>When water lines and sewers cross,</p> <ol style="list-style-type: none"> 1) water lines shall be laid such that the bottom of the water line is a vertical Distance \geq 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, <p>and</p> <ol style="list-style-type: none"> 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	<p>The open end of an air relief pipe from automatic valves shall be extended a Distance \geq 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.</p>
L-9	Pressure	<p>Pipes shall not be installed unless all points of the distribution system remain designed for ground level Pressure \geq 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.</p>
L-10	Pressure	<p>Pressure \geq 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.</p>
L-11	Residual Disinfection	<p>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 \geq 2.5 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.</p> <p>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.</p>
L-12	Velocity	<p>Each fire hydrant shall be sized so that Velocity \geq 2.5 ft/sec can be achieved in the water main served by the 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.</p>

Distribution-Major Construction

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20050003

Page 5 of 7

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:

Additional Limitations:

Condition No.	Condition
T-1	Additional Limitations: Water line installation shall be in accordance with AWWA standards or manufacturer recommendations. [Recommended Standards for Water Works 8.5.1]
T-2	Additional Limitations: Pipes, fittings, valves and fire hydrants shall conform to the latest standards issued by the AWWA or NSF (if such standards exist). [Recommended Standards for Water Works 8.0.1]
T-3	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-4	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-5	Additional Limitations: A fire hydrant shall be required at the end of each dead end line. [Recommended Standards for Water Works 8.1.6]
T-6	Additional Limitations: For each fire hydrant, auxiliary valves shall be installed in the hydrant lead pipe. [Recommended Standards for Water Works 8.3.3]

Distribution-Major Construction

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20050003

Page 6 of 7

Narrative Requirements:

Additional Limitations:

Condition No.	Condition
T-7	<p>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]</p>
T-8	<p>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]</p>
T-9	<p>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]</p>
T-10	<p>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)]</p>
T-11	<p>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 at 502-564-3410. [401 KAR 8:100 Section 1(7)]</p>

Distribution-Major Construction

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20050003

Narrative Requirements:

Subfluvial Pipe Crossings:

Condition No.	Condition
T-12	<p>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.</p> <ol style="list-style-type: none">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)]
T-13	<p>Subfluvial Pipe Crossings: For subfluvial pipe crossings greater than 15 feet in width,</p> <ol style="list-style-type: none">1) the pipe shall be of special construction, having flexible, restrained, or welded watertight joints, and2) valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair. <p>Valves shall</p> <ol style="list-style-type: none">a) be easily accessible,b) not be subject to flooding, andc) 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]



90000 SERIES
30% P.C.M.

Case No. 200-_____
Exhibit E

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

Copy of Rate Schedule

**APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE
COMMISSION IN CASE NO. 2003-00224 DATED June 14, 2004**

The following rates and charges are prescribed for the customers in the area served by Northern Kentucky Water District. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of this Commission prior to the effective date of this order.

Effective Date: August 16, 2004

1. Service Charges

<u>Meter Size</u>	<u>Monthly</u>	<u>Quarterly</u>
5/8"	\$ 10.33	\$ 15.37
3/4"	\$ 10.68	\$ 16.16
1"	\$ 11.61	\$ 18.53
1 1/2"	\$ 13.05	\$ 21.72
2"	\$ 16.38	\$ 30.36
3"	\$ 38.84	\$ 93.42
4"	\$ 48.63	\$117.14
6"	\$ 72.03	\$172.60
8"	\$ 97.18	\$235.61
10" and larger	\$129.43	\$307.44

2. Commodity Charges

	<u>Monthly Block</u>	<u>Quarterly Block</u>	<u>Rate</u>
First	1,500 cubic feet	4,500 cubic feet	\$2.63 per 100 cubic feet
Next	163,500 cubic feet	490,500 cubic feet	\$2.23 per 100 cubic feet
Over	165,000 cubic feet	495,000 cubic feet	\$2.08 per 100 cubic feet

3. Sub-district Charges

- Sub-district A shall be assessed a monthly surcharge in the amount of \$11.06
- Sub-district B shall be assessed a monthly surcharge in the amount of \$19.98
- Sub-district C shall be assessed a monthly surcharge in the amount of \$21.65
- Sub-district D shall be assessed a monthly surcharge in the amount of \$30.00
- Sub-district E shall be assessed a monthly surcharge in the amount of \$30.00
- Sub-district R shall be assessed a monthly surcharge in the amount of \$18.89
- Sub-district RF shall be assessed a monthly surcharge in the amount of \$30.00
- Sub-district RL shall be assessed a monthly surcharge in the amount of \$37.50

Wholesale Water Rates

Bullock Pen Water District	\$1.80 per 100 cubic feet or \$2.40 per 1000 gallons
City of Walton	\$1.80 per 100 cubic feet or \$2.40 per 1000 gallons
Pendleton County	\$1.80 per 100 cubic feet or \$2.40 per 1000 gallons

Miscellaneous Service Fees

Returned Check Charge	\$20.00
Water Hauling Station	\$ 3.50 per 1000 gallons
Reconnection Fee	\$25.00
Overtime Charge	\$40.00



90000 SERIES
10% P.C.M.

Case No. 200-_____
Exhibit _____ F _____

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County

184-111, 184-112, 184-132

Sources of Construction Funds

This Project Will Be Funded By BAN 2005



90000 SERIES
30% P.C.W.

Case No. 200-_____
Exhibit _____ G _____

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

2002 Northern Kentucky Water District Annual Report for
Class-A and Class-B Water Districts

WATER

CLASS A & B
WATER DISTRICTS & ASSOCIATIONS

ANNUAL REPORT

OF

NORTHERN KENTUCKY
WATER DISTRICT

P.O. BOX 220
100 AQUA DRIVE

COLD SPRING, KY 41076

TO THE

PUBLIC SERVICE COMMISSION

OF THE

COMMONWEALTH OF KENTUCKY

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

FOR THE YEAR ENDED DECEMBER 31, 2002

KENTUCKY PUBLIC SERVICE COMMISSION
REPORT OF GROSS OPERATING REVENUES DERIVED FROM INTRA-KENTUCKY
BUSINESS FOR THE YEAR ENDING DECEMBER 31, 20 02

Northern Kentucky Water District 100 Aqua Drive, Cold Spring
 (Utility Reporting) (Address) KY 41076

(DO NOT INCLUDE TAXES COLLECTED)

(1) Gross Revenues of Electric Utility.....\$ _____
 (2) Gross Revenues of Gas Utility.....\$ _____
 (3) Gross Revenues of Water Utility.....\$ 28,031,247
 (4) Gross Revenues of Sewer Utility.....\$ _____
 (5) Other Operating Revenues.....\$ 1,225,807
 *** TOTAL GROSS REVENUES.....\$ 29,257,054

OATH

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

Ronald J. Barrow being duly sworn, states that he/she is
 (Officer)

Vice President-Finance of the Northern Kentucky Water District that the above
 (Official Title) (Utility Reporting)

report of gross revenues is in exact accordance with Northern Kentucky Water Dist and that such
 (Utility Reporting)

books accurately show the gross revenues of: Northern Kentucky Water Dist, derived from
 (Utility Reporting)

Intra-Kentucky business for the calendar year ending December 31, 20 02.

Ronald J. Barrow
 (Officer) (Title)

This the 28th day of March, 20 03
Connie S. Reekers Campbell 7/03/05
 (Notary Public) (County) (Commission Expires)

NOTE: ANY DIFFERENCE BETWEEN THE AMOUNT OF THE GROSS REVENUES SHOWN IN THE ANNUAL REPORT AND THE AMOUNT APPEARING ON THIS STATEMENT MUST BE RECONCILED ON THE REVERSE OF THIS REPORT.

Water Districts/Associations - Class A & B

Annual Report

Of

^N
NORTHERN KENTUCKY WATER DISTRICT

Exact Legal Name of Reporting Utility

100 Aqua Drive, Cold Spring, KY 41076

(Address of Utility)

TO THE
PUBLIC SERVICE COMMISSION
OF THE
COMMONWEALTH OF KENTUCKY

FOR THE CALENDAR YEAR ENDED DECEMBER 31, 20 02

CHECKLIST FOR THE ANNUAL REPORT
FOR CLASS A AND B WATER DISTRICTS AND WATER ASSOCIATIONS
TO BE COMPLETED AND RETURNED WITH THE ANNUAL REPORT

Page No.	Account No.	The identification pages have been completed	Page No.	Yes	No	If No, Explain Why
4-6						
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 Balance 114-115		X		
7	123	agrees with 17 Total 123		X		
7	124-125	agrees with 17 Total 124 and 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 Total 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		

CHECKLIST FOR THE ANNUAL REPORT
 FOR CLASS A AND B WATER DISTRICTS AND WATER ASSOCIATIONS
 TO BE COMPLETED AND RETURNED WITH THE ANNUAL REPORT

Page No.	Account No.	Page No.	Yes	No	If No, Explain Why
9	233 agrees with 24	Total 233	X		
9	234 agrees with 24	Total 234	X		
9	236 agrees with 25	Beginning and 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 and Ending Balance 252	X		
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 Contributions agrees with 12	Balance Trans From Inc Col c	X		
13	101 agrees with 14	Total Water Plant Col f	X		
14	The analysis of water utility plant accounts Cols c through k has been completed.		X		
15	The analysis of accumulated depreciation and amortization by primary account 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 of Bond Maturities has been completed		X		
27	Taxes collected (example: school tax, sales tax, franchise tax) have been excluded from Revenue and Expenses		X		
27	The analysis of water operating revenue Cols c, d, and e has been completed.		X		

CHECKLIST FOR THE ANNUAL REPORT
 FOR CLASS A AND B WATER DISTRICTS AND WATER ASSOCIATIONS
 TO BE COMPLETED AND RETURNED WITH THE ANNUAL REPORT

Page No.	Account No.	Page No.	Yes	No	If No, Explain Why
28	The analysis of water utility expense Cols c through k has been completed.		X		
29	Schedule of Pumping and Purchased Water Statistics has been completed.		X		
29	Total Col (d) agrees with 30 Line 4, Total Produced and 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		

Additional Requested Information

Utility Name Northern Kentucky Water District

Contact Person Ronald R. Barrow, V.P. of Finance

Contact Person's E-Mail Address RBarrow@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 contacts please include their names and e-mail addresses also.

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 surcharge amounts collected, refunds issued, and unusual debt repayments.

