

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

SEP 04 2009

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF NORTHERN KENTUCKY)
WATER DISTRICT FOR APPROVAL OF) CASE NO. 2009- 00361
CONSTRUCTION OF WATER MAIN 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 construction of building improvements and filters at the Fort Thomas treatment plant pursuant to KRS 278.020.

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

1. NKWD's office address is 2835 Crescent Springs Rd., Erlanger, KY 41018-0640. Its principal officers are listed in its current Annual Report on page 6, which is filed with the Commission as are its prior years Reports;
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 F .
4. NKWD serves retail customers in Kenton, Boone and Campbell Counties and sells water at wholesale to non-affiliated water distribution systems in Kenton, Boone, Pendleton and Campbell Counties.
5. It proposes to construct approximately 7,750 linear feet of 42 inch and 24 inch

ductile iron/steel water main along Mook Road and U.S. 27 as described in Exhibit A. (Two copies of the Maps, Plans, Specifications and Bid Documents are provided as a separate bound document). The District is financing the improvements with proceeds from a BAN issued in 2007 and a BAN to be issued in 2009. (Exhibit E)

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 will provide more efficient use of its facilities. The project, its cost, need and other details are contained in Exhibit A.

7. The total project bid cost is approximately \$2,360,550. See Exhibits C and E.

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

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

10. The proposed project, identified in Exhibit A, is scheduled to begin construction upon approval by the Commission and be completed within 210 construction days. Board approval of the project was given on August 20, 2009, attached as Exhibit B. Bid information is included with Exhibit C. Bids expire on November 8, 2009.

11. No new franchises are required. The DOW permit is attached as Exhibit D.

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

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

14. The construction costs will be funded by the 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 E.

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

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

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

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

20. Plant retirements are listed in Exhibit F. No salvage values are included as booked.

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

22. No rate adjustment is being proposed.

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

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

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

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

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

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

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

c. There is no refunding or refinancing;

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

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

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

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

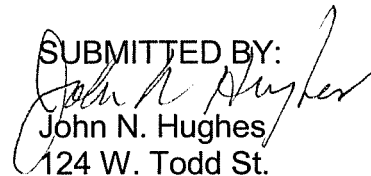
b. Property is to be constructed is described in Exhibit A.

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 G.
- e. Bonds are listed in Exhibit G.
- f. Notes are listed in Exhibit G.
- g. Other indebtedness is listed in Exhibit G.
- h. No dividends have been paid.
- i. Current balance sheet; income statement and debt schedule are attached as Exhibit G.
- k. The facilities being constructed will be reflected in USoA Accounts as Account 331 - Mains.

For these reasons, the District requests authorization to construct the facilities and any other order or authorization that may be necessary to obtain Commission approval for construction.

SUBMITTED BY:

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

Attorney for Northern
Kentucky Water District

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

**NORTHERN KENTUCKY WATER DISTRICT
42" Water Transmission Main
U.S. 27 and Mook Road
Campbell County, Kentucky
Project 184-076**

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D	Certified Statements & Roads and Right of Way Permits (1) Affidavit (2) Kentucky Transportation Cabinet Permit (3) Division of Water Permit
E	Sources of Construction Funds
F	2009 Northern Kentucky Water District Annual Report for Class A and Class B Water Districts
G	Current Schedule of Outstanding Bonds, Notes, and other Indebtedness

Case No. 200-_____
Exhibit _____ A _____

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Project Description

42" Water Transmission Main
U.S. 27 and Moock Road
Campbell County, Kentucky

Project 184-076

Project Description:

Existing Condition: The District owns and maintains parallel 30-inch (installed 1887) and 24-inch cast iron (installed 1930) water mains which run from the Ft. Thomas Treatment Plant (FTTP) to our 36-inch along Moock Road. These two water mains are the only feeds to the Kenton County Service Area from the FTTP. The District's 10 mgd Taylor Mill Treatment Plant (TMTP) serves the areas of Kenton County that are south of Covington and offers some redundancy to the FTTP. These water mains are critical to our Kenton County water system because the TMTP cannot meet the demands of this area. The 30-inch and 24-inch were cement lined during the early 1970's and the pipe itself appears to be in decent shape. The challenge with both of these water mains is the location and the District has begun to experience problems over the last few years. The 24-inch is installed in the creek that runs along U.S. 27 and Moock Road making it difficult to access and maintain. The 30-inch runs through a new development on Moock Road, making accessibility and restoration difficult. Both of these water mains run under I-471 at depths in excess of 30 feet.

Proposed Project: The project will install approximately 7,750 linear feet of 42-inch & 24-inch ductile iron and/or steel water main along Moock Road from old Joe's Lake Road to U.S. 27 and U.S. 27 from Moock Road to Blossom Lane in the Cities of Southgate and Ft. Thomas. This project was recommended by the District's "Water Distribution System Master Plan" to help provide redundancy to the Kenton County Water System.

This project was bid to allow either ductile iron or steel pipe to be furnished. Both materials are specified to meet the District's performance requirements, but each type has distinct design considerations and maintenance provisions. This approach was used to encourage more competitive bidding as opposed to only bidding ductile iron and because steel pipe has some potential advantages over ductile iron pipe. The low bid for this project was Steel Pipe, at a cost of \$2,360,550.25 compared to the low bid for Ductile Iron Pipe at \$3,435,333.81. The District's Board of Commissioners approved the bid for Steel Pipe.

Case No. 200-_____
Exhibit B

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Approving Board Of Commissioners
Meeting Minutes and
KIA Grant Approval Letters

**Northern Kentucky Water District
Board of Commissioners Meeting
August 20, 2009**

A regular meeting of the Board of Commissioners of the Northern Kentucky Water District was held on August 20, 2009 at the District's facility located at 2835 Crescent Springs Road in Erlanger, Kentucky. All Commissioners were present. Also present were Ron Lovan, Richard Harrison, Bari Joslyn, Mark Lofland, Jack Bragg, Bob Buhrlage, Bill Wulfeck, Scott Shepherd, Dave Enzweiler, Mary Carol Wagner, Gary Lewis, Charles Pangburn, Alan Alexander and Jason Atkins.

Commissioner Macke called the meeting to order.

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

Mr. Lovan and the Board honored and thanked Charlie Pangburn for over 13 years of faithful and dedicated service to the District on the occasion of his recent departure from the private practice of law.

Mr. Buhrlage, Ms. Wagner, Mr. Bragg, Mr. Lofland and Mr. Harrison of the District staff delivered a presentation to the Board on Benchmarking and measures undertaken by the District to improve engineering, operation, budgetary and asset management performance.

The Board reviewed correspondence received and articles published since the last regular Board meeting on July 30, 2009.

On motion of Commissioner Collins, seconded by Commissioner Sommerkamp, the Board unanimously approved the minutes for the regular Board meeting held on July 30, 2009.

On motion of Commissioner Koester, seconded by Commissioner Jackson, and after discussion, the Board unanimously approved the expenditures of the District for the month of July, 2009.

On motion of Commissioner Wagner, seconded by Commissioner Sommerkamp, and after discussion, the Board unanimously approved the award of contract to Lawrence Construction and Leasing, Inc., for construction of the District's 42" Water Transmission Main along Mook Road & U.S. 27 using steel pipe and authorized the District staff to execute appropriate contract documents.

On motion of Commissioner Collins, seconded by Commissioner Koester, and after discussion, the Board unanimously approved the rejection of existing bids and granted authorization to require new bids for materials to be used by the District in support of construction of the District's 42" Water Transmission Main along Mook Road & U.S. 27 and authorized the District staff to take such additional steps as may be necessary to obtain new bids.

On motion of Commissioner Wagner, seconded by Commissioner Sommerkamp, and after discussion, the Board unanimously agreed to award the engineering services contract to CDP Engineers for the design of replacement water mains located within the City of Newport, along Parkview Avenue, Harrison Avenue, Hubert Ally, 18th Street, 19th Street, Summer Hill Avenue and 20th Street, and authorized the District staff to execute appropriate contract documents.

On motion of Commissioner Koester, seconded by Commissioner Sommerkamp, and after discussion, the Board unanimously agreed to award a service contract to Service Pump and Supply for the replacement of two of the water pumps located within the 1040 Pressure Zone Dudley Pump Station and to authorize the District staff to enter into an appropriate construction services contract.

The Board reviewed the District's financial reports and Department reports.

Other matters of a general nature were discussed.

On motion of Commissioner Wagner, seconded by Commissioner Collins, the Commissioners present unanimously agreed to adjourn the meeting.

CHAIRMAN

SECRETARY

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Engineering Reports

Engineer's Letters of Recommendation

Engineers Final Estimate

System Hydraulic Model

Project Map

Project Specifications
(See Attached Specifications)

Case No. 200-_____
Exhibit C

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

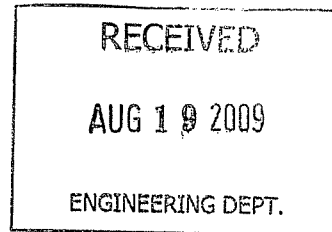
Campbell County, Kentucky

Project 184-076

Engineer's Letters of Recommendation

**VIOX & VIOX**

Civil Engineers, Surveyors, and Landscape Architects

466 Erlanger Road
Erlanger, Kentucky 41018Tel: 859.727.3293
Fax: 859.727.8452
www.vioxinc.com

August 14, 2009

Northern Kentucky Water District
P.O. Box 18640
2835 Crescent Springs Road
Erlanger, KY 41018

ATTN: Richard Harrison, P.E.

RE: Southgate 42" Water Main Project
(From Ft. Thomas Treatment Plant
to Waterworks Road at Mook Road)

Dear Mr. Harrison,

We have reviewed the bids received August 11, 2009, for the 42" Water Main Extension from Ft. Thomas Treatment Plant to Waterworks Road at Mook Road, Campbell County, KY. The breakdown of the bids has been provided to your staff and to the contractors.

The contractors bidding on the 42" Water Main had the choice of either ductile iron or steel pipe materials. They could provide a bid for ductile iron pipe only, steel only or both ductile iron pipe and steel pipe. Of the fourteen (14) contractors submitting bids, only thirteen (13) contractors offered prices for ductile iron and only eight (8) contractors offered prices for the steel pipe.

DUCTILE IRON PIPE BIDS

The lowest bidder utilizing ductile iron pipe was Nelson Stark Company with a bid of \$3,435,333.81.

STEEL PIPE BIDS

The lowest bidder utilizing steel pipe was Lawrence Construction & Leasing Inc. with a bid of \$2,360,550.25

There were 11 bidders under the ductile iron estimate of \$4,284,145.00.

Lawrence Construction & Leasing Inc. has been a contractor for the NKWD in the past. Therefore, it is our recommendation that the contract should be awarded to them for \$2,360,550.25.

Hopefully, this recommendation is sufficient for your Commission to make a decision.

Yours truly,

James H. Viox III, P.E., L.S.

Case No. 200-_____
Exhibit _____ C

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Engineer's Final Estimate

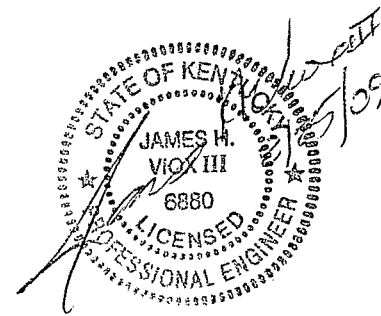


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ENGINEER'S ESTIMATE 42" WATER MAIN EXTENSION FROM US 27 AT FT. THOMAS TREATMENT PLANT TO WATERWORKS ROAD AT MOOCK ROAD JULY 23, 2009

ITEM	UNIT	QUANTITY	UNIT COST	TOTAL COST
6.02 24" CLASS 51 DUCTILE IRON PIPE-INTERNAL RESTRAINED JOINT {DETAIL 103, 103A, 104, 104A, 110, THELEN 1, THELEN2} & BOND JOINTS	LF	90	\$428.00	\$38,520.00
6.02 42" CLASS 51 DUCTILE IRON PIPE-INTERNAL RESTRAINED JOINT {DETAIL 103, 103A, 104, 104A, 110, THELEN 1, THELEN2} & BOND JOINTS	LF	7660	\$420.00	\$3,217,200.00
6.04 CASING PIPE - 60" I.D. BY BORE & JACK	LF	237	\$500.00	\$118,500.00
8.01 INSTALL FIRE HYDRANT ASSEMBLY	EA	4	\$3,500.00	\$14,000.00
11.01 CONCRETE ENCASEMENT	LF	85	\$100.00	\$8,500.00
11.05 2" AIR RELEASE VALVE {MATERIALS SUPPLIED BY NKWD} DETAIL 106	EA	5	\$7,000.00	\$35,000.00
11.06 42"x42x"6" ANCHORING TEES AND BLOCKS-RESTRAINED	EA	4	\$15,000.00	\$60,000.00
12.05 ASPHALTIC CONCRETE MILLING AND PAVING - US 27	SY	2725	\$14.00	\$38,150.00
12.05 ASPHALTIC CONCRETE OVERLAY - MOOCK ROAD	SY	9050	\$8.00	\$72,400.00
12.06 ASPHALTIC CONCRETE {DETAIL 103A} AND THELEN DETAIL	SY	3280	\$55.00	\$180,400.00
12.07 ASPHALTIC CONCRETE DRIVEWAY/PARKING AREA	SY	1750	\$55.00	\$96,250.00
BITUMINOUS CURB RESTORATION	LF	50	\$55.00	\$2,750.00
CONCRETE FLUME RESTORATION	SY	10	\$45.00	\$450.00
12.14 BEST MANAGEMENT PRACTICE	LS	1	\$15,000.00	\$15,000.00
SHOULDER RESTORATION	SY	680	\$55.00	\$37,400.00
GUARD RAIL RESTORATION	LF	85	\$25.00	\$2,125.00
FENCE RESTORATION - INTERSTATE I-471	LF	300	\$15.00	\$4,500.00
12.15 CLEARING	LUMP		\$5,000.00	\$5,000.00
CORROSION MONITORS	EA	6	\$1,000.00	\$6,000.00
24" - 45 RESTRAINED BEND	EA	3	\$2,000.00	\$6,000.00
42" - 5-37-30 RESTRAINED BEND	EA	9	\$6,000.00	\$54,000.00
42" - 11-1/4 RESTRAINED BEND	EA	18	\$6,500.00	\$117,000.00
42" - 22-1/2 RESTRAINED BEND	EA	7	\$8,000.00	\$56,000.00
42" - 45 RESTRAINED BEND	EA	11	\$9,000.00	\$99,000.00
TOTAL ESTIMATED COST				\$4,284,145.00

Case No. 200-_____
Exhibit C

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

System Hydraulic Model



FIRE FLOW CERTIFICATION

**42" Water Main
Moock Road and US 27
Southgate
Campbell County, KY
January 30th, 2009**

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

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

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

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

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





HYDRAULIC AND FLUSHING VELOCITY CERTIFICATION

**42" Water Main
Mooch Road and US 27
Southgate
Campbell County, KY
January 30th, 2009**

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, except at one isolated connection point where the pressure drops to 19 psi.

This main is strictly a transmission main and there are no customers supplied directly from this main. The main can meet 20 psi in the system except for at the connection to the existing 24 inch transmission main where pressures drop to 19 psi. The maximum flow rate that can reliably be supplied to the main and meet 20 psi in the system, except for at the 24" connection, under maximum hour conditions is at least 5,000 gpm.

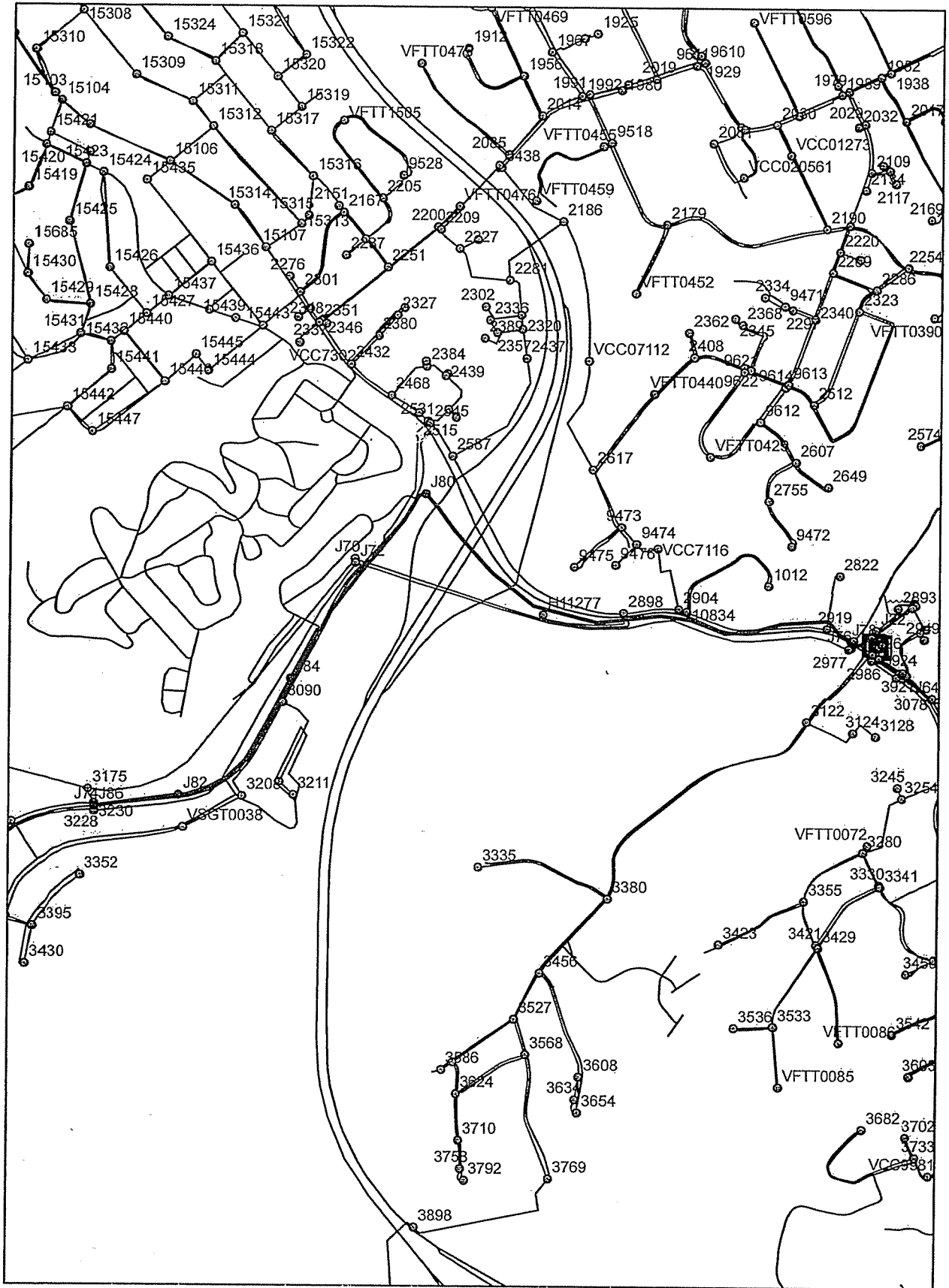
This certification is based on the information available and is not a guarantee of any precise results. Results are based on hydraulic modeling performed using InfoWater, the program available from MWHSOft. Supporting documentation and operating conditions are attached and are the basis for this certification.

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

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

The assumed Hazen-Williams roughness coefficient for all new pipe was 120, which is suitable for ductile iron or PVC. This main is served by the Fort Thomas Treatment Plant Clearwell.





