COMMONWEALTH OF KENTUCKY

RECEVED

#### BEFORE THE PUBLIC SERVICE COMMISSION

SEP 01 2010

PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF NORTHERN KENTUCKY WATER DISTRICT FOR APPROVAL OF THE DUDLEY PUMP STATION 36 INCH REDUNDANCY WATER MAIN CONSTRUCTION, AND ISSUANCE OF A CERTIFICATE OF CONVENIENCE AND NECESSITY

) CASE NO. 2010- 0035 |

#### APPLICATION FOR APPROVAL OF CONSTRUCTION

Northern Kentucky Water District (NKWD), by counsel, petitions for an order approving the construction of a 36 inch water main from the Dudley Pump Station pursuant to KRS 278.020.

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

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

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

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

4. NKWD serves retail customers in Kenton, Boone and Campbell Counties and sells water at wholesale to non-affiliated water distribution systems in Boone, Pendleton, and Grant Counties. 5. NKWD proposes to construct a new 36 inch water main from the Dudley Pump Station as a redundant backup for the existing main as described in Exhibit A. The District currently has a 36 inch concrete main that runs from the Dudley Pump Station into the 1080 pressure zone, which is the primary feed for a large portion of Kenton County, including the Greater Cincinnati Airport and St. Elizabeth Hospital in Edgewood. Because of the demand on this main, it cannot be taken out of service during peak demand periods, limiting repairs to late fall and early spring. There have been a number of leaks recently, which have been difficult to repair due to the steep topography in the area of a portion of the main and limited access to the cross county portion of the main.

The District's Master Hydraulic Plan recommended redundancy of this main, which will strengthen the existing system and improve system reliability. The project will consist of approximately 6,100 linear feet of 36 inch restrained joint and non-restrained joint ductile iron pipe along Horsebranch Road from Right Fork Road to Rhine Valley to Centre View in Crestview Hills..

Two paper copies of the Maps, Plans, Specifications and Bid Documents are provided as a separate bound document. The estimated cost is \$1,850,000.00. The District proposes to finance the project with the 2010 BAN.

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

7. The total project cost is approximately \$1,850,000.00. See Exhibits C and D. The District has received all approvals from the DOW for the Plans and Specifications and funding for these improvements.

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

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

10. The proposed construction project, identified in Exhibit A, is scheduled to begin construction in December, 2010 and be substantially completed in March, 2011. Board approval of the project was given on August 26, 2010, attached as Exhibit C. Bid information is included with Exhibit C. Bids expire on November 15, 2010.

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

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

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

14. The construction costs will be funded by the issuance of a BAN in 2010.

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

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

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

18. The start date for construction; 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 E.

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

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

22. No rate adjustment is being proposed.

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

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

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

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

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

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

#### Exhibit E.

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

c. There is no refunding or refinancing;

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

#### Exhibit A

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

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

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

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

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

a. No stock is authorized.

b. No stock is issued.

c. There are no stock preferences.

d. Mortgages are listed in Exhibit F.

e. Bonds are listed in Exhibit F.

f. Notes are listed in Exhibit F.

g. Other indebtedness is listed in Exhibit F.

h. No dividends have been paid.

i. Current balance sheet and income statement are attached as Exhibit G.

28. The project will be included in USoA plant account 309.2 - Supply Mains.

29. Depreciation cost and debt service are estimated in Exhibit D.

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

SUBMITTED BY: John N. Hughes 1/24 W. Todd St. Frankfort, KY 40601

Attorney for Northern Kentucky Water District

Section 8(1)	Full name and post office address of applicant and a reference to the particular provision of law requiring Commission approval.	Application		
Section 8(2)	The original and 10 copies of the application with an y additional copy for any party named therein as an interested party.			
Section 8(3)	If applicant is a corporation, a certified copy of the Articles of Incorporation and all amendments thereto <u>or</u> if the articles were filed with the PSC in a prior proceeding, a reference to the style and case number of the prior proceeding.	n/a		
Section 9(2) (a) The facts relied upon to show that the proposed new construction is or will be required by public convenience or necessity.		Exhibit A		
	(b) Copies of franchises or permits, if any, from the proper public authority for the proposed new construction or extension, if not previously filed	Exhibit B		

	with the commission.	
	(c) A full description of the proposed location, route, or routes of the new construction or extension, including a description of the manner in which same will be constructed, and also the names of all public utilities, corporations, or persons with whom the proposed new construction or extension is likely to compete.	Exhibit A
	(d) Three (3) maps to suitable scale (preferably not more than two (2) miles per inch) showing the location or route of the proposed new construction or extension, as well as the location to scale of any like facilities owned by others located anywhere within the map area with adequate identification as to the ownership of such other facilities.	Exhibit A
	(e) The manner, in detail, in which it is proposed to finance the new construction or extension.	Exhibits A, D
	(f) An estimated cost of operation after the proposed facilities are completed.	Exhibit D
KRS 322.340	Engineering plans, specifications, plats and report for the proposed construction. The engineering documents prepared by a registered engineer, requires that they be signed, sealed, and dated by an engineer registered in Kentucky.	Exhibit A
Section 8(1)	Full name and post office address of applicant and reference to the particular provision of law requirin Commission approval.	1
Section 8(2)	The original and 10 copies of the application with a additional copy for any party named therein as a interested party.	
Section 8(3)	If applicant is a corporation, a certified copy of the Articles of Incorporation and all amendments thereto	, , , , , , , , , , , , , , , , , , , ,
Section 8(3)	•••	,

KRS 278.300(2)	if the articles were filed with the PSC in a prior proceeding, a reference to the style and case number of the prior proceeding. Every financing application shall be made under oath, and shall be signed and filed on behalf of the utility by its president, or by a vice president, auditor, comptroller or other executive officer having knowledge of the matters set forth and duly designated by the utility.	N/A
807 KAR 5:001: Section	Description of applicant's property.	
11(1)(a)	Statement of original cost of applicant's property and the cost to the applicant, if different.	Exhibit E
Section	If stock is to be issued: and kinds to be issued.	none
11(1)(b)	Description of amount and kinds to be issued.	
	If preferred stock, a description of the preferences.	none
	If Bonds or Notes or Other Indebtedness is proposed:	Exhibits E, F
	Description of the amount(s)	<b>L</b> , <b>I</b>
	Full description of all terms	
	Interest rates(s)	
	Whether the debt is to be secured and if so a description of how it's secured.	
Section 11(1)(c)	Statement of how proceeds are to be used. Should show amounts for each type of use (i.e., property, debt refunding, etc.)	Exhibit A
807 KAR 5:001: Section 11(1)(d)	If proceeds are for property acquisition, give a full description thereof. Supply any contracts.	n/a
Section	If proceeds are to refund outstanding obligations, give:	n/a
11(1)(e)	Par value	

	Amount for which actually sold	
	Expenses and application of proceeds	
	Date of obligations	
	Total amount	
	Time held	
	Interest rate	
	Payee	
Section 11(2)(a)	Financial Exhibit (see below)	
Section 11(2)(b)	Copies of all trust deeds or mortgages. If previously filed, state case number.	Exhibit E
Section 11(2)(c)		Exhibit A
	Maps and plans of property.	
Section 11(2)(c)	Detailed estimates by USOA account number.	Application

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

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

	Sinking Fund Provisions	
Section 6(5)	Bonds	Exhibit
	Amount Authorized	<u>E,F</u>
	Amount Issued	
	Name of Utility Who Issued	
	Description of Each Class Issued	
	Date of Issue	
	Date of Maturity	
	How Secured	
	Interest Paid in Last Fiscal Year	
Section 6(6)	Notes Outstanding:	Exhibit
	Date of Issue	E,F
	Amount	
	Maturity Date	
	Rate of Interest	
	In Whose Favor	
	Interest Paid in Last Fiscal Year	
Section 6(7)	Other Indebtedness:	
	Description of Each Class	
	How Secured	
	Description of Any Assumption of Indebtedness by Outside Party (i.e., any transfer)	
	Interest Paid in Last Fiscal Yr.	none

Section 6(8)	Rate and amount of dividends paid during the five (5) previous fiscal years and the amount of capital stock on which dividends were paid each year.	None
Section 6(9)	Detailed income statement and balance sheet.	Exhibit G

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

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### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

### **Project Description**

#### **Dudley Discharge 36-inch Redundancy Project**

#### Kenton County, Kentucky

#### Project 184-643

#### Project Description:

#### Existing Conditon:

- The District maintains a 36-inch concrete water main that runs from the Dudley Pump Station into the 1080 pressure zone. This water main is the primary feed for the 1080 pressure zone which feeds a large portion of Kenton County, including the Airport and St. Elizabeth Hospital, Edgewood.
- This 36-inch water main feed to the 1080 pressure zone is the District's main feed. It cannot be taken down during normal to high demand periods, which limits the work time from late fall to early spring. If a leak would occur during other periods, the repair may be postponed until demands decrease.
- The District has experienced several leaks on the 36-inch concrete water main which were challenging to repair due to the steep topography and limited access for the cross-county portion of this water main.

#### Proposed Project:

- •
- The District's Hydraulic Master Plan recommended this redundancy water main to the existing 36-inch concrete water main. This water main improvement project will help strengthen the existing system and improve system reliability.
- This project involves construction of approximately 6,100 linear feet of 36-inch restrained joint and non-restrained joint ductile iron pipe along Horsebranch Road from Right Fork Road to Rhine Valley and along Rhine Valley from Horsebranch Road to Centre View Blvd. in Crestview Hills.

### NORTHERN KENTUCKY WATER DISTRICT Dudley Discharge 36-inch Redundancy Project

#### TABLE OF CONTENTS

<u>EXHIBIT</u>	TITLE	
А	ENGINEERING REPORTS AND INFORMATION (1) Project map	
	(2) Engineer's opinion of probable total construction cost	
	(3) System Hydraulic Model	
	(4) Cardinal Engineering plans titled "Dudley Discharge 36" Redundancy Project" dated August 31, 2010, sealed by a P.E.	
	(5) Cardinal Engineering specifications titled "Dudley Discharge 36" Redundancy Project" dated August 31, 2010, sealed by a P.E.	
В	Certified statement from an authorized utility Official confirming:	
	(1) Affidavit	
	(2) Franchises	
	(3) Plan review and permit status	
	(4) Easements and Right-Of-Way status	
	(5) Construction dates and proposed date in service	
	(6) Plant retirements	
С	BID INFORMATION AND BOARD MEETING MINUTES Bid tabulation, Engineer's recommendation of award, Board Meeting Minutes.	
D	PROJECT FINANCE INFORMATION Customers added and revenue effect, Debt issuance and source of debt, Additional costs and operating and maintenance, USoA plant account, Depreciation cost and debt service after construction.	
E	PSC ANNUAL REPORT - 2009	
F	SCHEDULE OF MORTGAGES, BONDS, NOTES, AND OTHER INDEBTEDNESS	
G	CURRENT BALANCE SHEET AND INCOME STATEMENT	

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_A

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

### ENGINEERING REPORTS AND INFORMATION

Project Map

System Hydraulic Model

Engineer's Opinion of Probable Total Construction Cost

Plans prepared by Cardinal Engineering (See Attached)

Specifications prepared by Cardinal Engineering (See Attached)

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_A

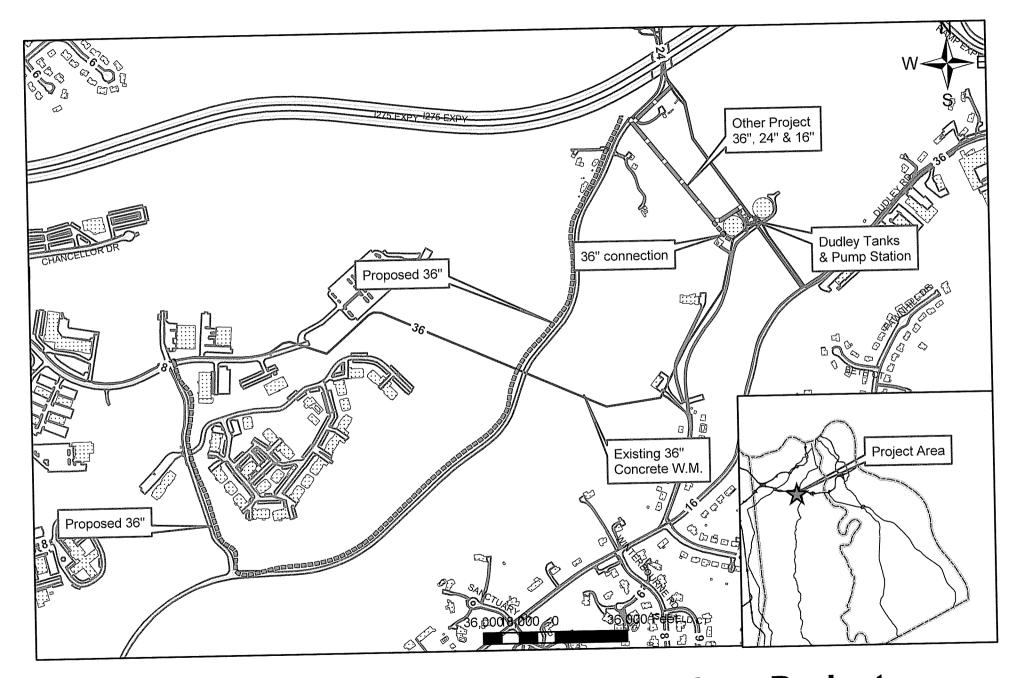
### NORTHERN KENTUCKY WATER DISTRICT

Dudley Discharge 36-inch Redundancy Project

Kenton County, Kentucky

Project 184-643

Project Map



**Dudley Discharge 36-inch Redundacy Project** 

Case No. 2010-\_\_\_ Exhibit \_\_\_\_C

### NORTHERN KENTUCKY WATER DISTRICT

Dudley Discharge 36-inch Redundancy Project

Kenton County, Kentucky

Project 184-643

System Hydraulic Model



#### FIRE FLOW CERTIFICATION

#### Dudley Discharge 36" Redundancy Project Parts 2 and 3 City of Crestview Hills Kenton County, KY January 11<sup>th</sup>, 2010

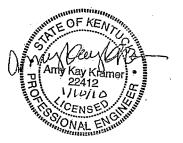
I certify that the proposed improvements meet the 807 KAR 5:066, Section 10b regulation for fire flow protection relating to KRS Chapter 278. I am certifying that "the system can provide a minimum fire flow of 250 gallons per minute; and the water system supporting this flow has the capability of providing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

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

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

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

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





#### HYDRAULIC AND FLUSHING VELOCITY CERTIFICATION

#### Dudley Discharge 36" Redundancy Project Parts 2 and 3 City of Crestview Hills Kenton County, KY January 11<sup>th</sup>, 2010

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

This main is strictly a transmission main and there are no customers supplied directly from this main. The maximum flow rate that can reliably be supplied to the main and meet 20 psi in the system under maximum hour conditions is 8,000 gpm. At least 30 psi can be maintained under the peak domestic demand.