Case No.	Date of Order	Item/Explanation	
96-234	8/26/1996	Merger of Campbell Co. Water District and Kenton Co. Water District No. 1. Effective date of Merger 1/1/97.	
97-330	9/2/1997	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 12/31/2001	413
		b. Total surcharge billed during 2001	66,175
		c. Accumulated surcharge billed.	945,555
		d. Remaining Debt service on debt which NKWD issued to finance facilities.	937,461
94-409	1/26/1995	Subdistrict B	
		a. Number of Customers as of 12/31/2001	249
		b. Total surcharge billed during 2001	63,716
		c. Accumulated surcharge billed.	462,124
		d. Remaining Debt service on debt which NKWD issued to finance facilities.	3,382,751
95-582	2/8/1996	Subdistrict R	
		a. Number of Customers as of 12/31/2001	230
		b. Total surcharge billed during 2001	52,372
		c. Accumulated surcharge billed.	338,893
		d. Remaining Debt service on debt which NKWD issued to finance facilities.	1,149,169
95-582	2/8/1996	Subdistrict RL	
		a. Number of Customers as of 12/31/2001	86
		b. Total surcharge billed during 2001	38,704
		c. Accumulated surcharge billed.	275,274
		d. Remaining Debt service on debt which NKWD issued to finance facilities.	795,899
97-468	9/4/1998	Per itm 7 on the order. See attached exhibit ML 1	

2000-329	7/21/2000	Subdistrict C	
		a. Number of Customers as of 12/31/2001	793
		b. Total surcharge billed during 2001	251,164
		c. Accumulated surcharge billed	536,621
		d. Remaining Debt service on debt which NKWD issued to finance facilities.	6,997,139
2000-171	5/5/2000	Subdistrict D	
		a. Number of Customers as of 12/31/2001	58
		b. Total surcharge billed during 2001	23,925
		c. Accumulated surcharge billed.	47,910
2001-198	6/27/2001	Defeasance of the former Kenton County Water District Bonds and Newport WW Purchas Principal of the Issue.	45,485,000
2002-00363	10/1/2002	Defeasance of the former Kenton County Water District Bonds. Principal of the Issue.	10,575,000

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 purpose 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: (community, area or nearby roads)

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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 location including city, street and number, of the executive office:

**100 Aqua Drive
P.O. Box 220
Cold Spring, Kentucky 41076**

3. Give name, title, address, and telephone number of the officer to whom correspondence concerning this report should be addressed:

**Ronald J. Barrow
P.O. Box 220, Cold Spring, Kentucky 41076**

4. Date of organization: **January 1, 1997**

5. If a consolidated or merger company, name all contingent and all merged companies. Give reference to charters or general laws governing each and all amendments of same:

N/A

6. Date and authority for each consolidation and each merger:

N/A

7. State whether respondent is a corporation, a joint stock association, a firm or partnership or an individual:

**Non-profit water utility
Special District – State of Kentucky**

History - Continued

8. Name all other operating departments:

N/A

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

Campbell County, Kenton County, Boone County
Wholesale: Pendleton County, Boone County

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

Account No. (a)	Account Name (b)	Ref Page ©	Previous Year (d)	Current Year (e)
UTILITY PLANT				
101-106	Utility Plant	13	\$ 197,769,395	\$ 220,563,711
108-110	Less: Accumulated Depreciation and Amortization	13,15-16	(35,070,090)	(39,062,568)
	Net Plant		\$ 162,699,305	\$ 181,501,143
114-115	Utility Plant Acquisition Adjustments (Net)	16	-	4,928,019
116	Other Utility Plant Adjustments			
	Total Net Utility Plant		\$ 162,699,305	\$ 186,429,162
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	19,237,183	17,861,172
125	Other Investments	17	3,698,420	3,763,085
126-127	Special Funds	17		
	Total Other Property & Investments		\$ 22,935,603	\$ 21,624,257
CURRENT AND ACCRUED ASSETS				
131	Cash		\$ 1,365,522	\$ 2,754,057
132	Special Deposits			
133	Other Special Deposits		14,157,532	6,408,288
134	Working Funds			
135	Temporary Cash Investments			
141-144	Accounts Receivable, Less Accumulated Provision for Uncollectible Accounts	18	2,605,707	2,944,888
145	Accounts Receivable from Associated Companies			
146	Notes Receivable from Associated Companies			
151-153	Materials & Supplies	19	941,592	1,096,311
161	Stores Expense			
162	Prepayments	19	2,954,428	2,858,830
171	Accrued Interest & Dividends Receivable			
172	Rents Receivable			
173	Accrued Utility Revenues		2,892,997	3,300,000
174	Misc. Current & Accrued Assets			
	Total Current & Accrued Assets		\$ 24,917,778	\$ 19,362,374

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

Account No. (a)	Account Name (b)	Ref. Page c	Previous Year (d)	Current Year (e)
DEFERRED DEBITS				
181	Unamortized Debt Discount & Expense	20	\$ 2,522,582	\$ 2,481,909
182	Extraordinary Property losses	21		
183	Preliminary Survey & Investagation Charges			
184	Clearing Accounts			
185	Temporary Facilities			
186	Misc. Deferred Debits	20	647,093	3,201,775
187	Research & Development Expenditures			
	Total Deferred Debits		\$ 3,169,675	\$ 5,683,684
	TOTAL ASSETS AND OTHER DEBITS		\$ 213,722,361	\$ 233,099,477

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES

Account No. (a)	Account Name (b)	Ref Page c.	Previous Year (d)	Current Year (e)
Equity Capital				
214	Appropriated Retained Earnings	12	\$ 28,850,992	\$ 18,735,739
215.1	Retained Earnings from Income Before Contributions	12	\$ 28,327,499	\$ 40,129,372
215.2	Donated Capital	12	\$ 31,909,995	\$ 33,948,961
	Total Equity Capital		\$ 89,088,486	\$ 92,814,072
LONG-TERM DEBT				
221	Bonds	23	\$ 100,785,000	\$ 116,978,000
222	Reacquired Bonds			
223	Advances from Asso. Companies			
224	Other Long-Term Debt	22		
	Total Long-Term Debt		\$ 100,785,000	\$ 116,978,000
CURRENT & ACCRUED LIABILITIES				
231	Accounts Payable		\$ 2,717,556	\$ 2,213,938
232	Notes Payable	24	17,005,000	17,005,000
233	Acts. Payable to Asso. Co.	24		
234	Notes Payable to Asso. Co.	24		
235	Customer Deposits		3,750	5,150
236	Accrued Taxes	25		
237	Accrued Interest	25	2,547,417	2,562,698
239	Matured Long-Term Debt			
240	Matured Interest			
241	Tax Collections Payable			
242	Misc. Current & Accrued Liabilities	26	1,569,902	1,445,136
	Total Current & Accrued Liabilities		\$ 23,843,625	\$ 23,231,922
DEFERRED CREDITS				
251	Unamortized Premium on Debt	20	\$ 5,250	\$ 75,483
252	Advances for Construction	21		
253	Other Deferred Credits			
	Total Deferred Credits		5,250	75,483
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			\$ 213,722,361	\$ 233,099,477

COMPARATIVE OPERATING STATEMENT

Acct. No. (a)	Account Name (b)	Ref. Page c	Previous Year (d)	Current Year (e)
	Utility Operating Income			
400	Operating Revenues	27	\$ 24,860,664	\$ 28,031,247
401	Operating Expenses	28	\$ 15,274,915	\$ 16,751,566
403	Depreciation Expenses		3,636,840	4,368,388
406	Amortization of Utility Plant			
	Acquisition Adjustment		3,409	100,572
407	Amortization Expense		57,442	158,025
408.1	Taxes Other Than Income	25	390,785	429,386
	Utility Operating Expenses		\$ 19,363,391	\$ 21,807,937
	Utility Operating Income		\$ 5,497,273	6,223,310
413	Income From Utility Plant Leased to Others			
414	Gains (Losses) From Disposition of Utility Property		(88,157)	(9,600)
	Total Utility Operating Income		\$ 5,409,116	\$ 6,213,710
	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		1,263,833	1,148,898
420	Allowance for Funds Used During Construction			
421	Nonutility Income		53,969	76,909
426	Miscellaneous Nonutility Expense			
	Total Other Income & Deductions		\$ 1,317,802	1,225,807
	TAXES APPLICABLE TO OTHER INCOME			
408.2	Taxes Other Than Income		\$	\$
	Total Taxes Applic. To Other Income		\$	\$

COMPARATIVE OPERATING STATEMENT - Continued

Account No. (a)	Account Name (b)	Ref Page ©	Previous Year (d)	Current Year (e)
INTEREST EXPENSE				
427	Interest Expense		\$ 5,072,313	\$ 5,592,915
428	Amortization of Debt Discount & Exp.		96,019	88,857
429	Amortization of Premium on Debt		84,453	71,123
	Total Interest Expense		\$ 5,252,785	\$ 5,752,895
EXTRAORDINARY ITEMS				
433	Extraordinary Income		\$ -	\$ -
434	Extraordinary Deductions			
	Total Extraordinary Items		\$ -	\$ -
	NET INCOME		\$ 1,474,133	\$ 1,686,622

Statement of Retained Earnings

ACCT. No. (a)	(b)	Amount (c)
214	Appropriated Retained Earnings (state balance and purpose of each appropriated amount at year end):	
	Bond Proceeds	\$ 3,714,771
	Debt Service and Reserve	\$ 11,150,752
	Improvement, Repair and Replacement	\$ 3,870,216
	Total Appropriated Retained Earnings.....	\$ 18,735,739

215.1	Retained Earnings From Income Before Contributions:	
	Balance Beginning of Year.....	\$ 28,327,499
435	Balance Transferred from Net Income Before Contributions.....	\$ 1,686,622
	Other Changes to Account:	
436	Appropriations of Retained Earnings.....	\$ 10,115,251
439	Adjustments to Retained Earnings (requires Commission approval prior to use):	
	Credits (explain) _____	\$ _____
	Debits (explain) _____	\$ _____
	Balance End of Year.....	\$ 40,129,372

215.2	Donated Capital:	
		Tapping Fees Grants Other Total
	Balance Beginning of Year.....	2,785,158 3,797,826 25,327,011 31,909,995
	Credits:	
432	Proceeds from capital contributions.....	550,783 198,641 1,289,542 2,038,966
	Other Credits (explain)	_____
	Debits: (explain - Requires Commission Approval)	_____
	Balance End of Year.....	3,335,941 3,996,467 26,616,553 33,948,961

NET UTILITY PLANT (ACCTS. 101 - 106)

Account No.	Plant Accounts	Total
101	Utility Plant in Service	\$ 217,743,119
102	Utility Plant Leased to Others	
103	Property Held for Future Use	
104	Utility Plant Purchased of Sold	
105	Construction Work in Progress	2,820,592
106	Completed Construction Not Classified	
	Total Utility Plant	\$ 220,563,711