Case No. 200-_____
Exhibit C

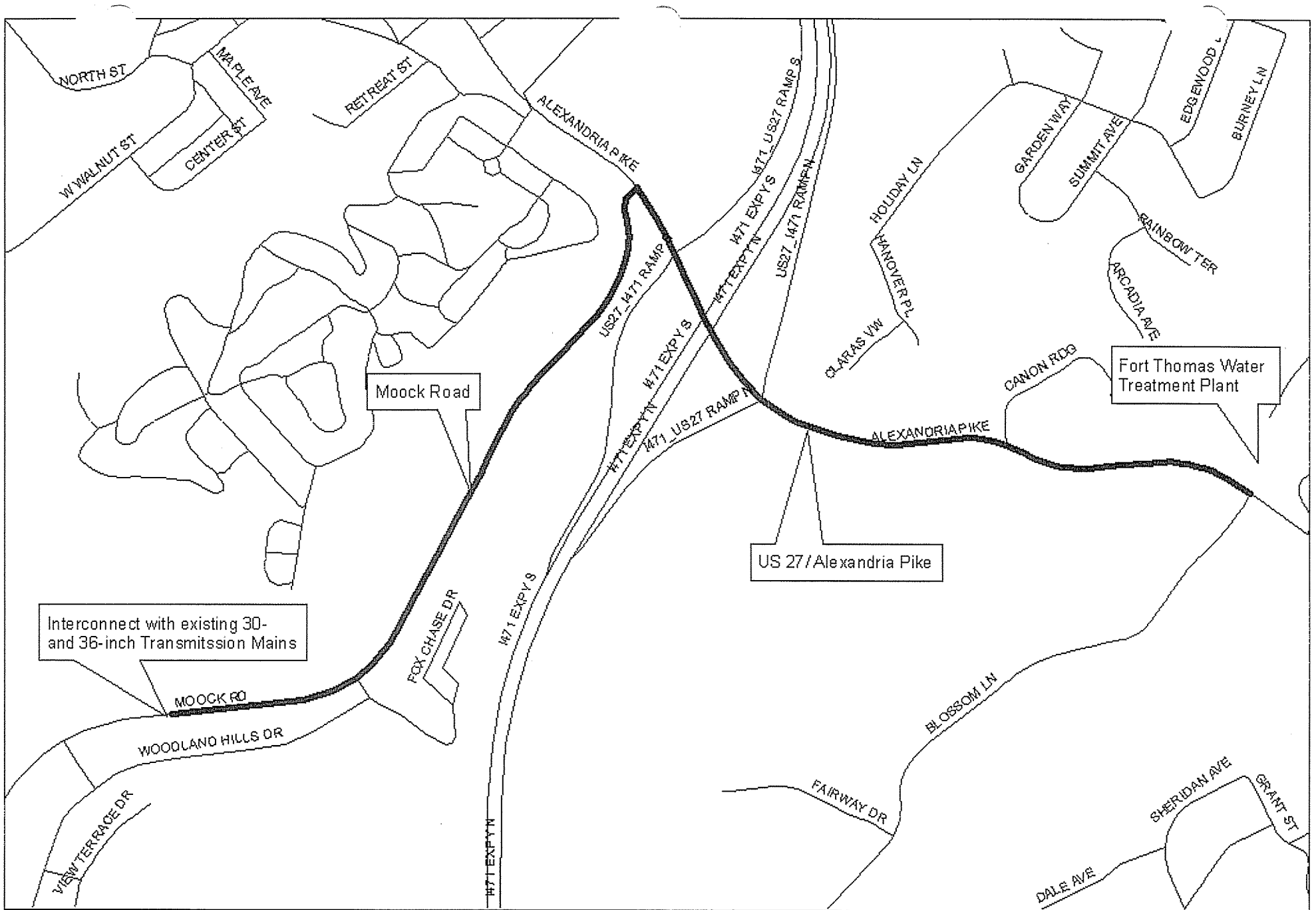
NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Project Map



Legend
 Proposed 42-inch Main

42-Inch Water Transmission Main Southgate, Campbell County, Kentucky

Case No. 200-_____
Exhibit _____ D _____

NORTHERN KENTUCKY
WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road


Campbell County, Kentucky

Project 184-076

Certified Statements
And
Roads and Right of Way Permits


**COMMONWEALTH OF KENTUCKY
COUNTY OF CAMPBELL**

Affiant, Jack Bragg, 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 "42" Water Transmission Main" 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.



Jack Bragg
Vice President - Finance
Northern Ky. Water District

Subscribed and sworn to before me in said County to be his act and deed by Jack Bragg, Vice President of Finance of the Northern Kentucky Water District, this 28 day of AUGUST 2009.



NOTARY PUBLIC
Campbell County, Kentucky
My commission expires 5/6/13



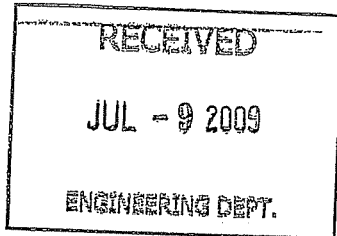


TRANSPORTATION CABINET

Steven L. Beshear
Governor

Department of Highways District 6 Office
421 Buttermilk Pike
P.O. Box 17130
Covington, KY 41017
(859) 341-2700

Joseph W. Prather
Secretary



June 29, 2009

SUBJECT: Campbell County, -19-1632-.898
KY 1632 (MOOCK ROAD)
Permit Number 06-0258-09


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 July 1, 2010. When the permitted work and any necessary restoration have been completed please notify this office by using the attached form which will serve as notification for final inspection.

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

Sincerely,


Robert Hans, P.E.
Chief District Engineer
Department of Highways
District 6 -Covington
P.O. Box 17130
Covington, KY 41017



NOTICE OF COMPLETION OF ENCROACHMENT PERMIT WORK

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

Applicant Identification

Project Identification

Name: NORTHERN KENTUCKY WATER SERVICE Permit Number: 06-0258-09

Contact Person:

County: Campbell

Address: P.O. BOX 17010

Route Number: 1632

City: COVINGTON

Road Name: MOOCK ROAD

State: KY Zip: 41017

Milepoint: .898

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:

James A. Minckley, P.E.

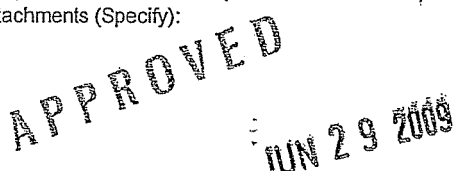
KENTUCKY TRANSPORTATION CABINET
Department of Highways
Permits Branch

TC 99-1E
Rev. 10/01

Released Date _____

ENCROACHMENT PERMIT

PERMIT NO. 06-0258-89

APPLICANT IDENTIFICATION: NAME: <u>Northern Kentucky Water District</u> CONTACT PERSON: <u>Steve Broering</u> ADDRESS: <u>2835 Crescent Springs Road</u> CITY: <u>Erlanger</u> STATE: <u>KY</u> ZIP CODE: <u>41018</u> PHONE: area code (<u>859</u>) <u>426-2728</u>		PROJECT IDENTIFICATION: ACCESS CONTROL: <input checked="" type="checkbox"/> By Permit <input type="checkbox"/> Partial <input type="checkbox"/> Full COUNTY: <u>Campbell</u> PRIORITY ROUTE NO: <u>KY 1632</u> MILEPOINT: <u>K</u> <input checked="" type="checkbox"/> Left <input type="checkbox"/> Right <input type="checkbox"/> X-ing PROJECT STATUS: <input checked="" type="checkbox"/> Maint. <input type="checkbox"/> Const. <input type="checkbox"/> Design PROJECT # STATE: <u>MP-019-1632</u> PROJECT # FEDERAL: _____ ROAD/STREET NAME: <u>MOOCK ROAD</u>	
TYPE OF ENCROACHMENT: <input type="checkbox"/> COMMERCIAL ENTRANCE - BUSINESS _____ <input type="checkbox"/> PRIVATE ENTRANCE: <input type="checkbox"/> Single Family <input type="checkbox"/> Farm <input checked="" type="checkbox"/> UTILITY: <input type="checkbox"/> Overhead <input checked="" type="checkbox"/> Underground <input type="checkbox"/> GRADE: <input type="checkbox"/> Fill <input type="checkbox"/> Landscape on R/W <input type="checkbox"/> AIRSPACE: <input type="checkbox"/> Agreement <input type="checkbox"/> Lease <input type="checkbox"/> OTHER: (Specify) _____		ATTACHMENTS: <input type="checkbox"/> Standard Drawings (List on TC 99-21 under Misc.) <input type="checkbox"/> Applicant's Plans <input type="checkbox"/> Highway Plan and Profile Sheets <input type="checkbox"/> TC 99-3 (Ponding Encroachment Specs. and Conditions) <input type="checkbox"/> TC 99-4 (Rest Area Usage Specs. and Conditions) <input type="checkbox"/> TC 99-5 (Tree Cutting/Trimming Specs. and Conditions) <input type="checkbox"/> TC 99-6 (Chemical Use of Specs. and Conditions) <input type="checkbox"/> TC 99-10 (Typical Highway Boring Crossing Detail) <input type="checkbox"/> TC 99-12 (Overhead Utility Encroachment Diagram) <input type="checkbox"/> TC 99-13 (Surface Restoration Methods) <input checked="" type="checkbox"/> TC 99-21 (Encroachment Permit General Notes and Specs.) <input type="checkbox"/> TC 99-22 (Agreement for Services to be Performed) <input type="checkbox"/> TC 99-23 (Mass Transit Shelter Specs. and Conditions) <input type="checkbox"/> Other Attachments (Specify): _____	
TYPE OF INDEMNITY: <input type="checkbox"/> Bond <input type="checkbox"/> Cash <input type="checkbox"/> SELF-INSURED AMOUNT ENCUMBERED \$ <u>25,000.00</u> <input type="checkbox"/> OTHER _____			
NAME AND ADDRESS OF LOCAL INSURANCE AGENCY OR SELF-INSURED REPRESENTATIVE: _____			
IDEMNITY: 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 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. New Construction - Installation of a 42" Class 51 ductile iron water main along Moock Road and U.S. 27. Construction will include 2 bore/jack procedures and filling in of a low area with spoils near the intersection of U.S. 27 and the Southbound ramp to I-471. Restoration will be topsoil, asphalt and concrete restoration. A minimum of one lane will be milled and paved in certain parts of the project. <u>* M.P. 0.888 - 1.660</u>			
IMPORTANT (PLEASE READ): Applicant <input type="checkbox"/> does <input checked="" type="checkbox"/> does not intend to apply for excess R/W.			

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

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

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

Permit No. 06-0258-09

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 Permits Manual as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.
2. Permittee agrees that if the Department determines that vehicular capacity deficiencies or over capacity conditions develop as a result of the installation and use of this facility, the permittee shall adjust, relocate, or reconstruct the facilities and/or provide and bear the expenses for signs, auxiliary lanes, or other corrective measures reasonably deemed necessary by the Department and as set forth in the Department's Permit Manual within a reasonable length of time after receipt of written notice regarding such adjustments, relocation, additions, modifications, 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(s) shall be borne by the permittee and/or the Department in accordance with Department policy then in force as set forth in the Traffic Manual. Any modifications to the permittee's entrance necessary to accommodate signalization (including necessary easement(s) on private property) shall be the responsibility of the permittee, at no expense to the Department. (This applies only to Entrance Permits.)
3. The said encroachment will not infringe on the frontage rights of an abutting owner without written consent of the said owner as hereto: "I(we) consent to the granting of attached permit." _____
Date _____ (This does not apply to utilities which serve the general public.)
4. Any permit granted hereunder shall be with the full understanding that it shall not interfere with any similar rights or permits heretofore granted to any other party except as otherwise provided by law.
5. A plan prepared by Viox & Viox and dated February 04, 2008 is attached hereto and made a part hereof, which describes the facilities to be constructed by the permittee for which facilities this permit is granted. The permittee agrees as a condition to the issuance of the permit to construct and maintain such facilities in accordance with said plan, and the permittee shall not use the facilities authorized herein in any manner contrary to that prescribed by this permit and plan. Normal usage and routine maintenance only are authorized under this permit.
6. Permittee shall comply with the Manual on Uniform Traffic Control Devices as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.
7. Permittee shall at all times from date when work is first commenced and until such time as all facilities are removed from the right-of-way premise, defend, protect, and save harmless the Department from all liability, claims, and demands arising out of work undertaken by the permittee pursuant to this permit, due to any negligent act or omission by the permittee, its servants, agents, employees, or contractors. This provision shall not inure to the benefit of any third party or operate to enlarge any liability of the Department beyond that existing at common law if this right to indemnity did not exist.
8. Upon a violation of any of the provisions of this permit, the Department may revoke the permit by giving notice to the permittee in writing to remove from the right-of-way any facilities placed thereon within a reasonable time as set forth in the notice, and in the event said facilities are not so removed, and the right-of-way restored the Department may cause same to be removed, and the costs thereof shall be charged to the permittee.
9. The permittee, his successors and assigns shall use the encroachment premises in compliance with all Federal requirements imposed pursuant to the provisions of the Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000-1) and regulations of the U.S. Department of Transportation as set forth in Title 49 C.F.R., Part 21, and as said regulations may be amended.
10. Permittee agrees that in the event it should become necessary, as may be reasonably determined by the Department, for the facilities covered by this permit to be removed or relocated in connection with the reconstruction, relocation, or improvement of the abutting highway, the Department may revoke this permit and require removal or relocation by the permittee at his own expense according and pursuant to the procedures provided in Paragraph 8 above except in those cases where the Department is required by law to pay any or all the same.
11. The permittee understands and agrees that this permit is personal to the permittee and shall not inure to his successors and assigns without the written approval of the Department that he is bound by the provisions of this permit as long as the encroachment exists unless a written release has been obtained from the Department. (Does not apply to utilities serving the general public.)
12. If the work authorized by this permit is on a project in the construction phase, it shall be the responsibility of the permittee to make personal contact with _____ Resident Engineer on the project to coordinate the permitted work with the State's prime contractor on the project.
13. This permit does not alleviate any requirements of any other government agency.
14. Permittee agrees to keep the priority route in which this permit was issued clear of dirt, mud, and debris during construction and for the life of this permit.

ANY ATTEMPT TO ALTER THIS FORM CONSTITUTES A VOID PERMIT.

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

January 1st, 20 09 July 1st, 20 09 January 22, 2009 Steve Browning _____
 Completion Date Date Signature

RECOMMENDED FOR APPROVAL MFB/jw _____ 6/22/09
 _____ _____ Chief District Engineer Date

PRIVATE ENTRANCE: TO BE COMPLETED BY PERSONNEL INSTALLING FACILITY.

Installed By: _____ _____ _____ _____
 Title Signature Date

ANY ATTEMPT TO ALTER THIS FORM CONSTITUTES A VOID PERMIT.



ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

Permit No. 06 -> 0258-09

I. SAFETY

A. General Provisions

- All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition, Part VI, and safety requirements shall comply with the Permits Manual.
- All work necessary in shoulder or ditch line areas of a state highway shall be scheduled to be promptly completed so that hazards adjacent to the traveled way are kept to an absolute minimum.
- No more than one (1) traveled-lane shall be blocked or obstructed during normal working hours. All signs and flaggers during lane closure shall conform to the Manual on Uniform Traffic Control Devices.
- When necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes shall be blocked or obstructed during adverse weather conditions (rain, snow, fog, etc.) without specific permission from the Department. Working hours shall be between 8:00 a.m and 4:30 p.m
- The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility.
- No nonconstruction equipment or vehicles or office trailers shall be allowed on the right of way during working hours.
- The right of way shall be left free and clear of equipment, material, and vehicles during non-working hours.

B. Explosives

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

C. Other Safety Requirements

II. UTILITIES - Applies to Fully Controlled Access Highways ONLY

- *All work necessary within the right of way shall be performed behind a temporary fence erected prior to a boring operation.
- *The temporary woven wire fence shall be removed immediately upon completion of work on the right of way, and the control of access immediately restored to original condition, in accordance with applicable Kentucky Department of Highways Standard Drawings.
- *All vents, valves, manholes, etc., shall be located outside of the right-of-way.
- *Encasement pipe shall extend from right-of-way line to right-of-way line and shall be one continuous run of pipe. The encasement pipe shall be welded at all joints.
- The boring pit and tail ditch shall extend past the existing toe of slope or bottom of ditch line and shall be a minimum of 42 inches deep.

Permit No. 06-0258-09

II UTILITIES (Continued)

- 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 30-inch cover above top of pipe or conduit.
- All pavement cuts shall be restored per Kentucky Transportation Cabinet form TC 99-13.
- Aerial crossing of this utility line shall have a minimum clearance of _____ feet from the high point of the roadway to the low point of the line (calculated at the coefficient for expansion of 120 degrees Fahrenheit).
- The 30-foot clear zone requirement shall be met to the extent possible in accordance with the Permits Manual.

Special requirements:

Any utilities laid under the pavement will require flowable fill backfill & mill and overlay.
Any pipe laid 3 feet from edge of pavement will require flowable fill backfill.
All work must be coordinated with Rob Franxman at 859-743-1908, because Department has a paving project for this road.

III GENERAL

A. OSHA

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

B. Archaeological

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

C. Utilities in the Work Areas

- The permittee shall be responsible for any damage to existing utilities, and any utility modifications or relocations within state right of way necessary, as determined by the Department or by the owner of the utility, shall be at the expense of the permittee and subject to the approval of the Department.
- All existing manholes and valve boxes shall be adjusted to be flush with finished grade.

D. Environmental

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

Websites

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

Inspectors for KPDES KYR10 at www.KEPSC.org

IV. RIGHT OF WAY RESTORATION

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

Lawn or High Maintenance Situation	70% Lawn Fescue (e.g., variety - Falcon) 30% Bluegrass or
------------------------------------	--

70% Lawn Rye (e.g., variety - Derby) 30% Bluegrass

Right of Way Lawn Maintenance Situation	70% KY 31 Fescue 30% Perennial Rye Grass or
---	--

100% KY Fescue

Two tons of clean straw mulch per acre of seeding.

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

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

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

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

Other right of way restoration requirements are as follows:

[Empty box for other restoration requirements]

V. DRAINAGE

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

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

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

[Empty line for drainage structure type]

Permit No. 06-0258-09

VI Paving

- No bituminous pavement shall be installed within the right of way between November 15 and April 1, nor when the temperature is below 40 degrees Farenheit, without the express consent of the Department. No bituminous pavement shall be installed when the underlying course is wet.
- Paving within the right of way shall be as follows:
 - Base (Type) Flowable Fill (Thickness) varies
 - Surface Base (Type) Bit. Base (Thickness) match existing 9" min.
 - Finished Surface (Type) Bit. Surface (Thickness) 1.5" mill & overlay
- Existing pavement and shoulder material shall be removed to accomodate the above paving specifications.
- The finished surface of all new pavement within the right of way shall be true to the required slope and grade, uniform in density and texture, free of irregularities, and equivalent in riding qualities to the adjacent highway pavement or as determined by the Department of Highways.
- All materials and methods of construction, including base and subgrade preparation, shall be in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- 24 hours notice to the Department is required prior to beginning paving operations.

Phone: 859-341-2700 Name: Mark Brannon
- To ensure proper surface drainage, the new pavement shall be flush with the edge of existing highway pavement and shall slope away from the existing edge of the pavement as specified in drawings.
- Existing edge of pavement shall be saw-cut to provide a straight and uniform joint for new pavement. An approved joint sealer, in accordance with Kentucky Department of Highways Standard Specifications (latest edition), shall be applied between new and existing pavements.

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

A. New Sidewalks

- Sidewalks shall be constructed of Class A concrete (3,500 p.s.i. test); shall be * feet in width, 6 inches in thickness across the bituminous entrance, and 4 inches in thickness across the remaining sections.
- Sidewalks shall have tooled joints not less than 1 inch in depth at four foot intervals*, and 1/2 premolded expansion joints extending entirely through the sidewalk at intervals not to exceed 50 feet.
- All materials and methods of construction, including curing, shall be in accordance with the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

B. Existing Sidewalks

- (Applicable if existing sidewalks are being relocated) Use of the sidewalk shall not be blocked or obstructed, and a usable walkway shall be maintained across the construction area at all times.
- All damaged sections of the sidewalks shall be entirely replaced to match existing sections.