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

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

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

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



Dudley Discharge 36" Redundancy Project Parts 2 and 3 Crestview Hills Kenton County, Kentucky Output from InfoWater model - copied to Excel January 11th, 2010

# Water District

### Maximum Hour Run for Potential Customers

laximum Hour Run, affected Customers					
ID	Demand, gpm	Elevation, ft	Grade, ft	Pressure, psi	
J182	0	563	1,117.8	240.4	
J184	0	610	1,120.6	221.2	
J186	0	722	1,117.8	.171.5	
J188	0	837	1,117.8	121.7	
J190	0	610	1,117.8	220.0	

#### **Flushing Velocities Under Maximum Hour**

#### 36" Main from I-275 to Centre View Blvd

to main nomini zro to contro them bird					
Flushing velocity 2.5 fps for new 36" pipe (under max hour)					
ID	Demand, gpm	Elevation, ft	Grade, ft	Pressure, psi	1 .
J182	7,932	563	1,070.3	219.8	
J184	0	610	1,078.8	203.1	· ·
J186	0	722	1,073.3	152.2	
J188	0	837,	1,074.3	102.8	
J190	0	610	1,071.6	200.0	
J192	0	820	1,082.6	113.8	
J194	0	826	1,082.6	111.2	
Pipe Information	n for flushing velo	city at 2.5 fps for	new 36" pipe		· · ·
Pipe ID	Length, ft	Diam, inch	Flow, gpm	Velocity, fps	Roughness
P313	2,139	36	7,932	2.5	120
P315	2,578	36	7,932	2.5	120
P317	1,543		7,932	2.5	120

#### 36" Main near Tanks

11 - A 2 - 14

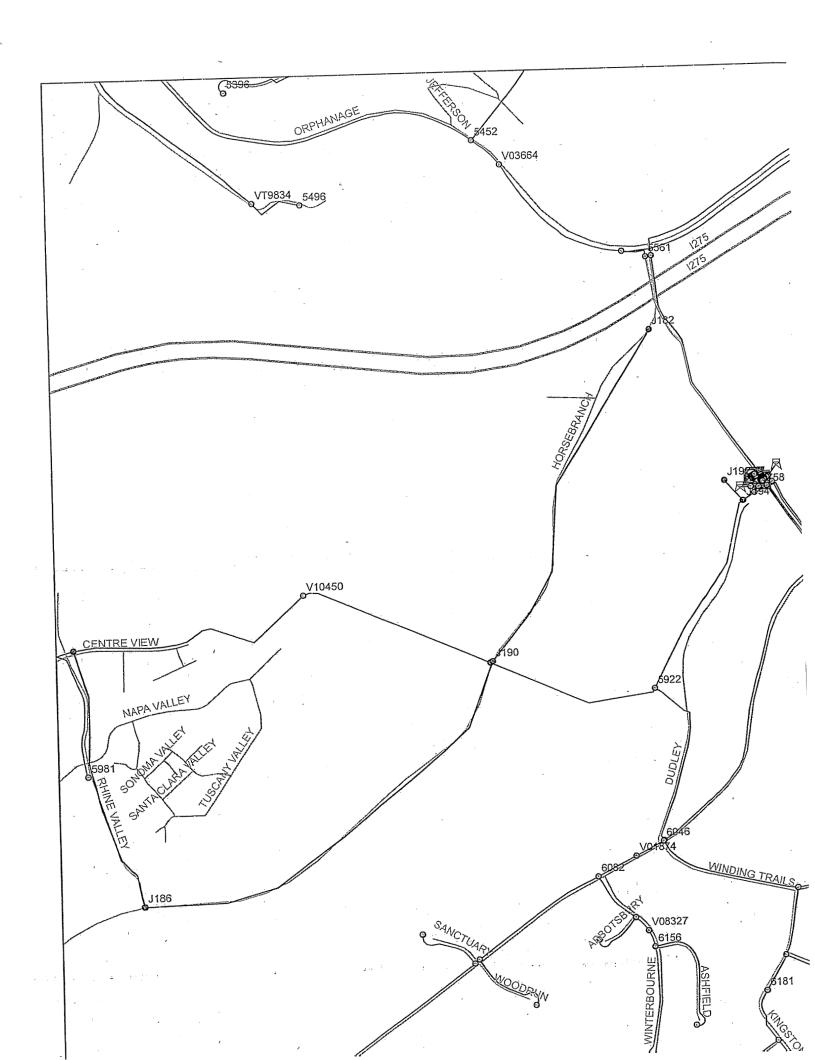
Flushing velocity 2.5 fps for new 36" pipe (under max hour)					1 .
ID	Demand, gpm	Elevation, ft	Grade, ft	Pressure, psi	<b>.</b> .
J182	0	563	1,075.9	222.3	]
J184	0	610	1,076.6	202.2	
J186	0	722	1,075.9	153.4	
J <u>1</u> 88	0	837	1,075.9	103.5	
J190	_ 0	610	1,075.9	201.9	
J192	7,932	820	1,077.1	111.4	
J194	0	826	1,077.2	108.8	
Pipe Information for flushing velocity at 2.5 fps for new 36" pipe					
Pipe ID	Length, ft	Diam, inch	Flow, gpm	Velocity, fps	Roughness
P325	165	36 ,	7,932	2.5	120

### Maximum Available Flow Under Maximum Hour

		the second s	No. of Concession, Name of Concession, Name of Concession, Name			
Maximum Hour Run, Maximum Available Flow						
ID	Demand, gpm	Elevation, ft	Grade, ft	Pressure, psi		
J182	8,000	563	1,070.0	219.7		
J184	. 0 .	610	1,078.6	203.0		
J186	0	722	1,073.1	152.1		
J188	· 0 .	837	1,074.1	102.7		
J190	0	610	1,071.4	199.9		
J192	0	820	1,082.4	113.7		
J194	0	826	1,082.4	111.1		

91.1

Pipe ID	From Node	<u>To Node</u>
P313	J182	J190
P315	J190	J186
P317	J186	J188
P321	J190	J184
P325	J194	J192



Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_A\_\_\_\_

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

Engineer's Opinion Of Probable Construction Cost

DUDLEY DISCHARGE PARTS 2 & 3					
ltem No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost
1	6.01 CLASS 250 DUCTILE IRON PIPE <i>(36-inch)</i> WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110)	LF	5053	\$285.00	\$1,440,105.00
2	6.02 CLASS 250 DUCTILE IRON PIPE INTERNAL RESTRAINED JOINT <i>(36-inch)</i> WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110, Thelen Details x & x)		1029	\$335.00	\$344,715.00
3	7.01 CONNECT TO EXISTING 36-INCH MAIN	EA	4	\$5,000.00	\$20,000.00
4	8.01 INSTALL HIGH PRESSURE FIRE HYDRANT ASSEMBLY WITH VERTICAL CONNECTION	EA	5	\$4,000.00	\$20,000.00
5	9.01 RESILIENT SEATED GATE VALVE (36-inch)	EA	2	\$15,000.00	\$30,000.00
6	11.01 CONCRETE ENCASEMENT	LF	112	\$150.00	\$16,800.00
7	11.02 4-INCH RIGID PERFORATED PVC UNDERDRAIN	LF	357	\$16.00	\$5,712.00
8	11.05 AIR RELEASE VALVE (2-inch ARV and service line materials provided by NKWD)	EA	1	\$1,500.00	\$1,500.00
9	11.06 ANCHORING TEE AND BLOCK (36-inch x 36- inch x 6-inch)	EA	5	\$5,000.00	\$25,000.00
10	11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36- inch x 24-inch)	EA	1	\$7,000.00	\$7,000.00
11	11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36- inch x 36-inch)	EA	1	\$8,200.00	\$8,200.00
12	11.12 36-INCH DUCTILE IRON BEND (11-1/4 Degree)	EA	8	\$3,800.00	\$30,400.00
13	11.12 36-INCH DUCTILE IRON BEND (22-1/2 Degree)	EA	2	\$3,800.00	\$7,600.00
14	11.12 36-INCH DUCTILE IRON RESTRAINED BEND (11-1/4 Degree)	EA	6	\$4,500.00	\$27,000.00
15	11.12 36-INCH DUCTILE IRON RESTRAINED BEND (22-1/2 Degree)	EA	7	\$4,500.00	\$31,500.00
16	11.12 24-INCH DUCTILE IRON RESTRAINED BEND (45 Degree)	EA	2	\$5,500.00	\$11,000.00
17	11.13 CORROSION TEST STATION	EA	9	\$1,500.00	\$13,500.00
18	11.14 CORROSION PROTECTION SYSTEM	EA	61	\$500.00	\$30,500.00
19	12.05 ASPHALTIC CONCRETE MILLING AND PAVING	SY	110	\$11.00	\$1,210.00

ltem No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost
20	12.11 CONCRETE CURBING	LF	30	\$30.00	\$900.00
21	12.12 CONCRETE SIDEWALK	SY	5	\$50.00	\$250.00
22	12.14 BEST MANAGEMENT PRACTICES	LS	1	\$5,000.00	\$5,000.00
23	12.15 REMOVE EXISTING TREES	LS	1	\$3,000.00	\$3,000.00
24	12.16 REMOVE AND REINSTALL GUARDRAIL	LF	50	\$40.00	\$2,000.00
25	12.17 TEMPORARY CHAIN LINK FENCE	LF	20	\$35.00	\$700.00
26	12.18 CONCRETE BANK RESTORATION IN CREEK	SY	14	\$75.00	\$1,050.00
27	12.19 REMOVE AND REINSTALL EXISTING CHAIN LINK FENCE	LF	95	\$40.00	\$3,800.00
28	12.20 REMOVE AND REPLACE EX. 15" CULVERT AND HEADWALLS	LF	22	\$40.00	\$880.00
29	12.20 REMOVE AND REPLACE EX. 18" CULVERT AND HEADWALLS	LF	35	\$43.00	\$1,505.00
30	12.21 REMOVE AND REPLACE EX. CONCRETE WALL	LF	10	\$150.00	\$1,500.00
	TOTAL BASE BID COST OPINIC	)N			\$2,092,327.00
	Note: See section 01025 Measurement and Payment for bid Bidder selection will be based upon the lowest "TOTAL BASE	form definitio E BID"	ons		

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_A

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

Plans prepared by Cardinal Engineering (See Attached)

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_A

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

Specifications prepared by Cardinal Engineering (See Attached)

.

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_\_B

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

### CERTIFIED STATEMENTS

Affidavit

Franchises

Plan Review and Permit Status

Easements and Right-of-Way Status

Construction Dates and Proposed Date In Service

Plant Retirements

#### **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 "Dudley Discharge 36-inch Redundancy Project" Application and knows the contents thereof, and that the same is true of his own knowledge, except as to matters which are therein stated on information or belief, and that is to those matters he believes them to be true.

Jack Bragg

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, 

NOTARY PUBLIC Kenton County, Kentucky My commission expires <u>May 13</u> 2011



Franchises required - None

<u>Plan Review and Permit Status</u> - The District has reviewed and approved the specifications prepared Cardinal Engineering titled "Dudley Discharge 36" Redundancy Project" dated November 2009.

The District received approval from the Division of Water on February 18, 2010 (see attached letter).

Easements and Right-of-Way Status – Easements for this project have been secured and Right-of-Way statements have been submitted.

Start date of construction -- December 1, 2010

Proposed date in service - March 1, 2011

<u>Plant retirements</u> – No plant retirements.

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_\_B\_\_\_\_

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

### PLAN REVIEW AND PERMIT STATUS

Approval Letter from Kentucky Division of Water

184-643



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 18, 2010

RECEIVED

FEB 2-4 2010

ENGINEERING DEPT.

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

> RE: Northern KY Water Service AI # 2485, APE20100002 PWSID # 0590220-10-002 Dudley Discharge 36-inch Redundancy Project Parts 2&3 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 6,000 linear feet of 36-inch. 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. Abbas Pourghasemi at 502-564-3410.

Sincerely,

alether W. Dharmon

Solitha Dharman, PE Supervisor, Engineering Section Water Infrastructure Branch Division of Water

SWD:AGP

Enclosures

C: Viox & Voix Inc Campbell County Health Department Division of Plumbing

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## Distribution-Water Line Extension

Northern KY Water Service Subject Item Inventory

Activity ID No.: APE20100002

Subject Ite	em Inventory:	Description
ID	Designation	
		of 6 000 linear feet of 36-inch DI
AI002485		Construction of 6,000 linear feet of 36-inch DI
PORT194		
a Linat I	tem Groups: Description Construction of 6,000 linear feet of	of 36-inch DI PORT194 Construction of 6,000 linear feet of 36-inch DI AIOO2485
<u> </u>		
		AIOO = Agency Interest
KEY		COMB = Combustion
ACTV =	Activity	MNPT = Monitoring Point
AREA =	= Area = Equipment	MNPT = Monitoring PORT = Transport STRC = Structure
PERS =	= Personnel	
STOR	= Storage	
In the second	= Treatment	

### Distribution-Water Line Extension Northern KY Water Service

Facility Requirements

Activity ID No.: APE20100002

# GACT0000000191 (waterline) Constrction of 6,000 linear feet of 36-inch:

Monitoring Requirements:

Condition No.	Parameter	Condition The presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or The presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or The presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new or the presence of total Coliform monitored by sampling and analysis as needed shall be determined for the new of the presence of t
M-I	Comona	The presence or absence of total Coliform monitored by sampling and analysis as needed shall be determined to introduce of intervals. Take samples at connection points to existing lines, at 1 mile intervals, and at dead ends without omitting 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 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:

Suomna		
Colifo	rm:	
Condition No.	Condition	
S-1	Coliform For new construction projects, the distribution system, using following disinfection and flushing. [401 KAR 8:150 Section	he most expedient method, shall submit Coliform test results to the Cabinet: Due immediately 4(2)] .
Condition	Condition	Changes to the approved plan shall not

No.	Condition
	the approved plan submit information: Due prior to any modification to the Cabiner for approved
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 shart nee be implemented without the prior written approval of the Cabinet. [401 KAR 8:100 Section 1(8)]
-	1 - implemented without the Division of Walter. The
	The person who presented the plans shall submit the professional engineer's certification: Due when construction is complete to the Division of Water approved 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 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 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 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 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 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 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 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 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 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 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 certification shall be signed by a registered professional engineer and
S-3	The person who presented the parent professional engineer and state that the water project has been estimated
	certification shall be signed by a registered protestation of the signed protestation of the signed protestatio
	plans, specifications, and requirements. Los successions

Page 1 of 7

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## Distribution-Water Line Extension

#### Northern KY Water Service Facility Requirements

Activity ID No.: APE20100002

# PORT0000000194 (Waterline) Constrction of 6,000 linear feet of 36-inch:

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 $\geq 30$ in to prevent freezing. [Recommended Standards for water works using to a standard standards for water works using the standard standards for water works using the standard standard standard standards for water works using the standard standard standard standards for water works using the standard sta
L-3	Diameter	All new and existing water lines serving fire hydrants or where fire protection is provided shall have Dianeter a similar of the following months: All Year. [Recommended Standards for Water Works 8.1.2] This requirement is applicable during the following months: All Year.
L-4	Distance	Water lines shall have a sufficient quantity of valves so that inconvenience and sanitary hazards will be minimized during repairs. A valve spacing Distance <= 1.0 mi should be utilized. [Recommended Standards for Water Works 8.2] This requirement is
L-5	Distance	Hydrant drains shall not be connected to sanitary sewers or storm drains and shall be located a Distance > 10 it from sanitary sewers and storm drains. [Recommended Standards for Water Works 8.3.4] This requirement is applicable during the following sewers and storm drains. [Recommended Standards for Water Works 8.3.4]
L-6	Distance	months: All Year. Statistical basis: Not application Except when not practical, water lines shall be laid a horizontal Distance $\geq 10$ 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.

