

RECEIVED

JUL 16 2015

PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF BULLOCK PEN WATER DISTRICT)
 FOR A CERTIFICATE OF PUBLIC CONVENIENCE)
 AND NECESSITY TO CONSTRUCT AND APPROVE) CASE NO. 2015- 00258
 FINANCING FOR A PHASE XIV WATER LINE)
 EXTENSION PROJECT)

APPLICATION

Comes now the Bullock Pen Water District ("District") by and through its Chairman, Bobby Burgess, and respectfully submits its Application for a Certificate of Public Convenience and Necessity and Approval of Financing for the Bullock Pen Water District Phase XIV Water Line Extension Project ("Improvement Project") which includes the construction of approximately 1.85 miles of new water transmission lines to improve water service to the District's customers.

In support of this Application, the District states as follows:

1. The full name and post office address of the applicant is:

Bullock Pen Water District
 1 Farrell Drive, PO Box 188
 Crittenden, KY 41030

2. The governing body of the District is its Board of Commissioners, with the power to make contracts in the furtherance of the lawful and proper purposes as provided for in KRS 74.010 *et seq.* The District is now and has been since its formation regulated by the Public Service Commission ("Commission"), All records and proceedings of the District previously filed with the Commission are incorporated in this Application by reference.

3. The District is a non-profit water district created pursuant to KRS 74.010 *et seq.* The District has no separate Articles of Incorporation.

4. Pursuant to 807 KAR 5:001, the District states as follows:

A. The District provides water service to approximately 8,500 customers within its territory, The majority of these customers are residential in nature with a limited number of commercial and industrial customers.

B. The territory served by the District includes portions of Grant, Boone, Kenton, Gallatin, Owen and Pendleton Counties.

C. No increase in the rates charged by the District will be necessary to implement this project.

5. Pursuant to KRS 278.010 *et seq.*, the District seeks the following:

A. Certificate of Public Convenience and Necessity permitting the District to construct approximately 1.85 miles of new water lines; and

B. Approval of a plan of financing for the Improvement Project.

6. The description of the District's water system and all real and personal property owned by the District (Exhibit "1") as stated at its original cost by account is referred to in the District's

December 31, 2014 Annual Report which is incorporated herein by reference pursuant to 807 KAR 5:001 *et seq.* (Exhibit "1").

7. The Improvement Project which is the subject matter of this Application consists of the following:

A. The Improvement Project represents an approximate 1.85 miles of new

water lines which will include three (3) directional creek bores and one (1) interstate bore to connect (loop) existing dead-end water lines on White Chapel Road, Mitts Road, Heekin Road, Vallandingham Road and Osborne Road in the southern portion of the District's territory. The new water lines to be constructed will achieve the following:

- (1) Improve water system flows;
- (2) Provide secondary feed and sources of water;
- (3) Dramatically reduce the flushing of dead-end water lines during warmer summer months; and
- (4) Assist the District in maintaining proper chlorine levels in the southern portion of the District's territory to insure water quality and reduce the risk of future adverse water quality issues.

B. One of the connections (loop) will provide for the construction of a second master meter leading to the City of Williamstown Municipal Water System, thereby providing the District with a secondary source of water. This secondary source will enable the District to better feed its Stewardsville Tank and provide the District the flexibility to purchase additional water from the City of Williamstown.

C. The District has been recently informed by the Commonwealth of Kentucky, Energy & Environment Cabinet, Division of Water, Dam Safety Division, that the Bullock Pen Lake dam will undergo a major reconstruction project. This dam remediation project will require Bullock Pen Lake to be drained until the dam is repaired. The projected length of time the lake will be out of service is projected to be 2 to 3 years and possibly longer. The District receives approximately 40% of its water for distribution to its customers from Bullock Pen Lake.

The remaining 60% is purchased from Northern Kentucky Water District, City of Williamstown, Boone County, and City of Walton. The Phase XIV Project will enable the District to secure a second master meter site to obtain water from the City of Williamstown and to loop various portions of the District's system to provide more efficient water distribution.

8. The Improvement Project is in the public's best interest and is required to enable the District to better serve existing customers; to enable the District to conserve water supplies by a significant reduction in water dumping in the warmer summer months; and to provide the District alternative- water transmission lines to facilitate the District's purchase of water from the City of Williamstown in the southernmost areas of the District. See the attached Preliminary Engineering Report (Exhibit "2") for a more detailed description of the Improvement Project.

9. The District does not contemplate having the Improvement Project constructed with any deviation from minimum construction standards of the Commission.

10. The total cost of the improvement Project is approximately \$869,600.00 as outlined in the attached Final Project Cost Estimate (Exhibit "3").

11. The proposed Improvement Project will not compete with any other utility in the area.

12. Copies of the certified bid tabulations for the Improvement Project are contained in the Final Engineering Report (Exhibit "4").

13. The 2014 Annual Report provides financial data for the 12 month period ending December 31, 2013. To the extent that the financial data contained in its 2014 Annual Report does not contain financial data for the period ending within 90 days of the filing of this Application, the District would request and moves for a deviation from 807 KAR 5:001 *et seq.* The District states

that there has been no change that is material in nature regarding the financial condition or operation of the District since December 31, 2014. The financial data contained in the 2014 Annual Audit Report is the most recent published financial data available to the District (Exhibit "1").

14. The District has bid the Improvement Project and is under a 90-day bid-hold by the Contractor. The bid-hold ends September 10, 2015. As such, it is important that the Improvement Project be approved as quickly as possible in order to avoid the loss of favorable bids received by the District.

Moreover, with the contemplated Bullock Pen Lake Dam Remediation Project scheduled to begin in late 2016 or early 2017, it is imperative that the District implement the Improvement Project as soon as possible in order to ensure that all construction is complete and operational before the Dam Remediation Project begins.

15. The total cost of the Improvement Project is estimated to be approximately \$869,600.00 and will be financed as follows:

A. The District will secure a loan from the Kentucky Infrastructure Authority (KIA) Drinking Water Revolving Loan Fund, Fund F in the amount of \$849,600.00. The interest rate shall be 1.75% with a 20 year term. A copy of the KIA Loan Commitment and Loan Details is attached as Exhibit "8". A copy of the KIA Loan Commitment Extension dated February 18, 2015 is also attached as Exhibit "8". A copy of the loan amortization schedule is also contained in Exhibit "8".

B. \$20,000.00 of the total Improvement Project cost will be provided by the District.

16. The District does not plan to support the Application with prepared testimony.

17. The District has received all approvals and permits necessary for the construction of the Improvement Project, copies of which are attached hereto as Exhibit "5".

18. The District is providing three (3) full sets of a Project Manual for the improvement Project and all Engineering Plans and Specifications (Exhibit "6").

19. A rate increase will not be necessary to implement the Improvement Project.

20. The estimated cost of operation of the Improvement Project upon completion is attached as Exhibit "7".

WHEREFORE, the District requests the Commission to grant the following:

A. Issue a Certificate of Public Convenience and Necessity permitting the District to construct the Bullock Pen Water District Phase XIV Improvement Project; and

B. For an Order approving the financing arrangements Bullock Pen Water District Phase XIV Improvement Project made by the District in the sum of \$849,600.00 through the Kentucky Infrastructure Authority.

BULLOCK PEN WATER DISTRICT

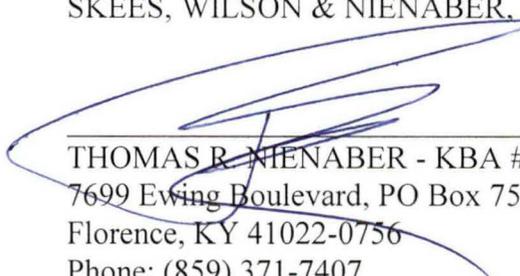
BY: 
BOBBY BURGESS, CHAIRMAN

COMMONWEALTH OF KENTUCKY
COUNTY OF GRANT

Subscribed, sworn to and acknowledged before me by the said Bobby Burgess, Chairman, Bullock Pen Water District, so authorized pursuant to duly enacted Resolution of its Board of Commissioners this 7 day of July, 2015.


NOTARY PUBLIC
My Commission Expires: 3/24/16
Notary ID No.: _____

SKEES, WILSON & NIENABER, PLLC



THOMAS R. NIENABER - KBA #51820
7699 Ewing Boulevard, PO Box 756
Florence, KY 41022-0756
Phone: (859) 371-7407
Fax: (859) 371-9872
Email: tnienaber@fuse.net

INDEX OF EXHIBITS

EXHIBIT NO.	DESCRIPTION
1	BULLOCK PIN WATER DISTRICT 12/31/14 ANNUAL REPORT AND REAL AND PERSONAL PROPERTY LIST
2	PRELIMINARY ENGINEERING REPORT
3	FINAL PROJECT COST ESTIMATE
4	FINAL ENGINEERING REPORT
5	PERMIT APPROVALS
6	PROJECT MANUAL AND ENGINEERING PLAN AND SPECIFICATIONS
7	PHASE XIV ESTIMATED COST OF OPERATION
8	KIA LOAN COMMITMENT AND LOAN DETAILS

EXHIBIT 1

Bullock Pen Water District
12/31/2014 Annual Report

BULLOCK PEN WATER DISTRICT
FINANCIAL STATEMENTS

For the Years Ended December 31, 2014 and 2013

BULLOCK PEN WATER DISTRICT
FINANCIAL STATEMENTS
December 31, 2014 and 2013

Table of Contents

	<u>Page</u>
Board of Commissioners	1
Independent Auditor's Report	2-3
Management's Discussion and Analysis	4-8
Statements of Net Position	9-10
Statements of Revenues, Expenses, and Changes in Net Position	11
Statements of Cash Flows	12
Notes to the Financial Statements	13-27
Schedules of Operations, Maintenance and Administrative Expenses	28
Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i>	29-30

BULLOCK PEN WATER DISTRICT

BOARD OF COMMISSIONERS

December 31, 2014 and 2013

Bobby Burgess, Chairman

Andrea Walton, Vice-Chairman

Charles Givin, Treasurer

William Wethington, Secretary

Logan Murphy, Commissioner

Of Counsel

Thomas R. Nienaber, Esq.