KENTUCKY TRANSPORTATION CABINET

Department of Highways

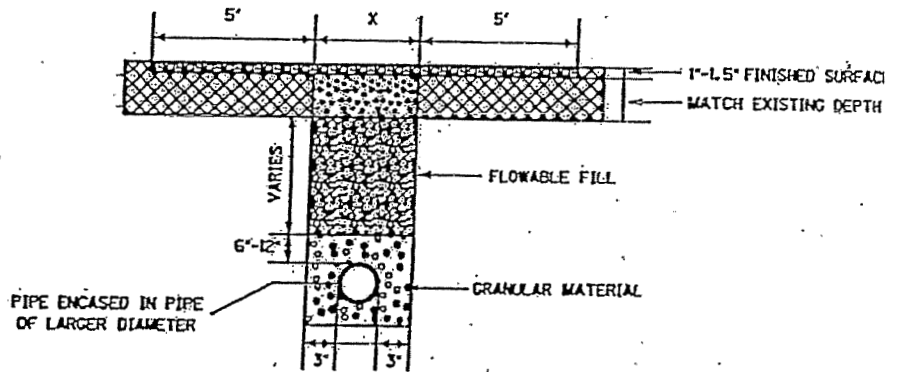
Permits Branch

Permit No. 06-0258-09

SURFACE RESTORATION METHODS

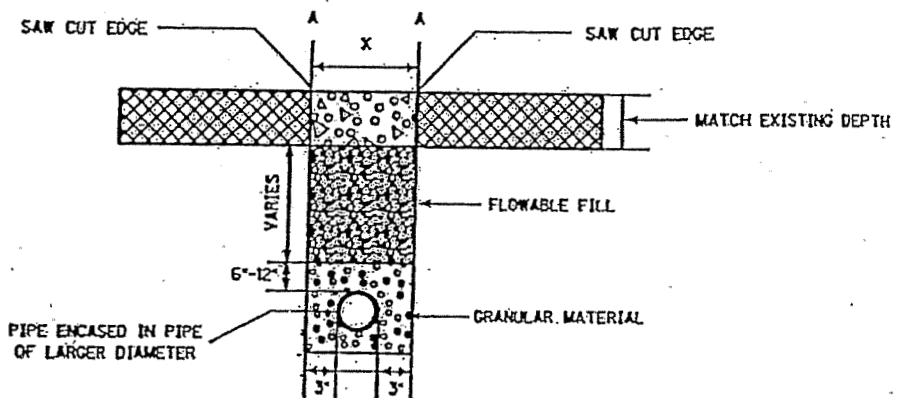
Bituminous Surfacing

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



Concrete Pavement

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



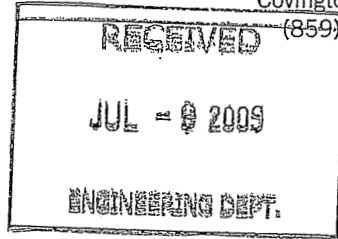


TRANSPORTATION CABINET

Steven L. Beshear
Governor

Department of Highways District 6 Office
421 Buttermilk Pike
P.O. Box 17130
Covington, KY 41017
(859) 341-2700

Joseph W. Prather
Secretary



June 29, 2009

SUBJECT: Campbell County, -19-471-1.745
I 471 (I-471)
Permit Number 06-0257-09

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 July 1, 2010. When the permitted work and any necessary restoration have been completed please notify this office by using the attached form which will serve as notification for final inspection.

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

Sincerely,

Robert Mans, P.E.
Chief District Engineer
Department of Highways
District 6 -Covington
P.O. Box 17130
Covington, KY 41017



NOTICE OF COMPLETION OF ENCROACHMENT PERMIT WORK

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

Applicant Identification

Project Identification

Name: NORTHERN KENTUCKY WATER SERVICE Permit Number: 06-0257-09

Contact Person:

County: Campbell

Address: P.O. BOX 17010

Route Number: 471

City: COVINGTON

Road Name: I-471

State: KY Zip: 41017

Milepoint: 1.745

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:

James A. Minckley, P.E.

KENTUCKY TRANSPORTATION CABINET
Department of Highways
Permits Branch

TC 99-1E
Rev. 10/01

Released Date _____

ENCROACHMENT PERMIT

PERMIT NO. 06-0257-09

APPLICANT IDENTIFICATION: NAME: <u>Northern Kentucky Water District</u> CONTACT PERSON: <u>Steve Broering</u> ADDRESS: <u>2835 Crescent Springs Road</u> CITY: <u>Erlanger</u> STATE: <u>KY</u> ZIP CODE: <u>41018</u> PHONE: area code (<u>859</u>) <u>426-2728</u>	PROJECT IDENTIFICATION: ACCESS CONTROL: <input checked="" type="checkbox"/> By Permit <input type="checkbox"/> Partial <input checked="" type="checkbox"/> Full COUNTY: <u>Campbell</u> PRIORITY ROUTE NO: <u>I-471</u> MILEPOINT: <u>1.745</u> <input type="checkbox"/> Left <input type="checkbox"/> Right <input checked="" type="checkbox"/> X-ing PROJECT STATUS: <input checked="" type="checkbox"/> Maint. <input type="checkbox"/> Const. <input type="checkbox"/> Design PROJECT # STATE: <u>MP-019-I-471</u> PROJECT # FEDERAL: _____ ROAD/STREET NAME: <u>I-471</u>
---	--

TYPE OF ENCROACHMENT:

COMMERCIAL ENTRANCE - BUSINESS _____

PRIVATE ENTRANCE: Single Family Farm

UTILITY: Overhead Underground

GRADE: Fill Landscape on R/W

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 (Ponding Encroachment Specs. and Conditions)

TC 99-4 (Rest Area Usage Specs. and Conditions)

TC 99-5 (Tree Cutting/Trimming Specs. and Conditions)

TC 99-6 (Chemical Use of Specs. and Conditions)

TC 99-10 (Typical Highway Boring Crossing Detail)

TC 99-12 (Overhead Utility Encroachment Diagram)

TC 99-13 (Surface Restoration Methods)

TC 99-21 (Encroachment Permit General Notes and Specs.)

TC 99-22 (Agreement for Services to be Performed)

TC 99-23 (Mass Transit Shelter Specs. and Conditions)

Other Attachments (Specify): _____

TYPE OF INDEMNITY: Bond Cash

SELF-INSURED AMOUNT ENCUMBERED \$ 20,000.00

OTHER _____

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

APPROVED JUN 29 2009

IDEMNITY: 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 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.

New Construction - Installation of a 42" Class 51 ductile iron water main along Mook Road and U.S. 27. Construction will include 2 bore/jack procedures and filling in of a low area with spoils near the intersection of U.S. 27 and the Southbound ramp to I-471. Restoration will be topsoil, asphalt and concrete restoration. A minimum of one lane will be milled and paved in certain parts of the project.

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

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

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

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

Permit No. 06-0257-09

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 Permits Manual as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.
2. Permittee agrees that if the Department determines that vehicular capacity deficiencies or over capacity conditions develop as a result of the installation and use of this facility, the permittee shall adjust, relocate, or reconstruct the facilities and/or provide and bear the expenses for signs, auxiliary lanes, or other corrective measures reasonably deemed necessary by the Department and as set forth in the Department's Permit Manual within a reasonable length of time after receipt of written notice regarding such adjustments, relocation, additions, modifications, 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(s) shall be borne by the permittee and/or the Department in accordance with Department policy then in force as set forth in the Traffic Manual. Any modifications to the permittee's entrance necessary to accommodate signalization (including necessary easement(s) on private property) shall be the responsibility of the permittee, at no expense to the Department. (This applies only to Entrance Permits.)
3. The said encroachment will not infringe on the frontage rights of an abutting owner without written consent of the said owner as hereto: "I(we) consent to the granting of attached permit."
Date _____ (This does not apply to utilities which serve the general public.)
4. Any permit granted hereunder shall be with the full understanding that it shall not interfere with any similar rights or permits heretofore granted to any other party except as otherwise provided by law.
5. A plan prepared by Viox & Viox and dated February 04, 2008 is attached hereto and made a part hereof, which describes the facilities to be constructed by the permittee for which facilities this permit is granted. The permittee agrees as a condition to the issuance of the permit to construct and maintain such facilities in accordance with said plan, and the permittee shall not use the facilities authorized herein in any manner contrary to that prescribed by this permit and plan. Normal usage and routine maintenance only are authorized under this permit.
6. Permittee shall comply with the Manual on Uniform Traffic Control Devices as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.
7. Permittee shall at all times from date when work is first commenced and until such time as all facilities are removed from the right-of-way premise, defend, protect, and save harmless the Department from all liability, claims, and demands arising out of work undertaken by the permittee pursuant to this permit, due to any negligent act or omission by the permittee, its servants, agents, employees, or contractors. This provision shall not inure to the benefit of any third party or operate to enlarge any liability of the Department beyond that existing at common law if this right to indemnity did not exist.
8. Upon a violation of any of the provisions of this permit, the Department may revoke the permit by giving notice to the permittee in writing to remove from the right-of-way any facilities placed thereon within a reasonable time as set forth in the notice, and in the event said facilities are not so removed, and the right-of-way restored the Department may cause same to be removed, and the costs thereof shall be charged to the permittee.
9. The permittee, his successors and assigns shall use the encroachment premises in compliance with all Federal requirements imposed pursuant to the provisions of the Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000-1) and regulations of the U.S. Department of Transportation as set forth in Title 49 C.F.R., Part 21, and as said regulations may be amended.
10. Permittee agrees that in the event it should become necessary, as may be reasonably determined by the Department, for the facilities covered by this permit to be removed or relocated in connection with the reconstruction, relocation, or improvement of the abutting highway, the Department may revoke this permit and require removal or relocation by the permittee at his own expense according and pursuant to the procedures provided in Paragraph 8 above except in those cases where the Department is required by law to pay any or all the same.
11. The permittee understands and agrees that this permit is personal to the permittee and shall not inure to his successors and assigns without the written approval of the Department that he is bound by the provisions of this permit as long as the encroachment exists unless a written release has been obtained from the Department. (Does not apply to utilities serving the general public.)
12. If the work authorized by this permit is on a project in the construction phase, it shall be the responsibility of the permittee to make personal contact with _____ Resident Engineer on the project to coordinate the permitted work with the State's prime contractor on the project.
13. This permit does not alleviate any requirements of any other government agency.
14. Permittee agrees to keep the priority route in which this permit was issued clear of dirt, mud, and debris during construction and for the life of this permit.

ANY ATTEMPT TO ALTER THIS FORM CONSTITUTES A VOID PERMIT.

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

January 1st, 20 09 July 1st, 20 09 January 22 2000 _____ Steve Brown
Completion Date Date Signature

RECOMMENDED FOR APPROVAL _____ Reed _____ 6/15/09
Title Signature Chief District Engineer Date

PRIVATE ENTRANCE: TO BE COMPLETED BY PERSONNEL INSTALLING FACILITY.

Installed By: _____ _____ _____ _____
Title Signature Date

ANY ATTEMPT TO ALTER THIS FORM CONSTITUTES A VOID PERMIT.



ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

Permit No. 06-0259-09

I. SAFETY

A. General Provisions

- All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition, Part VI, and safety requirements shall comply with the Permits Manual.
- All work necessary in shoulder or ditch line areas of a state highway shall be scheduled to be promptly completed so that hazards adjacent to the traveled way are kept to an absolute minimum.
- No more than one (1) traveled-lane shall be blocked or obstructed during normal working hours. All signs and flaggers during lane closure shall conform to the Manual on Uniform Traffic Control Devices.
- When necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes shall be blocked or obstructed during adverse weather conditions (rain, snow, fog, etc.) without specific permission from the Department. Working hours shall be between 8:00 a.m and 4:30 p.m
- The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility.
- No nonconstruction equipment or vehicles or office trailers shall be allowed on the right of way during working hours.
- The right of way shall be left free and clear of equipment, material, and vehicles during non-working hours.

B. Explosives

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

C. Other Safety Requirements

II. UTILITIES * Applies to Fully Controlled Access Highways ONLY

- *All work necessary within the right of way shall be performed behind a temporary fence erected prior to a boring operation.
- *The temporary woven wire fence shall be removed immediately upon completion of work on the right of way, and the control of access immediately restored to original condition, in accordance with applicable Kentucky Department of Highways Standard Drawings.
- *All vents, valves, manholes, etc., shall be located outside of the right-of-way.
- *Encasement pipe shall extend from right-of-way line to right-of-way line and shall be one continuous run of pipe. The encasement pipe shall be welded at all joints.
- The boring pit and tail ditch shall extend past the existing toe of slope or bottom of ditch line and shall be a minimum of 42 inches deep.

Permit No. 06-0257-09

II UTILITIES (Continued)

- 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 30-inch cover above top of pipe or conduit.
- All pavement cuts shall be restored per Kentucky Transportation Cabinet form TC 99-13.
- Aerial crossing of this utility line shall have a minimum clearance of _____ feet from the high point of the roadway to the low point of the line (calculated at the coefficient for expansion of 120 degrees Fahrenheit).
- The 30-foot clear zone requirement shall be met to the extent possible in accordance with the Permits Manual.
- Special requirements:

III GENERAL

A. OSHA

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

B. Archaeological

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

C. Utilities in the Work Areas

- The permittee shall be responsible for any damage to existing utilities, and any utility modifications or relocations within state right of way necessary, as determined by the Department or by the owner of the utility, shall be at the expense of the permittee and subject to the approval of the Department.
- All existing manholes and valve boxes shall be adjusted to be flush with finished grade.

D. Environmental

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

Websites

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

Inspectors for KPDES KYR10 at www.KEPSC.org

IV. RIGHT OF WAY RESTORATION

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

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

- Two tons of clean straw mulch per acre of seeding.
- Prior to seeding, the ground shall be prepared in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- Substitutes for sod such as artificial turf, rocked mulch, or paved areas may be acceptable if they are aesthetically pleasing.
- All ditch-flow lines and all ditch-side slopes shall be sodded.
- Existing concrete right of way markers shall not be disturbed, but if damaged in any way, they shall be entirely replaced by the permittee, with new concrete markers to match the original markers, in accordance with Kentucky Department of Highways Standard Drawings. Markers that are entirely removed shall be re-established in the proper locations by the permittee and to the satisfaction of the Department.
- Other right of way restoration requirements are as follows:

V. DRAINAGE

- All pipe shall be laid in a straight alignment, to proper grades, and with all materials and methods of installation including bedding and joint seating in accordance with Department Standard Specifications for Road and Bridge Construction (latest edition). Pipe shall not be covered until inspected by the Department and express permission obtained to make backfill.
- All gutter lines at the base of new curbs shall be on continuous grades, and pockets of water along with curbs or in entrance areas or other paved areas within the right of way shall not be acceptable.
- All drainage structures and appurtenances (manholes, catch basins, curbing, inlet basins, etc.) shall conform to Department specifications and shall be constructed in accordance with the Department Standard Drawings. Type required:

Permit No. 06-0257-09

TC 99-21E
01/2008
Page 5 of 6

VIII. DENSE-GRADED SHOULDERS

- Any existing dense-graded aggregate shoulders in the entire frontage within the construction area, which have been disturbed or damaged or on which dirt has been placed or mud has been deposited or tracked, shall be restored to original condition by removal of all contaminated material and replaced to proper grade with new dense-graded aggregate.
- All new aggregate shoulders as specified in the plan shall consist of 5 inches of compacted dense-graded aggregate, $2^{1/2}$ pounds per square yard of calcium chloride.
- All dense-graded aggregate shoulders shall slope away from the new edge of pavement at the rate of $3/4$ inch per foot.

IX. CURBING

A. Bituminous Curbs

- Bituminous concrete curbs shall be given a paint coat of asphalt emulsion.
- The surface under the bituminous concrete curb shall be tacked with asphalt emulsion.
- All bituminous concrete curbs shall be constructed of a Class I bituminous concrete mixture as specified by official Department of Highways specifications.
- All bituminous curbs shall be rolled curb, with a minimum base width of 8 inches and a minimum height of _____ inches. The top of the curb shall be constructed in such a manner as to guarantee a uniform rolled effect throughout the entire run.

B. Concrete Curbs

- All curbs or curb and gutter shall be constructed of Class A concrete (3,500 p.s.i. test) and shall be uniform in height, width, and alignment, true to grade, and satisfactory in finish and appearance as determined by the Department. All materials and methods of construction, including curing, shall be in accordance with Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- All concrete curbs shall be 6 inches in width, extend _____ inches above finished grade and 12 inches below finished grade, with all visible edge rounded to $1/2$ inch radii.
- All concrete curbs shall have expansion joints constructed at intervals of not more than 30 feet, and $1/2$ inch premolded expansion joint material (cut to conform to the curb or to the curb and gutter section) shall be used in each expansion joint.
- The last _____ feet of all concrete curbs are to be tapered down to finished grade.

Permit No. 06-02 57-09

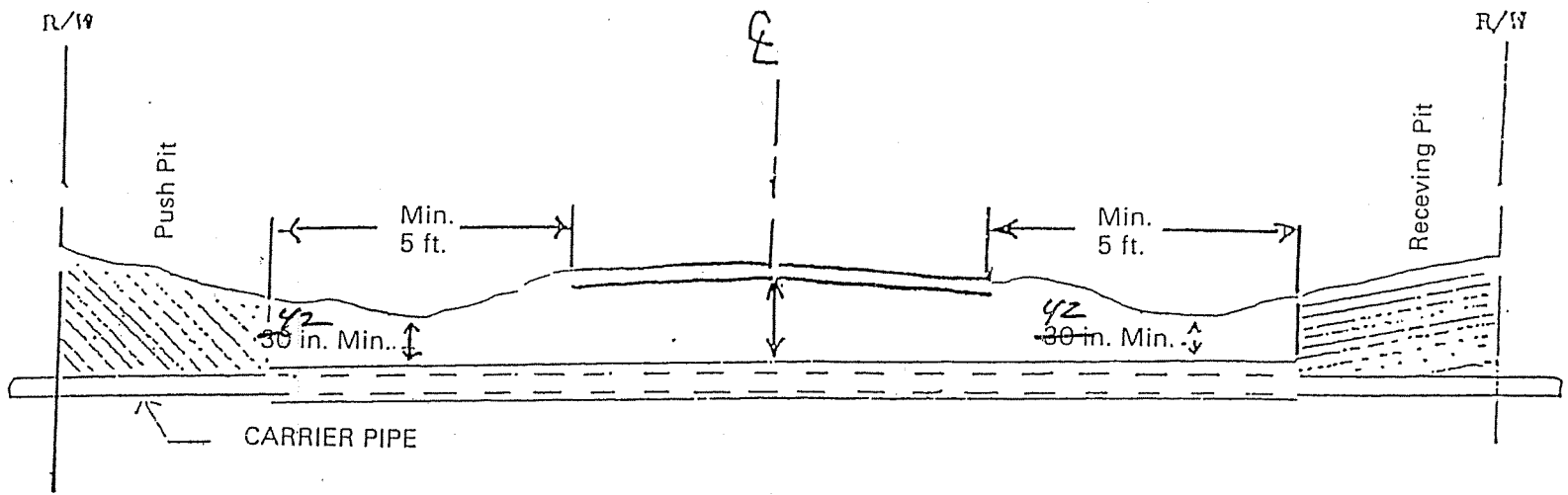
RIGHT-OF-WAY FENCE REPLACEMENT

- The replacement fence shall be a height of at least 48 inches and shall be of sufficient density to contain all animals (if applicable).
- The replacement fence shall be a minimum of 1 foot and a maximum of 2 feet 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 the 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 BY THE PERMITTEE TO CONFORM WITH THE APPROVED PLANS.