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#### **Distribution-Water Line Extension** Northern KY Water Service Facility Requirements

Activity ID No.: APE20100002

## PORT0000000194 (continued):

Limitation Requirements:

Condition		Condition	
No.	Parameter	the time time the water main served by the blow-	off
been seen and the second s		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- or hydrant during flushing. [Recommended Standards for Water Works 8.1.6.b, 401 KAR 8:100 Section 1(7)] This requirement or hydrant during flushing. [Recommended Standards for Water Works 8.1.6.b, 401 KAR 8:100 Section 1(7)] This requirement	ıt is
L-12			
2.2		or hydrant during flushing. [Recommended standards for the basis: Minimum. applicable during the following months: All Year. Statistical basis: Minimum.	
		applicable during the following methods	

## Monitoring Requirements:

Condition No.	Parameter	Condition The presence or absence of leaks monitored by physical testing as needed shall be determined in all types of installed pipe. The presence or absence of leaks monitored by physical testing as needed shall be determined in all types of installed pipe.
M-1	leaks	The presence or absence of leaks monitored by physical testing as needed shall be determined in all types of instanted 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	e Requirements:	
Addit	ional Limitations:	
Condition		
No.	Condition	
T-1	Additional Limitations: Water line installation sh	all be in accordance with AWWA standards or manufacturer recommendations. [Recommended Standards for Water Works 8.5.1]
T <b>-</b> 2	Additional Limitations: Pipes, fittings, valves and be certified to ANSI/NSI	d fire hydrants shall conform to the latest standards issued by the AWWA or NSF (if such standards exist). PVC and PE piping used must F Standard 61. [Recommended Standards for Water Works 8.0.1]
T-3		ines, where air can accumulate, provisions shall be made to remove the air by means of hydrants or air relief valves. Automatic air relief in situations where manhole or chamber flooding may occur. [Recommended Standards for Water Works 8.4.1]

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## **Distribution-Water Line Extension**

Northern KY Water Service Facility Requirements

Activity ID No.: APE20100002

## PORT0000000194 (continued):

# Narrative Requirements: Subfluvial Pipe Crossings:

Subin	Ivial Tipe Crossing
Condition No.	Condition
T-11	<ul> <li>Subfluvial Pipe Crossings:</li> <li>For subfluvial pipe crossings, a floodplain construction permit will not be required pursuant to KRS 151.250 if the following requirements of 401 KAR 4:050</li> <li>Section 2 are met.</li> <li>No material may be placed in the stream or in the flood plain of the stream to form construction pads, coffer dams, access roads, etc. during construction of pipe crossings.</li> <li>Crossing trenches shall be backfilled as closely as possible to the original contour.</li> <li>All excess material resulting from construction displacement in a crossing trench shall be disposed of outside the flood plain.</li> <li>For erodible channels, there shall be at least 30 inches of backfill on top of all pipe or conduit points in the crossing.</li> <li>For nonerodible channels, pipes or conduits in the crossing shall be encased on all sides by at least 6 inches of concrete with all pipe or conduit points in the crossing at least 6 inches below the original contour of the channel. [401 KAR 8:100 Section 1(7)]</li> </ul>
T-12	<ul> <li>Subfluvial Pipe Crossings:</li> <li>For subfluvial pipe crossings greater than 15 feet in width,</li> <li>the pipe shall be of special construction, having flexible, restrained, or welded watertight joints, and</li> <li>valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair.</li> <li>Valves shall</li> <li>a) be easily accessible,</li> <li>b) not be subject to flooding, and</li> <li>c) if closest to the supply source, be in a manhole with permanent taps made on each side of the valve to allow insertion of a small meter to determine leakage and for sampling purposes. [Recommended Standards for Water Works 8.7.2]</li> </ul>

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Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_C

## NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

## BID INFORMATION AND BOARD MEETING MINUTES

**Bid Tabulation** 

Engineer's Recommendation of Award

**Board Meeting Minutes** 

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_C

## NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

**Bid** Tabulation

	Project Parts 2 & 3			Lykins & Sons Contracting		Paul Michels & Sons, Inc.		Rack and Ballaver Excavating		Unit Cost	tark Company Total Cost
ltem	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Total	Total Cost	Total	I otal Cost
<b>No.</b>	6.01 CLASS 250 DUCTILE IRON PIPE <i>(36-inch)</i> WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110)	LF	5197	\$188.00	\$977,036.00	\$202.50	\$1,052,392.50	\$213.40	\$1,109,039.80	\$197.85	\$1,028,226.45
2	6.02 CLASS 250 DUCTILE IRON PIPE INTERNAL RESTRAINED JOINT.(36-inch) WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110, Thelen Details x & x)	LF	885	\$255.00	\$225,675.00	\$259.00	\$229,215.00	\$271.00	\$239,835.00	\$289.78	\$256,455.30
	7.01 CONNECT TO EXISTING 36-INCH MAIN	EA	4	\$3,200.00	\$12,800.00	\$4,970.00	\$19,880.00	\$1,500.00	\$6,000.00	\$0.00	\$0.00
3	8 01 INSTALL HIGH PRESSURE FIRE HYDRANT	EA	5	\$3,145.00	\$15,725.00	\$2,950.00	\$14,750.00	\$4,825.00	\$24,125.00	\$3,300.00	\$16,500.00
	ASSEMBLY WITH VERTICAL CONNECTION	EA	2	\$36,725.00	\$73,450.00	\$38,650.00	\$77,300.00	\$37,109.00	\$74,218.00	\$35,000.00	\$70,000.00
5	9.02 RESILIENT SEATED GATE VALVE (36-inch)		112	\$120.00	\$13,440.00	\$73.00	\$8,176.00	\$185.00	\$20,720.00	\$80.00	\$8,960.00
6	11.01 CONCRETE ENCASEMENT 11.02 4-INCH RIGID PERFORATED PVC	LF	357	\$8.00	\$2,856.00	\$20.00	\$7,140.00	\$10.00	\$3,570.00	\$10.00	\$3,570.00
	UNDERDRAIN 11.05 AIR RELEASE VALVE (2-inch ARV and service	EA	1	\$500.00	\$500.00	\$1,100.00	\$1,100.00	\$750.00	\$750.00	\$2,000.00	\$2,000.00
8	line materials provided by NKWD) 11.06 ANCHORING TEE AND BLOCK (36-inch x 36-	EA	5	\$11,405.00	\$57,025.00	\$6,400.00	\$32,000.00	\$6,775.00	\$33,875.00	\$12,000.00	\$60,000.00
9	inch x 6-inch) 11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36-	EA	1	\$6,260.00	\$6,260.00	\$3,950.00	\$3,950.00	\$6,400.00	\$6,400.00	\$8,500.00	\$8,500.00
10	inch x 24-inch) 11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36- inch x 36-inch)	+	1	\$5,925.00	\$5,925.00	\$8,200.00	\$8,200.00	\$8,565.00	\$8,565.00	\$8,500.00	\$8,500.00

08/24/2010

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	Project Parts 2 & 3			Lykins & Sons Contracting		Paul Michels & Sons, Inc.		Rack and Ballaver Excavating		Nelson Stark Compa Unit Cost Total C	
tem	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Total	Total Cost	Total	Total Cost
No. 12	11.12 36-INCH DUCTILE IRON BEND (11-1/4 Degree)	EA	8	\$4,790.00	\$38,320.00	\$3,400.00	\$27,200.00	\$2,825.00	\$22,600.00	\$8,500.00	\$68,000.00
		EA	2	\$7,600.00	\$15,200.00	\$3,700.00	\$7,400.00	\$4,400.00	\$8,800.00	\$8,500.00	\$17,000.00
	11.12 36-INCH DUCTILE IRON BEND (22-1/2 Degree) 11.12 36-INCH DUCTILE IRON INTERNAL	EA	7	\$7,550.00	\$52,850.00	\$4,850.00	\$33,950.00	\$4,900.00	\$34,300.00	\$8,500.00	\$59,500.00
	RESTRAINED BEND (11-1/4 Degree) 11.12 36-INCH DUCTILE IRON INTERNAL	EA	7	\$6,990.00	\$48,930.00	\$5,425.00	\$37,975.00	\$5,600.00	\$39,200.00	\$8,500.00	\$59,500.00
	RESTRAINED BEND (22-1/2 Degree)	EA	2	\$6,990.00	\$13,980.00	\$5,100.00	\$10,200.00	\$3,900.00	\$7,800.00	\$4,300.00	\$8,600.00
	11.12 36-INCH DUCTILE IRON BEND (45 Degree)	EA	9	\$1,450.00	\$13,050.00	\$775.00	\$6,975.00	\$1,300.00	\$11,700.00	\$1,000.00	\$9,000.00
17	11.13 CORROSION TEST STATION 11.14 CORROSION PROTECTION SYSTEM – 48#	EA	61	\$355.00	\$21,655.00	\$590.00	\$35,990.00	\$750.00	\$45,750.00	\$450.00	\$27,450.00
19		SY	110	\$15.00	\$1,650.00	\$25.00	\$2,750.00	\$53.50	\$5,885.00	\$15.00	\$1,650.00
	12.04 ASPHALTIC CONCRETE MILLING AND PAVING	LF	30	\$33.50	\$1,005.00	\$38.00	\$1,140.00	\$75.00	\$2,250.00	\$50.00	\$1,500.00
20		SY	5	\$70.00	\$350.00	\$65.00	\$325.00	\$102.00	\$510.00	\$50.00	\$250.00
21	12.11 CONCRETE SIDEWALK	LS	1	\$8,500.00	\$8,500.00	\$3,500.00	\$3,500.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.0
22	12.14 BEST MANAGEMENT PRACTICES	LS		\$750.00	\$750.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.0
23	12.15 REMOVE EXISTING TREES (2) 12.18 CONCRETE BANK RESTORATION IN CREEK	SY	14	\$300.00	\$4,200.00	\$115.00	\$1,610.00	\$38.00	\$532.00	\$100.00	\$1,400.0

08/24/2010

	Project Parts 2 & 3			Lykins & Sons Contracting		Paul Michels & Sons, Inc.		Rack and Ballaver Excavating		Nelson Stark Company	
Item	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
No.		LF	20	\$75.00	\$1,500.00	\$34.00	\$680.00	\$40.00	\$800.00	\$20.00	\$400.00
25 26	12.17 TEMPORARY CHAIN LINK FENCE 12.19 REMOVE AND REINSTALL EXISTING CHAIN LINK FENCE	LF	95	\$35.00	\$3,325.00	\$34.00	\$3,230.00	\$40.00	\$3,800.00	\$20.00	\$1,900.00
27	12.20 REMOVE AND REPLACE EX. 15" CULVERT AND HEADWALLS	LF	22	\$55.00	\$1,210.00	\$38.00	\$836.00	\$120.00	\$2,640.00	\$100.00	\$2,200.00
28	12.20 REMOVE AND REPLACE EX. 18" CULVERT AND HEADWALLS	LF	35	\$55.00	\$1,925.00	\$38.00	\$1,330.00	\$76.00	\$2,660.00	\$100.00	\$3,500.00
29	12.21 REMOVE AND REPLACE EX. CONCRETE WALL	LF	10	\$270.00	\$2,700.00	\$95.00	\$950.00	\$200.00	\$2,000.00	\$200.00	\$2,000.00
		LF	50	\$30.00	\$1,500.00	\$35.00	\$1,750.00	\$35.00	\$1,750.00	\$25.00	\$1,250.00
30	12.16 REMOVE AND REINSTALL GUARDRAIL 11.12 36-INCH DUCTILE IRON INTERNAL	EA	1	\$7,135.00	\$7,135.00	\$6,500.00	\$6,500.00	\$7,285.00	\$7,285.00	\$7,000.00	\$7,000.00
	RESTRAINED BEND (45 Degree) TOTAL BASE BID				\$1,630,427.00		\$1,640,394.50		\$1,744,359.80		\$1,745,811.7

	Dudley Discharge 36-inch Redundancy Project Parts 2 & 3			Dudley Co	nstruction, Inc.	Garney C	ompanies, Inc.	Howell	Contractors	Smith & Bro	own Contractors
ltem No.	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
	6.01 CLASS 250 DUCTILE IRON PIPE (36-inch) WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110)	LF	5197	\$204.50	\$1,062,786.50	\$209.00	\$1,086,173.00	\$230.00	\$1,195,310.00	\$227.00	\$1,179,719.00
2	6.02 CLASS 250 DUCTILE IRON PIPE INTERNAL RESTRAINED JOINT.( <i>36-inch</i> ) WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110, Thelen Details x & x)	LF	885	\$277.00	\$245,145.00	\$260.00	\$230,100.00	\$265.00	\$234,525.00	\$335.00	\$296,475.00
3	7.01 CONNECT TO EXISTING 36-INCH MAIN	EA	4	\$1,255.00	\$5,020.00	\$5,950.00	\$23,800.00	\$7,500.00	\$30,000.00	\$1,000.00	\$4,000.00
	8.01 INSTALL HIGH PRESSURE FIRE HYDRANT ASSEMBLY WITH VERTICAL CONNECTION	EA	5	\$4,190.00	\$20,950.00	\$5,100.00	\$25,500.00	\$2,850.00	\$14,250.00	\$4,200.00	\$21,000.00
5	9.02 RESILIENT SEATED GATE VALVE (36-inch)	EA	2	\$36,975.00	\$73,950.00	\$40,500.00	\$81,000.00	\$34,150.00	\$68,300.00	\$38,000.00	\$76,000.00
6	11.01 CONCRETE ENCASEMENT	LF	112	\$100.00	\$11,200.00	\$110.00	\$12,320.00	\$200.00	\$22,400.00	\$100.00	\$11,200.00
	11.02 4-INCH RIGID PERFORATED PVC UNDERDRAIN	LF	357	\$16.00	\$5,712.00	\$17.00	\$6,069.00	\$25.00	\$8,925.00	\$30,00	\$10,710.00
8	11.05 AIR RELEASE VALVE (2-inch ARV and service line materials provided by NKWD)	EA	1	\$2,580.00	\$2,580.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$650.00	\$650.00
9	11.06 ANCHORING TEE AND BLOCK (36-inch x 36- inch x 6-inch)	EA	5	\$5,940.00	\$29,700.00	\$9,000.00	\$45,000.00	\$6,675.00	\$33,375.00	\$7,850.00	\$39,250.00
10	11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36- inch x 24-inch)	EA	1	\$6,600.00	\$6,600.00	\$8,500.00	\$8,500.00	\$7,200.00	\$7,200.00	\$5,650.00	\$5,650.00
11	11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36- inch x 36-inch)	EA	1	\$9,145.00	\$9,145.00	\$8,500.00	\$8,500.00	\$9,575.00	\$9,575.00	\$8,270.00	\$8,270.00

08/24/2010

#### Dudley Discharge 36-inch Redundancy Smith & Brown Contractors Project Parts 2 & 3 **Howell Contractors Dudley Construction, Inc.** Garney Companies, Inc. Unit Cost Unit Cost Total Cost Unit Cost **Total Cost** Estimated Unit Cost Total Cost Unit of Total Cost Total Description Total Item Total Quantity Total Measure No. \$30,200.00 \$3,775.00 \$27,400.00 \$3,425.00 \$3,000.00 \$24,000.00 \$4,310.00 \$34,480.00 ΕA 8 12 11.12 36-INCH DUCTILE IRON BEND (11-1/4 Degree) \$7,400.00 \$7,400.00 \$3,700.00 \$6,700.00 \$3,700.00 \$10,690.00 \$3,350.00 \$5,345.00 2 ΕA 13 11.12 36-INCH DUCTILE IRON BEND (22-1/2 Degree) \$36,400.00 \$5,200.00 \$35,350.00 \$5,050.00 \$53,200,00 \$7,600.00 11.12 36-INCH DUCTILE IRON INTERNAL \$41,370.00 7 \$5,910.00 ΕA 14 RESTRAINED BEND (11-1/4 Degree) \$39,900.00 \$5,700.00 \$5,475.00 \$38,325.00 \$53,200.00 11.12 36-INCH DUCTILE IRON INTERNAL \$44,590.00 \$7,600.00 7 \$6,370.00 EΑ 15 RESTRAINED BEND (22-1/2 Degree) \$13,100.00 \$6,550.00 \$8,100.00 \$13,200.00 \$4,050.00 \$6,600.00 \$8,300.00 2 \$4,150.00 ΕA 16 11.12 36-INCH DUCTILE IRON BEND (45 Degree) \$5,670.00 \$630.00 \$15,300.00 \$1,700.00 \$9,180.00 \$1,020.00 \$8,550.00 \$950.00 ΕA 9 11.13 CORROSION TEST STATION 17 \$19,825.00 \$325.00 \$425.00 \$25,925.00 11.14 CORROSION PROTECTION SYSTEM – 48# \$710.00 \$43,310.00 \$725.00 \$44,225.00 61 EΑ 18 MAGNESIUM ANODE \$8,470.00 \$77.00 \$20.00 \$2,200.00 \$7,150.00 \$65.00 \$8,387.50 110 \$76.25 SY 12.04 ASPHALTIC CONCRETE MILLING AND PAVING 19 \$1,890.00 \$63.00 \$40.00 \$1,200.00 \$1,200.00 \$1,102.50 \$40.00 30 \$36.75 LF 12.10 CONCRETE CURBING 20 \$500.00 \$100.00 \$270.00 \$54.00 \$325.00 \$65.00 \$315.00 \$63.00 5 SY 12.11 CONCRETE SIDEWALK 21 \$6,100.00 \$6,100.00 \$7,500.00 \$7,500.00 \$8,980.00 \$8,980.00 \$56,950.00 \$56,950.00 LS 1 12.14 BEST MANAGEMENT PRACTICES 22 \$11,050.00 \$11,050.00 \$4,000.00 \$4,000.00 \$3,650.00 \$3,650.00 \$3,150.00 \$3,150.00 LS 1 12.15 REMOVE EXISTING TREES (2) 23 \$1,400.00 \$100.00 \$72.00 \$1,008.00 \$1,190.00 \$85.00 \$64.50 \$903.00 12.18 CONCRETE BANK RESTORATION IN CREEK 14 SY 24