ACCUMULATED DEPRECIATION (ACCT. 108)

Description	Total
Balance first of year	\$ 35,070,090
Credit during year:	
Accruals Charged to Account 108.1	4,368,388
Accruals Charged to Account 108.2	
Accruals Charged to Account 108.3	
Accruals Charged to Other Accounts (specify)	
Salvage	
Other Credits (specify)	
Total Credits	\$ 4,368,388
Debits during year:	
Book Cost of Plant Retired	\$ 375,910
Cost of Removal	
Other Debits (specify)	
Total Debits	\$ 375,910
Balance end of year	\$ 39,062,568

Water Utility Plant Accounts

Acct. No.	Account Name	Previous Year	Additions	Retirement	Current Year	Intangible Plant	Source of Supply & Pumping	WT Plant	Trans. & Distribu Plant	General Plant
Acct.	b	c	d	e	f	g	h	i	j	k
301	Organization									
302	Franchises									
303	Land and Land Rights	605,416	-	-	605,416	XXXXXX	29,200	72,496	XXXXXX	XXXXXX
304	Structure & Improvements	44,160,780	17,842,907	-	62,003,687	XXXXXX	16,870,945	33,588,111	XXXXXX	298,117
305	Collecting & Impounding Reservoirs					XXXXXX			XXXXXX	4,146,713
306	Lake River & Other Intakes	1,505,478	19,114	-	1,524,592	XXXXXX	1,524,592	XXXXXX	XXXXXX	XXXXXX
307	Wells & Springs					XXXXXX			XXXXXX	XXXXXX
308	Infiltration on Galleries & Tunnels					XXXXXX			XXXXXX	XXXXXX
309	Supply Mains	2,307,853	-	-	2,307,853	XXXXXX	2,307,853	XXXXXX	XXXXXX	XXXXXX
310	Power Generation Equipment					XXXXXX			XXXXXX	XXXXXX
311	Pumping Equipment	8,263,314	166,551	-	8,429,865	XXXXXX	8,429,865	XXXXXX	XXXXXX	XXXXXX
320	Water Treatment Equipment	8,076,774	985,869	28,402	9,034,241	XXXXXX		9,034,241	XXXXXX	XXXXXX
330	Distribution Reservoirs & Standpipes	7,440,741	-	-	7,440,741	XXXXXX			7,440,741	XXXXXX
331	Transmission & Distribution Mains	79,679,225	13,802,382	213,765	93,267,842	XXXXXX			93,267,842	XXXXXX
333	Services	16,158,101	488,680	-	16,646,781	XXXXXX			16,646,781	XXXXXX
334	Meters & Meter Installation	5,058,625	378,948	-	5,437,573	XXXXXX			5,437,573	XXXXXX
335	Hydrants	3,863,609	46,276	-	3,909,885	XXXXXX			3,909,885	XXXXXX
339	Other Plant & Misc. Equipment	1,042,120	132,248	2,698	1,171,670	XXXXXX			1,171,670	XXXXXX
340	Office Furniture & Equipment	1,874,169	302,341	66,279	2,110,231	XXXXXX			XXXXXX	2,110,231
341	Transportation Equipment	1,948,748	235,832	47,546	2,137,034	XXXXXX			XXXXXX	2,137,034
342	Stores Equipment					XXXXXX			XXXXXX	XXXXXX
343	Tools, Shop & Garage Equip.	300,502	-	-	300,502	XXXXXX			XXXXXX	300,502
344	Laboratory Equipment					XXXXXX			XXXXXX	XXXXXX
345	Power Operated Equipment	461,367	146,523	92,099	515,791	XXXXXX			XXXXXX	515,791
346	Communication Equipment					XXXXXX			XXXXXX	XXXXXX
347	Miscellaneous Equipment					XXXXXX			XXXXXX	XXXXXX
348	Other Tangible Plant	897,994	1,421	-	899,415	XXXXXX			XXXXXX	899,415
	Total Water Plant	183,644,816	34,549,092	450,789	217,743,119	-	29,162,455	42,694,848	135,477,813	10,408,003

Analysis of Accumulated Depreciation and Amortization by Primary Account

Acct. No. (a)	Account (b)	Balance Beginning of Year (c)	Credits During the Year		Charges During The Year		Balance End of Year (h)
			Charges to Dep. Exp. (d)	Other Credits (e)	Plant Retirements (f)	Other Charges (g)	
301	Organization	\$	\$	\$	\$	\$	
302	Franchises						
303	Limited Term Interest in Land and Land Rights	6,969,480	1,199,051				8,168,531
304	Structures & Improvements						
305	Collecting & Impounding Reservoirs						
306	Lake River & Other Intakes	369,883	76,805				446,688
307	Wells & Springs						
309	Supply Mains	269,479	23,312				292,791
310	Power Generating Equip.						
311	Pumping Equipment	2,386,854	345,246			28,340	2,703,760
320	Water Treatment Equip.	1,538,901	353,820				1,892,721
330	Distribution Reservoirs & Standpipes	2,143,395	132,754				2,276,149
331	Transmissions & Distribution Mains	10,004,070	971,846			138,947	10,836,969
333	Services	4,777,956	332,113				5,110,069
334	Meters & Meter Installations	1,063,011	131,315				1,196,326
335	Hydrants	949,175	77,914				1,027,089
339	Other Plant & Misc. Equip.	729,542	89,349			2,699	816,192
340	Office Furniture & Equip.	1,143,825	248,419			66,279	1,325,965
341	Transportation Equip.	1,349,543	251,359			47,546	1,553,356
343	Tools, Shop & Garage Equip.	259,481	19,150				278,631
345	Power Operated Equip.	404,048	22,032			92,099	333,981
348	Other Tangible Plant	709,447	93,903				803,350
	Totals	\$ 35,070,090	\$ 4,368,388	\$ -	\$ 375,910	\$ -	\$ 39,062,568

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.

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	5,028,591
Total Plant Acquisition Adjustments.....	\$ 5,574,516
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	100,572
Total Accumulated Amortization.....	\$ 646,497
Net Acquisition Adjustments.....	\$ 4,928,019

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): Cash Guarantee	\$ _____	\$ 7,011
IRR Account		4,141,341
Debt Service Account		4,170,492
Debt Service Reserve Account		9,542,328
Total Utility Investments		\$ 17,861,172
Other Investments (Acct. 125): Boone County/Florence KY Settlement	\$ _____	\$ 3,763,085
Total Other Investments:	\$ _____	\$ 3,763,085
Special Funds (Acct. 126 & 127): _____ _____ _____ 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)	\$ 2,799,318
Other Accounts Receivable (Acct. 142)	
Assessments	\$ 42,829
Other	102,741
	145,570
Notes Receivable (Acct. 144)	\$
Total Accounts and Notes Receivable.....	\$ 2,944,888
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	\$ 2,944,888

Materials and Supplies (151 - 153)

Account Name	Total
Plant Materials and Supplies (Account 151)	\$ 1,096,311
Merchandise (Account 152)	
Other Materials and Supplies (Account 153)	
Total Materials & Supplies	\$ 1,096,311

Prepayments (Acct. 162)

Description	Total
Prepaid Insurance	\$ 620,339
Prepaid Rents	
Prepaid Interest	
Prepaid Taxes	
Other Prepayments (Specify)	
Water Tower Painting	2,238,491
Total Prepayments	\$ 2,858,830

Miscellaneous Deferred Debits (Acct. 186)

Description	Total
Miscellaneous Deferred Debits (Acct. 186):	
Deferred Rate Case Expense	\$ 311,810
Other Deferred Debits	2,889,965
Total Miscellaneous Deferred Debits	\$ 3,201,775

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	\$ 4,916	\$ 97,495
Bond Discount 1997	6,735	133,578
Bond Discount KC Bonds	32,825	296,959
Bond Issue Costs KC Bonds	19,697	137,209
Bond Discount 1998	7,570	196,189
Bond Issue Costs 1998	3,148	81,580
Cost of Issue 2001 BAN # 1	6,260	2,087
Discount 2001 BAN # 1	6,781	2,261
Cost of Issue 2001 BAN # 2	21,062	10,531
Cost of Issue 2001 Bond	3,700	88,183
Discount 2001 Bond	13,038	310,751
Cost of Issue 2002 A	12,587	330,688
Bond Discount 2002 A	24,942	655,284
Cost of Issue 2002 B	465	139,114
Total Unamortized Debt Discount & Expense	\$ 163,726	\$ 2,481,909
Unamortized Premium on Debt (Acct. 251):		
Premium on 2001 BAN # 1	\$ 3,500	\$ 1,750
Premium on 2002 B Bond	246	73,733
Total Unamortized Premium on Debt	\$ 3,746	\$ 75,483

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	TOTAL
Balance first of year.....	\$
Add credits during year.....	\$
Deduct charges during year.....	\$
Balance end of year.....	\$

Bond Issue: 36,090,000 , Dated March 1, 1992

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	1993	6.300%	780,000.00	780,000.00	
Registered	1994	6.300%	810,000.00	810,000.00	
Registered	1995	6.300%	855,000.00	855,000.00	
Registered	1996	6.300%	885,000.00	885,000.00	
Registered	1997	6.300%	915,000.00	915,000.00	
Registered	1998	6.300%	965,000.00	965,000.00	
Registered	1999	6.300%	1,010,000.00	1,010,000.00	
Registered	2000	6.300%	1,050,000.00	1,050,000.00	
Registered	2001	6.300%	1,100,000.00	1,100,000.00	
Registered	2002	6.300%	1,155,000.00	27,720,000.00	
Registered	2003	6.300%	1,210,000.00		
Registered	2004	6.375%	1,265,000.00	Refunded in 2002	Refunded in 2002
Registered	2005	6.375%	1,325,000.00		
Registered	2006	6.375%	1,385,000.00		
Registered	2007	6.375%	1,450,000.00		
Registered	2008	6.375%	1,520,000.00		
Registered	2009	6.375%	1,520,000.00		
Registered	2010	6.375%	1,615,000.00		
Registered	2011	6.375%	1,725,000.00		
Registered	2012	6.375%	1,840,000.00		
Registered	2013	6.375%	1,960,000.00		
Registered	2014	6.375%	2,095,000.00		
Registered	2015	6.375%	2,240,000.00		
Registered	2016	6.375%	2,390,000.00		
Registered	2017	6.375%	3,025,000.00		
TOTALS			36,090,000.00	36,090,000.00	0.00