Permit No. 06-0257-09
 Route No. I-471
 Pavement Width 24'



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

TYPICAL HIGHWAY BORING CROSSING DETAIL

KENTUCKY TRANSPORTATION CABINET
 Department of Highways
 Permits Branch

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

TC 99-10
 Rev. 2/95

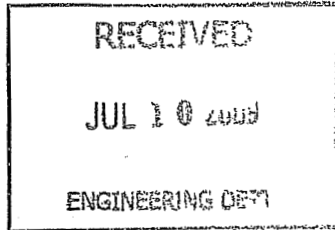


TRANSPORTATION CABINET

Steven L. Beshear
Governor

Department of Highways District 6 Office
421 Buttermilk Pike
P.O. Box 17130
Covington, KY 41017
(859) 341-2700

Joseph W. Prather
Secretary



July 9, 2009

SUBJECT: Campbell County, -19-27-18.93
US 27 (ALEXANDRIA PIKE)
Permit Number 06-0299-09

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 July 1, 2010. 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,

Robert Hans, P.E. for
Chief District Engineer
Department of Highways
District 6 -Covington
P.O. Box 17130
Covington, KY 41017



NOTICE OF COMPLETION OF ENCROACHMENT PERMIT WORK

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

Applicant Identification

Project Identification

Name: NORTHERN KENTUCKY WATER SERVICE Permit Number: 06-0299-09

Contact Person:

County: Campbell

Address: P.O. BOX 17010

Route Number: 27

City: COVINGTON

Road Name: ALEXANDRIA PIKE

State: KY Zip: 41017

Milepoint: 18.93

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

KENTUCKY TRANSPORTATION CABINET
Department of Highways
Permits Branch

TC 99-1E
Rev. 10/01

Released Date _____

ENCROACHMENT PERMIT

PERMIT NO. 06-0299-09

<p>APPLICANT IDENTIFICATION:</p> <p>NAME: <u>Northern Kentucky Water District</u></p> <p>CONTACT PERSON: <u>Steve Broering</u></p> <p>ADDRESS: <u>2835 Crescent Springs Road</u></p> <p>CITY: <u>Erlanger</u></p> <p>STATE: <u>KY</u> ZIP CODE: <u>41018</u></p> <p>PHONE: area code (<u>859</u>) <u>426-2728</u></p>	<p>PROJECT IDENTIFICATION:</p> <p>ACCESS CONTROL: <input checked="" type="checkbox"/> By Permit <input type="checkbox"/> Partial <input type="checkbox"/> Full</p> <p>COUNTY: <u>Campbell</u> PRIORITY ROUTE NO: <u>US 27</u></p> <p>MILEPOINT: <u>*</u> <input type="checkbox"/> Left <input checked="" type="checkbox"/> Right <input type="checkbox"/> X-ing</p> <p>PROJECT STATUS: <input checked="" type="checkbox"/> Maint. <input type="checkbox"/> Const. <input type="checkbox"/> Design</p> <p>PROJECT # STATE: <u>MP-019-0077</u></p> <p>PROJECT # FEDERAL: _____</p> <p>ROAD/STREET NAME: <u>ALEXANDRIA PIKE</u></p>
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<p>TYPE OF ENCROACHMENT:</p> <p><input type="checkbox"/> COMMERCIAL ENTRANCE - BUSINESS _____</p> <p><input type="checkbox"/> PRIVATE ENTRANCE: <input type="checkbox"/> Single Family <input type="checkbox"/> Farm</p> <p><input checked="" type="checkbox"/> UTILITY: <input type="checkbox"/> Overhead <input checked="" type="checkbox"/> Underground</p> <p><input type="checkbox"/> GRADE: <input type="checkbox"/> Fill <input type="checkbox"/> Landscape on R/W</p> <p><input type="checkbox"/> AIRSPACE: <input type="checkbox"/> Agreement <input type="checkbox"/> Lease</p> <p><input type="checkbox"/> OTHER: (Specify) _____</p>	<p>ATTACHMENTS:</p> <p><input type="checkbox"/> Standard Drawings (List on TC 99-21 under Misc.)</p> <p><input checked="" type="checkbox"/> Applicant's Plans</p> <p><input type="checkbox"/> Highway Plan and Profile Sheets</p> <p><input type="checkbox"/> TC 99-3 (Ponding Encroachment Specs. and Conditions)</p> <p><input type="checkbox"/> TC 99-4 (Rest Area Usage Specs. and Conditions)</p> <p><input type="checkbox"/> TC 99-5 (Tree Cutting/Trimming Specs. and Conditions)</p> <p><input type="checkbox"/> TC 99-6 (Chemical Use of Specs. and Conditions)</p> <p><input type="checkbox"/> TC 99-10 (Typical Highway Boring Crossing Detail)</p> <p><input type="checkbox"/> TC 99-12 (Overhead Utility Encroachment Diagram)</p> <p><input checked="" type="checkbox"/> TC 99-13 (Surface Restoration Methods)</p> <p><input checked="" type="checkbox"/> TC 99-21 (Encroachment Permit General Notes and Specs.)</p> <p><input type="checkbox"/> TC 99-22 (Agreement for Services to be Performed)</p> <p><input type="checkbox"/> TC 99-23 (Mass Transit Shelter Specs. and Conditions)</p> <p><input type="checkbox"/> Other Attachments (Specify): _____</p>
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<p>TYPE OF INDEMNITY: <input type="checkbox"/> Bond <input type="checkbox"/> Cash</p> <p><input checked="" type="checkbox"/> SELF-INSURED AMOUNT ENCUMBERED \$ <u>25,000.00</u></p> <p><input type="checkbox"/> OTHER _____</p>

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

APPROVED JUL 09 2009

IDEMNITY: 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 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.

New Construction - Installation of a 42" Class 51 ductile iron water main along Mook Road and U.S. 27. Construction will include 2 bore/jack procedures and filling in of a low area with spoils near the intersection of U.S. 27 and the Southbound ramp to I-471. Restoration will be topsoil, asphalt and concrete restoration. A minimum of one lane will be milled and paved in certain parts of the project.

A.M.P. - 18.930-19.552

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

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

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

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

Permit No. 06-0299-09

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 Permits Manual as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.
2. Permittee agrees that if the Department determines that vehicular capacity deficiencies or over capacity conditions develop as a result of the installation and use of this facility, the permittee shall adjust, relocate, or reconstruct the facilities and/or provide and bear the expenses for signs, auxiliary lanes, or other corrective measures reasonably deemed necessary by the Department and as set forth in the Department's Permit Manual within a reasonable length of time after receipt of written notice regarding such adjustments, relocation, additions, modifications, 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(s) shall be borne by the permittee and/or the Department in accordance with Department policy then in force as set forth in the Traffic Manual. Any modifications to the permittee's entrance necessary to accommodate signalization (including necessary easement(s) on private property) shall be the responsibility of the permittee, at no expense to the Department. (This applies only to Entrance Permits.)
3. The said encroachment will not infringe on the frontage rights of an abutting owner without written consent of the said owner as hereto: "I(we) consent to the granting of attached permit." _____
Date _____ (This does not apply to utilities which serve the general public.)
4. Any permit granted hereunder shall be with the full understanding that it shall not interfere with any similar rights or permits heretofore granted to any other party except as otherwise provided by law.
5. A plan prepared by Viox & Viox and dated February 04, 2008 is attached hereto and made a part hereof, which describes the facilities to be constructed by the permittee for which facilities this permit is granted. The permittee agrees as a condition to the issuance of the permit to construct and maintain such facilities in accordance with said plan, and the permittee shall not use the facilities authorized herein in any manner contrary to that prescribed by this permit and plan. Normal usage and routine maintenance only are authorized under this permit.
6. Permittee shall comply with the Manual on Uniform Traffic Control Devices as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.
7. Permittee shall at all times from date when work is first commenced and until such time as all facilities are removed from the right-of-way premise, defend, protect, and save harmless the Department from all liability, claims, and demands arising out of work undertaken by the permittee pursuant to this permit, due to any negligent act or omission by the permittee, its servants, agents, employees, or contractors. This provision shall not inure to the benefit of any third party or operate to enlarge any liability of the Department beyond that existing at common law if this right to indemnity did not exist.
8. Upon a violation of any of the provisions of this permit, the Department may revoke the permit by giving notice to the permittee in writing to remove from the right-of-way any facilities placed thereon within a reasonable time as set forth in the notice, and in the event said facilities are not so removed, and the right-of-way restored the Department may cause same to be removed, and the costs thereof shall be charged to the permittee.
9. The permittee, his successors and assigns shall use the encroachment premises in compliance with all Federal requirements imposed pursuant to the provisions of the Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000-1) and regulations of the U.S. Department of Transportation as set forth in Title 49 C.F.R., Part 21, and as said regulations may be amended.
10. Permittee agrees that in the event it should become necessary, as may be reasonably determined by the Department, for the facilities covered by this permit to be removed or relocated in connection with the reconstruction, relocation, or improvement of the abutting highway, the Department may revoke this permit and require removal or relocation by the permittee at his own expense according and pursuant to the procedures provided in Paragraph 8 above except in those cases where the Department is required by law to pay any or all the same.
11. The permittee understands and agrees that this permit is personal to the permittee and shall not inure to his successors and assigns without the written approval of the Department that he is bound by the provisions of this permit as long as the encroachment exists unless a written release has been obtained from the Department. (Does not apply to utilities serving the general public.)
12. If the work authorized by this permit is on a project in the construction phase, it shall be the responsibility of the permittee to make personal contact with _____ Resident Engineer on the project to coordinate the permitted work with the State's prime contractor on the project.
13. This permit does not alleviate any requirements of any other government agency.
14. Permittee agrees to keep the priority route in which this permit was issued clear of dirt, mud, and debris during construction and for the life of this permit.

ANY ATTEMPT TO ALTER THIS FORM CONSTITUTES A VOID PERMIT.

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

January 1st, 20 09
 July 1st, 2009
 _____ January 22, 2009
 _____ Steve Brown

 Completion Date Date Signature

RECOMMENDED FOR APPROVAL MLA

 Title Signature Title Date

PRIVATE ENTRANCE: TO BE COMPLETED BY PERSONNEL INSTALLING FACILITY.

Installed By: _____

 Title Signature Date

ANY ATTEMPT TO ALTER THIS FORM CONSTITUTES A VOID PERMIT.



ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

Permit No. 06-0299-09

I. SAFETY

A. General Provisions

- All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition, Part VI, and safety requirements shall comply with the Permits Manual.
- All work necessary in shoulder or ditch line areas of a state highway shall be scheduled to be promptly completed so that hazards adjacent to the traveled way are kept to an absolute minimum.
- No more than one (1) traveled-lane shall be blocked or obstructed during normal working hours. All signs and flaggers during lane closure shall conform to the Manual on Uniform Traffic Control Devices.
- When necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes shall be blocked or obstructed during adverse weather conditions (rain, snow, fog, etc.) without specific permission from the Department. Working hours shall be between 9:00 a.m. and 4:30 p.m.
- The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility.
- No nonconstruction equipment or vehicles or office trailers shall be allowed on the right of way during working hours.
- The right of way shall be left free and clear of equipment, material, and vehicles during non-working hours.

B. Explosives

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

C. Other Safety Requirements

II. UTILITIES * Applies to Fully Controlled Access Highways ONLY

- *All work necessary within the right of way shall be performed behind a temporary fence erected prior to a boring operation.
- *The temporary woven wire fence shall be removed immediately upon completion of work on the right of way, and the control of access immediately restored to original condition, in accordance with applicable Kentucky Department of Highways Standard Drawings.
- *All vents, valves, manholes, etc., shall be located outside of the right-of-way.
- *Encasement pipe shall extend from right-of-way line to right-of-way line and shall be one continuous run of pipe. The encasement pipe shall be welded at all joints.
- The boring pit and tail ditch shall extend past the existing toe of slope or bottom of ditch line and shall be a minimum of 42 inches deep.

Permit No. 06-0299-09

II. UTILITIES (Continued)

- 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 30-inch cover above top of pipe or conduit.
- All pavement cuts shall be restored per Kentucky Transportation Cabinet form TC 99-13.
- Aerial crossing of this utility line shall have a minimum clearance of _____ feet from the high point of the roadway to the low point of the line (calculated at the coefficient for expansion of 120 degrees Fahrenheit).
- The 30-foot clear zone requirement shall be met to the extent possible in accordance with the Permits Manual.
- Special requirements:

Any pipe laid under pavement will require flowable fill backfill, mill and overlay of pavement.

III. GENERAL

A. OSHA

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

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

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- The permittee shall be responsible for any damage to existing utilities, and any utility modifications or relocations within state right of way necessary, as determined by the Department or by the owner of the utility, shall be at the expense of the permittee and subject to the approval of the Department.
- All existing manholes and valve boxes shall be adjusted to be flush with finished grade.

D. Environmental

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

Websites

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

Inspectors for KPDES KYR10 at www.KEPSC.org

Permit No. 06-0299-09

IV. RIGHT OF WAY RESTORATION

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

Lawn or High Maintenance Situation	70% Lawn Fescue (e.g., variety - Falcon) 30% Bluegrass or 70% Lawn Rye (e.g., variety - Derby) 30% Bluegrass
------------------------------------	---

Right of Way Lawn Maintenance Situation	70% KY 31 Fescue 30% Perennial Rye Grass or 100% KY Fescue
---	--

- Two tons of clean straw mulch per acre of seeding.
- Prior to seeding, the ground shall be prepared in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- Substitutes for sod such as artificial turf, rocked mulch, or paved areas may be acceptable if they are aesthetically pleasing.
- All ditch-flow lines and all ditch-side slopes shall be sodded.
- Existing concrete right of way markers shall not be disturbed, but if damaged in any way, they shall be entirely replaced by the permittee, with new concrete markers to match the original markers, in accordance with Kentucky Department of Highways Standard Drawings. Markers that are entirely removed shall be re-established in the proper locations by the permittee and to the satisfaction of the Department.

Other right of way restoration requirements are as follows:

V. DRAINAGE

- All pipe shall be laid in a straight alignment, to proper grades, and with all materials and methods of installation including bedding and joint seating in accordance with Department Standard Specifications for Road and Bridge Construction (latest edition). Pipe shall not be covered until inspected by the Department and express permission obtained to make backfill.
- All gutter lines at the base of new curbs shall be on continuous grades, and pockets of water along with curbs or in entrance areas or other paved areas within the right of way shall not be acceptable.
- All drainage structures and appurtenances (manholes, catch basins, curbing, inlet basins, etc.) shall conform to Department specifications and shall be constructed in accordance with the Department Standard Drawings. Type required:

Permit No. 06-0299-89

VI. Paving

- No bituminous pavement shall be installed within the right of way between November 15 and April 1, nor when the temperature is below 40 degrees Farenheit, without the express consent of the Department. No bituminous pavement shall be installed when the underlying course is wet.
- Paving within the right of way shall be as follows:
 - Base (Type) Flowable fill (Thickness) Varies
 - Surface Base (Type) Bit. Base (Thickness) match existing (9" min)
 - Finished Surface (Type) Bit. Surface (Thickness) 1.5' mill & overlay
- Existing pavement and shoulder material shall be removed to accomodate the above paving specifications.
- The finished surface of all new pavement within the right of way shall be true to the required slope and grade, uniform in density and texture, free of irregularities, and equivalent in riding qualities to the adjacent highway pavement or as determined by the Department of Highways.
- All materials and methods of construction, including base and subgrade preparation, shall be in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- 24 hours notice to the Department is required prior to beginning paving operations.
Phone: 859-341-2700 Name: Mark Brannon
- To ensure proper surface drainage, the new pavement shall be flush with the edge of existing highway pavement and shall slope away from the existing edge of the pavement as specified in drawings.
- Existing edge of pavement shall be saw-cut to provide a straight and uniform joint for new pavement. An approved joint sealer, in accordance with Kentucky Department of Highways Standard Specifications (latest edition), shall be applied between new and existing pavements.

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

A. New Sidewalks

- Sidewalks shall be constructed of Class A concrete (3,500 p.s.i. test), shall be *_____ feet in width, 6 inches in thickness across the bituminous entrance, and 4 inches in thickness across the remaining sections.
- Sidewalks shall have tooled joints not less than 1 inch in depth at four foot intervals*, and 1/2 premolded expansion joints extending entirely through the sidewalk at intervals not to exceed 50 feet.
- All materials and methods of construction, including curing, shall be in accordance with the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

B. Existing Sidewalks

- (Applicable if existing sidewalks are being relocated) Use of the sidewalk shall not be blocked or obstructed, and a usable walkway shall be maintained across the construction area at all times.
- All damaged sections of the sidewalks shall be entirely replaced to match existing sections.

VIII. DENSE GRADED SHOULDERS

- Any existing dense-graded aggregate shoulders in the entire frontage within the construction area, which have been disturbed or damaged or on which dirt has been placed or mud has been deposited or tracked, shall be restored to original condition by removal of all contaminated material and replaced to proper grade with new dense-graded aggregate.
- All new aggregate shoulders as specified in the plan shall consist of 5 inches of compacted dense-graded aggregate, 2^{1/2} pounds per square yard of calcium chloride.
- All dense-graded aggregate shoulders shall slope away from the new edge of pavement at the rate of 3/4 inch per foot.

IX. CURBING

A. Bituminous Curbs

- Bituminous concrete curbs shall be given a paint coat of asphalt emulsion.
- The surface under the bituminous concrete curb shall be tacked with asphalt emulsion.
- All bituminous concrete curbs shall be constructed of a Class I bituminous concrete mixture as specified by official Department of Highways specifications.
- All bituminous curbs shall be rolled curb, with a minimum base width of 8 inches and a minimum height of _____ inches. The top of the curb shall be constructed in such a manner as to guarantee a uniform rolled effect throughout the entire run.

B. Concrete Curbs

- All curbs or curb and gutter shall be constructed of Class A concrete (3,500 p.s.i. test) and shall be uniform in height, width, and alignment, true to grade, and satisfactory in finish and appearance as determined by the Department. All materials and methods of construction, including curing, shall be in accordance with Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- All concrete curbs shall be 6 inches in width, extend _____ inches above finished grade and 12 inches below finished grade, with all visible edge rounded to 1/2 inch radii.
- All concrete curbs shall have expansion joints constructed at intervals of not more than 30 feet, and 1/2 inch premolded expansion joint material (cut to conform to the curb or to the curb and gutter section) shall be used in each expansion joint.
- The last _____ feet of all concrete curbs are to be tapered down to finished grade.

KENTUCKY TRANSPORTATION CABINET

Department of Highways

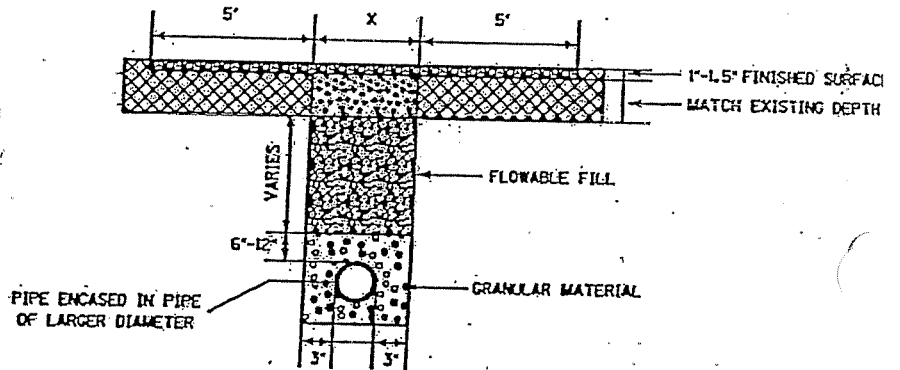
Permits Branch

Permit No. 06-0299-89

SURFACE RESTORATION METHODS

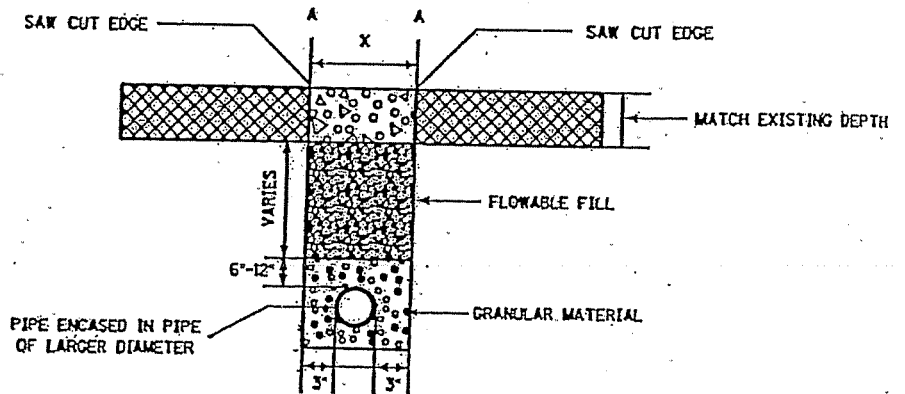
Bituminous Surfacing

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



Concrete Pavement

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



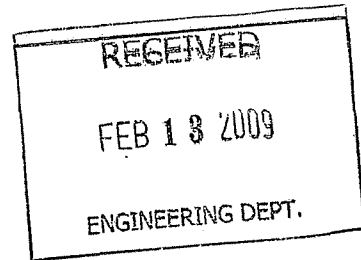


STEVEN L. BESHEAR
GOVERNOR

LEONARD K. PETERS
SECRETARY

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

February 11, 2009



Brandon L Kuper, Engineering Technician
Northern KY Water Service
2835 Crescent Springs Rd
Erlanger, KY 41018

RE: Northern KY Water Service
AI # 2485, APE20090001
PWSID # 0590220-09-001
42-in Water Main Mook Road and US 27
Southgate
Campbell County, KY

Dear Mr. Kuper:

We have reviewed the plans and specifications for the above referenced project. The plans include the construction of approximately 7,750 feet of 42-in DI water main. This is to advise that plans and specifications for the above referenced project are APPROVED with respect to sanitary features of design, as of this date with the requirements contained in the attached construction permit.