Administration

William L. Catlett, General Manager



Van Gorder, Walker & Co., Inc.
Certified Public Accountants

Charles A. Van Gorder, CPA
John P. Walker, CPA, MBA
Lori A. Owen, CPA
John R. Chamberlin, CPA, MBA
Members of AICPA & KCPA
Licensed in Kentucky & Ohio

Independent Auditor's Report

To the Board of Commissioners
Bullock Pen Water District

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities of Bullock Pen Water District (District), as of and for the years ended December 31, 2014 and 2013, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

-Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

-Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

-Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities of Bullock Pen Water District as of December 31, 2014

and 2013 and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

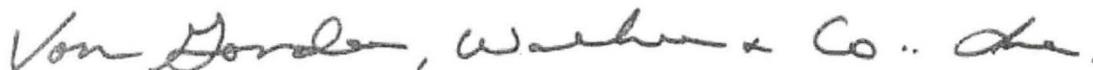
Accounting principles generally accepted in the United States of America require that the *Management's Discussion and Analysis* on pages 4-8 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Bullock Pen Water District's financial statements as a whole. The accompanying Schedules of Operations, Maintenance and Administrative Expenses are presented for purposes of additional analysis and are not a required part of the basic financial statements of Bullock Pen Water District. The Schedules of Operations, Maintenance and Administrative Expenses are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated March 11, 2015 on our consideration of Bullock Pen Water District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Bullock Pen Water District's internal control over financial reporting and compliance.



Van Gorder, Walker & Co., Inc.
Erlanger, Kentucky
March 11, 2015

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

Our discussion and analysis of the District's financial performance provides an overview of the District's financial activities for the year ended December 31, 2014. The information is presented in conjunction with the audited financial statements that follow this section.

FINANCIAL HIGHLIGHTS

- The assets of the District exceeded its liabilities at the close of the most recent year by \$16,154,625 (net position). This was an increase of \$451,326 in comparison to the prior year. During 2014 both water revenue and expenses increased so that the District's increase in net position was almost identical to the increase during 2013.
- At the end of the current year, unrestricted net assets were \$2,838,225.

USING THIS ANNUAL REPORT

The financial statements presented herein include all of the activities of the District as prescribed in GASB Statements No. 33 through 70. The financial statements include a statement of net position, statement of revenues, expenses and changes in net position and statement of cash flows, notes to the financial statements and a supplemental schedule. These statements show the condition of the District's finances and the sources of income and the funds expended

Basis of Accounting

The District's financial statements are prepared using the accrual basis of accounting.

Statements of Net Position and Revenues, Expenses and Changes in Net Position

In the Statements of Net Position and the Statements of Revenues, Expenses and Changes in Net Position, we report the District's activities.

- The District charges rates for water usage based on the water consumption of its customers to cover all or most of the cost of certain services the District provides.

SUMMARY OF NET POSITION

Table 1 provides a summary of the District's net assets at December 31, 2014 and 2013.

Table 1
Net Position

	<u>2014</u>	<u>2013</u>
Current Assets	\$ 2,679,520	\$ 2,295,117
Restricted Assets	1,433,777	1,355,536
Noncurrent Assets	<u>19,348,539</u>	<u>19,776,504</u>
 Total Assets	 <u>\$23,461,836</u>	 <u>\$23,427,157</u>
Current Liabilities	\$ 297,797	\$ 272,331
Liabilities Payable from Restricted Assets	743,470	877,279
Long Term Liabilities	<u>6,265,944</u>	<u>6,574,248</u>
 Total Liabilities	 <u>\$ 7,307,211</u>	 <u>\$ 7,723,858</u>
Net Position:		
Invested in Capital Assets, Net of Related Debt	\$12,585,652	\$12,588,365
Restricted	730,748	722,056
Unrestricted	<u>2,838,225</u>	<u>2,392,878</u>
 Total Net Position	 <u>\$16,154,625</u>	 <u>\$15,703,299</u>

The District's net position for 2014 increased 2.9% or \$451,326 as compared to a 3% or \$451,826 increase in the previous year. During 2014 water sales, customer contributions and expenses increased resulting in a change in net position that was almost identical to that of the previous year.

The largest portion of the District's net assets (77.9%) reflects its investment in capital assets (e.g. land, buildings, infrastructure, machinery and equipment), less any related debt used to acquire those assets still outstanding. The District uses these capital assets to provide services to its customers; consequently, these assets are not available for future spending. Although the District's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate the debt.

An additional portion of the District's net assets (4.5%) is considered to be restricted. This amount represents resources that are subject to external restrictions on how they may be used.

The unrestricted net assets may be used to meet the District's ongoing obligations to customers and creditors.

SUMMARY OF CHANGES IN NET POSITION

Operating Revenues

The District's operating revenues increased by \$134,856 or 3.4%. This increase in operating revenues is primarily the result of increased water sales due to a dryer year with less rainfall during the summer months.

Operating Expenses

The District's operating expenses increased \$146,256. Water costs accounted for \$114,807 of this increase due to increased water sales and rate increases from 3 of the 4 entities that supply water to the District. Operation, maintenance and administrative expenses actually decreased slightly. Depreciation expense increased \$36,415 due to the addition of a new 500,000 gallon water storage tank to the system in January of 2014.

SUMMARY OF CHANGES IN NET POSITION (continued)

Interest on Long-Term Debt and Customer Deposits

Interest expense decreased \$1,491 during 2014. This is due to the fact that the District refinanced two bond issues bearing interest at 5% to 5.45% with a capital lease bearing interest at 2.8% during 2013 which reduced interest costs. However, the District borrowed additional funds to build a 500,000 gallon storage tank during 2013 and early 2014 so that the increased interest expense from this note offset the interest reduction from the refinancing.

Capital Contributions

Capital contributions increased \$4,717. This was primarily due to a small increase in tap on fees paid by new customers coupled with a small increase in the amount of surcharges billed during 2014.

The following schedule compares the revenues and expenses for the current year and the previous year.

Table 2
Changes in Net Position

	<u>2014</u>	(Restated) <u>2013</u>
Operating Revenues:		
Water Sales	\$ 3,842,534	\$ 3,717,061
Forfeited Discounts	102,893	100,990
Miscellaneous Services Revenues	36,057	28,357
Management Fee	<u>124,070</u>	<u>124,290</u>
Total Operating Revenues	<u>4,105,554</u>	<u>3,970,698</u>
Operating Expenses:		
Water Purchased	1,128,644	1,013,837
Operations and Maintenance Expense	1,842,635	1,847,601
Depreciation & Amortization	<u>608,112</u>	<u>571,697</u>
Total Operating Expenses	<u>3,579,391</u>	<u>3,433,135</u>
Net Operating Income	<u>526,163</u>	<u>537,563</u>
Non-Operating Income(Expenses)		
Investment Income	3,110	4,139
Gain/(Loss) on Disposition of Assets	(2,832)	545
Interest on Long-Term Debt and Customer Deposits	(206,286)	(207,777)
Amortization of Debt Discount and Expenses	(2,711)	(2,309)
Debt Issue Costs	<u>-0-</u>	<u>(9,500)</u>
Net Non-Operating Expenses	<u>(208,719)</u>	<u>(214,902)</u>
Income Before Capital Contributions	317,444	322,661
Capital Contributions	<u>133,882</u>	<u>129,165</u>
Change in Net Position	451,326	451,826
Net Position – January 1	<u>15,703,299</u>	<u>15,251,473</u>
Net Position – December 31	<u>\$16,154,625</u>	<u>\$15,703,299</u>

CAPITAL ASSETS AND DEBT ADMINISTRATION

Capital Assets

At December 31, 2014, the District had \$19,287,107 invested in capital assets including land, buildings, water treatment, transmission and distribution system, equipment, and vehicles, as reflected in the following schedule. This represents a net decrease (additions less retirements and depreciation) of \$422,321. This decrease is mainly due to the fact that depreciation expense of \$598,452 exceeded the cost of new assets purchased during 2014.

Table 3 Summarizes the District's capital assets at the end of 2014 as compared to 2013.

**Table 3
Capital Assets at Year End**

	<u>2014</u>	<u>2013</u>
Land	\$ 200,283	\$ 195,257
Buildings and Improvements	1,577,352	1,550,924
Construction in Progress	34,843	1,860,004
Other Plant & Miscellaneous Equipment	651,390	540,771
Transportation Equipment	282,381	278,281
Transmission and Distribution System	25,047,864	23,202,838
Furniture and Fixtures	<u>81,346</u>	<u>76,771</u>
Subtotal	27,875,459	27,704,846
Accumulated Depreciation	<u>(8,588,352)</u>	<u>(7,995,418)</u>
Total Capital Assets	<u>\$19,287,107</u>	<u>\$19,709,428</u>

Debt Outstanding

Table 4 illustrates the District's outstanding debt at the end of 2014 compared to 2013.

**Table 4
Outstanding Debt at Year End**

	<u>2014</u>	<u>2013</u>
Bond Payable Obligations	\$ 1,123,000	\$ 1,226,000
Notes Payable	4,449,930	4,456,490
Capitalized Leases	<u>1,235,494</u>	<u>1,428,375</u>
Total	<u>\$ 6,808,424</u>	<u>\$ 7,110,865</u>

At year-end, the District had \$6,808,424 in outstanding long-term debt compared to \$7,110,865 last year. This is a decrease of \$302,441.

During 2013 the District drew \$1,599,207 on a \$1,796,300 loan. During 2014 they drew the remaining \$197,093 on this loan. The funds were borrowed to finance the construction of a new water tower. The loan will be repaid over 20 years at 2% interest.

During 2013 the District also refunded and refinanced \$851,000 of long term debt from two bond issues bearing interest at 5% to 5.45% with a \$769,465 capital lease bearing interest at 2.8%. The interest savings from this refinancing offset the interest costs of the new loan to build the water tower so that interest expense actually decreased slightly from the 2013 amount..

All of the required payments were made on the District's outstanding debt during 2014. The total payments on long-term debt amounted to \$499,534.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGET

The District's budget for 2015 projects a year very similar to 2014. Water revenues are expected to increase slightly due to a small rate increase approved by the Public Service Commission to pass the increased water purchase costs of 2014 on to the District's customers. The rate increase will take effect on the April 2015 billing. This small increase in water revenues is expected to be offset by further increases in the cost of water purchased and other operation expenses. The 2015 change in net position is expected to be approximately \$446,346 which is very similar to the increase in both 2013 and 2014.

FINANCIAL CONTACT

This financial report is designed to provide our customers and creditors with a general overview of the District's finances and to show the District's accountability for the money it receives. If you have questions about this report or need additional financial information, contact the District Administrative Office at Farrell Drive, Crittenden, Kentucky 41030.