Northern Kentucky Water Service District

Attachment 22-B

Bond Issue: 11,405,000 , Dated December 1, 1992

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	1994	3.50%	65,000.00	65,000.00	
Registered	1995	4.00%	80,000.00	80,000.00	
Registered	1996	4.20%	105,000.00	105,000.00	
Registered	1997	4.40%	140,000.00	140,000.00	
Registered	1998	4.60%	155,000.00	155,000.00	
Registered	1999	5.00%	180,000.00	180,000.00	
Registered	2000	5.10%	215,000.00	215,000.00	
Registered	2001	5.20%	245,000.00	245,000.00	
Registered	2002	5.40%	275,000.00	10,220,000.00	
Registered	2003	5.50%	310,000.00		
Registered	2004	5.60%	350,000.00	Refunded 2002	Refunded 2002
Registered	2005	5.80%	390,000.00		
Registered	2006	5.85%	440,000.00		
Registered	2007	6.00%	495,000.00		
Registered	2008	6.00%	550,000.00		
Registered	2009	6.00%	685,000.00		
Registered	2010	6.00%	730,000.00		
Registered	2011	6.00%	775,000.00		
Registered	2012	6.00%	820,000.00		
Registered	2013	6.00%	870,000.00		
Registered	2014	6.00%	920,000.00		
Registered	2015	6.00%	970,000.00		
Registered	2016	6.00%	1,025,000.00		
Registered	2017	6.00%	615,000.00		
TOTALS			11,405,000.00	11,405,000.00	0.00

Bond Issue: 2,150,000 , Dated April 1, 1993

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	1994	4.65%	50,000.00	50,000.00	
Registered	1995	4.65%	50,000.00	50,000.00	
Registered	1996	4.65%	50,000.00	50,000.00	
Registered	1997	4.65%	55,000.00	55,000.00	
Registered	1998	4.65%	60,000.00	60,000.00	
Registered	1999	4.65%	60,000.00	60,000.00	
Registered	2000	4.65%	65,000.00	65,000.00	
Registered	2001	4.65%	65,000.00	65,000.00	
Registered	2002	4.65%	70,000.00	70,000.00	
Registered	2003	4.75%	75,000.00		75,000.00
Registered	2004	4.95%	75,000.00		75,000.00
Registered	2005	5.00%	80,000.00		80,000.00
Registered	2006	5.10%	85,000.00		85,000.00
Registered	2007	5.20%	90,000.00		90,000.00
Registered	2008	5.35%	95,000.00		95,000.00
Registered	2009	5.50%	100,000.00		100,000.00
Registered	2010	5.50%	105,000.00		105,000.00
Registered	2011	5.50%	110,000.00		110,000.00
Registered	2012	5.50%	115,000.00		115,000.00
Registered	2013	5.50%	125,000.00		125,000.00
Registered	2014	5.50%	130,000.00		130,000.00
Registered	2015	5.50%	140,000.00		140,000.00
Registered	2016	5.50%	145,000.00		145,000.00
Registered	2017	5.50%	155,000.00		155,000.00
TOTALS			2,150,000.00	525,000.00	1,625,000.00

Northern Kentucky Water Service District

Attachment 22-D

Bond Issue: 7,315,000 , Dated March 1, 1995

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	1996	5.700%	145,000.00	145,000.00	
Registered	1997	5.700%	155,000.00	155,000.00	
Registered	1998	5.700%	165,000.00	165,000.00	
Registered	1999	5.700%	175,000.00	175,000.00	
Registered	2000	5.700%	185,000.00	185,000.00	
Registered	2001	5.700%	195,000.00	195,000.00	
Registered	2002	5.700%	205,000.00	205,000.00	
Registered	2003	5.700%	215,000.00		215,000.00
Registered	2004	5.700%	230,000.00		230,000.00
Registered	2005	5.700%	245,000.00		245,000.00
Registered	2006	5.700%	255,000.00		255,000.00
Registered	2007	5.700%	275,000.00		275,000.00
Registered	2008	5.750%	290,000.00		290,000.00
Registered	2009	5.750%	305,000.00		305,000.00
Registered	2010	5.750%	325,000.00		325,000.00
Registered	2011	5.750%	345,000.00		345,000.00
Registered	2012	5.800%	365,000.00		365,000.00
Registered	2013	5.800%	385,000.00		385,000.00
Registered	2014	5.800%	410,000.00		410,000.00
Registered	2015	5.800%	435,000.00		435,000.00
Registered	2016	5.875%	460,000.00		460,000.00
Registered	2017	5.875%	485,000.00		485,000.00
Registered	2018	5.875%	515,000.00		515,000.00
Registered	2019	5.875%	550,000.00		550,000.00
TOTALS			7,315,000.00	1,225,000.00	6,090,000.00

Bond Issue: 16,885,000 , Dated August 1, 1995

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	1996	5.500%	190,000.00	190,000.00	
Registered	1997	5.600%	340,000.00	340,000.00	
Registered	1998	5.600%	360,000.00	360,000.00	
Registered	1999	5.600%	380,000.00	380,000.00	
Registered	2000	5.600%	400,000.00	400,000.00	
Registered	2001	5.600%	425,000.00	425,000.00	
Registered	2002	5.600%	450,000.00	450,000.00	
Registered	2003	5.600%	475,000.00		475,000.00
Registered	2004	5.600%	500,000.00		500,000.00
Registered	2005	5.600%	530,000.00		530,000.00
Registered	2006	5.600%	560,000.00		560,000.00
Registered	2007	5.600%	595,000.00		595,000.00
Registered	2008	5.600%	625,000.00		625,000.00
Registered	2009	5.600%	665,000.00		665,000.00
Registered	2010	5.600%	700,000.00		700,000.00
Registered	2011	5.600%	740,000.00		740,000.00
Registered	2012	5.600%	785,000.00		785,000.00
Registered	2013	5.600%	830,000.00		830,000.00
Registered	2014	5.625%	880,000.00		880,000.00
Registered	2015	5.625%	930,000.00		930,000.00
Registered	2016	5.625%	985,000.00		985,000.00
Registered	2017	5.700%	1,040,000.00		1,040,000.00
Registered	2018	5.700%	1,100,000.00		1,100,000.00
Registered	2019	5.700%	1,165,000.00		1,165,000.00
Registered	2020	5.700%	1,235,000.00		1,235,000.00
TOTALS			16,885,000.00	2,545,000.00	14,340,000.00

Northern Kentucky Water Service District

Attachment 22-F

Bond Issue: 1,621,000 , Dated August 29, 1995

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	1996	5.500%			
Registered	1997	5.500%			
Registered	1998	5.500%	13,000.00	13,000.00	
Registered	1999	5.500%	14,000.00	14,000.00	
Registered	2000	5.500%	15,000.00	15,000.00	
Registered	2001	5.500%	16,000.00	16,000.00	
Registered	2002	5.500%	16,000.00	16,000.00	
Registered	2003	5.500%	18,000.00		18,000.00
Registered	2004	5.500%	18,000.00		18,000.00
Registered	2005	5.500%	20,000.00		20,000.00
Registered	2006	5.500%	20,000.00		20,000.00
Registered	2007	5.500%	22,000.00		22,000.00
Registered	2008	5.500%	23,000.00		23,000.00
Registered	2009	5.500%	24,000.00		24,000.00
Registered	2010	5.500%	26,000.00		26,000.00
Registered	2011	5.500%	27,000.00		27,000.00
Registered	2012	5.500%	28,000.00		28,000.00
Registered	2013	5.500%	30,000.00		30,000.00
Registered	2014	5.500%	32,000.00		32,000.00
Registered	2015	5.500%	33,000.00		33,000.00
Registered	2016	5.500%	35,000.00		35,000.00
Registered	2017	5.500%	37,000.00		37,000.00
Registered	2018	5.500%	39,000.00		39,000.00
Registered	2019	5.500%	41,000.00		41,000.00
Registered	2020	5.500%	44,000.00		44,000.00
Registered	2021	5.500%	46,000.00		46,000.00
Registered	2022	5.500%	48,000.00		48,000.00
Registered	2023	5.500%	51,000.00		51,000.00
Registered	2024	5.500%	54,000.00		54,000.00
Registered	2025	5.500%	57,000.00		57,000.00
Registered	2026	5.500%	60,000.00		60,000.00
Registered	2027	5.500%	63,000.00		63,000.00
Registered	2028	5.500%	67,000.00		67,000.00
Registered	2029	5.500%	70,000.00		70,000.00
Registered	2030	5.500%	75,000.00		75,000.00
Registered	2031	5.500%	78,000.00		78,000.00
Registered	2032	5.500%	83,000.00		83,000.00
Registered	2033	5.500%	87,000.00		87,000.00
Registered	2034	5.500%	92,000.00		92,000.00
Registered	2035	5.500%	99,000.00		99,000.00
TOTALS			1,621,000.00	74,000.00	1,547,000.00

Bond Issue: 11,225,000 , Dated September 1, 1997

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	1998	4.700%	210,000.00	210,000.00	
Registered	1999	4.700%	580,000.00	580,000.00	
Registered	2000	4.700%	610,000.00	610,000.00	
Registered	2001	4.700%	640,000.00	640,000.00	
Registered	2002	4.700%	670,000.00	670,000.00	
Registered	2003	4.700%	700,000.00		700,000.00
Registered	2004	4.700%	735,000.00		735,000.00
Registered	2005	4.700%	770,000.00		770,000.00
Registered	2006	4.700%	810,000.00		810,000.00
Registered	2007	4.700%	850,000.00		850,000.00
Registered	2008	4.750%	890,000.00		890,000.00
Registered	2009	4.750%	930,000.00		930,000.00
Registered	2010	4.750%	975,000.00		975,000.00
Registered	2011	4.750%	1,025,000.00		1,025,000.00
Registered	2012	4.750%	60,000.00		60,000.00
Registered	2013	4.750%	60,000.00		60,000.00
Registered	2014	4.750%	65,000.00		65,000.00
Registered	2015	4.750%	70,000.00		70,000.00
Registered	2016	4.750%	70,000.00		70,000.00
Registered	2017	4.750%	75,000.00		75,000.00
Registered	2018	4.750%	80,000.00		80,000.00
Registered	2019	4.750%	80,000.00		80,000.00
Registered	2020	4.750%	85,000.00		85,000.00
Registered	2021	4.750%	90,000.00		90,000.00
Registered	2022	4.750%	95,000.00		95,000.00
TOTALS			11,225,000.00	2,710,000.00	8,515,000.00