If you have any questions concerning this project, please contact Mr. Mike Riley, PE, at 502-564-8158 extension 4835.

Sincerely,

James M. (Mike) Riley, PE
Environmental Engineer II,
Engineering Section
Water Infrastructure Branch
Division of Water

JMR:JMR

Enclosures

C: Viox & Voix Inc
Campbell County Health Department
Public Service Commission

Distribution-Water Line Extension

Northern KY Water Service

Subject Item Inventory

Activity ID No.: APE20090001

Subject Item Inventory:

ID	Designation	Description
AIOO2485		
PORT188	WME	7,750 feet of 42-in DL water main

Subject Item Groups:

ID	Description	Components
GACT186	7,750 feet of 42-in DI water main	PORT188 7,750 feet of 42-in DL water main

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-Water Line Extension

Northern KY Water Service

Facility Requirements

Activity ID No.: APE20090001

GACT0000000186 (42 in Water Main Moock Road and US 27 southgate) 7,750 feet of 42-in DI water main:

Page 1 of 6

Monitoring Requirements:

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

Submittal/Action Requirements:

Coliform:

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

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

Distribution-Water Line Extension

Northern KY Water Service

Facility Requirements

Activity ID No.: APE20090001

GACT0000000186 (continued):

Narrative Requirements:

Additional Limitations:

Condition No.	Condition
T-1	Additional Limitations: Chlorinated water resulting from disinfection of project components shall be disposed in a manner which will not violate 401 KAR 5:031. [401 KAR 8:020 Section 2(20)]
T-2	This project has been permitted under the provisions of KRS Chapter 224 and regulations promulgated pursuant thereto. Issuance of this permit does not relieve the applicant from the responsibility of obtaining any other approvals, permits or licenses required by this Cabinet and other state, federal and local agencies. Further, this permit does not address the authority of the permittee to provide service to the area to be served. [401 KAR 8:100 Section 1(7)]
T-3	Unless construction of this project is begun within 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)]
T-4	Final approval of facility. Upon completion of construction, the person who presented the plans shall certify in writing that the project has been completed in accordance with the "approved" plans and specifications. The public water supply shall operate the facility consistent with the approved plans and specifications. Any proposed change to the approved plan shall be submitted to the cabinet for approval. The public water supply shall not implement any change to the approved plan without the prior written approval of the cabinet. [401 KAR 8:100 Section 401 KAR 8:100(1)(8)]
T-5	During construction, a set of approved plans and specification shall be available at the job site at all times. All work shall be performed in accordance with the approved plans and specifications. [401 KAR 8:100 Section 1(7)(a)]

Distribution-Water Line Extension

Northern KY Water Service

Facility Requirements

Activity ID No.: APE20090001

PORT0000000188 (WME) 7,750 feet of 42-in DL water main:

Page 3 of 6

Limitation Requirements:

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

Distribution-Water Line Extension

Northern KY Water Service
Facility Requirements

Activity ID No.: APE20090001

Page 4 of 6

PORT0000000188 (continued):

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 either<ol style="list-style-type: none">a) the the top of the water line is a vertical Distance \geq 18 in below the bottom of the sewer line orb) 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, and3) 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 25 ppm at the end of 24 hours. Follow the line disinfection with thorough flushing and place the lines into service if, and only if, Coliform monitoring applicable to the line does not show the presence of Coliform.</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>

Distribution-Water Line Extension

Northern KY Water Service

Facility Requirements

Activity ID No.: APE20090001

PORT0000000188 (continued):

Page 5 of 6

Limitation Requirements:

Condition No.	Parameter	Condition
L-12	Velocity	Each blow-off or fire hydrant shall be sized so that Velocity ≥ 2.5 ft/sec can be achieved in the water main served by the blow-off or hydrant during flushing. [Recommended Standards for Water Works 8.1:6.b, 401 KAR 8:100 Section 1(7)] This requirement is applicable during the following months: All Year. Statistical basis: Minimum.

Monitoring Requirements:

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

Narrative Requirements:

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]

Distribution-Water Line Extension

Northern KY Water Service,
Facility Requirements

Activity ID No.: APE20090001

Page 6 of 6

PORT0000000188 (continued):

Narrative Requirements:

Additional Limitations:

Condition No.	Condition
T-4	<p>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]</p>
T-5	<p>Additional Limitations: For each fire hydrant, auxiliary valves shall be installed in the hydrant lead pipe. [Recommended Standards for Water Works 8.3.3]</p>
T-6	<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-7	<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-8	<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-9	<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>

Case No. 200-_____
Exhibit _____ E _____

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Sources of Construction Funds

PROJECT GENERAL

PROJECT NOMENCLATURE:

NAME: 42" Water Main Project

DESIGNATION CODE: 184-076

FUNDING SOURCE: BAN 2007 \$400,000
BAN 2009 \$6,567,000

Note: blue cells are formulas and should be changed with caution.

PROJECT DESCRIPTION: New 42" water main from Ft. Thomas Treatment Plant to Mooock Road at Joe's Lake Road

AS CONSTRUCTED MAP NUMBER: _____

PROJECT INFORMATION AND BUDGET FOR ACCOUNTING

	DATE/ESTIMATED COST	PROJECTED TO COMPLETE	
NOTIFICATION OF FINANCE DIRECTOR DATE:			
DATE APPROVED BY COMMISSION FOR ENGR.:			
DATE APPROVED BY COMMISSION FOR CONST.:			
PSC SUBMITTAL DATE			
PSC APPROVAL DATE			
DATE APPROVED BY KY. DIV. WATER			
KDOT/LOCAL PERMITS AS REQUIRED			
OUTSIDE AGENCY PARTICIPATING			
O.A. PARTICIPATION AMOUNT (approx.)	\$0.00		
BOARD APPROVED/TOTAL COST TO FUNDING	\$6,967,000.00	\$2,898,155.28	Excludes labor and interest

PROJECT BUDGET FOR ENGINEERING

	ESTIMATED COST	PROJECTED TO COMPLETE	ACTUAL COST TO DATE
ARCHITECTURAL	\$0.00	\$0.00	\$0.00
GEOTECHNICAL COST (DESIGN/CONSTR)	\$16,455.00	\$27,313.66	\$27,313.66
ENGINEERING DESIGN PHASE	\$35,095.00	\$59,839.00	\$59,839.00
ENGINEERING CONSTRUCTION PHASE	\$0.00	\$0.00	\$0.00
PROJECT LENGTH	7,750		1
AVERAGE COST PER FOOT BASED ON BID	\$304.59		\$0.00
PROPERTY ACQUISITION/EASEMENT	\$0.00	\$0.00	\$0.00
BID/PAYMENTS TO CONTRACTOR	2,360,550.25	2,360,550.25	\$0.00
CHANGE ORDER COSTS		\$0.00	
SUBCONTACTORS PAID DIRECT	\$0.00	\$0.00	\$0.00
MISCELLANEOUS COSTS/CONTINGENCIES	\$236,055.03	\$200,452.37	\$1,856.80
MATERIALS SUPPLIED BY NKWD	\$250,000.00	\$250,000.00	\$0.00
TOTAL (EXCLUDES LABOR & INT.)	\$2,898,155.28	\$2,898,155.28	\$89,009.46

CONSTRUCTION INFORMATION

	PROJECTED	ACTUAL
ENGINEER		Viox & Viox
CONTRACTOR NAME		
START DATE:		
COMPLETION DATE:		
PROJECT MANAGER:		
INSPECTOR:		
IN SERVICE NOTICE TO CONTROLLER		
DEPRECIATION START DATE		

Case No. 200-_____
Exhibit _____ F _____

NORTHERN KENTUCKY WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

2009 Northern Kentucky Water District Annual Report for
Class-A and Class-B Water Districts

**CLASS A & B
WATER DISTRICTS AND ASSOCIATIONS**

ANNUAL REPORT

OF

Northern Kentucky Water District

2835 Crescent Springs Road, Erlanger, Kentucky 41018

TO THE

PUBLIC SERVICE COMMISSION

OF THE

COMMONWEALTH OF KENTUCKY

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

FOR THE CALENDAR YEAR ENDED DECEMBER 31, 2009

**KENTUCKY PUBLIC SERVICE COMMISSION
 REPORT OF GROSS OPERATING REVENUES DERIVED FROM INTRA-KENTUCKY
 BUSINESS FOR THE YEAR ENDING DECEMBER 31, 2008**

NORTHERN KENTUCKY WATER DISTRICT
 (Utility Reporting)

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

FEIN # (Federal Employer Identification Number)
 61-1311695

(DO NOT INCLUDE TAXES COLLECTED)

(1)	Gross Revenues of Electric Utility	\$	_____
(2)	Gross Revenues of Gas Utility	\$	_____
(3)	Gross Revenues of Water Utility	\$	<u>40,409,737</u>
(4)	Gross Revenues of Sewer Utility	\$	_____
(5)	Other Operating Revenues	\$	<u>1,780,386</u>
	*** TOTAL GROSS REVENUES.....	\$	<u>42,190,123</u>

OATH

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

Jack Bragg, CPA being duly sworn, states that being duly sworn, states that he/she is
Vice-President/CFO of the Northern Kentucky Water District that the above report of gross
 revenues is exact accordance with Northern Kentucky Water District , and that such
 books accurately show the gross revenues of: Northern Kentucky Water District, derived from
 Intra-Kentucky business for the calendar year ending December 31, 2008

 (Officer) VP/CFO

This the 30th day of March, 2009

 Notary Public Campbell Commission Expires
County

Checklist for the Annual Report for C Ware Companies
To be completed and returned with the annual report

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

Checklist for the Annual Report for C Ware Companies
To be completed and returned with the annual report

Page No.	Account No.	Page No.	Description	Yes	No	If no, explain why
10	400	27	agrees with Total Water Operating Revenue Col e	X		
10	401	28	agrees with Total 601-675, Col c	X		
10	408.1&408.2	25	agrees with Total Taxes Accrued 408-10-408.20	X		
11	427	25	agrees with Total Interest Accrued Col c	X		
11	Net Income Before Contribution	12	agrees with Balance Trans Inc Col c	X		
13	101	14	agrees with Total Water Plant Col f	X		
14	The analysis of water utility plant accounts cols c through k has been Completed			X		
27	The analysis of accumulated depreciation & amortization by primary accounts nas been completed			X		
20	186.1	26	agrees with 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, granchise 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		
28	The analysis of water utiltiy expense Cols c through k has been complete			X		
29	Schedule of Pumping and Purchased Water Statistics has been completed			X		
29	Total Col (d)	30	agrees with Line 4, Total Production & Purchased	X		
29	Total Col (e)	30	agrees with Line 13, Total Water Sales	X		
30	466 Total Gals	30	agrees with Line 11, Sales for Resale (466)	X		
	Oath page has been completed			X		

PUBLIC SERVICE COMMISSION OF KENTUCKY
PRINCIPAL PAYMENT AND INTEREST INFORMATION
FOR THE YEAR ENDING DECEMBER 31, 2008

1. Amount of Principle Payment during calender year \$ 5,890,852.78
2. Is Principal Current? Yes X No _____
3. Is Interest Current ? Yes X No _____
4. Has all long-term debt been approved by the Public Service Commission?
Yes X No _____ PSC Case No _____

SERVICES PERFORMED BY

INDEPENDENT CERTIFIED PUBLIC ACCOUNTANT ("CPA")

Are your financial statement examined by a Certified Public Accountant?

Yes X No _____

If yes, which service is performed?

Audit X _____

Compilation _____

Review _____

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

ADDITIONAL REQUESTED INFORMATION

Utility Name Norther Kentucky Water District

Contact Person Jack Bragg, Jr, CPA

Contact Person's E-Mail Address jbragg@nkywater.org

Utility's Web Address www.nkywater.org

PLEASE COMPLETE THE ABOVE INFORMATION, IF IT IS AVAILABLE.

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

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 requirements.

Case #	Date of Order	Item/Explanation	
96-234	8/26/1996	Merger of Campbell Co. Ky. Water District and Kenton Co. Water District No.1. Effective date of Merger 1/1/1997	
97-3	9/21/1997	Defeasance of the former Campbell Co. Ky. Water District Bonds Principal of the issue	\$9,630,000
92-482	3/14/1992	SubDistrict A a. Number of Customers as of 12-31-2008 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	562 \$60,449 \$1,197,173 \$609,157
94-409	1/26/1995	SubDistrict B a. Number of Customers as of 12-31-2008 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	284 \$63,263 \$715,874 \$19,451
95-582	2/8/1996	SubDistrict R a. Number of Customers as of 12-31-2008 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	240 \$53,061 \$654,401 \$4,843,083
95-582	2/8/1996	SubDistrict RL a. Number of Customers as of 12-31-2008 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	88 \$38,145 \$506,950 \$2,308,075
97-468	9/4/1998	Per Item 7 on the order. See attached exhibit ML 1	
2000-329	7/21/2000	SubDistrict C a. Number of Customers as of 12-31-2008 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	961 \$221,612 \$1,366,896 \$5,636,005
2000-171	5/5/2000	SubDistrict D a. Number of Customers as of 12-31-2008 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	150 \$53,423 \$278,358 \$1,048,507
2001-198	6/27/2001	Defeasance of the former Kenton County Water District No.1 Bonds - Principle Issue	\$45,448,000
2002-00363	10/1/2002	Defeasance of the former Klenton County Water District No.1 Bonds	\$10,575,000
2002-00468	3/1/2003	Defeasance of 1995C Bonds with Issuance of 2003A Bonds	\$1,615,000
2002-00105	4/30/2003	Water Rate Increase	

Additional Information Required by Commission Orders - Continued

2002-00105	6/1/2003	Issue of 2003 B Bonds	\$30,270,000
2003-00167	7/18/2003	SubDistrict E	
		a. Number of Customers as of 12-31-2008	177
		b. Total Surcharge billed during 2008	\$6,286.00
		c. Accumulated surcharge billed.	\$215,500.00
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	\$2,185,654.00
2003-00191	7/18/2003	SubDistrict RF	
		a. Number of Customers as of 12-31-2008	29
		b. Total Surcharge billed during 2008	\$8,484
		c. Accumulated surcharge billed.	\$44,321
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	\$180,292
2003-00224	6/14/2004	Issue of 2004A Bonds	\$10,455,000
2003-00224	6/14/2004	SubDistrict K	
		a. Number of Customers as of 12-31-2008	44
		b. Total Surcharge billed during 2008	\$9,938
		c. Accumulated surcharge billed.	\$25,675
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	\$195,141
2003-00404	12/2/2003	Defeasance of 1993, 1195A and 1995B Bonds with Issuance of 2003C Bonds	\$23,790,000
2005-00148	4/28/2006	Water Rate Increase & Bond Issuance	\$29,000,000
2006-00315	12/26/2007	SubDistrict F	
		a. Number of Customers as of 12-31-2008	20
		b. Total Surcharge billed during 2008	\$4,982
		c. Accumulated surcharge billed.	\$4,982
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	\$412,657
2007-00131	6/27/2007	SubDistrict G	
		a. Number of Customers as of 12-31-2008	46
		b. Total Surcharge billed during 2008	\$5,454
		c. Accumulated srucharge billed.	\$5,454
		d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	\$1,041,668
2007-00135	12/21/2007	Water Rate Increase & Bond Issuance	\$30,075,125

MAJOR WATER PROJECTS

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

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

N/A

Projected Costs and Funding Sources/Amounts:

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

Location: (counmunity, 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:

**2835 Crescent Springs Road
P.O. Box 18640
Erlanger, Kentucky 41018-0640**

3. Give the location, including street, street number, and telephone number of the principle office in Kentucky:

Same as #2

4. Date of organization:

January 1, 1997

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

**Kenton County Water District
Campbell County Water District**

6. Date of each consolidation and each merger

January 1, 1997

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

Water District under Chapter 74 – KRS

8. Name all operating departments other than water.

None

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

Kenton, Campbell, & Boone

10. Give the number of employees:.

Full Time: 155

Part Time: 16

Report of:
For Year Ended:

Northern Kentucky Water District
12/31/2008

Location where books and records are located:

2835 Crescent Springs Road, Erlanger, Ky 41018

Contacts:

Name	Title	Principal Business Address	Salary Charged Utility	Current Term Expires
Send correspondence to: Jack Bragg	VP of Finance	2835 Crescent Springs Road P.O. Box 41018-0640 Erlanger, Kentucky 41018	XXXXXXXXXX	XXXXXX
Report prepared by: Jack Bragg	VP of Finance	Same as above	XXXXXXXXXX	XXXXXX
Officers and Managers				
Fred Macke	Chairperson	Same as above	6,000.00	8/26/2012
Lew Collins	Treasurer	Same as above	6,000.00	8/28/2011
Doug Wagner	Secretary	Same as above	6,000.00	8/26/2009
Jr. Pat Sommerkamp	Commissioner	Same as above	6,000.00	8/21/2009
Frank Jackson	Commissioner	Same as above	6,000.00	8/28/2011
Joe Koester	Commissioner	Same as above	6,000.00	7/26/2012
C. Ronald Lovan	President/CEO	Same as above	XXXXXXXXXX	XXXXXX

COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

Account No. (a)	2008 Account Name (b)	Ref. Page ©	Previous Year (d)	Current Year (e)
	UTILITY PLANT			
101-106	Utility Plant	13	\$ 307,878,617	\$ 323,463,743
108-110	Less: Accumulated Depreciation and Amortization	13,15-16	(61,398,205)	(67,540,294)
	Net Plant		\$ 246,480,412	\$ 255,923,449
114-115	Utility Plant Acquisition Adjustments (Net)	16	3,866,351	3,665,231
116	Other Utility Plant Adjustments			
	Total Net Utility Plant		\$ 250,346,763	\$ 259,588,680
	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	26,054,947	25,856,656
125	Other Investments	17	2,771,076	2,426,639
126-127	Special Funds	17		
	Total Other Property & Investments		\$ 28,826,023	\$ 28,283,295
	CURRENT AND ACCRUED ASSETS			
131	Cash		\$ 10,205,219	\$ 11,509,211
132	Special Deposits			
133	Other Special Deposits		19,167,438	15,081,881
134	Working Funds			
135	Temporary Cash Investments			
141-144	Accounts Receivable, Less Accumulated Provision for Uncollectible Accounts	18	5,610,489	5,538,813
145	Accounts Receivable from Associated Companies			
146	Notes Receivable from Associated Companies			
151-153	Materials & Supplies	19	1,289,823	1,268,952
161	Stores Expense			
162	Prepayments	19	246,623	898,284
171	Accrued Interest & Dividends Receivable			
172	Rents Receivable			
173	Accrued Utility Revenues		4,200,000	4,700,000
174	Misc. Current & Accrued Assets			
	Total Current & Accrued Assets		\$ 40,719,592	\$ 38,997,141

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

Account No. (a)	2008 Account Name (b)	Ref. Page c	Previous Year (d)	Current Year (e)
	DEFERRED DEBITS			
181	Unamortized Debt Discount & Expense	20	\$ 2,997,786	\$ 2,804,587
182	Extraordinary Property losses	21		
183	Preliminary Survey & Investagation Charges			
184	Clearing Accounts			
185	Temporary Facilities			
186	Misc. Deferred Debits	20	6,357,920	6,222,346
187	Research & Development Expenditures			
	Total Deferred Debits		\$ 9,355,706	\$ 9,026,933
	TOTAL ASSETS AND OTHER DEBITS		\$ 329,248,084	\$ 335,896,049