William Catlett, General Manager
Bullock Pen Water District

BULLOCK PEN WATER DISTRICT STATEMENTS OF NET POSITION December 31, 2014 and 2013

	<u>2014</u>	<u>2013</u>
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 1,875,881	\$ 1,482,541
Accounts receivable		
Customers, net of allowance	562,933	537,652
Other	20,134	17,778
Restitution receivable - Thurman	1,200	1,200
Inventories	164,755	223,299
Prepays	50,273	20,276
Unamortized expenses	4,344	12,371
Total Current Assets	<u>2,679,520</u>	<u>2,295,117</u>
Restricted Assets		
Current reserve fund - USDA Rural Development	149,703	149,256
Debt payment account	395,687	371,858
Water tower construction fund	18,169	33,935
Accounts receivable - surcharges	12,686	12,775
FSA/HRA account	1,639	-
Customer deposits	225,915	220,727
Maintenance and replacement reserve	629,978	566,985
Total Restricted Assets	<u>1,433,777</u>	<u>1,355,536</u>
Noncurrent Assets		
Restitution receivable - Thurman	4,616	5,916
Miscellaneous deferred charges		
Unamortized debt discounts	14,769	17,480
Unamortized tap-in expense	42,047	43,680
Total Noncurrent Assets	<u>61,432</u>	<u>67,076</u>
Capital Assets		
Land, building, transmission system, equipment, and vehicles	27,840,616	25,844,842
Construction in progress	34,843	1,860,004
Total utility plant in service	<u>27,875,459</u>	<u>27,704,846</u>
Less: accumulated depreciation	<u>(8,588,352)</u>	<u>(7,995,418)</u>
Total Capital Assets, net of depreciation	<u>19,287,107</u>	<u>19,709,428</u>
TOTAL ASSETS	<u>\$ 23,461,836</u>	<u>\$ 23,427,157</u>

(Continued)

The accompanying notes are an integral part of these financial statements.

BULLOCK PEN WATER DISTRICT STATEMENTS OF NET POSITION (Continued) December 31, 2014 and 2013

	<u>2014</u>	<u>2013</u>
LIABILITIES		
Current Liabilities		
Accounts payable	\$ 159,272	\$ 149,259
Accrued and withheld liabilities	138,525	123,072
Total Current Liabilities	<u>297,797</u>	<u>272,331</u>
Current Liabilities Payable From Restricted Assets		
Revenue bonds - current portion	106,000	103,000
Notes payable - current portion	246,696	240,765
Lease obligations - current portion	189,784	192,852
Customer deposits	163,131	155,323
Accrued interest payable	37,859	40,739
Accounts payable - construction	-	144,600
Total Current Liabilities Payable From Restricted Assets	<u>743,470</u>	<u>877,279</u>
Long-Term Obligations		
Bonds	1,017,000	1,123,000
Notes payable	4,203,234	4,215,725
Capital lease obligations	1,045,710	1,235,523
Total Long-Term Obligations	<u>6,265,944</u>	<u>6,574,248</u>
TOTAL LIABILITIES	<u>7,307,211</u>	<u>7,723,858</u>
NET POSITION		
Invested in capital assets, net of related debt	12,585,652	12,588,365
Restricted	730,748	722,056
Unrestricted	<u>2,838,225</u>	<u>2,392,878</u>
TOTAL NET POSITION	<u>\$ 16,154,625</u>	<u>\$ 15,703,299</u>

The accompanying notes are an integral part of these financial statements.

BULLOCK PEN WATER DISTRICT STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION For the Years Ended December 31, 2014 and 2013
--

	<u>2014</u>	<u>2013</u>
OPERATING REVENUES		
Water revenue	\$ 3,981,484	\$ 3,846,408
Management fees	124,070	124,290
TOTAL OPERATING REVENUES	<u>4,105,554</u>	<u>3,970,698</u>
OPERATING EXPENSES		
Water purchased	1,128,644	1,013,837
Operations, maintenance, and administrative expenses	1,842,635	1,847,601
Depreciation and amortization	608,112	571,697
TOTAL OPERATING EXPENSES	<u>3,579,391</u>	<u>3,433,135</u>
OPERATING INCOME	<u>526,163</u>	<u>537,563</u>
NON-OPERATING INCOME (EXPENSE)		
Investment income	3,110	4,139
Gain (loss) on sale of assets	(2,832)	545
Interest on long-term obligations	(206,286)	(207,777)
Amortization of bond discounts	(2,711)	(2,309)
Debt issuance costs	-	(9,500)
NET NON-OPERATING INCOME (EXPENSE)	<u>(208,719)</u>	<u>(214,902)</u>
NET INCOME	317,444	322,661
CAPITAL CONTRIBUTIONS	<u>133,882</u>	<u>129,165</u>
CHANGE IN NET POSITION	451,326	451,826
NET POSITION, JANUARY 1	<u>15,703,299</u>	<u>15,251,473</u>
NET POSITION, DECEMBER 31	<u>\$ 16,154,625</u>	<u>\$ 15,703,299</u>

The accompanying notes are an integral part of these financial statements.

BULLOCK PEN WATER DISTRICT STATEMENTS OF CASH FLOWS For the Years Ended December 31, 2014 and 2013
--

	<u>2014</u>	<u>2013</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Received from customers	\$ 4,079,217	\$ 4,008,849
Paid to suppliers for goods and services	(1,852,030)	(1,701,493)
Paid to or on behalf of employees for services	(1,065,236)	(1,136,747)
NET CASH PROVIDED BY OPERATING ACTIVITIES	<u>1,161,951</u>	<u>1,170,609</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Acquisition and construction of fixed assets	(323,563)	(1,586,550)
Interest on investments	3,110	4,139
Proceeds from sale of fixed assets	-	1,650
NET CASH USED FOR INVESTING ACTIVITIES	<u>(320,453)</u>	<u>(1,580,761)</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Contributed capital received	133,882	129,165
Increase (decrease) in customer deposits	7,808	(5,119)
Interest paid on long term debt	(209,166)	(219,109)
Loan proceeds	197,093	2,197,234
Debt issuance costs	-	(9,500)
Premium paid to refund bonds	-	(5,100)
Principal paid on long term debt	(499,534)	(1,347,156)
(Increase) decrease in restricted assets	(78,241)	60,124
NET CASH PROVIDED BY (USED FOR) CAPITAL AND RELATED FINANCING ACTIVITIES	<u>(448,158)</u>	<u>800,539</u>
INCREASE IN CASH AND CASH EQUIVALENTS	393,340	390,387
CASH AND CASH EQUIVALENTS-BEGINNING OF YEAR	<u>1,482,541</u>	<u>1,092,154</u>
CASH AND CASH EQUIVALENTS-END OF YEAR	<u>\$ 1,875,881</u>	<u>\$ 1,482,541</u>
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES		
Operating income	\$ 526,163	\$ 537,563
Adjustments to reconcile net income to net cash provided by operating activities		
Depreciation and amortization	608,112	571,697
Change in operating assets and liabilities		
Decrease (increase) in receivables	(26,337)	38,151
Decrease (increase) in inventories	58,544	(54,016)
Decrease (increase) in prepaid assets	(29,997)	3,370
Increase (decrease) in accounts payable	10,013	24,032
Increase (decrease) in other accrued liabilities	15,453	49,812
NET CASH PROVIDED BY OPERATING ACTIVITIES	<u>\$ 1,161,951</u>	<u>\$ 1,170,609</u>
SUPPLEMENTAL INFORMATION		
Interest paid	<u>\$ 209,166</u>	<u>\$ 219,109</u>
Non-cash contribution to fixed assets	<u>\$ -</u>	<u>\$ -</u>

The accompanying notes are an integral part of these financial statements.

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

NOTE 1 – GENERAL INFORMATION AND SIGNIFICANT ACCOUNTING POLICIES

The Bullock Pen Water District (District) is a water utility, which provides service to residential and commercial customers in Grant, Boone, Kenton, Pendleton and Gallatin Counties in Kentucky. The District was created by the Grant County Fiscal Court under the provisions of chapter 74 of the Kentucky Revised Statutes (KRS) in 1957.

Regulatory Requirements

The District is subject to the regulatory authority of the Kentucky Public Service Commission (PSC) pursuant to KRS 278.040.

Basis of Accounting

The District's financial statements are presented on the full accrual basis in accordance with accounting principles generally accepted in the United States of America. The District applies all Governmental Accounting Standards Board (GASB) pronouncements as well as Financial Accounting Standards Board (FASB) statements and interpretations, and the Accounting Principles Board (APB) Opinions of the Committee on Accounting Procedure issued on or before November 30, 1989, unless those pronouncements conflict with or contradict GASB pronouncements. Bullock Pen Water District has adopted GASB Statements 66 through 70, and related interpretations issued through December 31, 2014.

Statement No. 70 – Accounting and Financial Reporting for Nonexchange Financial Guarantees – This statement is not currently applicable to Bullock Pen Water District.

Statement No. 69 – Government Combinations and Disposals of Government Operations – This statement is not currently applicable to Bullock Pen Water District.

Statement No. 68 – Accounting and Financial Reporting for Pensions; an amendment of GASB Statement No. 27 – Requires Bullock Pen Water District to report their representative share of the unfunded pension liability of the Kentucky County Employee Retirement System (CERS) on Bullock Pen Water District's Balance Sheet. This statement will be in effect for fiscal periods beginning after June 15, 2014.

Statement No. 67 – Financial Reporting for Pension Plans; an amendment of GASB Statement No. 25 – This statement is not currently applicable to Bullock Pen Water District.

Statement No. 66 – Technical Corrections – 2012; an amendment of GASB Statements no. 10 and 62 – This statement improves accounting and financial reporting for a governmental financial reporting entity by resolving conflicting guidance that resulted from the issuance of two pronouncements, Statements No. 54 and No. 62.

All activities of the District are accounted for within a single proprietary (enterprise) reporting entity. Proprietary entities are used to account for operations that are (a) financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the cost (expense, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred,

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

The accounting and financial reporting treatment applied to the District is determined by its measurement focus. The transactions of the District are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operations are included on the statement of net position. Net position (i.e., total assets net of total liabilities) are segregated into "invested in capital assets, net of related liabilities"; "restricted"; and "unrestricted" components.