Northern Kentucky Water Service District

Attachment 22-H

Bond Issue: 11,355,000 , Dated December 1, 1998

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	02/01/1999	4.700%	250,000.00	250,000.00	
Registered	02/01/2000	4.700%	200,000.00	200,000.00	
Registered	02/01/2001	4.700%	200,000.00	200,000.00	
Registered	02/01/2002	4.700%	210,000.00	210,000.00	
Registered	02/01/2003	4.700%	220,000.00		220,000.00
Registered	02/01/2004	4.700%	230,000.00		230,000.00
Registered	02/01/2005	4.700%	240,000.00		240,000.00
Registered	02/01/2006	4.700%	255,000.00		255,000.00
Registered	02/01/2007	4.700%	265,000.00		265,000.00
Registered	02/01/2008	4.750%	280,000.00		280,000.00
Registered	02/01/2009	4.750%	280,000.00		280,000.00
Registered	02/01/2010	4.750%	295,000.00		295,000.00
Registered	02/01/2011	4.750%	310,000.00		310,000.00
Registered	02/01/2012	4.750%	325,000.00		325,000.00
Registered	02/01/2013	4.800%	340,000.00		340,000.00
Registered	02/01/2014	4.850%	360,000.00		360,000.00
Registered	02/01/2015	4.875%	375,000.00		375,000.00
Registered	02/01/2016	4.875%	395,000.00		395,000.00
Registered	02/01/2017	4.875%	415,000.00		415,000.00
Registered	02/01/2018	4.875%	435,000.00		435,000.00
Registered	02/01/2019	4.875%	455,000.00		455,000.00
Registered	02/01/2020	4.875%	480,000.00		480,000.00
Registered	02/01/2021	4.875%	505,000.00		505,000.00
Registered	02/01/2022	4.875%	530,000.00		530,000.00
Registered	02/01/2023	4.875%	555,000.00		555,000.00
Registered	02/01/2024	4.875%	585,000.00		585,000.00
Registered	02/01/2025	4.875%	610,000.00		610,000.00
Registered	02/01/2026	4.875%	645,000.00		645,000.00
Registered	02/01/2027	4.875%	675,000.00		675,000.00
Registered	02/01/2028	4.875%	435,000.00		435,000.00
TOTALS			11,355,000.00	860,000.00	10,495,000.00

Northern Kentucky Water Service District

Attachment 22-1

FhMA Load 2,287,000

2000

Year	Interest Cost	Interest Paid	Principle Amount	Principle Paid	Outstanding
2000		114,350.00	0.00	0.00	0.00
2001	114,350.00		0.00	0.00	0.00
2002	114,350.00		21,000.00	21,000.00	
2003	113,300.00		22,000.00		22,000.00
2004	112,200.00		24,000.00		24,000.00
2005	111,000.00		24,000.00		24,000.00
2006	109,800.00		26,000.00		26,000.00
2007	108,500.00		27,000.00		27,000.00
2008	107,150.00		28,000.00		28,000.00
2009	105,750.00		30,000.00		30,000.00
2010	104,250.00		31,000.00		31,000.00
2011	102,700.00		33,000.00		33,000.00
2012	101,050.00		34,000.00		34,000.00
2013	99,350.00		36,000.00		36,000.00
2014	97,550.00		38,000.00		38,000.00
2015	95,650.00		40,000.00		40,000.00
2016	93,650.00		42,000.00		42,000.00
2017	91,550.00		44,000.00		44,000.00
2018	89,350.00		46,000.00		46,000.00
2019	87,050.00		49,000.00		49,000.00
2020	84,600.00		51,000.00		51,000.00
2021	82,050.00		54,000.00		54,000.00
2022	79,350.00		56,000.00		56,000.00
2023	76,550.00		59,000.00		59,000.00
2024	73,600.00		62,000.00		62,000.00
2025	70,500.00		65,000.00		65,000.00
2026	67,250.00		68,000.00		68,000.00
2027	63,850.00		72,000.00		72,000.00
2028	60,250.00		75,000.00		75,000.00
2029	56,500.00		79,000.00		79,000.00
2030	52,550.00		83,000.00		83,000.00
2031	48,400.00		87,000.00		87,000.00
2032	44,050.00		92,000.00		92,000.00
2033	39,450.00		96,000.00		96,000.00
2034	34,650.00		102,000.00		102,000.00
2035	29,550.00		107,000.00		107,000.00
2036	24,200.00		112,000.00		112,000.00
2037	18,600.00		118,000.00		118,000.00
2038	12,700.00		124,000.00		124,000.00
2039	6,500.00		130,000.00		130,000.00
TOTALS	2,983,700.00	114,350.00	2,287,000.00	21,000.00	2,266,000.00

Northern Kentucky Water Service District

Attachment 22-J

Bond Issue \$16,325,000.00 Dated 10-23-2001

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	2/1/2002	2.700%	285,000.00	285,000.00	
Registered	2/1/2003	3.000%	235,000.00		235,000.00
Registered	2/1/2004	3.250%	240,000.00		240,000.00
Registered	2/1/2005	3.450%	230,000.00		230,000.00
Registered	2/1/2006	3.600%	215,000.00		215,000.00
Registered	2/1/2007	3.750%	195,000.00		195,000.00
Registered	2/1/2008	3.900%	170,000.00		170,000.00
Registered	2/1/2009	4.000%	155,000.00		155,000.00
Registered	2/1/2010	4.100%	75,000.00		75,000.00
Registered	2/1/2011	4.200%	80,000.00		80,000.00
Registered	2/1/2012	4.350%	80,000.00		80,000.00
Registered	2/1/2013	4.450%	735,000.00		735,000.00
Registered	2/1/2014	4.550%	770,000.00		770,000.00
Registered	2/1/2015	4.670%	810,000.00		810,000.00
Registered	2/1/2016	4.750%	845,000.00		845,000.00
Registered	2/1/2017	4.820%	890,000.00		890,000.00
Registered	2/1/2018	4.850%	930,000.00		930,000.00
Registered	2/1/2019	4.900%	980,000.00		980,000.00
Registered	2/1/2020	4.950%	1,030,000.00		1,030,000.00
Registered	2/1/2021	5.000%	1,080,000.00		1,080,000.00
Registered	2/1/2022	5.000%	1,135,000.00		1,135,000.00
Registered	2/1/2023	5.000%	1,195,000.00		1,195,000.00
Registered	2/1/2024	5.100%	1,255,000.00		1,255,000.00
Registered	2/1/2025	5.100%	1,320,000.00		1,320,000.00
Registered	2/1/2026	5.100%	1,390,000.00		1,390,000.00
TOTALS			16,325,000.00	285,000.00	16,040,000.00

Northern Kentucky Water Service District

Attachment 22-K

Bond Issue \$45,485,000.00 Dated 2/1/2002

Bond Number	Maturity Date	Interest Rate	Interest Expense 1-Feb	Interest Expense 1-Aug	Principle Amount 1-Feb	Principle Amounts Paid	Outstanding
Registered	2/1/2002						45,485,000.00
Registered	8/1/2002	4.50%		1,107,957.50			45,485,000.00
Registered	2/1/2003	4.50%	1,107,957.50	1,100,082.50	350,000.00		45,485,000.00
Registered	2/1/2004	4.50%	1,100,082.50	1,092,320.00	345,000.00		45,485,000.00
Registered	2/1/2005	4.50%	1,092,320.00	1,084,220.00	360,000.00		45,485,000.00
Registered	2/1/2006	4.50%	1,084,220.00	1,075,895.00	370,000.00		45,485,000.00
Registered	2/1/2007	4.50%	1,075,895.00	1,067,345.00	380,000.00		45,485,000.00
Registered	2/1/2008	4.50%	1,067,345.00	1,058,120.00	410,000.00		45,485,000.00
Registered	2/1/2009	4.50%	1,058,120.00	1,049,907.50	365,000.00		45,485,000.00
Registered	2/1/2010	4.50%	1,049,907.50	1,039,445.00	465,000.00		45,485,000.00
Registered	2/1/2111	4.50%	1,039,445.00	1,028,532.50	485,000.00		45,485,000.00
Registered	2/1/2012	4.50%	1,028,532.50	994,107.50	1,530,000.00		45,485,000.00
Registered	2/1/2013	4.50%	994,107.50	972,732.50	950,000.00		45,485,000.00
Registered	2/1/2114	4.50%	972,732.50	950,457.50	990,000.00		45,485,000.00
Registered	2/1/2115	4.65%	950,457.50	926,393.75	1,035,000.00		45,485,000.00
Registered	2/1/2116	4.75%	926,393.75	900,268.75	1,100,000.00		45,485,000.00
Registered	2/1/2117	4.75%	900,268.75	861,675.00	1,625,000.00		45,485,000.00
Registered	2/1/2118	4.75%	861,675.00	801,825.00	2,520,000.00		45,485,000.00
Registered	2/1/2119	4.75%	801,825.00	739,125.00	2,640,000.00		45,485,000.00
Registered	2/1/2020	5.00%	739,125.00	662,125.00	3,080,000.00		45,485,000.00
Registered	2/1/2021	5.00%	662,125.00	581,125.00	3,240,000.00		45,485,000.00
Registered	2/1/2022	5.00%	581,125.00	496,000.00	3,405,000.00		45,485,000.00
Registered	2/1/2023	5.00%	496,000.00	406,500.00	3,580,000.00		45,485,000.00
Registered	2/1/2024	5.00%	406,500.00	312,375.00	3,765,000.00		45,485,000.00
Registered	2/1/2025	5.00%	312,375.00	213,375.00	3,960,000.00		45,485,000.00
Registered	2/1/2026	5.00%	213,375.00	109,375.00	4,160,000.00		45,485,000.00
Registered	2/1/2027	5.00%	109,375.00		4,375,000.00		45,485,000.00
TOTALS			20,631,285.00	20,631,285.00	45,485,000.00	0.00	

Northern Kentucky Water Service District							Attachment 22-L
Bond Issue \$10,575,000.00 Dated 12/5/2002							
Bond Number	Maturity Date	Interest Rate	Interest Expense 1-Feb	Interest Expense 1-Aug	Principle Amount 1-Feb	Principle Amounts Paid	Outstanding
Registered	12/5/2002						10,575,000.00
Registered	2/1/2003	3.00%	83,126.32	188,853.13	535,000.00		10,575,000.00
Registered	2/1/2004	3.00%	188,853.13	182,028.13	455,000.00		10,575,000.00
Registered	2/1/2005	3.00%	182,028.13	174,678.13	490,000.00		10,575,000.00
Registered	2/1/2006	3.00%	174,678.13	166,728.13	530,000.00		10,575,000.00
Registered	2/1/2007	3.50%	166,728.13	156,578.13	580,000.00		10,575,000.00
Registered	2/1/2008	3.50%	156,578.13	145,640.63	625,000.00		10,575,000.00
Registered	2/1/2009	3.50%	145,640.63	132,603.13	745,000.00		10,575,000.00
Registered	2/1/2010	3.75%	132,603.13	118,071.88	775,000.00		10,575,000.00
Registered	2/1/2111	4.00%	118,071.88	101,971.88	805,000.00		10,575,000.00
Registered	2/1/2012	4.00%	101,971.88	85,271.88	835,000.00		10,575,000.00
Registered	2/1/2013	4.00%	85,271.88	67,871.88	870,000.00		10,575,000.00
Registered	2/1/2114	4.00%	67,871.88	49,871.88	900,000.00		10,575,000.00
Registered	2/1/2115	4.00%	49,871.88	31,271.88	930,000.00		10,575,000.00
Registered	2/1/2116	4.00%	31,271.88	11,368.75	965,000.00		10,575,000.00
Registered	2/1/2117	4.00%	11,368.75		535,000.00		10,575,000.00
TOTALS			1,695,935.76	1,612,809.44	10,575,000.00	0.00	