#### BID RESULTS

08/24/2010

	Dudley Discharge 36-inch Redundancy Project Parts 2 & 3			Dudley Construction, Inc.		Garney Companies, Inc.		Howell Contractors		Smith & Brown Contractor	
tem	Description	Unit of Measure	Estimated Quantity	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
No.		LF	20	\$26.25	\$525.00	\$17.00	\$340.00	\$20.00	\$400.00	\$26.00	\$520.00
	12.17 TEMPORARY CHAIN LINK FENCE	LF	95	\$21.00	\$1,995.00	\$20.00	\$1,900.00	\$25.00	\$2,375.00	\$21.00	\$1,995.00
	LINK FENCE 12.20 REMOVE AND REPLACE EX. 15" CULVERT AND HEADWALLS	LF	22	\$33.90	\$745.80	\$70.00	\$1,540.00	\$120.00	\$2,640.00	\$63.00	\$1,386.0
	AND HEADWALLS 12.20 REMOVE AND REPLACE EX. 18" CULVERT AND HEADWALLS	LF	35	\$33.90	\$1,186.50	\$70.00	\$2,450.00	\$125.00	\$4,375.00	\$67.00	\$2,345.0
29	12.21 REMOVE AND REPLACE EX. CONCRETE	LF	10	\$63.00	\$630.00	\$210.00	\$2,100.00	\$100.00	\$1,000.00	\$265.00	\$2,650.0
		LF	50	\$15.75	\$787.50	\$45.00	\$2,250.00	\$25.00	\$1,250.00	\$17.00	\$850.00
30	12.16 REMOVE AND REINSTALL GUARDRAIL 11.12 36-INCH DUCTILE IRON INTERNAL	EA	1	\$6,970.00	\$6,970.00	\$7,650.00	\$7,650.00	\$6,250.00	\$6,250.00	\$30,400.00	\$30,400.
31	RESTRAINED BEND (45 Degree) TOTAL BASE BID	RESTRAINED BEND (45 Degree)			\$1,748,641.30		\$1,771,477.00		\$1,816,878.00		\$1,874,97

Dudley Discharge 36-inch Redundancy Project Parts 2 & 3				0	Contractors	Cleary C	Construction	Ford Develo	pment Company	Hicon Construction LLC	
	Description	Unit of	Estimated	Unit Cost	Contractors Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost
tem No.	Beechpiten	Measure	Quantity	Total		10101					
	6.01 CLASS 250 DUCTILE IRON PIPE <i>(36-inch)</i> WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110)	LF	5197	\$245.00	\$1,273,265.00	\$216.00	\$1,122,552.00	\$250.00	\$1,299,250.00	\$267.00	\$1,387,599.00
	6.02 CLASS 250 DUCTILE IRON PIPE INTERNAL RESTRAINED JOINT. <i>(36-inch)</i> WITH BONDED JOINTS. (Detail 103, 103a, 104, 104a, 110, Thelen	LF	885	\$310.00	\$274,350.00	\$331.00	\$292,935.00	\$300.00	\$265,500.00	\$319.00	\$282,315.00
	Details x & x)	EA	4	\$5,000.00	\$20,000.00	\$12,000.00	\$48,000.00	\$2,500.00	\$10,000.00	\$3,715.00	\$14,860.00
	7.01 CONNECT TO EXISTING 36-INCH MAIN 8.01 INSTALL HIGH PRESSURE FIRE HYDRANT	EA	5	\$4,000.00	\$20,000.00	\$5,170.00	\$25,850.00	\$5,000.00	\$25,000.00	\$4,775.00	\$23,875.00
4	ASSEMBLY WITH VERTICAL CONNECTION				\$80,000,00	\$40,230.00	\$80,460.00	\$39,000.00	\$78,000.00	\$36,550.00	\$73,100.00
5	9.02 RESILIENT SEATED GATE VALVE (36-inch)	EA	2	\$40,000.00		1	\$11,200.00	\$75.00	\$8,400.00	\$135.00	\$15,120.00
6	11.01 CONCRETE ENCASEMENT	LF	112	\$110.00	\$12,320.00	\$100.00	\$11,200.00				
	11.02 4-INCH RIGID PERFORATED PVC	LF	357	\$10.00	\$3,570.00	\$26.00	\$9,282.00	\$2.00	\$714.00	\$18.00	\$6,426.00
7	UNDERDRAIN	EA	1	\$400.00	\$400.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$527.00	\$527.00
8	line materials provided by NKWD) 11.06 ANCHORING TEE AND BLOCK (36-inch x 36-	EA	5	\$6,500.00	\$32,500.00	\$9,600.00	\$48,000.00	\$7,500.00	\$37,500.00	\$8,230.00	\$41,150.0
9	inch x 6-inch)			\$6,000.00	\$6,000.00	\$12.870.00	\$12,870.00	\$5,500.00	\$5,500.00	\$7,390.00	\$7,390.00
10	11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36 inch x 24-inch) 11.07 DUCTILE IRON TEE AND BLOCK (36-inch x 36		1	φο,υυυ.υυ 		\$16,160.00		\$6,500.00	\$6,500.00	\$9,415.00	\$9,415.0

08/24/2010

Project Parts 2 & 3				Smith Contractors		Cleary Construction		Ford Development Company		Hicon Construction L	
tem	Description Unit of Estin Measure Qua			Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Total	Total Cost
No. 12		EA	8	\$3,000.00	\$24,000.00	\$5,780.00	\$46,240.00	\$4,500.00	\$36,000.00	\$3,450.00	\$27,600.00
	11.12 36-INCH DUCTILE IRON BEND (11-1/4 Degree)	EA	2	\$3,200.00	\$6,400.00	\$8,760.00	\$17,520.00	\$5,500.00	\$11,000.00	\$3,715.00	\$7,430.00
	11.12 36-INCH DUCTILE IRON BEND (22-1/2 Degree) 11.12 36-INCH DUCTILE IRON INTERNAL	EA	7	\$4,800.00	\$33,600.00	\$4,900.00	\$34,300.00	\$8,000.00	\$56,000.00	\$5,200.00	\$36,400.00
	RESTRAINED BEND (11-1/4 Degree) 11.12 36-INCH DUCTILE IRON INTERNAL	EA	7	\$5,000.00	\$35,000.00	\$5,440.00	\$38,080.00	\$8,000.00	\$56,000.00	\$5,680.00	\$39,760.00
	RESTRAINED BEND (22-1/2 Degree)	EA	2	\$5,000.00	\$10,000.00	\$7,770.00	\$15,540.00	\$4,000.00	\$8,000.00	\$5,590.00	\$11,180.00
	11.12 36-INCH DUCTILE IRON BEND (45 Degree)	EA	9	\$800.00	\$7,200.00	\$1,070.00	\$9,630.00	\$1,500.00	\$13,500.00	\$1,730.00	\$15,570.00
17	11.13 CORROSION TEST STATION 11.14 CORROSION PROTECTION SYSTEM – 48#	EA	61	\$400.00	\$24,400.00	\$550.00	\$33,550.00	\$500.00	\$30,500.00	\$865.00	\$52,765.00
19		SY	110	\$25.00	\$2,750.00	\$50.00	\$5,500.00	\$40.00	\$4,400.00	\$60.00	\$6,600.00
	12.04 ASPHALTIC CONCRETE MILLING AND PAVING		30	\$50.00	\$1,500.00	\$35.00	\$1,050.00	\$30.00	\$900.00	\$28.00	\$840.00
20	12.10 CONCRETE CURBING	SY	5	\$50.00	\$250.00	\$75.00	\$375.00	\$50.00	\$250.00	\$76.00	\$380.00
21	12.11 CONCRETE SIDEWALK	LS		\$1,000.00	\$1,000.00	\$25,000.00	\$25,000.00	\$2,500.00	\$2,500.00	\$31,600.00	\$31,600.0
22	12.14 BEST MANAGEMENT PRACTICES			\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$8,215.00	\$8,215.0
23	12.15 REMOVE EXISTING TREES (2)	LS SY	1	\$120.00	\$1,680.00	\$50.00	\$700.00	\$150.00	\$2,100.00	\$350.00	\$4,900.0

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08/24/2010

Dudley Discharge 36-inch Redundancy Project Parts 2 & 3			Smith C	Contractors	Cleary C	construction	Ford Development Company		Hicon Construction LLC		
ltem	Description Unit of Estimated Measure Quantity		Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	Unit Cost Total	Total Cost	
No.		LF	20	\$50.00	\$1,000.00	\$55.00	\$1,100.00	\$30.00	\$600.00	\$26.00	\$520.00
25 26	12.17 TEMPORARY CHAIN LINK FENCE	LF	95	\$50.00	\$4,750.00	\$55.00	\$5,225.00	\$30.00	\$2,850.00	\$27.00	\$2,565.00
27	LINK FENCE 12.20 REMOVE AND REPLACE EX. 15" CULVERT AND HEADWALLS	LF	22	\$60.00	\$1,320.00	\$50.00	\$1,100.00	\$50.00	\$1,100.00	\$150.00	\$3,300.00
28	12.20 REMOVE AND REPLACE EX. 18" CULVERT AND HEADWALLS	LF	35	\$80.00	\$2,800.00	\$50.00	\$1,750.00	\$65.00	\$2,275.00	\$150.00	\$5,250.00
29	12.21 REMOVE AND REPLACE EX. CONCRETE	LF	10	\$120.00	\$1,200.00	\$100.00	\$1,000.00	\$350.00	\$3,500.00	\$200.00	\$2,000.00
		LF	50	\$20.00	\$1,000.00	\$25.00	\$1,250.00	\$30.00	\$1,500.00	\$51.50	\$2,575.00
30	12.16 REMOVE AND REINSTALL GUARDRAIL	EA	1	\$6,800.00	\$6,800.00	\$6,540.00	\$6,540.00	\$8,500.00	\$8,500.00	\$6,150.00	\$6,150.00
31	31     RESTRAINED BEND (45 Degree)       TOTAL BASE BID				\$1,897,855.00		\$1,916,259.00		\$1,979,339.00		\$2,127,377.

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_C

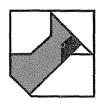
## NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

Engineer's Recommendation of Award



#### CARDINAL

ENGINEERING ARCHITECTURE LAND SURVEYING ONE MOOCK ROAD WILDER, KENTUCKY 41071 PHONE: (859) 581–9600 FAX: (859) 581–9636 www.cardinalengineering.net

August 26, 2010

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

RE: Dudley Discharge 36-inch Redundancy Project Project Contract Award Recommendation

Dear John

After reviewing the bid results for the above captioned project the low bidder, I confirmed that the low bidder was Lykins and Sons Contracting at \$1,630,427.00. It is my understanding that Lykins and Sons Contracting has performed adequately on several projects for the District over the past several years and has selected a foreman for the project has overseen several large diameter water main projects successfully. In addition, Lykins and Sons Contracting performed well on the Race Track Road project that Cardinal designed in 2005 for the District.

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

Should you have any questions, please contact me.

Best regards,

Kevin Hanson, P.E. Vice President

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_C

## NORTHERN KENTUCKY WATER DISTRICT

Dudley Discharge 36-inch Redundancy Project

Kenton County, Kentucky

Project 184-643

**Board Meeting Minutes** 

#### (Meeting Minutes are in Draft Form) Northern Kentucky Water District Board of Commissioners Meeting August 26, 2010

A regular meeting of the Board of Commissioners of the Northern Kentucky Water District was held on August 26, 2010 at the District's facility located at 2835 Crescent Springs Road in Erlanger, Kentucky. All Commissioners were present. Commissioner Jackson arrived at 12:44 p.m. Also present were Richard Harrison, Jack Bragg, Bob Buhrlage, Mary Carol Wagner, Bill Wulfeck, Amy Kramer, Don Gibson, Jim Diering, Kyle Ryan, Lori Simpson and Brian Dunham.

Chairman Collins called the meeting to order at 12:40 p.m.

Lori Simpson led everyone in the pledge.

Commissioners and staff members recognized Commission Sommerkamp's birthday.

Kathy Nafus, Drug Free Communities Coordinator, held an educational discussion on Prescription Drug Disposal in Northern Kentucky from 12:42 p.m to 1:05 p.m.

The Commissioners reviewed correspondence received and articles published since the last regular Board meeting on July 15, 2010.

On motion of Commissioner Koester, seconded by Commissioner Wagner, the Commissioners unanimously approved the minutes for the regular Board meeting held on July 15, 2010.

On motion of Commissioner Sommerkamp, seconded by Commissioner Jackson, and after discussion, the Commissioners unanimously approved the expenditures of the District for the month of July, 2010.

On motion of Commissioner Wagner, seconded by Commissioner Macke, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to Howell Contractors for the 16", 24", and 36" Water Mains, Phase 2, Orphanage Road to Water Tanks Project, and authorized the District staff to execute the appropriate contract documents.

On motion of Commissioner Wagner, seconded by Commissioner Koester, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to Lykins & Sons Contracting for the Dudley Discharge 36-inch Redundancy Project, and authorized the District staff to execute the appropriate contract documents.

On motion of Commissioner Macke, seconded by Commissioner Sommerkamp, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to Howell Contractors for the Ripple Creek Pump Station to Alexandria Tank Water Main Extension Project, Phase 2, and authorized the District staff to execute the appropriate contract documents.

On motion of Commissioner Jackson, seconded by Commissioner Wagner, the Commissioners unanimously approved the District's acceptance of the bid by and awarding a contract to Krebs Construction, Inc. for the Hamlet Street Water Main Replacement Project, and authorized the District staff to execute the appropriate contract documents.

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

On motion of Commissioner Wagner, seconded by Commissioner Jackson, the Commissioners unanimously agreed to go into executive session under the provisions of KRS 61.810(1)(c) to discuss pending litigation against or on behalf of the District and to protect the District's legal interests and strategy in connection with such litigation. The executive session commenced at 2:23 p.m. and ended at 2:44 p.m.

The Northern Kentucky Water District monthly planning calendars were discussed.

Under Other Business on the agenda, Board comments of a general nature were entertained and discussed.

During the Board Comments portion of the meeting, Chairman Collins addressed the request made at the May 27, 2010 meeting of the Board of Commissioners by Kenton County Judge Executive Drees and Kenton County Fiscal Court Commissioner Knochelmann relative to health insurance benefits. Chairman Collins noted that after thorough individual consideration and discussions since that meeting, those Commissioners impacted have corresponded with their respective Judge Executive on the issue.

Other matters of a general nature were discussed.

There being no further business to come before the Board, the meeting was adjourned at 3:17 p.m.

CHAIRMAN

SECRETARY

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_ D\_\_\_\_

## NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

## PROJECT FINANCE INFORMATION

Customers Added and Revenue Effect

Debt Issuance and Source of Debt

Additional Costs for Operating and Maintenance

USoA Plant Account

Depreciation Cost and Debt Service After Construction



<u>Customers Added and Revenue Effect:</u> There will be zero new customers added and no revenue effect as a result of the Dudley Discharge 36-inch Redundancy Project

<u>Debt Issuance and Source of Debt</u>: This project will be paid from the District's Five-Year Capital Budget, PSC No. 886 "Dudley Discharge Redundancy Improvements" with a revised budget of \$1,850,000.00, which includes construction cost, engineering, materials, and contingencies. A summary of the project costs is provided below:

0	Design Engineering	\$ 28,523.28
0	Contractor's Bid	\$1,630,427.00
0	Materials	\$ 50,000.00
0	Misc. & Contingencies	\$ <u>141,049.72</u>
	Total Project Cost	\$1,850,000.00

The project will be funded through Bond Anticipation Notice in the year 2010.

Additional Costs and O&M: N/A

<u>Depreciation and Debt Service</u>: Annual depreciation and debt service after construction are as follows:

Depreciation: \$29,600.00/year over 62.5 years for Account 331 Transmission and Distribution Mains

Debt Service: \$115,335.32 over 20 years (2.2% SRF loan) and \$112,246.97 over 25 years (conventional 3.5% loan).