Cash Equivalents

For purposes of the balance sheets and the statements of cash flows, the District considers all unrestricted highly liquid debt instruments purchased with a maturity of three months or less to be cash equivalents.

Inventories

Inventories are stated at the lower of cost or market. Cost is determined under the First-In, First-Out (FIFO) method. Market is determined on the basis of estimated realizable market values.

Distribution System, Building, and Equipment

Property, plant, transmission lines, and equipment are recorded at cost and depreciated over their estimated useful lives using the straight line method. Upon sale or retirement, the cost and related accumulated depreciation are removed from the respective accounts and the resulting gain or loss is included in the "Non-Operating Income (Expense)" portion of results of operations.

Construction in Progress

Capitalizable costs incurred on projects which are not in use or ready for use at year end are held as "Construction in Progress". When the asset under construction is ready for use, related costs are transferred to the asset account. The Construction in Progress account was \$34,843 and \$1,860,004 at December 31, 2014 and 2013, respectively.

Miscellaneous Deferred Charges

Bond premiums and discounts are deferred and amortized over the life of the bond. The District amortizes expenses related to tapping into the Northern Kentucky Water District. The District also amortizes costs associated with the preparation, filing, and completion of its rate case proceedings.

Capital Contributions

In conformity with the provisions of Governmental Accounting Standards Board Statement No. 33 – *Accounting and Financial Reporting for Non-Exchange Transactions*, amounts related to customer contributions in aid of construction have been reported as other income in the District's income statement. These contributions represent customer tap-in fees and other contributions to recover the costs of extensions of the distribution system. The District also includes estimated cost figures for those lines contributed by outside contractors. During 2014 and 2013 these contributions consisted of the following:

<p>BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013</p>

Source	2014	2013
Tap in fees and construction costs paid by new customers	\$ 39,800	\$ 38,000
Surcharges - Phases 5, 6, 7, 8, and 10	94,082	91,165
Total income received in aid of construction	133,882	129,165
Waterlines and related infrastructure received without cost	-	-
Total capital contributions	<u>\$ 133,882</u>	<u>\$ 129,165</u>

Income Tax Status

The District is exempt from federal and state income taxes since it is a governmental entity. Accordingly, the financial statements include no provision for income taxes.

Use of Estimates

The process of preparing financial statements in conformity with generally accepted accounting principles requires the use of estimates and assumptions regarding certain types of assets, liabilities, revenues and expenses. Such estimates primarily relate to unsettled transactions and events as of the date of the financial statements. Accordingly, upon settlement, actual results may differ from estimated amounts.

Operating Revenues and Non-operating Revenues

Revenues have been classified as operating and non-operating. Operating revenues are those revenues that are directly generated from the sale of water to customers. Non-operating revenues are those revenues that arise from the overall function of the entity. Examples of non-operating revenues are grant revenues, sales of fixed assets and interest income.

NOTE 2 – DEPOSITS AND INVESTMENTS

Deposits consist of only cash checking accounts. They are carried at cost, which equals market value. The carrying amount of deposits is separately displayed on the balance sheets as "Cash and Cash Equivalents" and "Restricted Assets". At December 31, 2014 and 2013, the bank balances were \$3,296,972 and \$2,825,302, respectively, which were the same as the carrying amount.

The District has amounts on deposit with two banks in excess of FDIC insured amounts. The banks have pledged collateral agreements to cover such excess amounts. At December 31, 2014, all amounts held on deposit by the District were sufficiently collateralized.

Effective January 1, 1998, investments are reported at fair value which is determined using the selected basis. Short term investments are reported at cost, which approximates fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Investments that do not have an established market are reported at estimated fair market value. The District's investments are categorized to give an indication of the level of risk assumed by the District at December 31, 2014. The categories are described as follows:

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

Category 1 – Insured and registered, with securities held by the entity or its agent in the entity's name;

Category 2 – Uninsured and unregistered, with securities held by the counterparty's trust department or agent in the entity's name;

Category 3 – Uninsured and unregistered, with securities held by the counterparty, or its trust department or agent but not in the entity's name.

At December 31, 2014	Category 1	Category 2	Category 3	Fair Value/ Carrying Cost	Cost
Operation and maintenance	\$ 1,877,520	\$ -	\$ -	\$ 1,877,520	\$ 1,877,520
Customer deposits	225,915	-	-	225,915	225,915
Debt payment accounts	246,624	-	149,063	395,687	395,687
Current and replacement reserve	779,681	-	-	779,681	779,681
Construction funds	18,169	-	-	18,169	18,169
Total	<u>\$ 3,147,909</u>	<u>\$ -</u>	<u>\$ 149,063</u>	<u>\$ 3,296,972</u>	<u>\$ 3,296,972</u>

NOTE 3 – RESTRICTED NET POSITION

Net position is comprised of the various net earnings from operating and non-operating revenues, expenses and contributions of capital. Net position is classified in the following three components: invested in capital assets, net of related debt; restricted; and unrestricted net position. Invested in capital assets, net of related debt, consists of all capital assets net of accumulated depreciation and reduced by outstanding debts that are attributable to the acquisition, construction and improvement of those assets. The restricted portion of net position consists of assets, net of related liabilities, for which constraints are placed thereon by external parties, such as lenders, grantors, contributors, laws, regulations and enabling legislation, including self-imposed legal mandates. The unrestricted portion of net position consists of all other assets, net of related liabilities, not included in the above categories. The following amounts are included in restricted net position at December 31, 2014 and 2013:

	2014	2013
Current reserve fund - USRDA	\$ 143,400	\$ 143,400
Debt payment account	170,842	200,715
Accounts payable - construction	-	(33,935)
Accrued interest payable	(21,350)	(23,016)
Portion of bonds payable	(106,000)	(98,000)
Maintenance and replacement	543,856	532,892
Total Restricted Net Position	<u>\$ 730,748</u>	<u>\$ 722,056</u>

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

NOTE 4 – UTILITY PLANT IN SERVICE

All property, plant and equipment including infrastructure assets are recorded at cost and depreciated over their estimated useful lives, using the straight-line method. Upon sale or retirement, the cost and related accumulated depreciation are eliminated from the respective accounts and the resulting gain or loss included in the results of operations. Repair and maintenance charges, which do not increase the useful lives of the assets, are charged to income as incurred. Interest incurred on construction funding during the period of construction is capitalized and is added to the item under construction rather than charged to expense as incurred.

Asset Type	Balance at December 31, 2013	Additions	Retirements	Balance at December 31, 2014
Land	\$ 195,257	\$ 5,026	\$ -	\$ 200,283
Buildings and improvements	1,550,924	26,428	-	1,577,352
Construction in progress	1,860,004	106,093	(1,931,254)	34,843
Distribution reservoirs and standpipes	2,127,209	1,595,753	-	3,722,962
Furniture and fixtures	76,771	4,575	-	81,346
Hydrants	1,273,131	15,885	-	1,289,016
Meter system and installation	4,034,799	29,304	-	4,064,103
Other plant and misc. equipment	349,322	99,542	(8,350)	440,514
Pumping equipment	50,116	3,875	-	53,991
Tools and lab equipment	79,378	6,927	-	86,305
Transmission mains	15,717,583	200,209	-	15,917,792
Transportation equipment	278,281	4,100	-	282,381
Water treatment equipment	112,071	12,500	-	124,571
Subtotal	27,704,846	2,110,217	(1,939,604)	27,875,459
Accumulated depreciation	(7,995,418)	(598,452)	5,518	(8,588,352)
Fixed Assets, net	\$ 19,709,428	\$ 1,511,765	\$(1,934,086)	\$ 19,287,107

NOTE 5 – BONDED INDEBTEDNESS

Water Works System Revenue Bonds, U.S. Department of Agriculture 1978

On December 21, 1978, the District sold \$1,330,000 of revenue bonds for the purpose of financing the costs of major water system facilities. All bonds mature on January 1st of each year beginning in 1981 and ending in 2017. Interest is payable on January 1st and July 1st of each year and principal is due in annual installments on January 1st through 2017. On October 29, 2013, these bonds were refinanced through The Bank of Kentucky (see Note 7 – Capital Leases), and therefore had a balance of \$0 at December 31, 2013.

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

Water Works System Revenue Bonds, U.S. Department of Agriculture 1982

On August 6, 1982, the District sold \$125,000 of revenue bonds for the purpose of financing the costs of major water system facilities. All bonds mature on January 1st of each year beginning in 1984 and ending in 2023. Interest is payable on January 1st and July 1st of each year and principal is due in annual installments on January 1st through 2023. The remaining debt service is as follows:

<u>Year</u>	<u>Interest Rates</u>	<u>Principal Amount</u>	<u>Interest Amount</u>	<u>Total Debt Service</u>
2015	5.00%	\$ 5,000	\$ 2,325	\$ 7,325
2016	5.00%	5,000	2,075	7,075
2017	5.00%	6,000	1,800	7,800
2018	5.00%	6,000	1,500	7,500
2019	5.00%	6,000	1,200	7,200
2020-2023	5.00%	21,000	1,575	22,575
Totals		<u>\$ 49,000</u>	<u>\$ 10,475</u>	<u>\$ 59,475</u>

Kentucky Rural Water Finance Corporation Bonds, Series 2001C - Surcharge

On May 15, 2002, the District participated in the Kentucky Rural Water Finance Corporation's first Flexible Term Finance Program Remarketing. The District's total share of the bond proceeds was \$715,000 for Phase V of the District's waterline extension; \$374,000 of that amount was funded by customer surcharges. These surcharges are paid by customers who benefited from the waterline extension and are used to provide refunding for the bonds. All surcharge bonds mature on February 1st of each year beginning in 2004 and ending in 2027. Interest is payable on February 1st and August 1st of each year and principal is due in annual installments on February 1st through 2027. On October 29, 2013, these bonds were refinanced through The Bank of Kentucky (see Note 7 – Capital Leases), and therefore had a balance of \$0 at December 31, 2013.

Kentucky Rural Water Finance Corporation Revenue Bonds, Series 2001C - Phase V

As mentioned above, on May 15, 2002, the District participated in the Kentucky Rural Water Finance Corporation's first Flexible Term Finance Program Remarketing. The District's total share of the bond proceeds was \$715,000 for Phase V of the District's waterline extension; \$341,000 of that amount was funded by District revenue. The Revenue Bonds are refunded by District water revenue. All bonds mature on February 1st of each year beginning in 2004 and ending in 2027. Interest is payable on February 1st and August 1st of each year and principal is due in annual installments on February 1st through 2027. On October 29, 2013, these bonds were refinanced through The Bank of Kentucky (see Note 7 – Capital Leases), and therefore had a balance of \$0 at December 31, 2013.