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES

Account No. (a)	2008 Account Name (b)	Ref. Page c	Previous Year (d)	Current Year (e)
Equity Capital				
214	Appropriated Retained Earnings	12	\$ 36,672,874	\$ 31,053,385
215.1	Retained Earnings from Income Before Contributions	12	\$ 35,057,198	\$ 46,085,772
215.2	Donated Capital	12	\$ 51,889,090	\$ 56,424,703
	Total Equity Capital		\$ 123,619,162	\$ 133,563,860
LONG-TERM DEBT				
221	Bonds	23	\$ 168,128,000	\$ 162,550,000
222	Reacquired Bonds			
223	Advances from Asso. Companies			
224	Other Long-Term Debt	22	1,875,000	4,973,035
	Total Long-Term Debt		\$ 170,003,000	\$ 167,523,035
CURRENT & ACCRUED LIABILITIES				
231	Accounts Payable		\$ 3,139,763	\$ 2,504,050
232	Notes Payable	24	27,265,000	27,265,000
233	Acts. Payable to Asso. Co.	24		
234	Notes Payable to Asso. Co.	24		
235	Customer Deposits		11,207	10,310
236	Accrued Taxes	25		
237	Accrued Interest	25	3,251,310	3,181,843
239	Matured Long-Term Debt			
240	Matured Interest			
241	Tax Collections Payable			
242	Misc. Current & Accrued Liabilities	26	1,909,549	1,803,786
	Total Current & Accrued Liabilities		\$ 35,576,829	\$ 34,764,989
DEFERRED CREDITS				
251	Unamortized Premium on Debt	20	\$ 49,093	\$ 44,165
252	Advances for Construction	21		
253	Other Deferred Credits			
	Total Deferred Credits		49,093	44,165
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			\$ 329,248,084	\$ 335,896,049

(0)

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	\$ 39,088,743	\$ 42,190,123
401	Operating Expenses	28	\$ 23,170,620	\$ 23,432,760
403	Depreciation Expenses		5,715,209	7,362,501
406	Amortization of Utility Plant			
	Acquisition Adjustment		201,120	201,120
407	Amortization Expense		378,962	378,962
408.1	Taxes Other Than Income	25	612,350	600,378
	Utility Operating Expenses		\$ 30,078,261	\$ 31,975,721
	Utility Operating Income		\$ 9,010,482	10,214,402
413	Income From Utility Plant Leased to Others			
414	Gains (Losses) From Disposition of Utility Property		(19,374)	211,231
	Total Utility Operating Income		\$ 8,991,108	\$ 10,425,633
	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		2,506,262	2,112,845
420	Allowance for Funds Used During Construction			
421	Nonutility Income		172,289	(30,113)
426	Miscellaneous Nonutility Expense			
	Total Other Income & Deductions		\$ 2,678,551	2,082,732
	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		\$ 6,957,720	\$ 6,911,009
428	Amortization of Debt Discount & Exp.		201,571	188,269
429	Amortization of Premium on Debt		4,928	-
	Total Interest Expense		\$ 7,154,363	\$ 7,099,278
	EXTRAORDINARY ITEMS			
433	Extraordinary Income		\$	\$
434	Extraordinary Deductions			
	Total Extraordinary Items		\$ -	\$ -
	NET INCOME		\$ 4,515,296	\$ 5,409,085

Statement of Retained Earnings

ACCT. No. (a)	2008 (b)	Amount (c)
214	Appropriated Retained Earnings (state balance and purpose of each appropriated amount at year end):	
	Bond Proceeds	\$ 15,081,881
	Debt Service and Reserve	\$ 13,359,108
	Improvement, Repair and Replacement	\$ 2,612,396
	Total Appropriated Retained Earnings.....	\$ 31,053,385

215.1	Retained Earnings From Income Before Contributions:	
	Balance Beginning of Year.....	\$ 35,057,198
435	Balance Transferred from Net Income Before Contributions.....	\$ 5,409,085
	Other Changes to Account:	
436	Appropriations of Retained Earnings.....	\$ 5,619,489
439	Adjustments to Retained Earnings (requires Commission approval prior to use):	
	Credits (explain) _____	\$ _____
	Debits (explain) _____	\$ _____
	Balance End of Year.....	\$ 46,085,772

215.2	Donated Capital:	Tapping Fees	Grants	Other	Total
	Balance Beginning of Year.....	7,233,544	13,417,368	31,238,178	51,889,090
	Credits:				
432	Proceeds from capital contributions.....	486,071	4,049,542	-	4,535,613
	Other Credits (explain)	_____			
	Debits:				
	(explain - Requires Commission Approval)	_____			
	Balance End of Year.....	7,719,615	17,466,910	31,238,178	56,424,703

NET UTILITY PLANT (ACCTS. 101 - 106)

Account No.	Plant Accounts	Total
101	Utility Plant in Service	\$ 283,903,489
102	Utility Plant Leased to Others	
103	Property Held for Future Use	
104	Utility Plant Purchased of Sold	
105	Construction Work in Progress	39,560,254
106	Completed Construction Not Classified	
	Total Utility Plant	\$ 323,463,743

ACCUMULATED DEPRECIATION (ACCT. 108)

Description	Total
Balance first of year	\$ 61,398,207
Credit during year:	
Accruals Charged to Account 108.1	7,362,501
Accruals Charged to Account 108.2	
Accruals Charged to Account 108.3	
Accruals Charged to Other Accounts (specify)	

Salvage	
Other Credits (specify)	

Total Credits	\$ 7,362,501
Debits during year:	
Book Cost of Plant Retired	\$ 1,220,414
Cost of Removal	
Other Debits (specify)	

Total Debits	\$ 1,220,414
Balance end of year	\$ 67,540,294

WATER UTILITY PLANT ACCOUNTS

Acct No. (a)	2008 Account Name (b)	End of Previous Year (c)	Additions (d)	Retirement (e)	End of Current Year (f)	.1 Intangible Plant Intan- (g)	.2 SOS & Pumping Plant (h)	.3 Water Treatment Plant (i)	.4 Trans & Distrib Plant (j)	.5 General Plant (k)
301	Organization						XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX
302	Franchises						XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX
303	Land & Land Rights	\$2,859,437	\$34,337		\$2,893,774	XXXXXXXX	29,200	72,496	192,530	2,599,548
304	Structures & Improvements	\$72,898,436	\$405,389	\$631,779	\$72,672,046	XXXXXXXX	47,476,573	7,701,646	11,933,262	5,560,565
305	Collecting & Impounding Reservoirs					XXXXXXXX		XXXXXXXX	XXXXXXXX	XXXXXXXX
306	Lake, River & Other Intakes	\$1,463,171			\$1,463,171	XXXXXXXX	1,463,171	XXXXXXXX	XXXXXXXX	XXXXXXXX
307	Wells and Springs					XXXXXXXX		XXXXXXXX	XXXXXXXX	XXXXXXXX
308	Infiltration Galleries & Tunnels							XXXXXXXX	XXXXXXXX	
309	Supply Mains	\$2,821,711			\$2,821,711	XXXXXXXX	2,821,711	XXXXXXXX	XXXXXXXX	XXXXXXXX
310	Power Generation Equipment					XXXXXXXX		XXXXXXXX	XXXXXXXX	XXXXXXXX
311	Pumping Equipment	\$9,567,388	\$174,775	\$2,576	\$9,739,587	XXXXXXXX	4,263,439	5,476,148	XXXXXXXX	XXXXXXXX
320	Water Treatment Equipment	\$10,286,622	\$91,120	\$2,104	\$10,375,638	XXXXXXXX	XXXXXXXX	10,375,638	XXXXXXXX	XXXXXXXX
330	Distribution Reservoirs & Standpipes	\$7,500,741	\$1,984,024		\$9,484,765	XXXXXXXX	XXXXXXXX	XXXXXXXX	9,484,765	XXXXXXXX
331	Transmission & Distribution Mains	\$123,822,269	\$3,219,063		\$127,041,332	XXXXXXXX	XXXXXXXX	XXXXXXXX	127,041,332	XXXXXXXX
333	Services	\$21,844,754	\$1,021,056		\$22,865,810	XXXXXXXX	XXXXXXXX	XXXXXXXX	22,865,810	XXXXXXXX
334	Metes & Meter Installations	\$7,737,814	\$165,744		\$7,903,558	XXXXXXXX	XXXXXXXX	XXXXXXXX	7,903,558	XXXXXXXX
335	Hydrants	\$5,484,015	\$220,303		\$5,704,318	XXXXXXXX	XXXXXXXX	XXXXXXXX	5,704,318	XXXXXXXX
336	Backflow Prevention Devices					XXXXXXXX	XXXXXXXX	XXXXXXXX		XXXXXXXX
339	Other Plant & Misc. Equipment	\$3,340,890	\$879	\$1,005	\$3,340,764				3,340,764	XXXXXXXX
340	Office Furniture & Equipment	\$2,410,692	\$149,808	\$27,177	\$2,533,323	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	2,533,323
341	Transportation Equipment	\$2,661,578	\$248,507	\$139,908	\$2,770,177	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	2,770,177
342	Stores Equipment	\$278,672		\$1,799	\$276,873	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	276,873
343	Tools, Shop, & Garage Equipment	\$132,169	\$23,283		\$155,452	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	155,452
344	Laboratory Equipment	\$66,086	\$28,605		\$94,691	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	94,691
345	Power Operated Equipment	\$786,449	\$59,901		\$846,350	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	846,350
346	Communication Equipment	\$286,136	\$64,677	\$28,368	\$322,445	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	322,445
347	Miscellaneous Equipment	\$597,746		\$45	\$597,701	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	597,701
348	Other Tangible Plant					XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	
	Total Water Plant	\$276,846,776	\$7,891,471	\$834,761	\$283,903,486	0	56,054,094	23,625,928	188,466,339	15,757,125

Analysis of Accumulated Depreciation and Amortization Primary Account

Acct. No. (a)	2008 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						
304	Structures & Improvements	16,262,186	2,377,223		420,388		18,219,021
305	Collecting & Impounding Reservoirs						841,578
306	Lake River & Other Intakes	813,877	27,701				
307	Wells & Springs						472,125
309	Supply Mains	414,539	57,586				
310	Power Generating Equip.						5,015,092
311	Pumping Equipment	4,510,728	506,823		2,459		4,187,977
320	Water Treatment Equip.	3,821,913	367,719		1,655		
330	Distribution Reservoirs & Standpipes						3,224,361
331	Transmissions & Distribution Mains	14,896,971	2,006,413		455,963		16,447,421
333	Services	7,114,760	551,939		113,100		7,553,599
334	Meters & Meter Installations	1,908,926	137,863		-		2,046,789
335	Hydrants	1,347,155	152,246		29,250		1,470,150
339	Other Plant & Misc. Equip.	2,012,324	331,294		1,005		2,342,613
340	Office Furniture & Equip.	1,540,017	220,137		26,471		1,733,683
341	Transportation Equipment	2,017,932	252,076		139,908		2,130,100
342	Service Equipment						342,435
343	Tools, Shop & Garage Equip.	323,500	20,734		1,799		58,617
344	Shop Equipment	40,455	18,162				607,238
345	Power Operated Equip.	555,624	51,614				254,783
346	Telecommunications Equipment	281,406	1,746		28,369		
347	SCADA						592,712
348	Other Tangible Plant	592,222	535		45		
	Totals	\$ 61,398,206	\$ 7,362,501	\$ -	\$ 1,220,412	\$ -	\$ 67,540,294

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	4,970,211
Total Plant Acquisition Adjustments.....	\$ 5,516,136
Accumulated Amortization (115)	
Original District 9-14-55	\$ 263,366
District # 2 & 3 12-31-73	18,712
Mentor District 9-1-76	10,741
City of Cold Spring	228,253
City of Silver Grove	24,853
Newport Water Works	1,304,980
Total Accumulated Amortization.....	\$ 1,850,905
Net Acquisition Adjustments.....	\$ 3,665,231

Investments and Special Funds (Acct. 123-127)

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

Description of Security or Special Fund (a)	Face or Par Value (b)	Year-End Book Cost c
Investment In Associated Companies (Acct. 123):		
_____	\$ _____	\$ _____
_____		_____
_____		_____
_____		_____
Total Investment in Asso. Companies		\$ _____
Utility Investments (Acct. 124):		
IRR Account	\$ _____	\$ 2,612,396
Debt Service Account		9,885,153
Debt Service Reserve Account		13,359,108
Total Utility Investments		\$ 25,856,657
Other Investments (Acct. 125):		
Boone County/Florence KY Settlement	\$ _____	\$ 2,426,639
_____	_____	_____
_____	_____	_____
Total Other Investments:	\$ _____	\$ 2,426,639
Special Funds (Acct. 126 & 127):		
Prepayment Reserve	_____	_____
_____	_____	_____
_____	_____	_____
Total Special Funds		\$ _____

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

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

Description		Total
ACCOUNTS & NOTES RECEIVABLE:		
Customer Accounts Receivable (Acct. 141)		\$ 5,328,898
Other Accounts Receivable (Acct. 142)		
Assessments	\$ 82,711	
Other	127,204	
		209,915
Notes Receivable (Acct. 144)		
	\$	
Total Accounts and Notes Receivable.....		\$ 5,538,813
Accumulated Provision for Uncollectable Accounts (Acct. 143)		
Balance first of year	\$ -	
Add: Provision for uncollectables for		
current year.....	\$	
Collections fo accounts previously		
written off.....		
Utility accounts.....		
Others.....		
Total Additions.....	\$	
Deduct accounts written off during year:		
Utility Accounts.....	\$	
Other.....		
Total accounts written off.....	\$	
Balance end of year.....		\$ -
Total Accounts and Notes Receivable		\$ 5,538,813

Materials and Supplies (151 - 153)

Account Name	Total
Plant Materials and Supplies (Account 151)	\$ 1,268,952
Merchandise (Account 152)	
Other Materials and Supplies (Account 153)	
Total Materials & Supplies	\$ 1,268,952

Prepayments (Acct. 162)

Description	Total
Prepaid Insurance	\$ 76,416
Prepaid Rents	
Prepaid Interest	
Prepaid Taxes	
Other Prepayments (Specify) Prepaid Antenna Rent Sprint Expenses/Services	(11,400)
	\$ 833,268
	-
Total Prepayments	\$ 898,284

Miscellaneous Deferred Debits (Acct. 186)

2008 Description	Total
Miscellaneous Deferred Debits (Acct. 186):	
Deferred PSC Assessment	31,330
Deferred Rate Case Expense 2004-2005	85,830
Deferred Rate Case Expense 2007	73,828
Other Deferred Debits	6,031,358
Total Miscellaneous Deferred Debits	\$ 6,222,346

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	\$ 68,001
Bond Discount 1997	6,735	93,168
Bond Discount 1998	7,570	150,770
Bond Issue Costs 1998	3,147	62,693
Cost of Issue 2001 Bond	3,699	65,984
Discount 2001 Bond	13,038	232,520
Cost of Issue 2002 A	13,731	248,302
Bond Discount 2002 A	27,209	492,030
Cost of Issue 2002 B	9,300	83,314
Cost of Issue 2003 A	1,620	35,930
Bond Discount 2003 A	1,087	25,103
Cost of Issue 2003 B	11,760	227,390
Bond Discount 2003 B	8,520	165,433
Cost of Issue 2003 C	14,940	173,013
Discount 2003 C	7,404	82,085
Cost of issue 2004A Bonds	3,252	67,700
Discount 2004A Bond	7,920	164,902
Bond Discount 2006	6,994	159,119
Cost of Issue Bond 2006	8,640	196,560
Discount 2007 BAN	1,222	407
Cost of Issue BAN 2007	30,490	10,163
Total Unamortized Debt Discount & Expense	\$ 193,194	\$ 2,804,587
Unamortized Premium on Debt (Acct. 251):		
Premium on 2002 B Bond	4,928	\$ 44,165
Total Unamortized Premium on Debt	\$ 4,928	\$ 44,165

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

Long Term Debt (Acct. 224)

Description of Obligation And Amount of Original Issue (a)	Date of Issue (b)	Date of Maturity (c)	Interest Expense For Year		Principal per balance Sheet Date (f)
			Rate (d)	Amount (e)	
				\$	\$
Notes Payable City of Taylor Mill	Mar-2004	7/1/2018	0	0	\$ 1,625,000.00
Kentucky Infrastructure Authority Loan	June 2008 1st Draw	2028	3.0%	\$ 63,669.90	\$ 3,348,035.00
Total				\$	\$ 4,973,035.00

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	11,225,000	11,131,694		3,760,000	182,123	199,738
2	11,355,000	11,141,619		9,005,000	438,245	443,786
3	2,287,000	2,287,000		2,115,000	106,207	106,443
4	16,325,000	15,835,250		14,750,000	707,567	710,400
5	45,485,000	44,121,624		43,270,000	2,117,778	2,125,465
6	10,575,000	10,525,204		7,360,000	293,105	302,219
7	1,615,000	1,583,553		1,440,000	62,622	63,000
8	30,270,000	30,068,115		25,965,000	979,492	986,950
9	23,790,000	23,532,357		17,570,000	657,105	669,969
10	10,455,000	10,195,116		9,335,000	384,762	387,632
11	29,000,000	28,736,444		27,980,000	1,161,488	1,173,488
Total	192,382,000	189,157,976	-	162,550,000	7,090,494	7,169,090

Schedule of Bond Maturities

Line No.	Bond Numbers 7	Maturity Date 8	Interest Rate 9	Principal Amount 10	Amount Paid 11	Remaining Bonds Outstanding 12
1						
2	See Attachments 23.1 Through 23.11					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Northern Kentucky Water Service District
Bond Issue: 11,225,000 , Dated September 1, 1997

Attachment 23.1

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	7,465,000.00	3,760,000.00

Northern Kentucky Water Service District
 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	2,350,000.00	9,005,000.00

Northern Kentucky Water Service District
FmHA Load \$2,287,000 - 2000

Attachment 23.3

Year	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
2000			0.00	0.00	0.00
2001			0.00	0.00	0.00
2002			21,000.00	21,000.00	0.00
2003			22,000.00	22,000.00	0.00
2004			24,000.00	24,000.00	0.00
2005			24,000.00	24,000.00	0.00
2006			26,000.00	26,000.00	0.00
2007			27,000.00	27,000.00	0.00
2008			28,000.00	28,000.00	0.00
2009			30,000.00		30,000.00
2010			31,000.00		31,000.00
2011			33,000.00		33,000.00
2012			34,000.00		34,000.00
2013			36,000.00		36,000.00
2014			38,000.00		38,000.00
2015			40,000.00		40,000.00
2016			42,000.00		42,000.00
2017			44,000.00		44,000.00
2018			46,000.00		46,000.00
2019			49,000.00		49,000.00
2020			51,000.00		51,000.00
2021			54,000.00		54,000.00
2022			56,000.00		56,000.00
2023			59,000.00		59,000.00
2024			62,000.00		62,000.00
2025			65,000.00		65,000.00
2026			68,000.00		68,000.00
2027			72,000.00		72,000.00
2028			75,000.00		75,000.00
2029			79,000.00		79,000.00
2030			83,000.00		83,000.00
2031			87,000.00		87,000.00
2032			92,000.00		92,000.00
2033			96,000.00		96,000.00
2034			102,000.00		102,000.00
2035			107,000.00		107,000.00
2036			112,000.00		112,000.00
2037			118,000.00		118,000.00
2038			124,000.00		124,000.00
2039			130,000.00		130,000.00
Totals			2,287,000.00	172,000.00	2,115,000.00

Northern Kentucky Water Service District
Bond Issue \$16,325,000.00 Dated 10-23-2001

Attachment 23.4

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%	200,000.00	200,000.00	
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%	1,190,000.00		1,190,000.00
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	1,575,000.00	14,750,000.00

Northern Kentucky Water Service District
Bond Issue \$45,485,000.00 Dated 2/1/2002