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Case No. 2010-Exhibit <u>E</u>

## NORTHERN KENTUCKY WATER DISTRICT

Dudley Discharge 36-inch Redundancy Project

Kenton County, Kentucky

Project 184-643

PSC ANNUAL REPORT - 2009

Water

CLASS A & B

WATER DISTRICTS AND ASSOCIATIONS

## **ANNUAL REPORT**

OF

**Northern Kentucky Water District** 

2835 Crescent Springs Road, Erlanger, Kentucky 41018

TO THE

## **PUBLIC SERVICE COMMISSION**

OF THE

## **COMMONWEALTH OF KENTUCKY**

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

FOR THE CALENDAR YEAR ENDED DECEMBER 31, 2009

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

NORTHE	RN KENTUCKY WATER DISTRICT		Post Office Box 18640 2835 Crescent Springs Rd - Erlanger, Ky 41018-0640
(Ounty Ne	porting)		(Address)
FEIN # (F	ederal Employer Indentification Number) 61-1311695		
	(DO NOT INCLUDE TAXES COLLECTED)		
(1)	Gross Revenues of Electric Utility	\$	
(2)	Gross Revenues of Gas Utility	\$_	
(3)	Gross Revenues of Water Utility	\$_	40,409,737
(4)	Gross Revenues of Sewer Utility	\$_	
(5)	Other Operating Revenues	\$_	1,780,386
	*** TOTAL GROSS REVENUES	\$	42,190,123

#### <u>OATH</u>

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 accurateley show the gross revenues of: Northern Kentucky Water District, derived from Intra-Kentucky business for the calendar year ending December 31, 2008

> > (Officer)

This the 30th day of March, 2009

Notary Public

Campbell County

**Commission Expires** 

VP/CFO

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

Page 1 of 2

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

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

							Page 2 of 2
Page No.	Account No.	p	age No		Yes	No	If no, explain why
10 rage No.	400	agrees with	27	Total Water Operating Revenue Col e	X		
10		agrees with	28	Total 601-675, Col c	x		
10		agrees with	25	Total Taxes Accrued 408-10-408.20	x		
11		agrees with	25	Total Interest Accrued Col c	x		
11	Net Income Befo agrees with		12	Balance Trans Inc Col c	x		
13	Water and the second	agrees with	14	Total Water Plant Col f	x		
14			t acour	ts cols c throuh k has been Completed	x		
27		ccumulated dep		on & amortization by primary accounts	X		
20	186.1	agrees with	26	Total 186.1 Col c	<u> </u>	<b></b>	
22	Schedule of Lon	g-Term Debt ha	s been	completed	x	<u> </u>	
23	Schedule ofBond				<u> </u>		
27		(example: schoo	ol tax, s	ales tax, granchise tax) have been	<u> </u>	<u> </u>	
27				e Cols c,d, and e has been completed	<u>x</u>	<u></u>	
28	The analysis of	water utiltiy exp	ense C	ols c through k has been complete	<u> </u>	<b>↓</b>	
29	Schedule of Pun	ping and Purch	ased W	Vater Statistics has been completed	<u> </u>	┟───┼╸	
29	Total Col (d)	agrees with	30	Line 4, Total Production & Purchased	<u> </u>		
29	Total Col (e)	agrees with	30	Line 13, Total Water Sales	<u> </u>		
30	466 Total Gals	agrees with		30 Line 11, Sales for Resale (466)	<u> </u>	┨───┡	
	Oath page has b	een completed					

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#### 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'ss E-Mail Address	jbragg@nkywater.org
Utility's Web Address	www.nkywater.org

#### PLEASE COMPLETE THE ABOVE INFORMATION, IF IT IS AVAILABLE.

#### IF THERE ARE MULTIPLE STAFF WHO MAY BE CONTRACTS PLEASE INCLUDE THEIR NAMES AND E-MAIL ADDRESS 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 surchage amounts, collected, refunds issued, and unusual debt requirments.

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	

	Addition	al Information Required by Commission Orders - Contiuned	
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 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	177 \$6,286.00 \$215,500.00 \$2,185,654.00
2003-00191		SubDistrict RF 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	29 \$8,484 \$44,321 \$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 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	44 \$9,938 \$25,675 \$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 b. Total Surcharge billed during 2008 c. Accumulated surcharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	20 \$4,982 \$4,982 \$412,657
2007-00131	6/27/2007	SubDistrict G a. Number of Customers as of 12-31-2008 b. Total Surcharge billed during 2008 c. Accumulated srucharge billed. d. Remaining Debt Service on debt which NKWD Issued to Finance Facilities	46 \$5,4 <del>5</del> 4 \$5,454 \$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: (coummunity, 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 I	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

		Contacts:				
Name	Title	Principal Business Address	Salary Charged Utility	Current Term Expires		
Send correspondence to: Jack Bragg			XXXXXXXXX	xxxxx		
Report prepared by:	VP of Finance	Same as above				
Jack Bragg	VP of Finance	Same as above	XXXXXXXXX	XXXXX		
	Office	ers and Managers				
Fred Macke	Chairperson	Same as above	6,000.00	8/26/2012		
Drew Collins	Treasurer	Same as above	6,000.00	8/28/2011		
oug Wagner	Secretary	Same as above	6,000.00	8/26/2009		
Dr. 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	XXXXXXXXX	xxxxx		
, 						

Account	2008	Ref.	Previous	
No.	Account Name	Page	Year	Current Year
(a)	(b)	©	(d)	(e)
	UTILITY PLANT			
101-106	Utility Plant	13	\$ 307,878,617	\$ 323,463,74
108-110	Less: Accumulated Depreciation			
	and Amortization	13,15-16	(61,398,205)	
	Net Plant		\$ 246,480,412	\$ 255,923,44
114-115	Utility Plant Acquisition			
	Adjustments (Net)	16	3,866,351	3,665,23
116	Other Utility Plant Adjustments			
	Total Net Utility Plant		\$ 250,346,763	\$ 259,588,68
	<b>OTHER PROPERTY &amp; INVESTMENTS</b>			
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	25,856,65
125	Other Investments	17	2,771,076	2,426,63
126-127	Special Funds	17		
	Total Other Property & Investments		\$28,826,023	\$
	CURRENT AND ACCRUED ASSETS			
131	Cash		\$ 10,205,219	\$ 11,509,21
132	Special Deposits			
133	Other Special Deposits		19,167,438	15,081,8
134	Working Funds			
135	Temporary Cash Investments	1		
141-144	Accounts Receivable, Less			
	Accumulated Provision for			
	Uncollectible Accounts	18	5,610,489	5,538,8
145	Accounts Receivable from			
	Associated Companies			
146	Notes Receivable from Associated			
	Companies			
151-153	Materials & Supplies	19	1,289,823	1,268,9
161	Stores Expense			]
162	Prepayments	19	246,623	898,2
171	Accrued Interest & Dividends			1
	Receivable			
	Rents Receivable			1
172			1 200 000	1 4 700 0
172 173			4.200.000	4,700.0
172 173 174	Accrued Utility Revenues Misc. Current & Accrued Assets		4,200,000	4,700,0

# COMPARATIVE BALANCE SHEET - ASSETS AND OTHER DEBITS

Account	2008	Ref.	Previous	
No.	Account Name	Page	Year	Current Year
(a)	(b)	c	(d)	(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		······································	<u></u>
184	Clearing Accounts			
185	Temporary Facilities			
186	Misc. Deferred Debits	20	6,357,920	6,222,346
187	Research & Development Expenditures	[	······································	
	Total Deferred Debits		\$	\$9,026,933
	TOTAL ASSETS AND OTHER DEBITS		\$ 329,248,084	\$ 335,896,049

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

	2008	Ref.	(	Previous		
Account No.	Account Name	Page	ł	Year		Current Year
(a)	(b)	c	1	(d)		(e)
(a)	Equity Capital					
		12	e	36,672,874	\$	31,053,385
214	Appropriated Retained Earnings	12	<b>"</b>	50,072,071	*	
215.1	Retained Earnings from Income	12	\$	35,057,198	\$	46,085,772
0160	Before Contributions Donated Capital		Is –	51,889,090	\$	56,424,703
215.2	Donated Capital		- 1			
	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		1 _		_	
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					
	Í .		\$	3,139,763	s	2,504,050
231	Accounts Payable	24	¶ –	27,265,000	*-	27,265,000
232	Notes Payable	24		27,200,000	1 -	
233	Acts. Payable to Asso. Co. Notes Payable to Asso. Co.	24	-		-	
234 235	Customer Deposits		-	11,207	1 _	10,310
236	Accrued Taxes	25			1	
237	Accrued Interest	25		3,251,310	_	3,181,843
239	Matured Long-Term Debt					
240	Matured Interest				1 -	
241	Tax Collections Payable		-	1 000 540	-	1,803,786
242	Misc. Current & Accrued Liabilities	26	-	1,909,549	-	1,005,780
}	Total Current & Accrued	1				
	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:	ļ				
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

# COMPARATIVE BALANCE SHEET - EQUITY CAPITAL AND LIABILITIES

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#### COMPARATIVE OPERATING STATEMENT

Acct.		Ref.		Previous		
No.	Account Name	Page		Year		Current Year
(a)	(b)	C		(d)		(e)
	Utility Operating Income					
400	Operating Revenues	27	\$	39,088,743	\$	42,190,123
401	Operating Expenses	28	\$	23,170,620	\$	23,432,760
	Depreciation Expenses			5,715,209		7,362,501
	Amortization of Utility Plant					
400	Acquisition Adjustment			201,120		201,120
407	Amortization Expense			378,962		378,962
	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			(( ) <b>( )</b> ( )		011 001
	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	ļ				
419	Interest & Dividend Income	1		2,506,262	] .	2,112,845
420	Allowance for Funds Used During					
	Construciton			170.000		(30,113)
	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		\$		ู่ร า	<b></b>
	Total Taxes Applic. To Other Income		\$_		่\$ า	

Account		Ref.		Previous		
No.	Account Name	Page		Year		Current Year
(a)	(b)	©		(d)		(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 Premiun on Debt			4,928	-	-
	Total Interest Expense		\$.	7,154,363	\$_	7,099,278
	EXTRAORDINARY ITEMS					
433	Extraordinary Income	1	\$		\$_	
434	Extraordinary Deductions		.		-	
	Total Extraordinarly Items		\$	-	\$_	-
	NET INCOME		\$	4,515,296	\$_	5,409,085

# COMPARATIVE OPERATING STATEMENT - Continued

#### Statement of Retained Earnings

ACCT.	2008	Γ	
No.			Amount
(a)	(b)	-	(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
045.4		L	
215.1	Retained Earnings From Income Before Contributions:		
	Balance Beginning of Year	\$	35,057,198
435	Balance Transferred from Net Income Before Contributions	\$	5,409,08
	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)	<sup>⇒</sup>	
	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

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# 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

						.1	.2	.3	.4	.5
	2008	End of			End of	Intangible	SOS &	Water	Trans &	
Acct		Previous			Current	Plant	Pumping	Treatment	Distrib	General
No.	Account Name	Year	Additions	Retirement	Year	Intan-	Plant	Plant	Plant	Plant
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	V P	.,		(0)		(5)			0/	
301	Organization						sxxxxxxx	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX
	Franchises							\$XXXXXXX		\$XXXXXXX
303	Land & Land Rights	\$2,859,437	\$34,337		\$2.893.774	\$XXXXXXX				
304	Structures & Improvements	\$72,898,436		\$631,779	\$72,672,046					
305	Collecting & Impounding Reserviors					1\$XXXXXXX		\$XXXXXXX	\$XXXXXXX	
306	Lake, River & Other Intakes	\$1,463,171			\$1,463,171	\$XXXXXXX		\$XXXXXXX		\$XXXXXXX
307	Wells and Springs					\$XXXXXXX		\$XXXXXXX		\$XXXXXXX
308	Infiltration Galleries & Tunnels							\$XXXXXXX		
309	Supply Mains	\$2,821,711			\$2,821,711	\$XXXXXXX	2.821.711	\$XXXXXXX		\$XXXXXXX
310	Power Generation Equipment					\$XXXXXXX		\$XXXXXXX		\$XXXXXXX
311	Pumping Equipment	\$9,567,388	\$174,775	\$2,576	\$9,739,587	\$XXXXXXX				
320	Water Treatment Equipment	\$10,286,622	\$91,120	\$2,104					\$XXXXXXX	\$XXXXXXX
330	Distribution Reserviors & Standpipes	\$7,500,741	\$1,984,024					\$XXXXXXX		\$XXXXXXX
331	Transmission & Distribution Mains	\$123,822,269	\$3,219,063		\$127,041,332	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	127,041,332	
333	Services	\$21,844,754	\$1,021,056		\$22,865,810					\$XXXXXXX
	Metes & Meter Installations	\$7,737,814	\$165,744					\$XXXXXXX		\$XXXXXXX
335	Hydrants	\$5,484,015	\$220,303					\$XXXXXXX		\$XXXXXXX
336	Backflow Prevention Devices							\$XXXXXXX		\$XXXXXXX
	Other Plant & Misc. Equipment	\$3,340,890	\$879	\$1,005	\$3,340,764	1			3.340.764	\$XXXXXXX
	Office Furniture & Equipment	\$2,410,692	\$149,808	\$27,177	\$2,533,323	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	
	Transportation Equipment	\$2,661,578	\$248,507	\$139,908	\$2,770,177	\$xxxxxxx	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	
	Stores Equipment	\$278,672		\$1,799			\$XXXXXXX		\$XXXXXXX	276,873
	Tools, Shop, & Garage Equipment	\$132,169	\$23,283		\$155,452	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	155,452
	Laboratory Equipment	\$66,086	\$28,605		\$94,691	\$xxxxxxx	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	94,691
	Power Operated Equipment	\$786,449	\$59,901		\$846,350	]\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	
	Communication Equipment	\$286,136	\$64,677	\$28,368	\$322,445	]\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	322,445
	Miscellaneous Equipment	\$597,746		\$45	\$597,701	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	
348	Other Tangible Plant					\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	\$XXXXXXX	
	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
L]										

#### Analysis of Accumulated Depreciation and Amortizanon by Primary Account

Acct.	1		Balance	Credits During th	R I CAL	Charges Durin	g ine year	Balance End
			Beginning of	Charges to	Other	Plant	Other	of Year
No.	Account		Year	Dep. Exp.	Credits	Retirements	Charges	
(a)	(b)		c	(d)	(e)	(f)	(g)	(h)
301	Organization	\$		\$	\$	s	\$	s
302	Franchises	1-21		9	· · ·	3	\$	3
	Limited Term Interest in Land	++						
303		1						
	and Land Rights	+		0.000				
304	Structures & Improvements	++	16,262,186	2,377,223		420,388		18,219,021
305	Collecting & Impounding					1		
	Reservoirs	+						
	Lake River & Other Intakes		813,877	27,701				841,578
	Wells & Srpings							
	Supply Mains		414,539	57,586				472,125
310	Power Generating Equip.							
	Pumping Equipment		4,510,728			2,459		5,015,092
	Water Treatment Equip.		3,821,913	367,719		1,655		4,187,977
330	Distribution Reservoirs &							
	Standpipes		2,943,671	280,690				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	$\square$	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
000		Ħ				.,		2,512,015
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							
343	Tools, Shop & Garage Equip.	TI	323,500			1,799		342,435
344	Shop Equipment		40,455	18,162				58,617
345	Power Operated Equip.		555,624	51,614				607,238
346	Telecommunications Equipment		281,406	1,746		28,369		254,783
347	SCADA							
348	Other Tangible Plant		592,222	535		45		592,712
	Totals	\$	61,398,206	\$ 7,362,501	\$	\$ 1,220,412	\$ -	\$ 67,540,294

#### **ACCUMULATED AMORTIZATION (ACCT. 110)**

Description	Total
Balance first of year Credit during year: Accruals Charged to Account 110.1 Accruals Charged to Account 110.2 Other Accruals (specify)	\$N/A
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	1	18,712	
Mentor District 9-1-76	1	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	

-16-

# Investments and Special Funds (Acct. 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	\$	\$\$
Total Other Investments:	\$	\$ 2,426,639
Special Funds (Acct. 126 & 127): Prepayment Reserve		
Total Special Funds		\$

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

# 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	* #.* <u>COMB</u> #.##### <u>2149.000</u> 4999-7.		Total
ACCOUNTS & NOTES RECEIVABLE: Customer Accounts Receivable (Acct. 141) Other Accounts Receivable (Acct. 142) Assessments Other			\$ 5,328,898
		· · · · · · · · · · · · · · · · · · ·	 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			\$ -
			\$ 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 Prepaid Rents Prepaid Interest	\$	76,416	
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	1 -	13,038		232,520
Cost of Issue 2002 A	1 -	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	1 -	11,760		227,390
Bond Discount 2003 B	-	8,520		165,433
Cost of Issue 2003 C	1 -	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	1 -	6,994	[ ~	159,119
Cost of Issue Bond 2006	-	8,640		196,560
Discount 2007 BAN	-	1,222	1 ~	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.