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

Kentucky Rural Water Finance Corporation Revenue Bonds, Series 2001C - Refinancing

On July 31, 2002, the District sold \$574,000 of revenue bonds for the purpose of refinancing existing obligations. All bonds mature on February 1st of each year beginning in 2003 and ending in 2021. Interest is payable on February 1st and August 1st of each year and principal is due in annual installments on February 1st through 2021. The remaining debt service is as follows:

<u>Year</u>	<u>Interest Rates</u>	<u>Principal Amount</u>	<u>Interest Amount</u>	<u>Total Debt Service</u>
2015	4.40-5.00%	\$ 33,000	\$ 11,591	\$ 44,591
2016	4.50-5.00%	33,000	10,123	43,123
2017	4.60-5.00%	35,000	8,575	43,575
2018	4.70-5.00%	37,000	6,900	43,900
2019	4.80-5.00%	39,000	5,094	44,094
2020-2021	4.90-5.00%	84,000	4,230	88,230
Totals		<u>\$ 261,000</u>	<u>\$ 46,513</u>	<u>\$ 307,513</u>

Kentucky Rural Water Finance Corporation Revenue Bonds, Series 2001G - Dry Ridge Tank

On July 29, 2003, the District sold \$460,000 of revenue bonds for the purpose of installing a water tower in Dry Ridge, Kentucky. All bonds mature on February 1st of each year beginning in 2004 and ending in 2018. Interest is payable on February 1st and August 1st of each year and principal is due in annual installments on February 1st. The remaining debt service is as follows:

<u>Year</u>	<u>Interest Rates</u>	<u>Principal Amount</u>	<u>Interest Amount</u>	<u>Total Debt Service</u>
2015	4.52%	\$ 35,000	\$ 5,989	\$ 40,989
2016	4.52%	40,000	4,294	44,294
2017	4.52%	35,000	2,599	37,599
2018	4.52%	40,000	904	40,904
Totals		<u>\$ 150,000</u>	<u>\$ 13,786</u>	<u>\$ 163,786</u>

Kentucky Rural Water Finance Corporation Revenue Bonds, Series 2004D - Phase 7

On October 19, 2004, the District sold \$98,000 of revenue bonds for the purpose of funding its Phase 7 waterline extension project. All bonds mature on February 1st of each year beginning in 2005 and ending in 2019. Interest is payable on February 1st and August 1st of each year and principal is due in annual installments on February 1st through 2019.

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

The remaining debt service is as follows:

Year	Interest Rates	Principal Amount	Interest Amount	Total Debt Service
2015	4.12%	\$ 7,000	\$ 1,339	\$ 8,339
2016	4.12%	7,000	1,050	8,050
2017	4.12%	7,000	762	7,762
2018	4.12%	7,000	474	7,474
2019	4.12%	8,000	165	8,165
Totals		<u>\$ 36,000</u>	<u>\$ 3,790</u>	<u>\$ 39,790</u>

Kentucky Rural Water Finance Corporation Revenue Bonds, Series 2005B - Phase 8

On October 19, 2005, the District sold \$514,000 of revenue bonds for the purpose of funding its Phase 8 waterline extension project. All bonds mature on February 1st of each year beginning in 2007 and ending in 2031. Interest is payable on February 1st and August 1st of each year and principal is due in annual installments on February 1st through 2031. The remaining debt service is as follows:

Year	Interest Rates	Principal Amount	Interest Amount	Total Debt Service
2015	4.090-4.590%	\$ 17,000	\$ 17,074	\$ 34,074
2016	4.090-4.590%	17,000	16,379	33,379
2017	4.090-4.590%	19,000	15,643	34,643
2018	4.090-4.590%	19,000	14,865	33,865
2019	4.090-4.590%	20,000	14,068	34,068
2020-2024	4.190-4.590%	107,000	57,241	164,241
2025-2029	4.390-4.590%	138,000	30,734	168,734
2030-2031	4.59%	64,000	2,983	66,983
Totals		<u>\$ 401,000</u>	<u>\$ 168,987</u>	<u>\$ 569,987</u>

Kentucky Rural Water Finance Corporation Revenue Bonds, Series 2005B - Phase 10

On October 19, 2005, the District sold \$290,000 of revenue bonds for the purpose of funding its Phase 10 waterline extension project. All bonds mature on February 1st of each year beginning in 2007 and ending in 2031. Interest is payable on February 1st and August 1st of each year and principal is due in annual installments on February 1st through 2031.

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

The remaining debt service is as follows:

Year	Interest Rates	Principal Amount	Interest Amount	Total Debt Service
2015	4.090-4.590%	\$ 9,000	\$ 9,633	\$ 18,633
2016	4.090-4.590%	10,000	9,245	19,245
2017	4.090-4.590%	11,000	8,815	19,815
2018	4.090-4.590%	11,000	8,365	19,365
2019	4.090-4.590%	11,000	7,915	18,915
2020-2024	4.190-4.590%	61,000	32,236	93,236
2025-2029	4.390-4.590%	77,000	17,178	94,178
2030-2031	4.59%	36,000	1,652	37,652
Totals		\$ 226,000	\$ 95,039	\$ 321,039

NOTE 6 – NOTES PAYABLE

Kentucky Infrastructure Authority - 1993

On April 7, 1993, the District signed a note from the Kentucky Infrastructure Authority for \$582,599. Water system revenues serve as collateral for this loan. This note was refunded and refinanced on December 19, 2002 and again on August 1, 2004. The most recent note carries a variable interest rate between 2.25-5.19% and matures on June 1, 2013. This note has been paid in full, and therefore had a balance of \$0 at December 31, 2013.

Kentucky Infrastructure Authority - Drinking Water Supply Project 2002

On February 1, 2002, the District signed a note from the Kentucky Infrastructure Authority for \$350,367 to fund waterline replacement and extension projects. Water system revenues serve as collateral for this loan. The note carries an interest rate of 3.80% and matures on December 1, 2022. The remaining debt service is as follows:

Year	Interest Rates	Principal Amount	Interest Amount	Total Debt Service
2015	3.80%	\$ 18,801	\$ 6,368	\$ 25,169
2016	3.80%	19,522	5,647	25,169
2017	3.80%	20,271	4,898	25,169
2018	3.80%	21,049	4,120	25,169
2019	3.80%	21,856	3,313	25,169
2020-2022	3.80%	70,729	4,776	75,505
Totals		\$ 172,228	\$ 29,122	\$ 201,350

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

Kentucky Infrastructure Authority - Drinking Water Supply Project 2003

On November 1, 2003, the District signed a note from the Kentucky Infrastructure Authority for \$1,210,604 to fund waterline extension projects and the Mt. Zion water tank installation. Water system revenues serve as collateral for this loan. The note carries an interest rate of 3.0% and matures on June 1, 2024. The remaining debt service is as follows:

<u>Year</u>	<u>Interest Rates</u>	<u>Principal Amount</u>	<u>Interest Amount</u>	<u>Total Debt Service</u>
2015	3.00%	\$ 61,585	\$ 19,527	\$ 81,112
2016	3.00%	63,446	17,665	81,111
2017	3.00%	65,364	15,748	81,112
2018	3.00%	67,339	13,772	81,111
2019	3.00%	69,375	11,737	81,112
2020-2024	3.00%	339,067	25,935	365,002
Totals		<u>\$ 666,176</u>	<u>\$ 104,384</u>	<u>\$ 770,560</u>

Kentucky Infrastructure Authority – Drinking Water Supply Project 2010

During 2009, the District executed a drawdown loan with the Kentucky Infrastructure Authority in order to finance its Phase 6 waterline extension project. Water system revenues serve as collateral for this loan. The loan carries an interest rate of 3.0% and matures on December 1, 2030. The balance on this loan at December 31, 2014 is \$1,851,970. The remaining debt service is as follows:

<u>Year</u>	<u>Interest Rates</u>	<u>Principal Amount</u>	<u>Interest Amount</u>	<u>Total Debt Service</u>
2015	3.00%	\$ 91,715	\$ 54,876	\$ 146,591
2016	3.00%	94,487	52,104	146,591
2017	3.00%	97,343	49,248	146,591
2018	3.00%	100,285	46,306	146,591
2019	3.00%	103,316	43,275	146,591
2020-2024	3.00%	565,353	167,602	732,955
2025-2029	3.00%	656,115	76,843	732,958
2030	3.00%	143,356	3,235	146,591
Totals		<u>\$ 1,851,970</u>	<u>\$ 493,489</u>	<u>\$ 2,345,459</u>

Kentucky Infrastructure Authority – Drinking Water State Revolving Loan Fund 2012

During 2012, the District executed a drawdown loan with the Kentucky Infrastructure Authority in order to finance its Phase 12 500,000 gallon water tower storage tank. The water tower will serve as collateral for this loan. The loan carries an interest rate of 2.0% and matures on December 1, 2033. As of December 31, 2014 the District has drawn \$1,796,300 on this loan.

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

Once the loan is fully drawn, the total future remaining debt service will be as follows:

Year	Interest Rates	Principal Amount	Interest Amount	Total Debt Service
2015	3.00%	\$ 74,595	\$ 34,820	\$ 109,415
2016	3.00%	76,094	33,321	109,415
2017	3.00%	77,624	31,791	109,415
2018	3.00%	79,184	30,231	109,415
2019	3.00%	80,776	28,639	109,415
2020-2024	3.00%	428,893	118,182	547,075
2025-2029	3.00%	473,765	73,310	547,075
2030-2034	3.00%	468,625	23,738	492,363
Totals		<u>\$ 1,759,556</u>	<u>\$ 374,032</u>	<u>\$ 2,133,588</u>

Software Solutions – Note Payable

On May 29, 2010, the District executed a loan payable for the purchase and integration of new software, through Software Solutions Incorporated, in the amount of \$21,105. This loan carried no interest, and matured on May 29, 2013. This loan has been paid in full, and therefore had a balance of \$0 at December 31, 2013.