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	36,090,000	35,368,361		-	147,115	882,688
2	11,405,000	11,176,084		-	345,304	597,057
3	2,150,000	2,119,717		1,625,000	87,519	88,875
4	7,315,000	7,203,607		6,090,000	353,849	358,718
5	16,885,000	16,605,392		14,340,000	810,379	820,879
6	1,621,000	1,621,000		1,547,000	85,158	85,525
7	11,225,000	11,131,694		8,515,000	405,154	418,275
8	11,355,000	11,141,619		10,495,000	508,742	512,899
9	2,287,000	2,287,000		2,266,000	113,650	113,825
10	16,325,000	15,835,250		16,040,000	733,367	631,450
11	48,485,000	44,121,624		45,485,000	2,031,255	1,107,957
12	10,575,000	10,525,204		10,575,000	69,272	-
13						
14						
Total	175,718,000	169,136,552		116,978,000	5,690,764	5,618,148

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 22-A Through 22-L					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Notes Payable (Acct. 232 & 234)

a	Nominal Date of Issue b	Date of Maturity c	INTEREST		Principal Amount per Balance Sheet f
			Rate d	Amount of payment e	
Account 232 - Note Payable					
Campbell Co. Fiscal Court				\$	\$ 100,000
2001 BAN # 1	2/01	4.50%			2,740,000
2001 BAN # 2	6/01	4.25%			14,165,000
Total Account 232				\$	\$ 17,005,000
Account 234 - Notes Payable To Associated Companies		N/A		\$	\$
Total 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)	DESCRIPTION (b)	TOTAL ©
	Balance first of year.....	\$ -
	Accruals Charged:	
408.1	Utility regulatory assessment fees.....	
408.11	Property taxes.....	
408.12	Payroll taxes.....	429,386
408.13	Other taxes and licenses.....	
408.2	Taxes other than income, other income and deductions	
	Total taxes accrued.....	\$ 429,386
	Taxes paid during year:	
408.1	Utility regulatory assessment fees.....	
408.11	Property taxes.....	
408.12	Payroll taxes.....	429,386
408.13	Other taxes and licenses.....	
408.2	Taxes other than income, other income and deductions	
	Total taxes paid.....	\$ 429,386
	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 - Accrued Interest on Long-term Debt				
Series 1992 A	\$ 735,574	\$ 147,114	\$ 882,688	\$ -
Series 1992 B	251,753	345,304	597,057	-
Series 1993	37,709	87,519	88,875	36,353
Series 1995 A	151,900	353,849	358,718	147,031
Series 1995 B	347,282	810,379	820,879	336,782
Series 1995 C	35,819	85,158	85,525	35,452
Series 1997	180,842	405,154	418,275	167,721
Series 1998	215,786	508,743	512,899	211,630
2000 RUS Loan	19,058	113,650	113,825	18,883
Series 2001	212,146	733,367	631,450	314,063
Series 2002 A	-	2,031,255	1,107,957	923,298
Series 2002 B	-	69,272	-	69,272
Total Acct No. 237.1	\$ 2,187,869	\$ 5,690,764	\$ 5,618,148	\$ 2,260,485
Acct. No. 237.2 - Accrued Interest on Other Liabilities:				
2001 BAN # 1	51,375	123,300	123,300	51,375
2001 BAN # 2	308,173	603,207	660,542	250,838
Total Acct No. 237.2	\$ 359,548	\$ 726,507	\$ 783,842	\$ 302,213
Total Acct No 237	\$ 2,547,417	\$ 6,417,271	\$ 6,401,990	\$ 2,562,698

Note: Less Interest Paid by Surcharges \$ 571,675
 Less Interest Capitalized 252,681

Total Column C \$ 5,592,915

Miscellaneous Current & Accrued Liabilities (Account 242)

Description (a)	Balance End of Year (b)
Accrued Payroll Taxes	\$ 2,453
Accrued Payroll	47,084
Accrued Sales Taxes	158,461
Accrued Pension	60,298
Accrued Vacation/Sick	667,499
Subdistrict Surcharges Payble	509,341
Total Miscellaneous Current & Accrued Liabilities.....	\$ 1,445,136

Regulatory Commission Expense (Accounts 666 and 667)

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 2002-0105 (Case still pending as of 12/31/02)	\$ 311,810	\$ 311,810		\$ -

WATER OPERATING REVENUE

Acct. No Acct.	b	Beginning Year No. Customers c	Year End No. Customers d	Amounts e
	Operating Revenues:			
460	Unmetered Water Revenue			
461	Metered Water Revenue			
461.1	Sales to Residential Customers	57,852	63,645	\$ 12,602,285
461.2	Sales to Commercial Customers	3,861	4,798	4,222,092
461.3	Sale to Industrial Customers	106	108	1,569,018
461.4	Sales to Public Authorities	379	432	1,168,682
461.5	Sales to Multiple Family Dwellings	1,087	1,291	1,553,249
461.6	Sales through Bulk Loading Stations	1	1	5,564
	Total Metered Sales	63,286	70,275	21,120,890
462	Fire Protection Revenue:			
462.1	Public Fire Protection			
462.2	Private Fire Protection	367	380	55,009
	Total Fire Protection Revenue	367	380	55,009
464	Other Sales to Public Authorities			
465	Sales to Irrigation Customers			
466	Sales for Resale	7	7	5,856,096
467	Miscellaneous Sales	1	2	16,952
	Total Sales of Water	63,661	70,664	27,048,947
	Other Water Revenues:			
470	Forfeited Discounts			\$ 371,144
471	Miscellaneous Service Revenues			
472	Rents from Water Property			351,320
473	Interdepartmental Rents			
474	Other Water Revenues			259,836
475	Provision for Rate Refunds			
	Total Other Water Revenues:			982,300
	Total Water Operating Revenues			\$ 28,031,247

Water Utility Expense Accounts

Acct. No. a	Account Name b	Current Year c	Water Expense Account Matrix									
			0.1 Source of Supply & Expenses Operation d	0.2 Source of Supply & Expenses Maint. e	0.3 Water Treatment Expenses/ Operation f	0.4 Water Treatment Expenses/ Maint. g	0.5 Trans. & Distribut Expenses Operation h	0.6 Trans. & Dist. Expenses Maint. i	0.7 Customer Accounts Expense j	0.8 Administrative Expenses k		
601	Salaries and Wages - Employees	\$ 5,361,408	-	33,694	1,088,310	313,584	583,990	1,554,127	1,215,918	571,785	-	-
603	Salaries and Wages - Officers, Directors & Majority Stockholders	527,326	-	-	83,997	-	86,299	-	79,886	277,144	-	-
604	Employee Pensions and Benefits	1,463,044	-	-	308,918	51,432	257,423	292,344	307,407	245,520	-	-
610	Purchased Water	367,290	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	-	-
615	Purchased Power	2,232,758	706,448	xxx	174,555	xxx	1,351,755	xxx	-	-	-	-
616	Fuel for Power Production	-	-	-	-	-	-	-	-	-	-	-
618	Chemicals	948,537	17,674	-	923,084	-	1,427	6,352	xxx	xxx	-	-
620	Materials & Supplies	1,324,402	3,120	3,462	114,897	184,367	79,456	623,602	176,634	138,864	-	-
631	Contractual Services - Eng.	119,102	-	-	37,349	-	76,807	2,279	-	2,667	-	-
632	Contractual Services - Acct.	19,400	-	-	-	-	-	-	-	19,400	-	-
633	Contractual Services - Legal	150,137	-	-	-	-	-	-	-	150,137	-	-
634	Contractual Services - Management Fees	-	-	-	-	-	-	-	-	-	-	-
635	Contractual Services - Other	3,215,157	2,116	38,856	559,164	124,570	253,672	1,361,121	338,197	537,461	-	-
641	Rental of Bldg./Real Property	8,692	-	-	-	3,264	-	-	-	5,428	-	-
642	Rental of Equipment	220,915	-	-	17,780	4,655	18,440	118,549	58,296	3,195	-	-
650	Transportation Expenses	50,464	-	-	16,929	-	22,822	-	8,850	1,863	-	-
656	Insurance - Vehicle	176,813	-	-	42,514	-	100,724	-	20,145	13,430	-	-
657	Insurance - General Liability	183,437	-	-	58,927	-	43,227	-	28,035	53,148	-	-
658	Insurance - Worker's Comp	32,998	-	-	10,934	-	xxx	xxx	xxx	22,064	-	-
659	Insurance - Other	1,016	xxx	xxx	xxx	xxx	xxx	xxx	xxx	1,016	-	-
660	Advertising Expense	-	-	-	-	-	-	-	-	-	-	-
666	Regulatory Commission Exp/Amortization of Rate Case Exp.	47,216	xxx	xxx	xxx	xxx	xxx	xxx	xxx	47,216	-	-
667	Regulatory Commission Exp/Other	216,271	xxx	xxx	xxx	xxx	xxx	xxx	216,271	xxx	-	-
670	Bad Debt Expense	85,183	-	-	7,676	-	4,711	10,347	12,055	50,394	-	-
675	Miscellaneous Expenses	-	-	-	-	-	-	-	-	-	-	-
	Total Water Utility Expenses	\$ 16,751,566	1,096,648	76,012	3,445,034	681,872	2,880,853	3,968,721	2,461,694	2,140,732	-	-

Pumping and Purchased Water Statistics

a	Water Purchased for Resale (Omit 000's) b	Water Pumped From Wells (Omit 000's) c	Total Water Pumped and Purchased (Omit 000's) d	Water Sold to Customers (Omit 000's) e
January	63,350.0		978,915.0	1,081,756.6
February	56,479.0		849,874.0	780,916.8
March	61,990.0		939,257.0	934,024.5
April	61,120.0		938,716.0	722,706.7
May	63,011.0		1,009,314.0	659,559.4
June	29,830.0		1,229,043.9	1,008,023.7
July	-		1,574,172.0	934,335.5
August	-		1,564,526.0	1,130,888.3
September	-		1,374,832.0	1,574,176.7
October	-		1,106,066.0	1,036,781.9
November	-		1,001,273.0	941,693.1
December	-		1,056,039.0	1,311,642.5
Total for year	335,780.0		13,622,027.9	12,116,505.7
Maximum gallons pumped by all methods in any one day: Date: 8/2/2002				57,300.0
Minimum gallons pumped by all methods in any one day (Omit 000's): Date: 1/20/2002				25,083.0
If water is purchased for resale, indicate the folloinwg:				
Vendor:	City of Newport			
Point of delivery:	Plant Site - Water Works Road, Ft. Thomas, Kentucky			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
Boone County Water District				
City of Florence		City of Walton		
City of Bromley		City of Taylor Mill		
Pendleton County Water District				
NOTE: Purchased the City of Newport Water System on June 13, 2002.				