3

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

# ADVANCES FOR CONSTRUCTION (ACCT. 252)

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

#### Long Term Debt (Acct. 224)

Description of Obligation And Amount of Original Issue	Date	Date		erest Expense For Year		Principal per balance Sheet Date	
(a)		of Maturity (c)	Rate (d)	Amount (e)		(f)	
				\$	\$	· · · · · · · · · · · · · · · · · · ·	
······································							
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	
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Total			ł	\$	\$	4,973,035.00	

#### Account 221, BONDS

Line	Par Value of	Cash Realized on	Par Value of	[	Interest	During Year
No.	Actual Issue	Actual Issue	Amount Held by or	Actually Outstanding		Actually
		1	for Respondent	at Close of year	Accrued	Paid
	1	2	3	4	5	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 <u>,786</u>
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	Bond	Maturity	Interest	Principal Amount	Amount Paid	Remaining Bonds
No.	Numbers	Date	Rate			Outstanding
	7	8	9	10	11	12
1						
2		See Attachments	23.1 Through 23.1	1		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12		}				
13						
14						
15						

	ntucky Water Se 11,225,000 , Da		Attachment 23.1		
Bond	Maturity	Interest	Principle	Amounts	Outstanding
Number	Date	Rate	Amount	Paid	
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	1	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

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Northern Kent	ucky Water Servi	A	ttachment 23.2		
Bond	1,355,000 , Dated Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding
Number		4.700%	250,000.00	250,000.00	
Registered	02/01/1999	4.700%	200,000.00	200,000.00	
Registered	02/01/2000	4,700%	200,000.00	200,000.00	
Registered	02/01/2001	4.700%	210,000.00	210,000.00	
Registered	02/01/2002	4.700%	220,000.00	220,000.00	
Registered	02/01/2003	4.700%	230,000.00	230,000.00	
Registered	02/01/2004	4.700%	240,000.00	240,000.00	
Registered	02/01/2005		255,000.00	255,000.00	
Registered	02/01/2006	4.700%	265,000.00	265,000.00	
Registered	02/01/2007	4.700%	280,000.00	280,000.00	······································
Registered	02/01/2008	4.750%	and the second	200,000.00	280,000.00
Registered	02/01/2009	4.750%	280,000.00		295,000.00
Registered	02/01/2010	4.750%	295,000.00		310,000.00
Registered	02/01/2011	4.750%	310,000.00		325,000.00
Registered	02/01/2012	4.750%	325,000.00		340,000.00
Registered	02/01/2013	4.800%	340,000.00		360,000.00
Registered	02/01/2014	4.850%	360,000.00		375,000.00
Registered	02/01/2015	4.875%	375,000.00		395,000.00
Registered	02/01/2016	4.875%	395,000.00		415,000.0
Registered	02/01/2017	4.875%	415,000.00		435,000.00
Registered	02/01/2018	4.875%	435,000.00		
Registered	02/01/2019	4.875%	455,000.00		455,000.0
Registered	02/01/2020	4.875%	480,000.00		480,000.0
Registered	02/01/2021	4.875%	505,000.00		505,000.0
Registered	02/01/2022	4.875%	530,000.00		530,000.0
Registered	02/01/2023	4.875%	555,000.00		555,000.0
Registered	02/01/2024	4.875%	585,000.00		585,000.0
Registered	02/01/2025	4.875%	610,000.00		610,000.0
Registered	02/01/2026	4.875%	645,000.00		645,000.0
Registered	02/01/2027	4.875%	675,000.00		675,000.0
Registered	02/01/2028	4.875%	435,000.00		435,000.0
TOTALS			11,355,000.00	2,350,000.00	9,005,000.0

	ntucky Water Se \$2,287,000 - 2			Attachment 23.3		
Year	Maturity Date	Interest Rate	Principle Amount	Amounts Paid	Outstanding	
2000	Jui		0.00	0.00	0.0	
2000			0.00	0.00	0.0	
2002			21,000.00	21,000.00	0.0	
2003			22,000.00	22,000.00	0.1	
2004	<u></u>		24,000.00	24,000.00	0,	
2005			24,000.00	24,000.00	0.	
2006			26,000.00	26,000.00	Q.	
2007			27,000.00	27,000.00	0.	
2008			28,000.00	28,000.00	0.	
2009			30,000.00		30,000.	
2010			31,000.00		31,000.	
2011			33,000.00		33,000.	
2012			34,000.00		34,000.	
2013			36,000.00		36,000.	
2014			38,000.00		38,000.	
2015			40,000.00		40,000.	
2016			42,000.00		42,000.	
2017			44,000.00		44,000.	
2018			46,000.00		46,000.	
2019			49,000.00		49,000.	
2020			51,000.00		51,000.	
2021			54,000.00		54,000.	
2022			56,000.00		56,000.	
2023			59,000.00	**************************************	59,000.	
2024			62,000.00		62,000.	
2025	·······		65,000.00		65,000.	
2026			68,000.00		68,000.	
2027			72,000.00		72,000.	
2028			75,000.00		75,000	
2029	· · · · · · · · · · · · · · · · · · ·	······································	79,000.00		79,000.	
2030			83,000.00		83,000	
2031			87,000.00		87,000	
2032			92,000.00		92,000	
2033	······································		96,000.00		96,000	
2034			102,000.00		102,000	
2035	<u></u>		107,000.00		107,000	
2036			112,000.00		112,000	
2037			118,000.00		118,000	
2038			124,000.00		124,000	
2039			130,000.00		130,000	
Totals			2,287,000.00	172,000.00	2,115,000	

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Northern Ker	ntucky Water Serv	A	tachment 23.4		
Bond lusse Bond Number	\$16,325,000.00 D Maturity Date	ated 10-23-2001 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
Registered	2/1/2010	4,100%	75,000.00		75,000
Registered	2/1/2011	4,200%	80,000.00		80,000
Registered	2/1/2012	4.350%	80,000.00		80,000
Registered	2/1/2013	4.450%	735,000.00		735,000
Registered	2/1/2014	4.550%	770,000.00		770,000
Registered	2/1/2015	4.670%	810,000.00		810,000
Registered	2/1/2016	4.750%	845,000.00		845,00
Registered	2/1/2017	4.820%	890,000.00		890,00
Registered	2/1/2018	4.850%	930,000.00		930,00
Registered	2/1/2019	4,900%	980,000.00		980,00
Registered	2/1/2020	4.950%	1,030,000.00		1,030,00
Registered	2/1/2021	5.000%	1,080,000.00		1,080,00
Registered	2/1/2022	5.000%	1,135,000.00		1,135,00
Registered	2/1/2023	5.000%	1,190,000.00		1,190,00
Registered	2/1/2024	5.100%	1,255,000.00		1,255,00
Registered	2/1/2025	5.100%	1,320,000.00		1,320,00
Registered	2/1/2026	5.100%	1,390,000.00		1,390,00
TOTALS			16,325,000.00	1,575,000.00	14,750,00

Northern Ke	ntucky Water Se	rvice District			Attachment 23.5
Bond lusse	\$45,485,000.00	Dated 2/1/2002			
Bond	Maturity	Interest	Principle	Amounts	Outstanding
Number	Date	Rate	Amount	Paid	
Registered	2/1/2003				
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	2/1/2010	4.50%	465,000.00		465,000.00
Registered	2/1/2111	4.50%	485,000.00		485,000.00
Registered	2/1/2012	4.50%	1,530,000.00		1,530,000.00
Registered	2/1/2013	4.50%	950,000.00		950,000.00
Registered	2/1/2114	4.50%	990,000.00		990,000.00
Registered	2/1/2115	4.65%	1,035,000.00		1,035,000.00
Registered	2/1/2116	4.75%	1,100,000.00		1,100,000.00
Registered	2/1/2117	4.75%	1,625,000.00		1,625,000.00
Registered	2/1/2118	4.75%	2,520,000.00		2,520,000.00
Registered	2/1/2119	4.75%	2,640,000.00		2,640,000.00
Registered	2/1/2020	5.00%	3,080,000.00		3,080,000.00
Registered	2/1/2021	5.00%	3,240,000.00		3,240,000.00
Registered	2/1/2022	5.00%	3,405,000.00		3,405,000.00
Registered	2/1/2023	5.00%	3,580,000.00		3,580,000.00
Registered	2/1/2024	5.00%	3,765,000.00		3,765,000.00
Registered	2/1/2025	5.00%	3,960,000.00		3,960,000.00
Registered	2/1/2026	5.00%	4,160,000.00		4,160,000.00
Registered	2/1/2027	5.00%	4,375,000.00		4,375,000.00
TOTALS			45,485,000.00	2,215,000.00	43,270,000.00

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otucky Water Se	A	ttachment 23.6		
\$10,575,000.00	Dated 12/5/2002			
Maturity	Interest	Principle	Amounts	Outstanding
Date	Rate	Amount	Paid	
12/5/2002				0.00
2/1/2003	3.00%	and the second		0.00
2/1/2004	3.00%			0.00
2/1/2005	3.00%	490,000.00		0.00
	3.00%	530,000.00		0.00
	3.50%	580,000.00	and the second	0.00
	3.50%	625,000.00	625,000.00	0.00
and the second	3.50%	745,000.00		745,000.00
	The second se	775,000.00		775,000.00
	the second se	805,000.00		805,000.00
		835,000.00		835,000.00
and the second statement of the se	I	870,000.00		870,000.00
Concerning a second		900.000.00		900,000.00
		and the second secon		930,000.00
				965,000.00
				535,000.00
2/1/2/11/	1.00 //		3,215,000.00	7,360,000.00
	\$10,575,000.00 Maturity Date 12/5/2002 2/1/2003	Date         Rate           12/5/2002	\$10,575,000.00         Dated 12/5/2002           Maturity         Interest         Principle           Date         Rate         Amount           12/5/2002	Multicky water Service District           \$10,575,000.00 Dated 12/5/2002           Maturity         Interest         Principle         Amounts           Date         Rate         Amount         Paid           12/5/2002

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Northern Ken Bond Issue :	tucky Water Ser	vice District Dated 3/13/2003		A	ttachment 23.7
Bond	Maturity	Interest	Principle	Amounts	Outstanding
Number	Date	Rate	Amount	Paid	
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		95,000.0
Registered	2/1/2032	4.60%	30,000.00		30,000.0
TOTALS			1,615,000.00	175,000.00	1,440,000.0

	ntucky Water Se				Attachment 23.8
		Dated 8/1/2003			
Bond	Maturity	Interest	Principle	Amounts	Outstanding
Number	Date	Rate	Amount	Paid	
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	2/1/2111	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	2/1/2114	3.25%	1,060,000.00		1,060,000.00
Registered	2/1/2115	3.50%	1,095,000.00		1,095,000.00
Registered	2/1/2116	4.00%	1,135,000.00		1,135,000.00
Registered	2/1/2117	4.00%	1,175,000.00		1,175,000.00
Registered	2/1/2118	4.00%	1,225,000.00		1,225,000.00
Registered	2/1/2119	4.13%	1,275,000.00		1,275,000.00
Registered	2/1/2020	4.13%	1,325,000.00		1,325,000.00
Registered	2/1/2121	4.13%	1,380,000.00		1,380,000.00
Registered	2/1/2022	4.13%	1,440,000.00		1,440,000.00
Registered	2/1/2023	4.13%	1,500,000.00		1,500,000.00
Registered	2/1/2024	4.13%	1,565,000.00		1,565,000.00
Registered	2/1/2025	4.13%	1,630,000.00		1,630,000.00
Registered	2/1/2026	4.13%	1,700,000.00		1,700,000.00
Registered	2/1/2027	4.13%	1,770,000.00		1,770,000.00
Registered	2/1/2028	4.13%	1,845,000.00		1,845,000.00
TOTALS			30,270,000.00	4,305,000.00	25,965,000.00

Northern Ken	tucky Water Se	Attachment 23.9					
Bond Issue	nd Issue : \$23,790,000.00 Dated 12/18/2003						
Bond	Maturity	Interest	Principle	Amounts	Outstanding		
Number	Date	Rate	Amount	Paid			
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		

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Northern Ke	ntucky Water Ser	vice District			Attachment 23.10
Bond Issue		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	
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

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Northern Ker	ntucky Water Se	rvice 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	
Registered	2/1/2008	4.000%	720,000.00	720,000.00	
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

lorthern Kent	ucky Water Se	rvice District	ſ		Attachment 23.12
Bond Issue	01/06/09	\$29,200,000.00			
Bond	Maturity	Interest	Principle	Amounts	Outstanding
Number	Date	Rate	Amount	Paid	( 200 000 0
Registered	2/1/2009	3.750%	1,000,000.00		1,000,000.0
Registered	2/1/2010	3.750%	645,000.00		645,000.0
Registered	2/1/2111	3.750%	670,000.00		670,000.0
Registered	2/1/2012	3.750%	695,000.00		695,000.0
Registered	2/1/2013	3.750%	720,000.00		720,000.0
Registered	2/1/2114	4.000%	750,000.00		750,000.0
Registered	2/1/2115	4.125%	780,000.00		780,000.0
Registered	2/1/2116	4.250%	815,000.00		815,000.0
Registered	2/1/2117	4.750%	850,000.00		850,000.0
Registered	2/1/2118	5.000%	895,000.00		895,000.
Registered	2/1/2119	5.000%	940,000.00		940,000.
Registered	2/1/2020	5.125%	990,000.00		990,000.
Registered	2/1/2021	5.250%	1,040,000.00		1,040,000.
Registered	2/1/2022	5.375%	1,100,000.00		1,100,000.
Registered	2/1/2023	5.500%	1,160,000.00		1,160,000.
Registered	2/1/2024	5.700%	1,225,000.00	·	1,225,000.
Registered	2/1/2025	5.775%	1,300,000.00		1,300,000.
Registered	2/1/2027	5.750%	1,375,000.00		1,375,000.
Registered	2/1/2029	6.000%	1,460,000.00		1,460,000.
Registered	2/1/2031	6.000%	1,550,000.00		1,550,000.
Registered	2/1/2029	6.000%	1,645,000.00		1,645,000
Registered	2/1/2030	6.000%	1,745,000.00		1,745,000
Registered	2/1/2031	6.000%	1,855,000.00		1,855,000
Registered	2/1/2032	6.500%	1,975,000.00		1,975,000
Registered	2/1/2033	6.500%	2,110,000.00		2,110,000
TOTALS	211/2000		29,290,000.00	0.00	29,290,000

#### Notes Payable (Acct. 232 & 234)

2008	Nominal	Date	INTE	REST		Principal Amount
	Date of	of		Amou	nt	per
	Issue	Maturity	Rate	of paym	ent	Balance Sheet
8	b	C	d	е		f
Account 232 - Note Payable						
Campbell Co. Fiscal Court			0.00%	\$	\$	100,000
BAN 2007			3.70%	1,012,	740	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	_\$	
		a substance and the second

#### TAXES ACCRUED (ACCOUNT 236)

ACCT.	2008 DESCRIPTION	TOTAL
NO.	(b)	() ()
<u>(a)</u>	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)

<u> </u>				INTEREST		INTEREST	···	BALANCE
		BALANCE		ACCRUED		PAID		END OF
	1	BEGINNING		DURING		YEAR		YEAR
DESC. DEBT		OF YEAR		YEAR		(d)		(e)
(a)		(b)		(c)		(u)	<del></del>	(e/
Acct. No. 237.1 -								
Accured Interest								
on Long-term Debt						·		l
				100.100		400 700		74,416
Series 1997		92,031		182,123		199,738		NAME AND ADDRESS OF TAXABLE PARTY.
Series 1998		187,682		438,245	.	443,786		182,141 17.847
2000 RUS Loan		18,083		106,207	.	106,443		294,584
Series 2001		297,417		707,567		710,400		881,767
Series 2002 A	_	889,454		2,117,778		2,125,465 302,219		121,368
Series 2002 B		130,482		293,105		And the second		26,060
Series 2003 A		26,439		62,622		63,001		407,500
Series 2003 B		414,959		979,492		986,950		273,021
Series 2003 C		285,586		657,405		669,969		160,078
Series 2004 A		162,948		384,762		387,632		482,953
Series 2006	-	494,953		1,161,488		1,173,488		402,300
Total Acct No. 237.1	\$ _	3,000,033	\$	7,090,792	\$	7,169,090	\$	2,921,735
Acct. No. 237.2 - Accured Interest on Other Liabilities:								
2007 BAN # 1	\$ _	251,276		1,013,937		1,005,105	\$	260,108
	-				1	*****		
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 exper	nse		L	8,241,387				
Less Surcharges				(603,337)	•			
Less Capitalized Inte	rest			(727,041)				
Interest Expense				6,911,009				
Interest Expense								

#### Miscellaneous Current & Accrued Liabilities (Account 242)

2008	1	Balance
Description	1	End of Year
(a)		(b)
		<b>60 50 5</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 Miscellancous Current & Accrued Liabilities	\$	1,803,786