NOTE 7 – CAPITAL LEASES

Bank of Kentucky - 2013

On October 29, 2013, the District signed a capital lease agreement with the Bank of Kentucky for \$769,465, which served to relinquish the District's obligations on its December 28, 1978 bond debt through the U.S. Department of Agriculture and its May 15, 2002 Series 2001C – Surcharge and Series 2001C – Phase V bond debt through the Kentucky Rural Water Finance Corporation. The interest rate is fixed at 2.80%. Principal and interest payments are due on the twenty-ninth day of each month beginning November 29, 2013 and ending October 29, 2023. Future minimum lease payments are as follows:

Year	Rate	Amount	Amount	Lease Payment
2015	2.80%	\$ 69,784	\$ 18,698	\$ 88,482
2016	2.80%	71,742	16,740	88,482
2017	2.80%	73,854	14,628	88,482
2018	2.80%	75,979	12,503	88,482
2019	2.80%	78,164	10,318	88,482
2020 -2023	2.80%	320,971	18,208	339,179
Totals		<u>\$ 690,494</u>	<u>\$ 91,095</u>	<u>\$ 781,589</u>

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

Grant County Fiscal Court – 2010

On May 4, 2010, the District signed a capital lease agreement with the Grant County Fiscal Court for \$1,020,000, which served to relinquish the District's obligations on its capital lease agreements through the Kentucky Association of Counties Leasing Trust. This lease agreement therefore covers water lines, meters, hydrants, and other infrastructure associated with those leases. The fixed assets are included on the fixed asset summary in Note 4, and also serve as collateral for this debt. The lease matures on February 1, 2019. Amortization of the lease is included in the depreciation expense. Future minimum lease payments are as follows:

<u>Year</u>	<u>Interest Rates</u>	<u>Principal Amount</u>	<u>Interest Amount</u>	<u>Total Lease Payment</u>
2015	2.40-3.30%	\$ 120,000	\$ 14,728	\$ 134,728
2016	3.00-3.30%	135,000	11,263	146,263
2017	3.00-3.30%	95,000	7,813	102,813
2018	3.00-3.30%	95,000	4,844	99,844
2019	3.00-3.30%	100,000	1,648	101,648
Totals		<u>\$ 545,000</u>	<u>\$ 40,296</u>	<u>\$ 585,296</u>

Old National Bank - 2003

On September 1, 2003 the District signed a capital lease agreement for \$477,050 for water meter automated read heads. The interest rate is 4.5%. These read heads are included in meters on the fixed asset summary in Note 4, and also serve as collateral on this debt. The lease matured on February 5, 2014. This capital lease has been paid in full, and therefore had a balance of \$0 at December 31, 2014.

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

NOTE 8 – INDEBTEDNESS SUMMARY

The changes in long-term indebtedness for 2014 are as follows:

Debt Instrument	Balance at December 31, 2013	Additions	Retirements	Balance at December 31, 2014
USDA revenue bonds of 1982	\$ 54,000	\$ -	\$ (5,000)	\$ 49,000
KRW series 2001C bonds - Refinancing	292,000	-	(31,000)	261,000
KRW series 2004D bonds - Phase 7	43,000	-	(7,000)	36,000
KRW series 2001G bonds - Dry Ridge	185,000	-	(35,000)	150,000
KRW series 2005B bonds - Phase 8	417,000	-	(16,000)	401,000
KRW series 2005B bonds - Phase 10	235,000	-	(9,000)	226,000
Note payable - KIA 2002	190,335	-	(18,107)	172,228
Note payable - KIA 2003	725,954	-	(59,778)	666,176
Construction loan - KIA	1,940,995	-	(89,025)	1,851,970
Construction loan -Phase 12 - KIA	1,599,207	197,093	(36,744)	1,759,556
Capital lease - Grant County Fiscal Court	665,000	-	(120,000)	545,000
Capital lease - The Bank of Kentucky	758,355	-	(67,861)	690,494
Capital lease - Old National 2003	5,019	-	(5,019)	-
Subtotal	7,110,865	\$ 197,093	\$ (499,534)	6,808,424
Less: current portion of long-term debt	(536,617)			(542,480)
Total Long-Term Indebtedness	\$ 6,574,248			\$ 6,265,944

NOTE 9 – EMPLOYEE RETIREMENT SYSTEM

County Employees Retirement System

Employees who work an average of 100 hours per month participate in the County Employees Retirement System of Kentucky (CERS). It is a cost sharing multiple-employer defined benefit pension plan created by and operated under Kentucky law. CERS covers substantially all regular full-time employees of each county and school board, and any additional local agencies electing to participate in the system. The plan provides for retirement, disability and death benefits to plan members. Retirement benefits may be extended to beneficiaries of plan members under certain circumstances. Cost-of-living adjustments are provided at the discretion of the State Legislature. For the years ended December 31, 2014 and 2013 plan members were required to contribute 5% of their annual creditable compensation. Members hired on or after September 1, 2008 are required to contribute 6%. The additional 1% is considered a health insurance contribution.

Employer contribution rates are actuarially determined. Such contribution rates are determined by the Board of Trustees of the Kentucky Retirement System. They may amend contribution rates as of the first day of July, if it is determined necessary to satisfy requirements determined in accordance with actuarial basis adopted by the Board. From January until June 2014 the employer contribution rate was 18.89%. From July until December 2014, the employer rate was

BULLOCK PEN WATER DISTRICT NOTES TO THE FINANCIAL STATEMENTS December 31, 2014 and 2013
--

17.67%. From January until June 2013 the employer contribution rate was 19.55%. From July until December 2013, the employer rate was 18.89%.

The District has made 100% of all required contributions for each of the years ended December 31, 2014, 2013, 2012, 2011, 2010, and 2009. Information about the contributions made by the District and the employees, as well as gross payroll and covered payroll follows:

	2014	2013	2012	2011	2010
Gross Payroll - All Employees	\$ 724,438	\$ 698,697	\$ 675,951	\$ 684,217	\$ 685,089
Gross Payroll - Covered Employees	658,224	635,183	624,243	634,083	648,571
Employee Contribution	34,122	32,859	31,971	31,353	32,691
Employer Contribution (expense)	120,261	121,303	119,107	109,960	107,283

NOTE 10 – RELATED PARTY TRANSACTIONS

The staff of the Bullock Pen Water District operates the Grant County Sewer District as well. The District receives a management fee from the Grant County Sewer District for these services. This fee was \$124,070 and \$124,290 in 2014 and 2013, respectively. The Chairman of the Board of Commissioners and two other commissioners of the District serve on the boards of both the Bullock Pen Water District and the Grant County Sewer District.

NOTE 11 – ECONOMIC DEPENDENCY/CREDIT RISK

Bullock Pen Water District is a government agency operating with one office in Crittenden, Kentucky. It grants credit to customers who are primarily local residents and businesses. The District receives all of its operating revenues from customers in Grant, Pendleton, Kenton, Boone and Gallatin Counties in Kentucky.

NOTE 12 – CONCENTRATIONS

The District has agreements to purchase water from the cities of Walton and Williamstown, Kentucky, the Northern Kentucky Water District, and the Boone County Water District.

NOTE 13 – RESTITUTION RECEIVABLE

The District has a receivable balance due from Jonathan Thurman as restitution for past unpaid water charges. This restitution balance is unsecured and non-interest bearing, and is to be paid over multiple years. The entire account balance becomes immediately due and payable upon default of the monthly payment. The balance of this account was \$5,816 and \$7,116 at December 31, 2014 and December 31, 2013, respectively.

<p>BULLOCK PEN WATER DISTRICT <i>NOTES TO THE FINANCIAL STATEMENTS</i> December 31, 2014 and 2013</p>
--

NOTE 14 – SUBSEQUENT EVENTS

Management has evaluated events through March 11, 2015, the date on which the financial statements were available for issue. The District did not have any events subsequent to report from December 31, 2014 through March 11, 2015 to disclose.

<p>BULLOCK PEN WATER DISTRICT SCHEDULES OF OPERATIONS, MAINTENANCE AND ADMINISTRATIVE EXPENSES For the Years Ended December 31, 2014 and 2013</p>
--

	<u>2014</u>	<u>2013</u>
Operations, Maintenance and Administrative Expenses		
Salaries and wages - employees	\$ 705,195	\$ 743,139
Employee pension and benefits	362,694	429,720
Advertising	288	885
Bad debt expense	32,670	38,305
Chemicals	94,501	85,323
Commissioners' fees	12,800	13,700
Contractual services - accounting	50,772	46,869
Contractual services - engineering	10,365	10,231
Contractual services - legal	9,028	32,666
Contractual services - management	2,560	2,208
Contractual services - water test	17,135	11,536
Contractual services - other	84,946	73,038
Insurance - general liability	18,088	15,427
Insurance - other	9,398	8,521
Insurance - vehicle	6,274	5,973
Insurance - workers' compensation	8,799	9,814
Materials and supplies	218,702	107,070
Miscellaneous	1,054	1,493
Payroll taxes	51,527	50,311
Purchased power	85,822	94,025
Rental of property and equipment	9,576	13,590
Transportation	42,933	46,677
Utility regulatory assessment	7,508	7,080
	<u> </u>	<u> </u>
Total Operations, Maintenance and Administrative Expenses	<u>\$ 1,842,635</u>	<u>\$ 1,847,601</u>



Van Gorder, Walker & Co., Inc.
Certified Public Accountants

Charles A. Van Gorder, CPA
John P. Walker, CPA, MBA
Lori A. Owen, CPA
John R. Chamberlin, CPA, MBA
Members of AICPA & KY CPA
Licensed in Kentucky & Ohio

**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL
OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER
MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED
IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS**

**To the Board of Commissioners
Bullock Pen Water District**

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the business-type activities of Bullock Pen Water District, as of and for the years ended December 31, 2014 and 2013, and the related notes to the financial statements, which collectively comprise Bullock Pen Water District's basic financial statements, and have issued our report thereon dated March 11, 2015.