Sales for Resale (466)

Line	Company	Gallons(000's)	Avg. Rate (Cents)	Amount
1	Boone County Water District	2,059,787	1.44	\$3,045,636
2	Florence Water District	1,144,499	1.44	\$1,664,830
3	City of Bromley	14,772	1.44	\$55,405
4	Taylor Mill Water	394,443	1.44	\$581,317
5	City of Walton	168,465	1.44	\$243,662
6	Pendleton County Water Dist.	92,366	1.92 & 1.44	\$157,635
7	Bullock Pen	91,683.00	1.92 & 1.44	\$137,611
8				
Total		3,966,015		\$5,886,096

WATER STATISTICS

Line	Item	Gallons (000's)
1	WATER PRODUCED, PURCHASED, & DISTRIBUTED	
2	Water Produced	13,286,248
3	Water Purchased	335,780
4	TOTAL PRODUCED AND PURCHASED	13,622,028
5		
6	WATER SALES:	
7	Residential	4,180,413.8
8	Commercial	1,901,600.0
9	Industrial	744,664.3
10	Irrigation	-
11	Resale	3,966,015.0
12	Other Sales	1,323,813
13	TOTAL WATER SALES	12,116,505.7
14		
15	OTHER WATER USED (estimate portions not metered)	
16	Utility/water treatment plant	261,249.0
17	Wastewater plant	-
18	System flushing	156,388.5
19	Water main breaks/leaks	67,892.3
20	Storage tank overflow	0.0
21	Fire Department	5,645.3
22	Other (construction, flushing, disinfection, ect.)	1,925.9
23	TOTAL OTHER WATER USED	493,101.0
24		
25	UNACCOUNTED-FOR WATER LOSS:	
26	Line 4 - (Line 13 + Line 23)	1,012,421.2
27		
28	UNACCOUNTED-FOR WATER LOSS PERCENTAGE	
29	Line 26 divided by Line 4	7.43%

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 reservoirs 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 KW
- 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 5,639 & Campbell County 2,455.

2) 400.

3) Rivers: Ohio River and the Licking River.

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

5) See attached 31 A.

6) See attached 31 B.

7) Fort Thomas Treatment Plant
12 - Gravity, each 560 sq. ft.

Taylor Mill Treatment Plant
8 - Gravity, each 560 sq. ft. @ 5 gallons per sq. ft. per minute

8) See attached 31 C

Water Storage Facilities
Northern Kentucky Water District
Updated: 3/25/2003

Storage Location	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	Cold Spring	Hydropillar					1017				2,000,000
Barrington Road	Ft. Wright	Hydropillar	1969	141	916.5	1057.5	1046.7	1045.0	1040.0	74	1,000,000
Bromley	Bromley	Ground Storage	1966	103	670.0	773.0	764.0	763.0	750.0	75	3,000,000
Dayton Avenue	Dayton	Ground Storage					829.0				500,000
Devon	Florence	Hydropillar	1991		939.5		1082.0		1042.0	100	2,000,000
Dudley Pike	Edgewood	Ground Storage	1964	59	831.0	889.5	876.0	874.0	866.0	140	5,000,000
Dudley Pike	Edgewood	Ground Storage	1990	59	831.0	889.5	876.0	874.0	866.0	140	5,000,000
Ft. Thomas Plant	Ft. Thomas	Clearwell	1936	31	734.0	765.3	764.5	762.0	760.0		3,000,000
Ft. Thomas Plant	Ft. Thomas	Clearwell	1990	35	730.0	778.5	764.5	763.5	757.5	130	3,500,000
Harrison Ave.	Bellevue	Ground Storage					829.0				600,000
Ida Spence	Covington	Elevated Tank	1952	175	840.0	1015.0	1005.0	1003.0	1000.0	57	500,000
Independence	Independence	Hydropillar	1981	137	943.5		1080.0		1039.5	74	1,000,000
Industrial Park	Florence	Hydropillar	1961	146	945.5	1091.5	1083.5	1081.0	1062.0	50	500,000
John's Hill Road	Highland Hts.	Elevated Tank					1017.0				500,000
Kenton Lands Rd.	Erlanger	Elevated Tank	1953	158	896.0	1054.0	1045.0	1043.0	1033.0	50	500,000
Lumley Tank	Fort Thomas	Elevated Tank					1017.0				275,000
Main St. Tank	Alexandria	Elevated Tank					1017.0				300,000
Memorial Pkwy. Plant	Fort Thomas	Clearwell					741.0				3,000,000
Old St. 4 Tank	Clayville	Elevated Tank					1017.0				1,000,000
Rossford Tank	Fort Thomas	Elevated Tank					1017.0				300,000
South Newport Tank	Newport	Elevated Tank					965.0				1,000,000
Taylor Mill Plant	Taylor Mill	Clearwell		15	509.5	524.5	522.0	520.0	518.0		1,000,000
							Total storage owned by NKWSD:				35,475,000

NORTHERN KY. WATER SERVICE DISTRICT
MILES OF MAIN ANALYSIS

Attachment 31B

Size	Type	Prior Years	2001		2001 Miles	2001 Percent	2002		2002 Miles	2002 Percent
			Additions	Retirements			Additions	Retirements		
			2001 YTD TOTAL				2002 YTD TOTALS			
2"	Cast Iron					0.000%	45.00		0.009	0.001%
3"	Cast Iron					0.000%			0.000	0.000%
4"	Cast Iron	298,478.10	3,065.00	3,637.00	57.11	6.192%	99,356.58	230.00	75.888	7.576%
6"	Cast Iron	1,785,342.20	1,250.00	1,330.00	333.69	36.201%	105,292.18	8,686.00	352.190	35.159%
8"	Cast Iron	846,046.60	19,524.00	1,330.00	163.68	17.747%	70,402.33	5,600.00	175.955	17.565%
10"	Cast Iron	70,744.10			13.40	1.453%	19,050.00		17.006	1.698%
12"	Cast Iron	498,368.50	24,560.00	7,150.00	97.69	10.592%	50,713.62		107.297	10.711%
16"	Cast Iron	270,085.80	4,016.00		51.91	5.629%	5,459.00		52.949	5.286%
18"	Cast Iron	3,345.00			0.63	0.069%			0.634	0.063%
20"	Cast Iron	90,273.00	5,501.00		18.14	1.967%	32,214.79		24.240	2.420%
24"	Cast Iron	52,004.00	26,886.00		14.94	1.620%	6,787.00		16.227	1.620%
30"	Cast Iron	28,563.00			5.41	0.587%			5.410	0.540%
36"	Cast Iron	22,100.00			4.19	0.454%	394.21		4.249	0.424%
42"	Cast Iron	4,315.00			0.82	0.089%	13,530.00		3.380	0.337%
						0.000%				0.000%
20"	Concrete	6,050.00			1.15	0.124%			1.145	0.114%
24"	Concrete	21,530.00			4.08	0.442%			4.077	0.407%
36"	Concrete	35,000.00			6.63	0.719%			6.629	0.662%
						0.000%				0.000%
2"	Galvanized				0.07	0.008%			0.071	0.007%
						0.000%				0.000%
4"	Transite	50,335.00			9.53	1.034%			9.533	0.952%
6"	Transite	96,598.00			18.30	1.984%			18.295	1.826%
						0.000%				0.000%
1 1/2"	Steel	226.00			0.04	0.005%			0.043	0.004%
2"	Steel	677.00			0.19	0.014%			0.128	0.013%
4"	Steel	83.00			0.02	0.002%			0.016	0.002%
6"	Steel	11.00			0.00	0.000%			0.002	0.000%
8"	Steel	31.00			0.01	0.001%			0.006	0.001%
10"	Steel	15.00			0.00	0.000%			0.003	0.000%
12"	Steel	1,681.00			0.32	0.035%			0.318	0.032%
16"	Steel	582.00			0.11	0.012%			0.110	0.011%
24"	Steel	5,272.00			0.99	0.107%			0.998	0.100%
						0.000%				0.000%

NORTHERN KY. WATER SERVICE DISTRICT
MILES OF MAIN ANALYSIS

Attachment 31B

Size	Type	Prior Years	2001 Additions	2001 Retirements	2001 YTD TOTAL	2001 Miles	2001 Percent	2002 Additions	2002 Retirements	2002 YTD TOTALS	2002 Miles	2002 Percent
3/4"	Copper	52.00	-	-	52.00	0.01	0.001%	-	-	52.00	0.010	0.001%
1"	Copper	3,787.00	-	-	3,787.00	0.72	0.078%	-	-	3,787.00	0.717	0.072%
1 1/2"	Copper	4,150.00	-	-	4,150.00	0.79	0.085%	-	-	4,150.00	0.788	0.078%
2"	Copper	11,914.30	-	-	11,914.30	2.26	0.245%	734.00	-	12,648.30	2.396	0.239%
1"	Plastic	2,973.00	-	-	2,973.00	0.56	0.061%	-	-	2,973.00	0.563	0.056%
1 1/2"	Plastic	2,292.00	-	-	2,292.00	0.43	0.047%	-	-	2,292.00	0.434	0.043%
2"	Plastic	60,838.00	2,295.00	-	63,133.00	11.96	1.286%	650.00	-	63,783.00	12.080	1.206%
3"	Plastic	118,386.00	-	2,500.00	115,886.00	21.95	2.380%	-	-	115,886.00	21.948	2.191%
4"	Plastic	29,539.00	-	-	29,539.00	5.59	0.607%	-	-	29,539.00	5.595	0.559%
6"	Plastic	101,282.60	7,050.00	-	108,332.60	20.52	2.225%	3,522.00	-	111,854.60	21.185	2.115%
8"	Plastic	230,062.00	54,771.00	-	284,833.00	53.95	5.849%	25,676.00	120.00	310,389.00	58.786	5.869%
12"	Plastic	2,139.00	1,407.00	-	2,139.00	0.41	0.044%	-	-	2,139.00	0.405	0.040%
TOTAL		4,735,565.20	150,365.00	14,617.00	4,869,861.20	922.32	100.0%	433,776.91	14,636.00	5,289,002.11	1001.70	100.0%