#### Regulatory Commission Expense (Accounts 666 and 667)

2006		TOTAL INCURRED DURING		AMOUNT ANSFERRED D ACCOUNT	EXPENSED DURING YEAR			
DESCRIPTION OF CASE (DOCKET #)	•	YEAR		# 186.1	ACCT.	1	AMOUNT	
(a)	[	(b)		(c)	(d)		(e)	
Rate Case 2005-0148 Rate Case 2007	\$	_	\$ \$	-	667 667 667		85,704 36,914 -	

#### WATER OPERATING REVENUE

Acct	2008	Beginning Year No.	Year End Number	
No.	Description	Customer	Customers	Amounts
	(b)	(C)	(d)	(e)
<u>(a)</u>	(0)			(0)
	Operating Revenues:			
460	Unmeter Water Revenue			\$
461	Meter Water Revenue:			\$
461.1	Sales to Residential Customers	73,361	73,666	
461.2	Sales to Commercial Customers	4,392	4,336	
461.3	Sales to Industrial Customers	111	114	
461.4	Sales to Public Authorities	482	486	\$ 2,085,36
461.5	Sales to Multiple Family Dwellings	1,587	1,608	\$ 3,190,71
461.6	Sales through Bulk Loading Stations			\$ 37,91
10110	Total Metered Sales	79,933	80,210	
462	Fire Protection Revenue:			\$
462.1	Public Fire Protection			\$ \$
462.2	Private Fire Protection	450	450	\$ 31,98
	Total Fire Protection Revenue	450	450	\$31,98
464	Other Sales to Public Authorities			\$
465	Sales to			\$
466	Sales for Resale	3	4	
467	Interdepartmental Sale			\$
	Total Sales of Water	80,386	80,664	\$40,409,73
	Other Water Revenues:			
469	Guaranteed Revenues			\$
470	Forfeited Discounts			\$ 906,63
471	Miscellaneous Service Revenues			\$
472	Rents from Water Property			\$ 493,59
472	Interdepartmental Rents			¢400,00
473	Other Water Revenues			\$ 380,16
4/4				•
	Total Other Water Revenues	•••••••••••		\$1,780,38
	Total Water Operating Revenues	•••••		\$ 42,190,12

### WATER UTILITY EXPENSE ACCOUNTS

		-	WATER EXPENSE ACCOUNT MATRIX							
				.2	.3 11	.4	.5	.6	.7	.8
	2008		.1		.•				11	
			Source of	Source of	Water	Water	Trans &	Trans &		Adminis-
			Supply &	Supply &	Treatment	Treatment	Distribution.	Distribution.	Customer	Trative &
			Pumping	Pumping	Expense-	Expense-	Expense-	Expense-	Accounts	General
		Current	Expense-	Expense-		Maintenance.	Operation	Maintenance.	Expense	Expenses
Acct	Account Name	Year	Operation	Maintenance.	Operation	(g)	(h)	(i)	(i) [	(k)
No	(b)	(c)	(d)	(e)	(f)					
(a)	(9/				AL 010 501 00	\$744,944.00	\$954,562.00	\$2,291,142.00	\$1,735,730.00	\$1,150,781.00
	a Luine & Maga Employees	\$8,489,680.00			\$1,612,521.00	\$144,044.00	4001100000			
1	Salaries & Wage - Employees	\$0.00				\$93,901.00	\$717,501.00	\$689,460.00	\$665,089.00	\$522,804.00
603	Salaries & Wage - Officers	\$3,431,364.00			\$742,609.00	\$93,501.00	<b><i>(</i>)</b>			
604	Employee Pensions & Benefits						\$1,284,141.00			\$178,703.00
610	Purchased Water	\$2,437,335.00	\$787,555.00		\$186,936.00		\$7,594.00			
615	Purchased Power	\$160,113.00			\$152,519.00		47,00			
616	Fuel for Power Production	\$1,642,807.00			\$1,642,807.00	0014 600 00	\$146,985.00	\$921,521.00	\$268,542.00	\$206,567.00
618	Chemicals	\$1,943,629.00			\$185,324.00	\$214,690.00	φ140,000.00			\$18,820.00
620	Materials & Supplies	\$18,820.00					\$41,862.00	\$998.00	\$10,881.00	\$86,788.00
631	Contractual Services - Accounting	\$144,225.00			\$3,696.00		\$41,002.001	4000.00		\$84,154.00
633	Contractual Services - Engineering	\$84,154.00				0000 000 000	\$32,975.00	\$949,952.00	\$262,757.00	\$849,668.00
634	Contractual Services - Mgt. Fees	\$2,980,197.00	\$2,662.00	\$31,824.00	\$489,501.00	\$360,858.00	\$32,915.00	40-10,002.00		
635	Contractual Services - Water Testing	\$0.00								
636	Contractual Services - Other	\$0.00								\$750.00
641	Rental of Bldg./Real Property	\$750.00					055 554 00	\$324,289.00	\$119,474.00	\$10,147.00
642	Rental of Equipment	\$584,310.00			\$74,846.00		\$55,554.00		\$15,476.00	
650	Transportation Expenses	\$66,417.00			\$10,962.00		\$36,755.00		\$33,831.00	
656	Insurance - Vehicles	\$338,411.00			\$108,259.00		\$179,406.00		\$25,816.00	
657	Insurance - General Liability	\$109,262.00			\$28,607.00		\$44,655.00		\$20,010.00	\$42,624.00
658	Insurance - Workers Compensation	\$109,533.00			\$66,909.00		ll		H	\$18,417.00
659	Insurance - Other	\$109,533.00		11			1			1
660	Advertising Expenses	\$18,417.00		H			H			H
666	Regulatory Commission Expense -	\$0.00					<u> </u>			\$183,052.00
{	Amortization of Rate Case Expenses			tt	1		l		H	
667	Regulatory Commission Expense - Other	\$183,052.00		H					\$602,772.00	
66		\$0.00		++			11			
67	Bad Debt Expense	\$602,772.00			\$7,133.00		\$7,354.0			and the second se
67		\$87,512.00			\$0.00		\$0.0	\$0.00	<u> 90.00</u>	40.00
69		\$0.00							-	00 436 336 00
			\$700 247 OF	\$31 824 00	\$5,312,629.00	\$1,414,393.00	\$3,509,344.0	0 \$5,185,245.0	53,752,772.0C	\$3,436,336.00
	Total Water Utility Expenses	\$23,432,760.00	\$790,217.00	11-001,024.00	1	1				<u></u>
		1	<u>II</u>		11.					

### Pumping and Purchased Water Statistics

2008	Water Purchased	Water Pumped	Total Water	Water Sold to
	for Resale	From Plants	Pumped and	Customers
	(Omit 000's)	(Omit 000's)	Purchased	(Omit 000's)
			(Omit 000's)	
<u>a</u>	<u>b</u>	<u>с</u>	<u>d</u>	e
T	4	001.010.0	-	540 606 5
January Estaura		821,910.0	821,910.0	540,696.5
February March		750,664.0	750,664.0	520,232.7
4		789,415.0	789,415.0	893,704.2
April May		797,842.0 841,826.0	797,842.0 841,826.0	472,499.8
June		949,307.0	949,307.0	743,434.6
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	<u>u, ayanna anan yanan anan anan anan ana</u>	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
December		029,215.0	029,273,0	1,009,010.9
Total for year		10,624,297.0	10,624,297.0	8,612,086.3
Maximum gallons pumj	ped by all methods in an 8/4/2008			42,000.0
Minimum gallons pump	bed by all methods in any 1/1/2008	• • •		23,000.0
If water is purchased fo Vendor: Point of delivery:	r resale, indicate the foll	oinwg:		
If water is sold to other	water utilities for redistr	ribution, list names of s	such utilities below:	
			Maximum Daily	Maximum Monthly
Pendleton County Wate	er District @ KY17	000's	576	17,280
Pendleton County Wate	er District @ US27	000's	432	12,960
City of Walton		000's	1,500	45,000
Bullock Pen Water Dist	rict	000's	600	18,000

### Sales for Resale (466)

r	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	<u> </u>	
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 Wheter water supply is river, impounded streams, well, springs, artificial lake or collector type well.
- 4 Wether supply is by gravity, pumping, or a combination .
- 5 Type, capacity, and elevation of resrviors at overflow and ground level.
- 6 Miles of main by size and kind.
- 7 Types of filters: gravity or pressure, number of units, and total rated capacity in gallons per minute.
- 8 Type of chlornators, 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 Liking River.

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

5) See attached 31A.

6) See attached 31B.

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

Memmorial 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.

) Fort Thomas Treatment Plant	
1 - 3 million gallons	
1 - 3 1/2 million galions	
Taylor Mill Treatment Plant	
1 - 3 million gallons	
Memorial Parkway Treatment Plant	
1 - 1 million gallons	
) August 4, 2008 - 42,000,000gals	an an the second se

14) N/A

### Water Storage Facilities Northern Kentucky Water District

Updated: 12-31-2008			Туре	Year	Structure	Base	Тор	Overflow	Normal	Normal		
	Automa	City Location	Of	In	Height	Elevation	Elevation	Elevation	Elevation	Elevation	Diameter	Capacity
Storage Location	Address	City Location	Storage	Service	(Feet)	(Feet)	(Feet)	(Feet)	(Feet)	(Feet)	(Feet)	(Gallons)
Aqua Drive	100 Aqua Drive	Cold Spring	Hydropillar		184			1017		10/0.0		2,000,000
			Hydropillar	1969	141	916.5	1057.5	1046.7	1045.0	1040.0	74	
		Bromley	Ground Storage	1966	103	670.0	773.0	764.0	763.0	750.0	75	3,000,000 500,000
Bromley	2816 Dayton St.	Dayton	Ground Storage		50			829.0		10100	400	2,000,000
Dayton Avenue		Florence	Hydropillar	1991	156	939.5		1082.0	L	1042.0	100	5,000,000
Devon	796 Dudley Pike		Ground Storage	1964	59	831.0	889.5	876.0	874.0	866.0	140	5,000,000
Dudley Pike		Edgewood	Ground Storage	1990	59	831.0	889.5	876.0	874.0	866.0	140	
Dudley Pike Ft. Thomas Plant		Ft. Thomas	Clearwell	1936	31	734.0	765.3	764.5	762.0	760.0	400	3,000,000 3,500,000
	700 Alexandria Pike	Ft. Thomas	Clearwell	1990	35	730.0	778.5	764.5	763.5	757.5	130	600,000
Ft. Thomas Plant	2361 Harrison Ave.	Bellevue	Ground Storage	[	60			829.0	L			the second se
Harrison Ave.	Tower Place	Covington	Elevated Tank	1952	175	840.0	1015.0	1005.0	1003.0	1000.0	57	500,000
Ida Spence	5685 Madison Pike	Independence	Hydropillar	1981	137	943.5		1080.0		1039.5	74	1,000,000
Independence	Industrial Rd. & US 25	Florence	Hydropillar	1961	146	945.5	1091.5	1083.5	1081.0	1062.0	50	500,000
Industrial Park	Knollwood Dr.	Highland Hts.	Elevated Tank		113			1017.0		L		500,000
John's Hill Road		Erlanger	Elevated Tank	1953	158	896.0	1054.0	1045.0	1043.0	1033.0	50	500,000
Kenton Lands Rd.	R47 Lumley Ave.	Fort Thomas	Elevated Tank	1937	187			1017.0			ļ	275,000
Lumley Tank	Main St. & US 27	Alexandria	Elevated Tank	1962	152			1017.0				300,000
Main St. Tank	2055 Memorial Pkwy.	Fort Thomas	Clearwell					741.0		<u> </u>	<b></b>	3,000,000
Memorial Pkwy. Plant	Old St. Road #4	Claryville	Elevated Tank	1976	143			1017.0				1,000,000
Old St. 4 Tank	Marion Dr.	Fort Thomas	Elevated Tank	1962	191			1017.0			1	300,000
Rossford Tank		Newport	Elevated Tank		155			965.0			<u></u>	1,000,000
South Newport Tank	Kentucky Drive	Taylor Mill	Clearwell	1	15	509.5	524.5	522.0	520.0	518.0	<u> </u>	1,000,000
Taylor Mill Plant	608 Grand Ave.	Taylor Mill	Standpipe	1	143			1010.0	130.0	110.0		329,000
Taylor Mill Standpipe	5907 Taylor Mill Rd.	Alexandria	Elevated Tank	2008	152	864.0		1017.0			66	750,000
Claryville Tank	Old St. Road #4	Paichanuna	C.Statow rulin	1				То	tal storage	e owned b	y NKWSD:	36,554,000

### Attachment 31A

Nortl. Kentucky Water District

PSC A	nnual Repor	t 2008					2008		
		2007			2008	2008	YTD	2008	2008
		YTD	2007	2007	Additions	Retirements	TOTALS	Miles	Percent
Size	Туре	TOTALS	Miles	Percent	Additions	I/em cinento			
		45.00	0.01	0.001%			45.00	0.009	0.001%
2"	Cast Iron	45.00	0.01	0.000%			-	0.000	0.000%
3"	Cast iron	070 404 69	70.47	6.221%	437.00	9,844.00	362,694.68	68.692	6.017%
4"	Cast Iron	372,101.68	361.99	31.955%	1,106.00	8,159.00	1,904,256.74	360.655	31.591%
6"	Cast Iron	1,911,309.74		19.953%	18,400.00	7,160.00	1,204,671.17	228.157	19.985%
8"	Cast Iron	1,193,431.17	226.03 25.59	2.259%	10,100.00		135,106.54	25.588	2.241%
10"	Cast Iron	135,106.54		11.197%	14,967.00	6,045.00	678,629.48	128.528	11.258%
12"	Cast Iron	669,707.48	126.84	4.906%	1-1,001100	-,	293,423.08	55.573	4.868%
16"	Cast Iron	293,423.08	55.57	0.033%			1,949.00	0.369	0.032%
18"	Cast Iron	1,949.00	0.37	2.188%	699.00	926.00	130,640.79	24.743	2.167%
20"	Cast Iron	130,867.79	24.79		15,066.00		112,588.00	21.323	1.868%
24"	Cast Iron	97,522.00	18.47	1.630%	736.00		29,299.00	5.549	0.486%
30"	Cast Iron	28,563.00	5.41	0.478%	607.00		24,155.21	4.575	0.401%
36"	Cast Iron	23,548.21	4.46	0.394%	007.00		18,523.00	3.508	0.307%
42"	Cast Iron	18,523.00	3.51	0.310%					0.000%
				0.000%			6,050.00	1.145	0.100%
20"	Concrete	6,050.00	1.15	0.101%			21,530.00	4.077	0.357%
24"	Concrete	21,530.00	4.08	0.360%			35,000.00	6.629	0.581%
36"	Concrete	35,000.00	6.63	0.585%					0.000%
				0.000%			375.00	0.071	0.006%
2"	Galvanizec	375.00	0.07	0.006%			010.00		0.000%
				0.000%			50,241.00	9.515	0.833%
4"	Transite	50,241.00	9.52	0.840%			94,528.00	17.903	1.568%
6"	Transite	94,528.00	17.90	1.580%			04,020.00		0.000%
				0.000%			226.00	0.043	0.004%
1 1/2	" Steel	226.00	0.04	0.004%			677.00	0.128	0.011%
2"	Steel	677.00	0.13	0.011%			83.00	0.016	0.001%
4"	Steel	83.00	0.02	0.001%			11.00	0.002	0.000%
6"	Steel	11.00	0.00	0.000%			31.00	0.006	0.001%
8"	Steel	31.00	0.01	0.001%			15.00	0.003	0.000%
10"	Steel	15.00	0.00	0.000%			1,681.00	0.318	0.028%
12"	Steel	1,681.00	0.32	0.028%			582.00	0.110	0.010%
16"	Steel	582.00	0.11	0.010%			549.00	0.104	0.009%
24"	Steel	549.00	0.10	0.009%			0-0.00	0.101	
				0.0048/			52.00	0.010	0.001%
3/4"	Copper	52.00	0.01	0.001%			3,787.00	0.717	0.063%
1"	Copper		0.72	0.063%			4,150.00	0.786	0.069%
1 1/3	2" Copper		0.79	0.069%			12,648.30	2.396	0.210%
2"	Copper	12,648.30	2.40	0.211%			12,0 .0.00		0.000%
				0.000%			2,973.00	0.563	0.049%
1"	Plastic		0.56	0.050%			2,292.00	0.434	0.038%
1 1/	2" Plastic		0.43	0.038%	4 0 45 00		76,041.00	14.402	1.262%
2"	Plastic		14.09	1.244%	1,645.00		108,846.00	20.615	1.806%
3"	Plastic		20.61	1.820%			29,539.00	5.595	0.490%
4"	Plastic		5.59	0.494%	3 340 00	1,531.00	147,620.60	27.958	2.449%
6"	Plastic		27.64	2.440%	3,210.00		522,559.00	98.970	8.669%
8"	Plastic		95.03	8.389%	20,815.00		9,729.00	1.843	0.161%
12"	Plastic	7,145.00	1.35	0.119%	2,584.00	1	0,, 10.00		
	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