Attachment 23.5

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	2/1/2003				0.00
Registered	2/1/2003	4.50%	350,000.00	350,000.00	0.00
Registered	2/1/2004	4.50%	345,000.00	345,000.00	0.00
Registered	2/1/2005	4.50%	360,000.00	360,000.00	0.00
Registered	2/1/2006	4.50%	370,000.00	370,000.00	0.00
Registered	2/1/2007	4.50%	380,000.00	380,000.00	0.00
Registered	2/1/2008	4.50%	410,000.00	410,000.00	0.00
Registered	2/1/2009	4.50%	365,000.00		365,000.00
Registered	2/1/2009	4.50%	465,000.00		465,000.00
Registered	2/1/2010	4.50%	485,000.00		485,000.00
Registered	2/1/2111	4.50%	1,530,000.00		1,530,000.00
Registered	2/1/2012	4.50%	950,000.00		950,000.00
Registered	2/1/2013	4.50%	990,000.00		990,000.00
Registered	2/1/2114	4.50%	1,035,000.00		1,035,000.00
Registered	2/1/2115	4.65%	1,100,000.00		1,100,000.00
Registered	2/1/2116	4.75%	1,625,000.00		1,625,000.00
Registered	2/1/2117	4.75%	2,520,000.00		2,520,000.00
Registered	2/1/2118	4.75%	2,640,000.00		2,640,000.00
Registered	2/1/2119	4.75%	3,080,000.00		3,080,000.00
Registered	2/1/2020	5.00%	3,240,000.00		3,240,000.00
Registered	2/1/2021	5.00%	3,405,000.00		3,405,000.00
Registered	2/1/2022	5.00%	3,580,000.00		3,580,000.00
Registered	2/1/2023	5.00%	3,765,000.00		3,765,000.00
Registered	2/1/2024	5.00%	3,960,000.00		3,960,000.00
Registered	2/1/2025	5.00%	4,160,000.00		4,160,000.00
Registered	2/1/2026	5.00%	4,375,000.00		4,375,000.00
Registered	2/1/2027	5.00%			
TOTALS			45,485,000.00	2,215,000.00	43,270,000.00

Northern Kentucky Water Service District
Bond Issue \$10,575,000.00 Dated 12/5/2002

Attachment 23.6

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	12/5/2002				
Registered	2/1/2003	3.00%	535,000.00	535,000.00	0.00
Registered	2/1/2004	3.00%	455,000.00	455,000.00	0.00
Registered	2/1/2005	3.00%	490,000.00	490,000.00	0.00
Registered	2/1/2006	3.00%	530,000.00	530,000.00	0.00
Registered	2/1/2007	3.50%	580,000.00	580,000.00	0.00
Registered	2/1/2008	3.50%	625,000.00	625,000.00	0.00
Registered	2/1/2009	3.50%	745,000.00		745,000.00
Registered	2/1/2010	3.75%	775,000.00		775,000.00
Registered	2/1/2111	4.00%	805,000.00		805,000.00
Registered	2/1/2012	4.00%	835,000.00		835,000.00
Registered	2/1/2013	4.00%	870,000.00		870,000.00
Registered	2/1/2114	4.00%	900,000.00		900,000.00
Registered	2/1/2115	4.00%	930,000.00		930,000.00
Registered	2/1/2116	4.00%	965,000.00		965,000.00
Registered	2/1/2117	4.00%	535,000.00		535,000.00
TOTALS			10,575,000.00	3,215,000.00	7,360,000.00

Northern Kentucky Water Service District
Bond Issue : \$1,615,000.00 Dated 3/13/2003

Attachment 23.7

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	2/1/2004	1.20%	35,000.00	35,000.00	0.00
Registered	2/1/2005	1.38%	35,000.00	35,000.00	0.00
Registered	2/1/2006	1.75%	35,000.00	35,000.00	0.00
Registered	2/1/2007	2.20%	35,000.00	35,000.00	0.00
Registered	2/1/2008	2.60%	35,000.00	35,000.00	0.00
Registered	2/1/2009	3.00%	40,000.00		40,000.00
Registered	2/1/2010	3.30%	40,000.00		40,000.00
Registered	2/1/2111	3.55%	40,000.00		40,000.00
Registered	2/1/2012	3.37%	40,000.00		40,000.00
Registered	2/1/2013	3.85%	45,000.00		45,000.00
Registered	2/1/2114	3.95%	45,000.00		45,000.00
Registered	2/1/2115	4.05%	45,000.00		45,000.00
Registered	2/1/2116	4.15%	50,000.00		50,000.00
Registered	2/1/2117	4.25%	50,000.00		50,000.00
Registered	2/1/2118	4.50%	55,000.00		55,000.00
Registered	2/1/2119	4.50%	55,000.00		55,000.00
Registered	2/1/2020	4.50%	60,000.00		60,000.00
Registered	2/1/2121	4.50%	60,000.00		60,000.00
Registered	2/1/2022	4.50%	65,000.00		65,000.00
Registered	2/1/2023	4.55%	65,000.00		65,000.00
Registered	2/1/2024	4.55%	70,000.00		70,000.00
Registered	2/1/2025	4.55%	75,000.00		75,000.00
Registered	2/1/2026	4.55%	75,000.00		75,000.00
Registered	2/1/2027	4.55%	80,000.00		80,000.00
Registered	2/1/2028	4.60%	85,000.00		85,000.00
Registered	2/1/2029	4.60%	85,000.00		85,000.00
Registered	2/1/2030	4.60%	90,000.00		90,000.00
Registered	2/1/2031	4.60%	95,000.00		95,000.00
Registered	2/1/2032	4.60%	30,000.00		30,000.00
TOTALS			1,615,000.00	175,000.00	1,440,000.00

Northern Kentucky Water Service District
Bond Issue : \$30,270,000.00 Dated 8/1/2003

Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	2/1/2004	2.00%	825,000.00	825,000.00	0.00
Registered	2/1/2005	2.00%	845,000.00	845,000.00	0.00
Registered	2/1/2006	2.00%	860,000.00	860,000.00	0.00
Registered	2/1/2007	2.00%	880,000.00	880,000.00	0.00
Registered	2/1/2008	2.25%	895,000.00	895,000.00	0.00
Registered	2/1/2009	2.75%	915,000.00		915,000.00
Registered	2/1/2010	3.00%	940,000.00		940,000.00
Registered	2/1/2011	3.13%	965,000.00		965,000.00
Registered	2/1/2012	3.13%	995,000.00		995,000.00
Registered	2/1/2013	3.13%	1,030,000.00		1,030,000.00
Registered	2/1/2014	3.25%	1,060,000.00		1,060,000.00
Registered	2/1/2015	3.50%	1,095,000.00		1,095,000.00
Registered	2/1/2016	4.00%	1,135,000.00		1,135,000.00
Registered	2/1/2017	4.00%	1,175,000.00		1,175,000.00
Registered	2/1/2018	4.00%	1,225,000.00		1,225,000.00
Registered	2/1/2019	4.13%	1,275,000.00		1,275,000.00
Registered	2/1/2020	4.13%	1,325,000.00		1,325,000.00
Registered	2/1/2021	4.13%	1,380,000.00		1,380,000.00
Registered	2/1/2022	4.13%	1,440,000.00		1,440,000.00
Registered	2/1/2023	4.13%	1,500,000.00		1,500,000.00
Registered	2/1/2024	4.13%	1,565,000.00		1,565,000.00
Registered	2/1/2025	4.13%	1,630,000.00		1,630,000.00
Registered	2/1/2026	4.13%	1,700,000.00		1,700,000.00
Registered	2/1/2027	4.13%	1,770,000.00		1,770,000.00
Registered	2/1/2028	4.13%	1,845,000.00		1,845,000.00
TOTALS			30,270,000.00	4,305,000.00	25,965,000.00

Northern Kentucky Water Service District					Attachment 23.9
Bond Issue : \$23,790,000.00 Dated 12/18/2003					
Bond Number	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Registered	2/1/2004	2.00%	1,430,000.00	1,430,000.00	0.00
Registered	2/1/2005	2.00%	1,160,000.00	1,160,000.00	0.00
Registered	2/1/2006	2.00%	1,180,000.00	1,180,000.00	0.00
Registered	2/1/2007	2.25%	1,215,000.00	1,215,000.00	0.00
Registered	2/1/2008	2.50%	1,235,000.00	1,235,000.00	0.00
Registered	2/1/2009	2.75%	1,270,000.00		1,270,000.00
Registered	2/1/2010	3.00%	1,305,000.00		1,305,000.00
Registered	2/1/2111	3.25%	1,350,000.00		1,350,000.00
Registered	2/1/2012	3.50%	1,395,000.00		1,395,000.00
Registered	2/1/2013	3.50%	1,445,000.00		1,445,000.00
Registered	2/1/2114	4.00%	1,505,000.00		1,505,000.00
Registered	2/1/2115	4.00%	1,565,000.00		1,565,000.00
Registered	2/1/2116	4.00%	1,625,000.00		1,625,000.00
Registered	2/1/2117	4.00%	1,690,000.00		1,690,000.00
Registered	2/1/2118	4.00%	1,595,000.00		1,595,000.00
Registered	2/1/2119	4.13%	1,665,000.00		1,665,000.00
Registered	2/1/2020	4.25%	1,160,000.00		1,160,000.00
TOTALS			23,790,000.00	6,220,000.00	17,570,000.00

Northern Kentucky Water Service District				Attachment 23.10	
Bond Issue	\$10,455,000.00	11/18/2024			
Bond	Maturity	Interest	Principle	Amounts	Outstanding
Number	Date	Rate	Amount	Paid	
Registered	2/1/2005	2.000%	270,000.00	270,000.00	0.00
Registered	2/1/2006	2.000%	275,000.00	275,000.00	0.00
Registered	2/1/2007	2.125%	285,000.00	285,000.00	0.00
Registered	2/1/2008	2.375%	290,000.00	290,000.00	0.00
Registered	2/1/2009	2.625%	295,000.00		295,000.00
Registered	2/1/2010	3.000%	305,000.00		305,000.00
Registered	2/1/2111	3.000%	315,000.00		315,000.00
Registered	2/1/2012	3.250%	325,000.00		325,000.00
Registered	2/1/2013	3.375%	335,000.00		335,000.00
Registered	2/1/2014	3.500%	345,000.00		345,000.00
Registered	2/1/2015	4.000%	360,000.00		360,000.00
Registered	2/1/2016	4.000%	375,000.00		375,000.00
Registered	2/1/2017	4.000%	390,000.00		390,000.00
Registered	2/1/2018	4.000%	405,000.00		405,000.00
Registered	2/1/2019	4.000%	425,000.00		425,000.00
Registered	2/1/2022	4.500%	1,385,000.00		1,385,000.00
Registered	2/1/2024	4.500%	1,035,000.00		1,035,000.00
Registered	2/1/2026	4.000%	1,135,000.00		1,135,000.00
Registered	2/1/2029	4.500%	1,905,000.00		1,905,000.00
TOTALS			10,455,000.00	1,120,000.00	9,335,000.00

Northern Kentucky Water Service District					Attachment 23.11
Bond Issue	9/1/2006	\$29,000,000.00			
Bond	Maturity	Interest	Principle	Amounts	Outstanding
Number	Date	Rate	Amount	Paid	
Registered	2/1/2007	4.000%	300,000.00	300,000.00	0.00
Registered	2/1/2008	4.000%	720,000.00	720,000.00	0.00
Registered	2/1/2009	4.000%	750,000.00		750,000.00
Registered	2/1/2010	4.000%	775,000.00		775,000.00
Registered	2/1/2111	4.000%	805,000.00		805,000.00
Registered	2/1/2012	4.000%	835,000.00		835,000.00
Registered	2/1/2013	4.000%	870,000.00		870,000.00
Registered	2/1/2114	4.000%	900,000.00		900,000.00
Registered	2/1/2115	4.000%	940,000.00		940,000.00
Registered	2/1/2116	4.000%	980,000.00		980,000.00
Registered	2/1/2117	4.000%	1,020,000.00		1,020,000.00
Registered	2/1/2118	4.000%	970,000.00		970,000.00
Registered	2/1/2119	4.000%	1,010,000.00		1,010,000.00
Registered	2/1/2020	4.125%	1,320,000.00		1,320,000.00
Registered	2/1/2021	4.125%	1,205,000.00		1,205,000.00
Registered	2/1/2022	4.125%	1,255,000.00		1,255,000.00
Registered	2/1/2023	4.125%	1,420,000.00		1,420,000.00
Registered	2/1/2024	4.125%	1,375,000.00		1,375,000.00
Registered	2/1/2025	4.125%	1,440,000.00		1,440,000.00
Registered	2/1/2027	4.250%	3,075,000.00		3,075,000.00
Registered	2/1/2029	4.250%	3,360,000.00		3,360,000.00
Registered	2/1/2031	4.273%	3,675,000.00		3,675,000.00
TOTALS			29,000,000.00	1,020,000.00	27,980,000.00

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

Notes Payable (Acct. 232 & 234)

2008 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			0.00%	\$	\$ 100,000
BAN 2007			3.70%		27,165,000
Total Account 232				\$	\$ 27,265,000
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)	2008 DESCRIPTION (b)	TOTAL ©
	Balance first of year.....	\$ -
	Accruals Charged:	
408.1	Utility regulatory assessment fees.....	
408.11	Property taxes.....	
408.12	Payroll taxes.....	600,378
408.13	Other taxes and licenses.....	
408.2	Taxes other than income, other income and deductions	
	Total taxes accrued.....	\$ 600,378
	Taxes paid during year:	
408.1	Utility regulatory assessment fees.....	
408.11	Property taxes.....	
408.12	Payroll taxes.....	600,378
408.13	Other taxes and licenses.....	
408.2	Taxes other than income, other income and deductions	
	Total taxes paid.....	\$ 600,378
	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 1997	92,031	182,123	199,738	74,416
Series 1998	187,682	438,245	443,786	182,141
2000 RUS Loan	18,083	106,207	106,443	17,847
Series 2001	297,417	707,587	710,400	294,584
Series 2002 A	889,454	2,117,778	2,126,465	881,767
Series 2002 B	130,482	293,105	302,219	121,368
Series 2003 A	26,439	62,622	63,001	26,080
Series 2003 B	414,959	979,492	986,950	407,500
Series 2003 C	285,586	657,405	669,969	273,021
Series 2004 A	162,948	384,762	387,632	160,078
Series 2006	494,953	1,161,488	1,173,488	482,953
Total Acct No. 237.1	\$ 3,000,033	\$ 7,090,792	\$ 7,169,090	\$ 2,921,735
Acct. No. 237.2 - Accrued Interest on Other Liabilities:				
2007 BAN # 1	\$ 251,276	1,013,937	1,005,105	\$ 260,108
Total Acct No. 237.2	\$ 251,276	\$ 1,013,937	\$ 1,005,105	\$ 260,108
Total Acct No 237	\$ 3,251,309	\$ 8,104,729	\$ 8,174,196	\$ 3,181,843

Gross interest expense	8,241,387
Less Surcharges	(603,337)
Less Capitalized Interest	(727,041)
Interest Expense	<u>6,911,009</u>

Miscellaneous Current & Accrued Liabilities (Account 242)

2008 Description (a)	Balance End of Year (b)
Accrued Payroll Taxes & Misc	\$ 58,725
Accrued Payroll	119,091
Accrued Sales Taxes	97,166
Accrued Pension	42,799
Accrued Vacation/Sick	845,878
Subdistrict Surcharges Payable	640,126
Total Miscellaneous Current & Accrued Liabilities.....	\$ 1,803,786

Regulatory Commission Expense (Accounts 666 and 667)

2006 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 2005-0148	\$ -	\$ -	667	\$ 85,704
Rate Case 2007	\$ -	\$ -	667	\$ 36,914
	\$ -	\$ -	667	\$ -

WATER OPERATING REVENUE

Acct No. (a)	2008 Description (b)	Beginning Year No. Customer (c)	Year End Number Customers (d)	Amounts (e)
	Operating Revenues:			
460	Unmeter Water Revenue.....			\$
461	Meter Water Revenue:			\$
461.1	Sales to Residential Customers	73,361	73,666	\$ 24,351,516
461.2	Sales to Commercial Customers	4,392	4,336	\$ 6,336,052
461.3	Sales to Industrial Customers	111	114	\$ 3,257,666
461.4	Sales to Public Authorities	482	486	\$ 2,085,366
461.5	Sales to Multiple Family Dwellings	1,587	1,608	\$ 3,190,713
461.6	Sales through Bulk Loading Stations			\$ 37,910
	Total Metered Sales	79,933	80,210	\$ 39,259,223
462	Fire Protection Revenue:			\$
462.1	Public Fire Protection			\$
462.2	Private Fire Protection	450	450	\$ 31,987
	Total Fire Protection Revenue	450	450	\$ 31,987
464	Other Sales to Public Authorities			\$
465	Sales to			\$
466	Sales for Resale	3	4	\$ 1,118,527
467	Interdepartmental Sale			\$
	Total Sales of Water	80,386	80,664	\$ 40,409,737
	Other Water Revenues:			
469	Guaranteed Revenues			\$
470	Forfeited Discounts			\$ 906,636
471	Miscellaneous Service Revenues			\$
472	Rents from Water Property			\$ 493,590
473	Interdepartmental Rents			\$
474	Other Water Revenues			\$ 380,160
	Total Other Water Revenues			\$ 1,780,386
	Total Water Operating Revenues			\$ 42,190,123

WATER UTILITY EXPENSE ACCOUNTS

2008		WATER EXPENSE ACCOUNT MATRIX								
Acct No (a)	Account Name (b)	Current Year (c)	.1 Source of Supply & Pumping Expense-Operation (d)	.2 Source of Supply & Pumping Expense-Maintenance. (e)	.3 Water Treatment Expense-Operation (f)	.4 Water Treatment Expense-Maintenance. (g)	.5 Trans & Distribution. Expense-Operation (h)	.6 Trans & Distribution. Expense-Maintenance. (i)	.7 Customer Accounts Expense (j)	.8 Adminis-Trative & General Expenses (k)
					\$1,612,521.00	\$744,944.00	\$954,562.00	\$2,291,142.00	\$1,735,730.00	\$1,150,781.00
601	Salaries & Wage - Employees	\$8,489,680.00								
603	Salaries & Wage - Officers	\$0.00								
604	Employee Pensions & Benefits	\$3,431,364.00			\$742,609.00	\$93,901.00	\$717,501.00	\$689,460.00	\$665,089.00	\$522,804.00
610	Purchased Water		\$787,555.00				\$1,284,141.00			\$178,703.00
615	Purchased Power	\$2,437,335.00			\$186,936.00		\$7,594.00			
616	Fuel for Power Production	\$160,113.00			\$152,519.00					
618	Chemicals	\$1,642,807.00			\$1,642,807.00					
620	Materials & Supplies	\$1,943,629.00			\$185,324.00	\$214,690.00	\$146,985.00	\$921,521.00	\$268,542.00	\$206,567.00
631	Contractual Services - Accounting	\$18,820.00								\$18,820.00
633	Contractual Services - Engineering	\$144,225.00			\$3,696.00		\$41,862.00	\$998.00	\$10,881.00	\$86,788.00
634	Contractual Services - Mgt. Fees	\$84,154.00								\$84,154.00
635	Contractual Services - Water Testing	\$2,980,197.00	\$2,662.00	\$31,824.00	\$489,501.00	\$360,858.00	\$32,975.00	\$949,952.00	\$262,757.00	\$849,668.00
636	Contractual Services - Other	\$0.00								
641	Rental of Bldg./Real Property	\$0.00								\$750.00
642	Rental of Equipment	\$750.00								
650	Transportation Expenses	\$584,310.00			\$74,846.00		\$55,554.00	\$324,289.00	\$119,474.00	\$10,147.00
656	Insurance - Vehicles	\$66,417.00			\$10,962.00		\$36,755.00		\$15,476.00	\$3,224.00
657	Insurance - General Liability	\$338,411.00			\$108,259.00		\$179,406.00		\$33,831.00	\$16,915.00
658	Insurance - Workers Compensation	\$109,262.00			\$28,607.00		\$44,655.00		\$25,816.00	\$10,184.00
659	Insurance - Other	\$109,533.00			\$66,909.00					\$42,624.00
660	Advertising Expenses	\$18,417.00								\$18,417.00
666	Regulatory Commission Expense - Amortization of Rate Case Expenses	\$0.00								
667	Regulatory Commission Expense - Other	\$183,052.00								\$183,052.00
668	Water Resource Conservation	\$0.00							\$602,772.00	
670	Bad Debt Expense	\$602,772.00					\$7,354.00	\$7,883.00	\$12,404.00	\$52,738.00
675	Miscellaneous Expenses	\$87,512.00			\$7,133.00		\$0.00	\$0.00	\$0.00	\$0.00
699	Taxes	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total Water Utility Expenses	\$23,432,760.00	\$790,217.00	\$31,824.00	\$5,312,629.00	\$1,414,393.00	\$3,509,344.00	\$5,185,245.00	\$3,752,772.00	\$3,436,336.00