Internal Control over Financial Reporting

In planning and performing our audits of the financial statements, we considered Bullock Pen Water District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Bullock Pen Water District's internal control. Accordingly, we do not express an opinion on the effectiveness of Bullock Pen Water District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

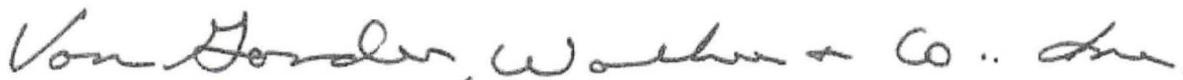
Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified. We did not identify any deficiencies in internal control that we consider significant deficiencies.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Bullock Pen Water District's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements. Noncompliance could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audits, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Van Gorder, Walker & Co., Inc.
Erlanger, Kentucky
March 11, 2015

12/31/15

2015 Federal Depreciation Schedule

Page 1

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31 AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
Form 1120S																
Auto / Transport Equipment																
326	2000 DODGE RAM W/LADDER R	4/21/00		21,797							21,797	21,797	S/L	5		0
327	2000 STIGER TRAILER/BRAKE	7/31/00		6,833							6,833	6,833	S/L	5		0
428	2004 FORD RANGER	9/10/04		26,827							26,827	26,827	S/L	5		0
469	TAILGATE SPREADER	1/07/05		669							669	669	S/L	5		0
470	2006 FRTLINER DUMP TRUCK	10/17/05		65,531							65,531	60,069	S/L	10		5,462
504	2006 FORD RANGER 4 X 4	7/13/06		19,483							19,483	19,483	S/L	5		0
542	PUMP REP-2000 DODGE RAM	3/06/07		1,292							1,292	1,292	S/L	5		0
543	2007 CHEV TRUCK/U BED/RAD	9/14/07		25,779							25,779	25,779	S/L	5		0
544	TRANSMISSION-2004 FORD RA	9/27/07		1,929							1,929	1,929	S/L	5		0
568	GENERATOR TRAILER	5/25/08		1,803							1,803	915	S/L	13		139
592	2010 CHEV 3500 P U TRUCK	6/23/10		39,912							39,912	35,919	S/L	5		3,993
593	2011 FORD RANGER	10/05/10		17,221							17,221	14,637	S/L	5		2,584
619	TRANSMISSION-2000 FORD RA	7/26/11		1,720							1,720	1,720	S/L	3		0
633	TRANSMISSION - 2001 DODGE	4/27/12		1,800							1,800	1,600	S/L	3		200
660	TRUCK #11 2013 CHEV	2/15/13		22,842							22,842	4,378	S/L	10		2,284
661	TRUCK #14 2013 CHEV	2/15/13		22,842							22,842	4,378	S/L	10		2,284
691	TRAILER	4/25/14		4,100							4,100	210	S/L	13		315
Total Auto / Transport Equipment				282,380		0	0	0	0	0	282,380	228,435				17,261
DISTRIBUTION RESERVOIR & STANDPIPES																
47	ENCLOSING SETTLING BASIN	7/01/80		123,034							123,034	86,129	S/L	50		2,461
48	LADDER GUARD FOR TOWER	1/01/84		740							740	740	S/L	10		0
49	CONCRETE SLAB & OTHER IMP	1/01/86		1,902							1,902	1,902	S/L	10		0

12/31/15

2015 Federal Depreciation Schedule

Page 2

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
50	DRAIN SLEDGE POND	12/01/86		1,741							1,741	1,741	S/L	5		0
51	ROAD BUILT TO SLEDGE POND	12/01/86		2,161							2,161	2,161	S/L	10		0
52	4" FLANGED ALTITUDE VALV	3/01/86		2,575							2,575	2,575	S/L	8		0
53	150,000 GAL ELEVATED STOR	6/01/88		220,969							220,969	117,108	S/L	50		4,419
54	INSTALLED ELEVATED TANK T	5/29/91		13,906							13,906	13,906	S/L	15		0
55	NEW CONTROL PANEL	5/29/91		1,219							1,219	1,219	S/L	15		0
56	WATER TOWER CRITTENDEN	1/20/93		307,337							307,337	134,720	S/L	50		6,147
57	ROAD TO WATER TOWER	9/23/93		6,263							6,263	6,263	S/L	10		0
58	LOADING STATION WATER TOW	9/23/93		6,425							6,425	2,739	S/L	50		129
59	PAINT & REPAIR VERONA TOW	11/01/93		45,087							45,087	45,087	S/L	20		0
60	WATER TOWER-MITTS ROAD	12/19/96		296,607							296,607	107,024	S/L	50		5,932
422	TANK-1999 DWSRF-FED FUNDS	7/23/04		506,944							506,944	105,615	S/L	50		10,139
423	DRY RIDGE TANK-200,000 GA	9/03/04		421,622							421,622	87,131	S/L	50		8,432
545	PAINT & REP SHERMAN TOWER	9/30/07		158,556							158,556	57,478	S/L	20		7,928
546	REPAIR CRITTENDEN TOWER	9/30/07		10,121							10,121	3,669	S/L	20		506
702	CRITTENDEN WATER TOWER	1/15/14		1,595,753							1,595,753	31,915	S/L	50		31,915
Total DISTRIBUTION RESERVOIR				3,722,962		0	0	0	0	0	3,722,962	809,122				78,008
Furniture and Fixtures																
231	DESK	11/27/96		535							535	535	S/L	5		0
232	ADD'L PHONE STATION	6/13/97		407							407	407	S/L	5		0
233	REFRIGERATOR	8/19/98		531							531	531	S/L	5		0
234	CONFERENCE TABLE & 10 CHA	5/31/99		2,638							2,638	2,638	S/L	10		0
235	2 TELEPHONES	7/29/99		613							613	613	S/L	5		0
236	DESK	3/14/89		328							328	328	S/L	10		0
237	EXECUTIVE CHAIR	4/19/89		211							211	211	S/L	10		0

12/31/15

2015 Federal Depreciation Schedule

Page 3

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
238	DESK & CHAIR	7/14/89		269							269	269	S/L	10		0
239	CHECK PROTECTOR	6/04/90		259							259	259	S/L	10		0
240	COMPUTER DESK	4/15/91		782							782	782	S/L	10		0
241	DISTRICT MAPS	12/31/92		2,789							2,789	2,789	S/L	10		0
242	TABLE	2/18/93		159							159	159	S/L	10		0
243	4 CHAIRS	4/22/93		378							378	378	S/L	10		0
244	USED CABINTE-SAFE	3/15/94		150							150	150	S/L	10		0
245	HAZARD COMMUNICAITON	9/16/94		295							295	295	S/L	5		0
246	2 FILE CABINETS	8/31/95		180							180	180	S/L	10		0
247	FILE CABINET	2/01/77		506							506	506	S/L	5		0
248	DESK	9/01/83		250							250	250	S/L	5		0
249	4 DRAWER FILE	9/01/83		140							140	140	S/L	5		0
250	FILE CABINET	10/01/83		155							155	155	S/L	5		0
251	DESK	10/01/83		250							250	250	S/L	5		0
252	MUELLER E-5 TAPPING MACH.	4/01/85		554							554	554	S/L	5		0
253	MAP RACK & CLAMPS	4/01/86		409							409	409	S/L	5		0
254	DESK	2/01/87		315							315	315	S/L	8		0
255	TABLE	12/01/88		109							109	109	S/L	5		0
256	MAP RACK & CLAMPS	12/01/88		469							469	469	S/L	5		0
257	2 CAPTAINS CHAIRS	12/01/88		414							414	414	S/L	8		0
325	BILLING CARD SEPARATOR	5/31/00		6,000							6,000	6,000	S/L	7		0
348	KATSIA'S DESK	10/31/01		645							645	645	S/L	10		0
409	COMMERCIAL SWEEPER	1/02/03		546							546	546	S/L	7		0
467	LASER PRINTER	1/21/05		1,595							1,595	1,595	S/L	5		0
468	DUPLO V-580 SHEET CUTTER	4/29/05		6,280							6,280	6,280	S/L	7		0
567	SECURITY SYSTEM	4/30/08		4,376							4,376	2,920	S/L	10		438
589	7 COMPUTERS/SOFTWARE,ETC	5/31/10		16,845							16,845	15,441	S/L	5		1,404

12/31/15

2015 Federal Depreciation Schedule

Page 4

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
590	E-GOV BILLING SOFTWARE	5/31/10		21,105							21,105	19,346	S/L	5		1,759
591	BILLY'S COMPUTER W/MS OFF	5/31/10		1,060							1,060	972	S/L	5		88
613	KAREN'S LAPTOP & SOFTWARE	2/18/11		1,033							1,033	793	S/L	5		207
614	KIRKWOOD SWEEPER	3/28/11		530							530	398	S/L	5		106
621	3 HEADSETS	7/22/11		1,166							1,166	570	S/L	7		167
628	LEXMARK LASER PRINTER	9/19/11		900							900	293	S/L	10		90
672	1 PAD & CASE	7/31/13		596							596	106	S/L	8		75
688	NEW SERVER COMPUTER & MON	3/31/14		1,675							1,675	251	S/L	5		335
689	SMART BILL INTERFACE	1/17/14		1,500							1,500	458	S/L	3		500
690	11 MICROSOFT WINDOWS 8.1	3/31/14		1,399							1,399	210	S/L	5		280
Total Furniture and Fixtures				81,346		0	0	0	0	0	81,346	70,919				5,449
HYDRANTS																
258	HYDRANTS	7/01/62		1,800							1,800	1,800	S/L	50		0
259	FIRE HYDRANT	7/01/83		634							634	400	S/L	50		13
260	7 FIRE HYDRANTS-BOONE CO	7/01/86		9,311							9,311	5,304	S/L	50		186
261	1 FIRE HYDRANT-KOA	7/01/86		1,536							1,536	878	S/L	50		31
262	FIRE HYDRANT-CITY CRITTEN	9/01/87		828							828	457	S/L	50		17
263	8 FIRE HYDRANTS-POOK	10/01/88		11,200							11,200	5,843	S/L	50		224
264	FIRE HYDRANT-BANITSER ROA	9/29/92		1,016							1,016	447	S/L	50		20
265	HYDRANT-MORGAN LINE	8/01/93		993							993	428	S/L	50		20
266	HYDRANT-D. RITCHIE	9/28/93		668							668	278	S/L	50		13
267	8 FIRE HYDRANTS-VERONA	11/01/93		9,376							9,376	3,976	S/L	50		188
268	1-HIGH VISTA ESTATES	11/29/94		975							975	399	S/L	50		20
269	1-GREENVIEW ESTATES	11/29/94		975							975	399	S/L	50		20
270	3-GRANTLAND SEC 5	11/04/94		2,925							2,925	1,187	S/L	50		59