Location	# of Units	Form of Chlorine	Туре	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
Taylor Mill Treatment Plant	5	Sodium Hypochlorite	Watson Marlow	22,5 GPH
Ohio River Pump Station	4	Sodium	Milton Roy Max Roy B	- 195 GPH
Memorial Pky Treatment Plant	1 2	Sodium Hypochlorite	Watson Marlow Seepex	9.1 GPH 8 GPH

Attachment 31C

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

**Pump Stations** 

#### Attachment 31D

PUMP	CITY	NO.	PUMP	YEAR	HORSE	VOLTS	PUMP	RATING	[	SERVICE
STATION	LOCATED	OF				REQUIRED	CONTROL	PER PUMP	TDH	TYPE
LOCATION		UNITS						(GPM)	(FEET)	
Ohio River Raw	Brent	1	TV	2005	1250	4160	AUTO	8,400	430	HIGH
Water Pumping		2	VT	2005	1250	4160	AUTO	8,400	430	HIGH
Station #1		3	VT	1997	1250	4160	AUTO	8,400	430	HIGH
		4	VT	2009	1250	4160	AUTO	8,400	430	HIGH
(Feeds FTTP)		5	VT	1999	1250	4160	AUTO	8,400	430	HIGH
	<u> </u>	6	VT	2005	1250	4160	AUTO	9,000	430	HIGH
Latonia Ave.	Covington	1	HC	2007	75 75	440	AUTO AUTO	700 700	400 400	HIGH
and 35th St. Bromley	(Const. 1953) Bromley	2	HC VT	2008 1968	60	<u>440</u> 440	AUTO	500	340	HIGH
Dionney	biomey	2	VT	1986	75	440	AUTO	700	315	HIGH
		3	ντ	1986	75	440	AUTO	700	340	HIGH
Licking River Raw	Taylor Mill	1	VT	1990	350	440	AUTO	8333	126	LOW
Water Pumping	Taylor thin	2	VT	1971	250	440	AUTO	6250	126	LOW
Station		3	VT	1993	150	440	AUTO	4900	94	LOW
Taylor Mill	Taylor Mill	1	VT	2001	600	2300	AUTO	6945	250	HIGH
Treatment		2	VT	1954	450	2300	AUTO	3472	385	HIGH
Plant		3	VT	1997	700	2300	AUTO	3472	385	HIGH
		4	VΤ	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	Edgewood	1	VT	1965	250	440	AUTO	2825	270	HIGH
1040 System	-	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	Edgewood	5	VT	1990	600	460	AUTO	6000	282	HIGH
1080 System		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		VT	1981	400	440	AUTO	2100	515	HIGH
		2	VT	2001	400	440	AUTO	2100	515	HIGH
Line de Diles	O sub-stars	3		1998	400	440	AUTO	2100 500	515 426	HIGH HIGH
Hands Pike	Covington	1	VT	1983	75 75	440 440	AUTO AUTO	500	426	HIGH
West Covington	Covington	2	VT VC	1983 1987	75 40	440	AUTO	1600	60	LOW
west Covington	Covingion	2	VC	1987	40	440	AUTO	1600	60	LOW
Bristow Rd.	Independence		VT	2002	75	480	AUTO	2900	65	LOW
DIISOWING.	macpendence	2	ντ	2002	75	480	AUTO	2900	65	LOW
(Peerless Pumps)		3	VT	2002	75	480	AUTO	2900	65	LOW
Newport PS	Fort Thomas	1	VT	2000	500	440	AUTO	4200	372	HIGH
Variable Speed		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.	1	VT	1990	350	440	AUTO	3500	300	HIGH
	Fort Thomas	2	VT	1990	350	440	AUTO	3500	300	HIGH
	1	3	ντ	1990	350	440	AUTO	3500	300	HIGH
	]	4	VT	2006	350	440	AUTO	3500	300	HIGH
	ļ	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
4	1	2	VC	2008	75	440	AUTO	2050	100	LOW
		3	VC	2007	75	440	AUTO	2050	100	LOW
Ohio River Raw	Fort Thomas	1	VT	1987	800	2400	AUTO	5500	365	HIGH
Water Pumping	]	2	VT	1999	800	2400	AUTO	5000	365	HIGH
Station #2		3	VT	2002	800	2400	AUTO	4000	365	HIGH
(Feeds MPTP)		<u> </u>		L		440	AUTO	2075		
Memorial Parkway	Fort Thomas	1	VC	2008	75	440	AUTO	3675	64	LOW
Treatment Plant	1	2	VC	2008	200	440	AUTO	5300	64	LOW
Raw Water Pumps		3		2008	200	440	AUTO	5300	64	LOW
Carothers Rd.	Newport	1	VT	1996	150 150	460 460	AUTO AUTO	1800 1800	263 263	High High
Pump Stn.	J	2	VT	1996		460	<u>nuiu</u>	1 1000	200	

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_\_F

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

SCHEDULE OF MORTGAGES, BONDS, NOTES, AND OTHER INDEBTEDNESS

Northern Kentucky Water Schedule of Outstanding As of July 31, 2010		
Description		Amount
Bonds	<b>I</b>	
1997 1998		1,855,000 8,430,000
2000 Rural Development Loa 2001 2002 A	n	2,054,000 14,520,000 42,441
2002 B		5,840,000
2003 A 2003 B		1,360,000 24,110,000
2003 C		14,995,000
2004		8,735,000
2006		26,455,000
2009		27,645,000
Total Bonds	\$	136,041,441
Notes		
KIA Loans		11,273,080
Taylor Mill purchase note	\$	1,275,000
Deferred note payable		100,000
BAN 2009		29,160,000
Total Notes	\$	41,808,080
Total Debt	\$	177,849,521

Case No. 2010-\_\_\_\_ Exhibit \_\_\_\_\_G

### NORTHERN KENTUCKY WATER DISTRICT

**Dudley Discharge 36-inch Redundancy Project** 

Kenton County, Kentucky

Project 184-643

### CURRENT BALANCE SHEET AND INCOME STATEMENT

### Northern Kentucky Water District Balance Sheet As of July 31, 2010

	2010	2009
ASSETS CURRENT ASSETS Cash and Cash Equivalents	\$9,872,335	\$11,623,885
Accured Interest Receivable Accounts Receivable Customers Unbilled Customers Other Assessments Receivable Inventory Supplies for New Installation and Maintenance, at Cost	5,137 3,723,626 4,700,000 175,416 87,322 1,086,565 374,086	17,516 3,429,417 4,700,000 31,081 82,711 1,104,915 151,024
Prepaid Items TOTAL CURRENT ASSETS	20,024,487	21,140,549
RESTRICTED ASSETS Boone/Florence Settlement Account Bond Proceeds Fund Debt Service Reserve Account Debt Service Account Improvement, Repair & Replacement	2,034,506 27,376,213 19,964,294 4,552,853 8,691,831	2,429,818 10,615,523 19,220,114 4,151,477 (145,216)
TOTAL RESTRICTED ASSETS	62,619,697	36,271,716
NONCURRENT ASSETS Miscellaneous Deferred Charges Capital assets: Land, System, Buildings and Equipment	7,850,378 315,733,234	8,767,011 290,444,421
Construction in Progress	44,923,698	50,163,129
Total capital assets before accumulated depreciation	360,656,932	340,607,550
Less Accumulated Depreciation	(81,878,858)	(73,983,112)
Total capital assets before accumulated depreciation	278,778,074	266,624,438
TOTAL NONCURRENT ASSETS	286,628,452	275,391,449
TOTAL ASSETS	369,272,636	332,803,714

### Northern Kentucky Water District Balance Sheet As of July 31, 2010

	2010	2009
LIABILITIES AND RETAINED EARNINGS		
CURRENT LIABILITIES Current Portion of Long Term Debt Accounts Payable Accured Payroll & Liabilities Other Accrued Liabilities	\$7,647,748 1,632,750 396,346 100,589	\$6,854,527 1,529,958 336,433 94,925
TOTAL CURRENT LIABILITIES	9,777,433	8,815,843
CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS Accounts Payable Accured Interest Payable	2,251,038 4,021,378	1,032,180 3,877,510
TOTAL CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS	6,272,416	4,909,690
LONG-TERM DEBT Long-Term Portion of Bonded Indebtedness Bond Anticipation Notes Payable Note Payable - Taylor Mill Deferred Note Payable	183,742,715 29,160,000 1,100,000 100,000	184,367,872 1,275,000 100,000
TOTAL LONG-TERM DEBT	214,102,715	185,742,872
TOTAL LIABILITIES	230,152,564	199,468,405
Unrestricted Retained Earnings TOTAL NET ASSETS	110,269,081 139,120,073	104,484,317 133,335,309
TOTAL LIABILITIES AND NET ASSETS	369,272,637	332,803,714

### Northern Kentucky Water District Revenue Actual to Actual For the Seven Months Ending July 31, 2010

4

Acct. #	Description	July 2010	July 2009	Variance	YTD 2010	YTD 2009	Variance
(461 TO 466 (470 TO 470) (4720001000 (471 TO 471	Revenue Water Sales Forfeited Discounts Rents from Water Property Other Water Revenues Total Operating Revenues	\$3,088,672 62,803 42,478 44,480 3,238,433	\$2,969,430 63,017 46,528 23,680 3,102,655	(4%) 0% 9% (88%) (4%)	\$21,577,792 417,475 307,322 193,605 22,496,194	\$21,659,979 440,875 284,950 164,730 22,550,534	0% 5% (8%) (18%) 0%
4190001000 (474 TO 474	Non-Operating Income Interest Income Miscellaneous Total Non-Operating Income Total Revenues	64,801 33,129 97,930 3,336,363	33,084 12,275 45,359 3,148,014	(96%) (170%) (116%) (6%)	602,940 155,030 757,970 23,254,164	271,130 110,298 381,428 22,931,962	(122%) (41%) (99%) (1%)

#### Northern Kentucky Water District Revenue Actual to Actual For the Seven Months Ending July 31, 2010

		For the Seven N	Nonths Ending July	31, 2010		VTD	
Acct. #	Description	July 2010	July 2009	Variance	YTD 2010	YTD 2009	Variance
	Revenue					705,633	3%
	Water Sales:	125,542	127,087	1%	683,102	295,744	2%
461-0002-000	Mater Sales: Income - Residential Water Sales - NEW	46,530	44,635	(4%)	290,211	153,194	(5%)
461-0004-000	Income - Commercial Water Sales - NE	27,010	18,837	(43%)	160,551		(5%)
461-0006-000	Income- Industrial Water Sales - NEWPO	12,040	7,969	(51%)	93,740	89,430	(24%)
461-0008-000	Income - Public Authority Water Sales -	0	0	0%	3,440	2,783	6%
461-0009-000	Water Sales - Multi Family	37,630	38,985	3%	178,691	189,155	(25%)
461-0010-000	Income - Multi Family Water Sales - NE	5,365	5,039	(6%)	40,759	32,625	(25%)
461-0011-000	Water Sales - Bulk Loading	1,671,680	1,640,585	(2%)	11,503,279	11,668,588	
461-0100-000	Income - Residential Water Sales	408,313	373,149	(9%)	2,777,913	2,764,678	0%
461-0101-000	Income - Commercial Water Sales	92.096	89,917	(2%)	1,510,718	1,392,938	(8%)
461-0102-000	Income - Industrial Water Sales	180,303	166,754	(8%)	928,101	943,649	2%
461-0103-000	Income - Public Authority Water Sales	208,670	198,695	(5%)	1,611,830	1,633,952	1%
461-0104-000	Income - Multi Family Water Sales		141,891	4%	958,416	994,955	4%
461-0150-000	Income - Residential Water Sales-TAYLO	136,478	3,750	(00/)	32,841	35,592	8%
461-0151-000	Income - Commercial Water Sales-TAYLO	3,877	102		6,988	8,323	16%
461-0153-000	Income - Public Authority Water Sales- T	122	7,682	170/	66,453	68,007	2%
461-0154-000	Income - Multi Family Water Sales -TAYL	6,355	100,924	(00)()	715,464	667,708	(7%)
466-0001-000	Income - Resale Water Sales	123,652	3,43	1000	15,296	13,026	(17%)
474-0001-000	Water Sales - MISC/Hydrants Mtrs.	3,008			21,577,792	21,659,979	0%
	Total Water Sales	3,088,672	2,969,43	0 (4%)	21,077,102		-
(461 TO 466					417,475	440,875	5 5%
	Forfeited Discounts: Income - Penalties	62,803	63,01	7 0%			
470-0001-000		62,803	63,01	7 0%	417,475	440,87	5
(470 TO 470)	Total Forfeited Discounts						

(470 TO 470) Total Forfeited Discounts

Rents from Water Property:

### Northern Kentucky Water District Revenue Actual to Actual For the Seven Months Ending July 31, 2010

For the Seven Months Enging July 31, 2010									
	Description	July 2010	July 2009	Variance	YTD 2010	YTD 2009	Variance		
<u>Acct. #</u>					\$306,622	\$265,335	(16%)		
Rents from Water 472-0001-000	Property (continued): Rent From Water Property	\$42,378	\$46,428	9%	, ,	19,615	96%		
472-0002-000	Rent from Water Property - Newport	100	100	0%	700				
	Total Rents from Water Property	42,478	46,528	9%	307,322	284,950	(8%)		
(4720001000	Total Rents from Water Property								
	Other Water Revenues:	60	0	0%	180	120	(50%)		
471-0001-000	Meter Tests	0	0	0%	55	15	(267%)		
471-0005-000	Income - Turn on Fees -TAYLOR MILL		22,740	(92%)	188,850	158,575	(19%)		
471-0002-000	Income - Turn on Fees	43,560		9%	4,520	6,020	25%		
474-0002-000	Income - Returned Check Charges	860	940	976	·	404 700	(18%)		
(474 TO 471	Total Other Water Revenues	44,480	23,680	(88%)	193,605	164,730	(1070)		
(471 TO 471				(4%)	22,496,194	22,550,534	0%		
Total Operating Revenues		3,238,433	3,102,655	(470)					
	Non-Operating Income								
	Interest Income:	64,801	33,084	(96%)	602,940	271,130	(122%)		
419-0001-000	Dividend & Interest Income	64,601			602,940	271,130	(122%)		
4190001000	Total Interest Income	64,801	33,084	(96%)	602,940				
							0%		
474 0002 000	Miscellaneous: Sale Of Fixed Assets	0	٥	0%	17,642	0			
474-0003-000	Income - Miscellaneous	0	2	100%	27,258	48,034	43%		
474-0004-000		2,379	4,674	49%	14,268	18,252	22%		
474-0008-000	LAB Test Fees	829	778	3 (7%)	4,345	4,447	2%		
474-0009-000	Commission On Sales Tax	29,919	6,57 <i>1</i>	1 (355%)	64,059	39,114	(64%)		
474-0010-000	Material Sold		250		27,459	450	(6,002%)		
474-0015-000	Miscellaneous Income	1				110 208	(41%)		
(474 TO 474	Total Miscellaneous	33,129	12,27	5(170%)	155,030	110,298			
(4/4 10 4/4			45,35	9 (116%)	757,970	381,428	(99%)		
	Total Non-Operating Income	97,930	40,00			22,931,962	(1%)		
	Total Revenues	3,336,363	3,148,01	4 (6%)	23,254,164	22,931,902	(1,0)		
	10tal Nevenues		3						

	Northern Kentucky Water District Revenue Actual For the Seven Months Ending July 31, 2010								
			July 2010	July 2009	Variance	YTD 2010	YTD 2009	Variance	
Acct. #	Description		2010						

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# testisere Kontucky Water District

# CASE NO: 2010-00351

CONTAINS

# LARGE OR OVERSIZED

# MAP(S)

**RECEIVED ON: September 1, 2010**