Pumping and Purchased Water Statistics

2008	Water Purchased for Resale (Omit 000's)	Water Pumped From Plants (Omit 000's)	Total Water Pumped and Purchased (Omit 000's)	Water Sold to Customers (Omit 000's)
a	b	c	d	e
			-	
January		821,910.0	821,910.0	540,696.5
February		750,664.0	750,664.0	520,232.7
March		789,415.0	789,415.0	893,704.2
April		797,842.0	797,842.0	472,499.8
May		841,826.0	841,826.0	743,434.6
June		949,307.0	949,307.0	628,736.5
July		1,041,792.0	1,041,792.0	631,322.7
August		1,111,851.0	1,111,851.0	607,966.7
September		987,102.0	987,102.0	1,174,240.8
October		907,511.0	907,511.0	773,277.5
November		795,802.0	795,802.0	616,157.4
December		829,275.0	829,275.0	1,009,816.9
Total for year		10,624,297.0	10,624,297.0	8,612,086.3
Maximum gallons pumped by all methods in any one day: 8/4/2008				42,000.0
Minimum gallons pumped by all methods in any one day (Omit 000's): 1/1/2008				23,000.0
If water is purchased for resale, indicate the folloinwg:				
Vendor: _____				
Point of delivery: _____				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
			Maximum Daily	Maximum Monthly
Pendleton County Water District @ KY17	000's		576	17,280
Pendleton County Water District @ US27	000's		432	12,960
City of Walton	000's		1,500	45,000
Bullock Pen Water District	000's		600	18,000

Sales for Resale (466)

2008

Line	Company	Gallons(000's)	Avg. Rate (Cents)	Amount
1	Pendleton County Water Dist.	95,373.9	2.97/1,000gals	\$275,853.83
2	City of Walton	147,761.4	2.97/1,000gals	\$431,980.52
3	Bullock Pen Water District	142,398.4	2.97/1,000gals	\$410,692.50
4				
5				
6				
7				
8				
Total		385,533.7		\$1,118,526.85

WATER STATISTICS

Line	Item	Gallons (000's)
1	WATER PRODUCED, PURCHASED, & DISTRIBUTED	
2	Water Produced	10,624,297.0
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	10,624,297.0
5		
6	WATER SALES:	
7	Residential	4,407,566.7
8	Commercial	1,512,822.9
9	Industrial	926,923.0
10	Irrigation	
11	Resale	385,533.7
12	Other Sales	1,379,240
13	TOTAL WATER SALES	8,612,086.3
14		
15	OTHER WATER USED (estimate portions not metered)	
16	Utility/water treatment plant	191,491.1
17	Wastewater plant	
18	System flushing	144,435.2
19	Water main breaks/leaks	260,338.0
20	Storage tank overflow	
21	Fire Department	4,033.3
22	Other (construction, flushing, disinfection, ect.)	8,893.3
23	TOTAL OTHER WATER USED	609,190.9
24		
25	UNACCOUNTED-FOR WATER LOSS:	
26	Line 4 - (Line 13 + Line 23)	1,403,019.8
27		
28	UNACCOUNTED-FOR WATER LOSS PERCENTAGE	
29	Line 26 divided by Line 4	13.21%

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 KWH .
- 11 Give a description and total cost of any sizable additions or retirements to plant in service outside the normal system growth for the period covered by this report.
- 12 Capacity of clear well.
- 13 Peak month, in gallons of water sold.
- 14 Peak day, in gallons of water sold.

1) Kenton County 5,858; Campbell County 2,621.

2) 60.

3) Rivers: Ohio River and the Licking River.

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

5) See attached 31A.

6) See attached 31B.

7) Fort Thomas Treatment Plant

12 - Gravity, each 560 sq. ft. - Rated at 5 gpm/ft²

Taylor Mill Treatment Plant

8 - Gravity, each 270 sq. ft. - Rated at 5 gpm/ft²

Memorial Parkway Treatment Plant

8 - Gravity, each 612 sq. ft.

Actiflo 24gpm/ft²

8) See attached 31C

9) See attached 31D

10) N/A

11) None

PLANT STATISTICS Cont.

12) Fort Thomas Treatment Plant
1 - 3 million gallons
1 - 3 1/2 million gallons
Taylor Mill Treatment Plant
1 - 3 million gallons
Memorial Parkway Treatment Plant
1 - 1 million gallons
13) August 4, 2008 - 42,000,000gals
14) N/A

Water Storage Facilities
Northern Kentucky Water District
Updated: 12-31-2008

Attachment 31A

Storage Location	Address	City Location	Type Of Storage	Year In Service	Structure Height (Feet)	Base Elevation (Feet)	Top Elevation (Feet)	Overflow Elevation (Feet)	Normal Elevation (Feet)	Normal Elevation (Feet)	Diameter (Feet)	Capacity (Gallons)
Aqua Drive	100 Aqua Drive	Cold Spring	Hydropillar		184			1017				2,000,000
Barrington Road	2 Barrington Road	Ft. Wright	Hydropillar	1969	141	916.5	1057.5	1046.7	1045.0	1040.0	74	1,000,000
Bromley	1674 Highwater Road	Bromley	Ground Storage	1966	103	670.0	773.0	764.0	763.0	750.0	75	3,000,000
Dayton Avenue	2816 Dayton St.	Dayton	Ground Storage		50			829.0				500,000
Devon	US 25	Florence	Hydropillar	1991	156	939.5		1082.0		1042.0	100	2,000,000
Dudley Pike	796 Dudley Pike	Edgewood	Ground Storage	1964	59	831.0	889.5	876.0	874.0	866.0	140	5,000,000
Dudley Pike	796 Dudley Pike	Edgewood	Ground Storage	1990	59	831.0	889.5	876.0	874.0	866.0	140	5,000,000
Ft. Thomas Plant	700 Alexandria Pike	Ft. Thomas	Clearwell	1936	31	734.0	765.3	764.5	762.0	760.0		3,000,000
Ft. Thomas Plant	700 Alexandria Pike	Ft. Thomas	Clearwell	1990	35	730.0	778.5	764.5	763.5	757.5	130	3,500,000
Harrison Ave.	2361 Harrison Ave.	Bellevue	Ground Storage		60			829.0				600,000
Ida Spence	Tower Place	Covington	Elevated Tank	1952	175	840.0	1015.0	1005.0	1003.0	1000.0	57	500,000
Independence	5685 Madison Pike	Independence	Hydropillar	1981	137	943.5		1080.0		1039.5	74	1,000,000
Industrial Park	Industrial Rd. & US 25	Florence	Hydropillar	1961	146	945.5	1091.5	1083.5	1081.0	1062.0	50	500,000
John's Hill Road	Knollwood Dr.	Highland Hts.	Elevated Tank		113			1017.0				500,000
Kenton Lands Rd.	25 Kenton Lands Road	Erlanger	Elevated Tank	1953	158	896.0	1054.0	1045.0	1043.0	1033.0	50	500,000
Lumley Tank	R47 Lumley Ave.	Fort Thomas	Elevated Tank	1937	187			1017.0				275,000
Main St. Tank	Main St. & US 27	Alexandria	Elevated Tank	1962	152			1017.0				300,000
Memorial Pkwy. Plant	2055 Memorial Pkwy.	Fort Thomas	Clearwell					741.0				3,000,000
Old St. 4 Tank	Old St. Road #4	Claryville	Elevated Tank	1976	143			1017.0				1,000,000
Rossford Tank	Marion Dr.	Fort Thomas	Elevated Tank	1962	191			1017.0				300,000
South Newport Tank	Kentucky Drive	Newport	Elevated Tank		155			965.0				1,000,000
Taylor Mill Plant	608 Grand Ave.	Taylor Mill	Clearwell		15	509.5	524.5	522.0	520.0	518.0		1,000,000
Taylor Mill Standpipe	5907 Taylor Mill Rd.	Taylor Mill	Standpipe		143			1010.0	130.0	110.0		329,000
Claryville Tank	Old St. Road #4	Alexandria	Elevated Tank	2008	152	864.0		1017.0			66	750,000
Total storage owned by NKWSD:											36,554,000	

Size	Type	2007 YTD TOTALS	2007 Miles	2007 Percent	2008 Additions	2008 Retirements	2008 YTD TOTALS	2008 Miles	2008 Percent
2"	Cast Iron	45.00	0.01	0.001%			45.00	0.009	0.001%
3"	Cast Iron	-	-	0.000%			-	0.000	0.000%
4"	Cast Iron	372,101.68	70.47	6.221%	437.00	9,844.00	362,694.68	68.692	6.017%
6"	Cast Iron	1,911,309.74	361.99	31.955%	1,106.00	8,159.00	1,904,256.74	360.655	31.591%
8"	Cast Iron	1,193,431.17	226.03	19.953%	18,400.00	7,160.00	1,204,671.17	228.157	19.985%
10"	Cast Iron	135,106.54	25.59	2.259%			135,106.54	25.588	2.241%
12"	Cast Iron	669,707.48	126.84	11.197%	14,967.00	6,045.00	678,629.48	128.528	11.258%
16"	Cast Iron	293,423.08	55.57	4.906%			293,423.08	55.573	4.868%
18"	Cast Iron	1,949.00	0.37	0.033%			1,949.00	0.369	0.032%
20"	Cast Iron	130,867.79	24.79	2.188%	699.00	926.00	130,640.79	24.743	2.167%
24"	Cast Iron	97,522.00	18.47	1.630%	15,066.00		112,588.00	21.323	1.868%
30"	Cast Iron	28,563.00	5.41	0.478%	736.00		29,299.00	5.549	0.486%
36"	Cast Iron	23,548.21	4.46	0.394%	607.00		24,155.21	4.575	0.401%
42"	Cast Iron	18,523.00	3.51	0.310%			18,523.00	3.508	0.307%
				0.000%					0.000%
20"	Concrete	6,050.00	1.15	0.101%			6,050.00	1.145	0.100%
24"	Concrete	21,530.00	4.08	0.360%			21,530.00	4.077	0.357%
36"	Concrete	35,000.00	6.63	0.585%			35,000.00	6.629	0.581%
				0.000%					0.000%
2"	Galvanizec	375.00	0.07	0.006%			375.00	0.071	0.006%
				0.000%					0.000%
4"	Transite	50,241.00	9.52	0.840%			50,241.00	9.515	0.833%
6"	Transite	94,528.00	17.90	1.580%			94,528.00	17.903	1.568%
				0.000%					0.000%
1 1/2"	Steel	226.00	0.04	0.004%			226.00	0.043	0.004%
2"	Steel	677.00	0.13	0.011%			677.00	0.128	0.011%
4"	Steel	83.00	0.02	0.001%			83.00	0.016	0.001%
6"	Steel	11.00	0.00	0.000%			11.00	0.002	0.000%
8"	Steel	31.00	0.01	0.001%			31.00	0.006	0.001%
10"	Steel	15.00	0.00	0.000%			15.00	0.003	0.000%
12"	Steel	1,681.00	0.32	0.028%			1,681.00	0.318	0.028%
16"	Steel	582.00	0.11	0.010%			582.00	0.110	0.010%
24"	Steel	549.00	0.10	0.009%			549.00	0.104	0.009%
3/4"	Copper	52.00	0.01	0.001%			52.00	0.010	0.001%
1"	Copper	3,787.00	0.72	0.063%			3,787.00	0.717	0.063%
1 1/2"	Copper	4,150.00	0.79	0.069%			4,150.00	0.786	0.069%
2"	Copper	12,648.30	2.40	0.211%			12,648.30	2.396	0.210%
				0.000%					0.000%
1"	Plastic	2,973.00	0.56	0.050%			2,973.00	0.563	0.049%
1 1/2"	Plastic	2,292.00	0.43	0.038%			2,292.00	0.434	0.038%
2"	Plastic	74,396.00	14.09	1.244%	1,645.00		76,041.00	14.402	1.262%
3"	Plastic	108,846.00	20.61	1.820%			108,846.00	20.615	1.806%
4"	Plastic	29,539.00	5.59	0.494%			29,539.00	5.595	0.490%
6"	Plastic	145,941.60	27.64	2.440%	3,210.00	1,531.00	147,620.60	27.958	2.449%
8"	Plastic	501,744.00	95.03	8.389%	20,815.00		522,559.00	98.970	8.669%
12"	Plastic	7,145.00	1.35	0.119%	2,584.00		9,729.00	1.843	0.161%
TOTAL		5,979,183.59		1,132.80	78,265.00	31,658.00	6,025,790.59	1,141.63	

**Northern Kentucky Water District
Chlorinators and Sodium Hypochlorite Feeders In System
Updated 12/31/2008**

Attachment 31C

Location	# of Units	Form of Chlorine	Type	Capacity (ea.)
Bromley Pump Station	1	Sodium Hypochlorite	Jesco Pump	1.3 GPH
West Covington Pump Station	1	Sodium Hypochlorite	Jesco Pump	2.8 GPH
Bristow Road Pump Station	1	Sodium Hypochlorite	Jesco Pump	5 GPH
Dudley Pump Station	2	Sodium Hypochlorite	Jesco Pump	12 GPH
Fort Thomas Treatment Plant	8	Sodium Hypochlorite	Watson Marlow	77 GPH
	5		Watson Marlow	22.5 GPH
Taylor Mill Treatment Plant		Sodium Hypochlorite		
Ohio River Pump Station	4	Sodium Hypochlorite	Milton Roy Max Roy B	195 GPH
Memorial Pky Treatment Plant	1	Sodium Hypochlorite	Watson Marlow	9.1 GPH
	2	Sodium Hypochlorite	Seepex	8 GPH

Booster Pumping Station Facilities
Northern Kentucky Water District
Updated 12/31/2008

Pump Stations

Attachment 31D

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	2005	1250	4160	AUTO	8,400	430	HIGH
		2	VT	2005	1250	4160	AUTO	8,400	430	HIGH
		3	VT	1997	1250	4160	AUTO	8,400	430	HIGH
		4	VT	2009	1250	4160	AUTO	8,400	430	HIGH
		5	VT	1999	1250	4160	AUTO	8,400	430	HIGH
		6	VT	2005	1250	4160	AUTO	9,000	430	HIGH
Latonia Ave. and 35th St.	Covington (Const. 1953)	1	HC	2007	75	440	AUTO	700	400	HIGH
		2	HC	2008	75	440	AUTO	700	400	HIGH
Bromley	Bromley	1	VT	1968	60	440	AUTO	500	340	HIGH
		2	VT	1986	75	440	AUTO	700	315	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	1997	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	2007	600	460	AUTO	6000	282	HIGH
		7	VT	2008	600	460	AUTO	6000	282	HIGH
		8	VT	2006	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
		4	VT	2006	350	440	AUTO	3500	300	HIGH
		5	VT	2006	350	440	AUTO	3500	300	HIGH
		6	VT	2006	350	440	AUTO	3500	300	HIGH
Ripple Creek	Cold Spring	1	VC	1991	75	440	AUTO	2050	100	LOW
		2	VC	2008	75	440	AUTO	2050	100	LOW
		3	VC	2007	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	2008	75	440	AUTO	3675	64	LOW
		2	VC	2008	200	440	AUTO	5300	64	LOW
		3	VC	2008	200	440	AUTO	5300	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

NORTHERN KENTUCKY
WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Current Schedule of Outstanding Bonds,
Notes, and other Indebtedness

Balance Sheet

Income Statement

NORTHERN KENTUCKY
WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Current Schedule of Outstanding Bonds,
Notes, and other Indebtedness

Northern Kentucky Water District
 Schedule of Outstanding Debt
 As of July 31, 2009

Description	Amount
Bonds	
1997	2,830,000
1998	8,725,000
2000 Rural Development Loan	2,085,000
2001	14,595,000
2002 A	42,905,000
2002 B	6,615,000
2003 A	1,400,000
2003 B	25,050,000
2003 C	16,300,000
2004	9,040,000
2006	27,230,000
2009	28,290,000
Total Bonds	\$ 185,065,000
Notes	
KIA Loan	3,348,035
Taylor Mill purchase note	\$ 1,625,000
Deferred note payable	100,000
Total Notes	\$ 1,725,000
Total Debt	\$ 186,790,000

NORTHERN KENTUCKY
WATER DISTRICT

42" Water Transmission Main
U.S. 27 and Mook Road

Campbell County, Kentucky

Project 184-076

Balance Sheet and
Income Statement

Northern Kentucky Water District
Balance Sheet
As of July 31, 2009

	2009	2008
ASSETS		
CURRENT ASSETS		
Cash and Cash Equivalents	\$11,623,885	\$10,171,259
Accrued Interest Receivable	17,516	
Accounts Receivable		
Customers	3,429,417	3,804,619
Unbilled Customers	4,700,000	4,200,000
Other	31,081	5,855
Assessments Receivable	82,711	77,906
Inventory Supplies for New Installation and Maintenance, at Cost	1,104,915	1,331,718
Prepaid Items	151,024	334,045
TOTAL CURRENT ASSETS	21,140,549	19,925,402
RESTRICTED ASSETS		
Boone/Florence Settlement Account	2,429,818	2,843,141
Bond Proceeds Fund	10,615,523	18,506,654
Debt Service Reserve Account	19,220,114	14,052,216
Debt Service Account	4,151,477	4,701,175
Improvement, Repair & Replacement	(145,216)	2,308,973
TOTAL RESTRICTED ASSETS	36,271,716	42,412,159
NONCURRENT ASSETS		
Miscellaneous Deferred Charges	8,767,011	8,906,742
Capital assets:		
Land, System, Buildings and Equipment	290,444,421	284,121,717
Construction in Progress	50,163,129	37,306,137
Total capital assets before accumulated depreciation	340,607,550	321,427,854
Less Accumulated Depreciation	(73,983,112)	(67,918,958)
Total capital assets before accumulated depreciation	266,624,438	253,508,896
TOTAL NONCURRENT ASSETS	275,391,449	262,415,638
TOTAL ASSETS	332,803,714	324,753,199

Northern Kentucky Water District
Balance Sheet
As of July 31, 2009

	2009	2008
LIABILITIES AND RETAINED EARNINGS		
CURRENT LIABILITIES		
Current Portion of Long Term Debt	\$6,854,527	\$6,025,000
Accounts Payable	1,529,958	1,738,568
Accrued Payroll & Liabilities	336,433	87,548
Other Accrued Liabilities	94,925	109,559
TOTAL CURRENT LIABILITIES	8,815,843	7,960,675
CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS		
Accounts Payable	1,032,180	1,049,510
Accrued Interest Payable	3,877,510	725,755
TOTAL CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS	4,909,690	1,775,265
LONG-TERM DEBT		
Long-Term Portion of Bonded Indebtedness	184,367,872	163,185,888
Bond Anticipation Notes Payable		27,165,000
Note Payable - Taylor Mill	1,275,000	1,375,000
Deferred Note Payable	100,000	100,000
TOTAL LONG-TERM DEBT	185,742,872	191,825,888
TOTAL LIABILITIES	199,468,405	201,561,828
Unrestricted Retained Earnings	104,484,317	94,340,379
TOTAL NET ASSETS	133,335,309	123,191,371
TOTAL LIABILITIES AND NET ASSETS	332,803,714	324,753,199

Northern Kentucky Water District
Revenue Actual to Actual
For the Seven Months Ending July 31, 2009

Acct. #	Description	July 2009	July 2008	Variance	YTD 2009	YTD 2008	Variance
	Revenue						
(461 TO 466...	Water Sales	\$2,969,430	\$3,121,698	5%	\$21,659,979	\$20,262,635	(7%)
(470 TO 470)	Forfited Discounts	63,017	97,329	35%	440,875	512,380	14%
(4720001000...	Rents from Water Property	46,428	39,930	(16%)	265,335	275,850	4%
(471 TO 471...	Other Water Revenues	23,680	33,760	30%	164,730	218,350	25%
	Total Operating Revenues	<u>3,102,555</u>	<u>3,292,717</u>	6%	<u>22,530,919</u>	<u>21,269,215</u>	(6%)
	Non-Operating Income						
4190001000 ...	Interest Income	33,084	121,218	73%	271,130	1,006,214	73%
(474 TO 474...	Miscellaneous	12,275	699	(1,656%)	110,298	85,721	(29%)
	Total Non-Operating Income	<u>45,359</u>	<u>121,917</u>	63%	<u>381,428</u>	<u>1,091,935</u>	65%
	Total Revenues	<u><u>3,147,914</u></u>	<u><u>3,414,634</u></u>	8%	<u><u>22,912,347</u></u>	<u><u>22,361,150</u></u>	(2%)