Northern Kentucky Water District
 Chlorinators and Sodium Hypochlorite Feeders In System & Location
 Updated 3/26/2002

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	Penn Process	2.3 GPH
Bristow Road Pump Station	2	Sodium Hypochlorite	Jesco Pump	9.1 GPH
Dudley Pump Station	2	Sodium Hypochlorite	US Filter Wallace & Tiernan Encore 700	12 GPH
Fort Thomas Treatment Plant	8	Sodium Hypochlorite	US Filter Wallace & Tiernan Encore 700	77 GPH
Taylor Mill Treatment Plant	2	Sodium Hypochlorite	US Filter Wallace & Tiernan Encore 700	5 GPH
	3		US Filter Wallace & Tiernan Encore 700	22.5 GPH
Ohio River Pump Station	4	Sodium Hypochlorite	Tuthill 21MIF22C59X75300	28.7 GPH

54 Pumps in Service

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 <i>(Feeds FTTP)</i>	Brent	1	VT	1997	1250	4160	AUTO	10,417	435	HIGH
		2	VT	1997	1250	4160	AUTO	10,417	435	HIGH
		3	VT	1997	1250	4160	AUTO	10,417	435	HIGH
		4	VT	1997	1250	4160	AUTO	10,417	435	HIGH
		5	VT	1999	1250	4160	AUTO	8,400	430	HIGH
		6	VT	1994	1250	4160	AUTO	9,000	432	HIGH
Latonia Ave. and 35th St.	Covington	1	HC	1953	75	440	AUTO	500	400	HIGH
		2	HC	1953	75	440	AUTO	500	400	HIGH
Bromley	Bromley	1	VT	1968	60	440	AUTO	500	315	HIGH
		2	VT	1986	75	440	AUTO	700	340	HIGH
		3	VT	1986	75	440	AUTO	700	340	HIGH
Licking River Raw Water Pumping Station	Taylor Mill	1	VT	1990	350	440	AUTO	8333	126	LOW
		2	VT	1971	250	440	AUTO	6250	126	LOW
		3	VT	1993	150	440	AUTO	4900	94	LOW
Taylor Mill Treatment Plant	Taylor Mill	1	VT	2001	600	2300	AUTO	6945	250	HIGH
		2	VT	1954	450	2300	AUTO	3472	385	HIGH
		3	VT	1954	700	2300	AUTO	3472	385	HIGH
		4	VT	1974	1250	2300	AUTO	6945	490	HIGH
		5	VT	1974	1250	2300	AUTO	6945	490	HIGH
		6	VT	1982	600	2300	AUTO	6945	250	HIGH
Dudley Pike 1040 System	Edgewood	1	VT	1965	250	440	AUTO	2825	270	HIGH
		2	VT	1965	250	440	AUTO	2825	270	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	1990	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	1994	600	460	AUTO	5000	282	HIGH
Richardson Rd.	Independence	1	VT	1981	400	440	AUTO	2100	515	HIGH
		2	VT	2001	400	440	AUTO	2100	515	HIGH
		3	VT	1998	400	440	AUTO	2100	515	HIGH
Hands Pike	Covington	1	VT	1983	75	440	AUTO	500	426	HIGH
		2	VT	1983	75	440	AUTO	500	426	HIGH
West Covington	Covington	1	VC	1987	40	440	AUTO	1600	60	LOW
		2	VC	1987	40	440	AUTO	1600	60	LOW
Bristow Rd. <i>(Peerless Pumps)</i>	Independence	1	VT	2002	75	480	AUTO	2900	65	LOW
		2	VT	2002	75	480	AUTO	2900	65	LOW
		3	VT	2002	75	480	AUTO	2900	65	LOW
Newport PS Variable Speed	Fort Thomas	1	VT	2000	500	440	AUTO	4200	372	HIGH
		2	VT	2000	500	440	AUTO	4200	372	HIGH
		3	VT	2000	500	440	AUTO	4200	372	HIGH
US 27 10 MGD	670 Alex. Pk. Fort Thomas	1	VT	1990	350	440	AUTO	3500	300	HIGH
		2	VT	1990	350	440	AUTO	3500	300	HIGH
		3	VT	1990	350	440	AUTO	3500	300	HIGH
Ripple Creek	Cold Spring	1	VC	1991	75	440	AUTO	2050	100	LOW
		2	VC	1991	75	440	AUTO	2050	100	LOW
Ohio River Raw Water Pumping Station #2 <i>(Feeds MPTP)</i>	Fort Thomas	1	VT	1987	800	2400	AUTO	5500	365	HIGH
		2	VT	1999	800	2400	AUTO	5000	365	HIGH
		3	VT	2002	800	2400	AUTO	4000	365	HIGH
Memorial Parkway Treatment Plant Raw Water Pumps	Fort Thomas	1	VC	NA	125	460	AUTO	5300	64	LOW
		2	VC	NA	75	440	AUTO	3675	64	LOW
		3	VC	NA	75	440	AUTO	3675	64	LOW
Carothers Rd. Pump Stn.	Newport	1	VT	1996	150	460	AUTO	1800	263	HIGH
		2	VT	1996	150	460	AUTO	1800	263	HIGH

Case No. 200-_____
Exhibit H

NORTHERN KENTUCKY
WATER DISTRICT

Project – Poplar Ridge, Nelson Road and Four Mile Pike

Campbell County
184-111, 184-112, 184-132

Current Schedule of Outstanding Bonds,
Notes, and other Indebtedness,
Balance Sheet and
Income Statement



90000 SERIES
30% P.C.W.

Northern Kentucky Water District Schedule of Current Bonds, Notes and Other Debt December 31, 2004	
Description	Amount
Bonds	
Series 1997	\$ 7,080,000
Series 1998	\$ 10,045,000
Series 2000 Rural Development	\$ 2,220,000
Series 2001	\$ 15,565,000
Series 2002A	\$ 44,790,000
Series 2002B	\$ 9,585,000
Series 2003A	\$ 1,580,000
Series 2003B	\$ 29,445,000
Series 2003C	\$ 22,360,000
Series 2004	\$ 10,455,000
Notes and Other Debt	
2004 Bond Anticipation Note	\$ 3,605,000
City of Taylor Mill	\$ 2,625,000
Campbell County Fiscal Court	\$ 100,000
Total Bonds, Notes and Other Debt	\$ 159,455,000

**Northern Kentucky Water District
Balance Sheet
As of November 30, 2004**

2004

ASSETS	
CURRENT ASSETS	
Cash and Cash Equivalents	\$ 3,531,503
Accrued Interest Receivable	0
Accounts Receivable	
Customers	3,485,594
Unbilled Customers	4,200,000
Other	26,688
Assessments Receivable	38,913
Inventory Supplies for New Installation and Maintenance, at Cost	1,195,388
Prepaid Expenses	819,349
TOTAL CURRENT ASSETS	\$ 13,297,435
RESTRICTED ASSETS	
Bond Proceeds Fund	\$ 10,157,547
Debt Service Reserve Account	12,995,235
Debt Service Account	4,016,154
Improvement, Repair & Replacement	2,663,166
Boone/Florence Settlement Account	4,121,098
TOTAL RESTRICTED ASSETS	\$ 33,953,200
NONCURRENT ASSETS	
Miscellaneous Deferred Charges	\$ 10,530,060
Capital Assets:	
Land, System, Buildings and Equipment	\$ 240,916,183
Construction in Progress	12,365,643
Total Capital Assets before accumulated depreciation	\$ 253,281,826
Less Accumulated Depreciation	(49,140,566)
Total capital assets, net of accumulated depreciation	\$ 204,141,260
TOTAL NONCURRENT ASSETS	\$ 214,671,320
TOTAL ASSETS	\$ 261,921,955

Northern Kentucky Water District
Balance Sheet
As of November 30, 2004

2004

LIABILITIES AND RETAINED EARNINGS	
CURRENT LIABILITIES	
Current Portion of Long Term Debt	\$ 4,400,000
Accounts Payable	1,332,904
Accrued Payroll & Liabilities	181,809
Other Accrued Liabilities	127,030
TOTAL CURRENT LIABILITIES	\$ 6,041,743
CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS	
Accounts Payable	\$ 92,066
Accrued Interest Payable	1,635,971
TOTAL CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS	\$ 1,728,037
LONG-TERM DEBT	
Long-Term Portion of Bonded Indebtedness	\$ 148,725,000
Bond Anticipation Notes Payable	3,605,000
Note Payable - Taylor Mill Purchase	2,625,000
Deferred Note Payable	100,000
TOTAL LONG-TERM DEBT	\$ 155,055,000
TOTAL LIABILITIES	\$ 162,824,780
RETAINED EARNINGS	\$ 99,097,175
TOTAL LIABILITIES AND RETAINED EARNINGS	\$ 261,921,955

N Ky Water Service District
Income Statement
for the Eleven Months Ended November 30, 2004

	YTD 11/30/04
Income	
Water Sales	\$26,998,262.57
Forfeited Discounts	551,277.34
Rents from Water Property	410,478.44
Other Water Revenues	146,280.68
	\$28,106,299.03
Operating Expenses	
O & M Expenses	
Salaries & Wages	\$6,538,773.23
Employee Pension & Benefits	1,933,431.11
Taxes Other than Income Taxes	468,028.20
Purchased Power	1,728,155.80
Chemicals	720,698.76
Materials & Supplies	1,362,599.95
Contractual Services	3,423,804.13
Rent	9,199.22
Transportation	259,593.56
Insurance	639,271.00
Advertising	8,176.89
Bad Debt Expense	391,535.21
Miscellaneous	92,926.50
Regulatory Commission Assessment	194,373.62
	\$17,770,567.18
Depreciation	\$4,510,000.00
	\$22,280,567.18
Net Operating Income (Loss)	\$5,825,731.85
Non-Operating Income (Expense)	
Interest Income	\$721,024.68
Unrealized Gain on Investments	245,238.51
Miscellaneous	152,784.51
Interest on Long Term Debt	(4,743,532.53)
Amortization	(664,163.16)
	(\$4,288,647.99)
Net Income before Contributions	\$1,537,083.86
Capital Contributions	\$1,942,787.01
Net Income (Loss)	\$3,479,870.87