12/31/15

2015 Federal Depreciation Schedule

Page 5

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Prt.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
271	3-INDIAN HILL MHP	11/04/94		2,925							2,925	1,187	S/L	50		59
272	2 WYNNLYNN ACRES	3/01/94		1,950							1,950	813	S/L	50		39
273	FIRE HYDRANT-491 HILL	3/19/95		1,757							1,757	693	S/L	50		35
274	FLUSHING HYDRANT-KNOXVILL	6/14/95		512							512	196	S/L	50		10
275	3-SHERMAN ESTATES-GEORGE	8/15/95		5,025							5,025	1,955	S/L	50		101
276	5-HARVESTERS-SECTION 3	4/25/95		8,375							8,375	3,302	S/L	50		168
277	1- BLACKWELL ESTATES-AARO	10/19/95		1,675							1,675	651	S/L	50		34
278	65 HYDRANTS-PHASE III	6/11/96		67,638							67,638	25,086	S/L	50		1,353
279	7 HYDRANTS	7/15/96		11,725							11,725	4,336	S/L	50		235
280	1 BLOW OFF HYDRANT	9/15/96		791							791	292	S/L	50		16
281	4 HYDRANTS-STEERS ESTATE	10/12/96		6,700							6,700	2,440	S/L	50		134
282	FIRE HYDRANT-DUNCAN LANE	2/11/97		639							639	232	S/L	50		13
283	5 HYDRANTS-VERONA COMMONS	9/12/97		8,375							8,375	2,904	S/L	50		168
284	3 HYDRANTS-EAGLE RIDGE	10/09/97		5,025							5,025	1,742	S/L	50		101
285	11 HYDRANTS-PHASE IV CONS	6/06/97		10,073							10,073	3,535	S/L	50		201
286	21 HYDRANTS & 2 BLOW OFFS	7/01/98		36,758							36,758	12,128	S/L	50		735
287	12 HYDRANTS & 1 BLOW OFF	7/01/99		21,525							21,525	6,680	S/L	50		431
314	1 HYDRANT - DAY ROAD	8/31/00		2,446							2,446	702	S/L	50		49
315	11 - BLUEGRASS EST II	7/01/00		20,900							20,900	6,061	S/L	50		418
316	8 - LEX TRAILS I	7/01/00		15,200							15,200	4,408	S/L	50		304
317	1 - COUNTRY CLUB CARLA CT	7/01/00		1,900							1,900	551	S/L	50		38
318	4 - GREENVIEW	7/01/00		7,600							7,600	2,204	S/L	50		152
319	2 - HARVESTORS SEC 6	7/01/00		3,800							3,800	1,102	S/L	50		76
320	2 -SILVER RIDGE	7/01/00		3,800							3,800	1,102	S/L	50		76
321	3 - WALNUT MANOR	7/01/00		5,700							5,700	1,653	S/L	50		114
345	2 HYDRANTS-VRNA CMS PH 3	7/01/01		4,592							4,592	1,242	S/L	50		92
346	1 BLOW OFF HYDRANT-AULBAC	7/01/01		1,300							1,300	351	S/L	50		26

12/31/15

2015 Federal Depreciation Schedule

Page 6

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
376	FLO NURSERY HYDRANT	1/31/02		2,296							2,296	594	S/L	50		46
377	5 HYD - GREENVIEW SUB II	7/01/02		11,480							11,480	2,875	S/L	50		230
378	4 HYD - LEX TRAILS II	7/01/02		9,184							9,184	2,300	S/L	50		184
379	3 HYD - CLAIRBORNE II	7/01/02		6,888							6,888	1,725	S/L	50		138
380	3 HYD - EZ STOP II	7/01/02		6,888							6,888	1,725	S/L	50		138
381	39 FIRE HYD - PHASE V	11/04/02		70,023							70,023	17,033	S/L	50		1,400
384	1 BLOW OFF-MULLIGAN RD	7/01/02		1,300							1,300	325	S/L	50		26
385	1 BLOW ORR-SHADY LANE	7/01/02		1,300							1,300	325	S/L	50		26
402	3 HYD - DEER RUN III	6/30/03		6,900							6,900	1,587	S/L	50		138
403	2 HYD - FORDS MILL RD	6/30/03		4,600							4,600	1,058	S/L	50		92
404	7 HYD - PORTER PLANTATION	6/30/03		16,100							16,100	3,703	S/L	50		322
405	1 HYD - SOUTHERN COURT	6/30/03		2,300							2,300	529	S/L	50		46
406	5 HYD - STEERS ESTATE	6/30/03		11,500							11,500	2,645	S/L	50		230
407	2 HYD - CLAIRBORNE III	6/30/03		4,600							4,600	1,058	S/L	50		92
408	1 HYD - SELTMAN-WV RD	10/30/03		2,300							2,300	514	S/L	50		46
413	3 FIRE +5 BLOW OFFS-PH 5A	10/16/03		12,095							12,095	2,702	S/L	50		242
426	2 @ I-71 WEIGH STATION	4/23/04		3,789							3,789	811	S/L	50		76
427	18 @ 1999 DWSRF-FED FUNDS	8/02/04		50,288							50,288	10,479	S/L	50		1,006
446	9 FIRE HYD-MANOR ESTATES	12/31/04		20,700							20,700	4,140	S/L	50		414
447	6 FIRE HYD-MAPLE RIDGE	12/31/04		13,800							13,800	2,760	S/L	50		276
448	2 FIRE HYD-ALEXIS-GRNVW E	12/08/04		4,600							4,600	928	S/L	50		92
449	1 BLOW OFF HYD-BLAIR RD	12/31/04		1,400							1,400	280	S/L	50		28
450	5 FIRE HYD-EAGLE CR DRIVE	12/31/04		11,500							11,500	2,300	S/L	50		230
451	2 FIRE HYD-VER COM-SWT GR	12/31/04		4,600							4,600	920	S/L	50		92
452	3 FIRE HYD-CLAIBORNE EST	12/31/04		6,900							6,900	1,380	S/L	50		138
463	HYDRANT - GRASSY RUN/FLAN	6/21/05		2,650							2,650	504	S/L	50		53
475	14 FIRE HYD - PHASE 7	7/27/05		34,618							34,618	6,516	S/L	50		692

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
478	4 FIRE HYD - I-75 WGH STA	8/23/05		8,367							8,367	1,559	S/L	50		167
485	4 HYD-STEPHENSON RESERVE	4/11/05		9,200							9,200	1,794	S/L	50		184
488	2 HYDRANTS-FAIRVIEW RD	11/01/05		4,600							4,600	843	S/L	50		92
491	8 HYDRANTS-SALEM CREEK ES	6/06/05		18,400							18,400	3,527	S/L	50		368
495	6 HYDRANTS-EAGLE OAK	3/31/06		13,800							13,800	2,415	S/L	50		276
499	1 HYDRANT-FAIRVIEW RD EXT	3/31/06		2,300							2,300	403	S/L	50		46
505	37 FIRE HYD - PHASE 10	8/15/06		98,287							98,287	16,547	S/L	50		1,966
506	43 FIRE&21 BLOW OFF PH8	9/21/06		161,675							161,675	26,680	S/L	50		3,234
507	5 HYD-SUMMERFIELD DEV	12/31/06		11,500							11,500	1,840	S/L	50		230
508	4 HYD EAGLE CR II-10 MILE	8/01/06		9,200							9,200	1,549	S/L	50		184
509	4 HYD EAGLE CR III-10 MIL	12/31/06		9,200							9,200	1,472	S/L	50		184
526	2 FIRE HYD-WAL/VER SPORTS	11/29/06		4,600							4,600	744	S/L	50		92
537	1 EOL BLOW OFF-DICK-PH 10	8/22/07		3,493							3,493	513	S/L	50		70
538	1 BLOW OFF-WEBB-PH 10	8/22/07		3,125							3,125	462	S/L	50		63
549	3 FIRE HYD-SHER SCH UPGRA	11/21/07		7,818							7,818	1,105	S/L	50		156
551	4 BLOW OFF HYD-CUMMONS	9/10/07		7,600							7,600	1,115	S/L	50		152
552	4 HYDRANTS - ASHLEY DEV	12/15/07		9,200							9,200	1,303	S/L	50		184
576	34 FIRE HYDRANTS- PH 11	4/10/08		90,480							90,480	12,217	S/L	50		1,810
577	5 BLOW OFF HYD - PH 11	4/10/08		10,273							10,273	1,384	S/L	50		205
599	41 FIRE HYDRANTS-PHASE 6	6/08/10		162,069							162,069	14,855	S/L	50		3,241
602	1 BLOW OFF HYD-NORTHFORK	7/12/10		1,200							1,200	108	S/L	50		24
604	1 BLOW OFF HYD-POOLE RD	12/31/10		1,200							1,200	96	S/L	50		24
700	4 FIRE HYDRANTS	1/15/14		15,885							15,885	318	S/L	50		318
Total HYDRANTS				1,289,014		0	0	0	0	0	1,289,014	273,909				25,752

12/31/15

2015 Federal Depreciation Schedule

Page 8

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31 AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
LABORATORY EQUIPMENT																
94	FORD \$ TEST BENCH & TANKS	12/01/88		3,302							3,302	3,302	S/L	10		0
95	LAUNDRY TUBS	2/01/89		133							133	133	S/L	10		0
96	DRUM CRADLE	2/01/89		129							129	129	S/L	10		0
Total LABORATORY EQUIPMENT				3,564		0	0	0	0	0	3,564	3,564				0
LAND - GP																
296	5.82301 ACRES=253650 SQ F	5/01/88		84,693							84,693					0
297	LAND	7/01/89		3,310							3,310					0
300	LAND	7/01/90		600							600					0
Total LAND - GP				88,603		0	0	0	0	0	88,603	0				0
LAND - SOS																
298	LAND	7/01/62		511							511					0
303	LAND	7/01/77		3,700							3,700					0
Total LAND - SOS				4,211		0	0	0	0	0	4,211	0				0
LAND - T&D																
301	LAND	7/01/86		6,011							6,011					0
302	LAND	7/01/77		3,605							3,605					0
304	LAND	7/01/96		12,128							12,128					0
358	LAND - SHERMON MT ZION	12/31/01		19,300							19,300					0
386	LAND - DRY RIDGE TANK	11/11/02		19,000							19,000					0
430	SCROGGINS EASEMENT	7/26/04		900							900					0

12/31/15

2015 Federal Depreciation Schedule

Page 9

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
634	.51 ACRES - CRITT TOWER	1/01/12		33,500							33,500					0
695	LAND - CRITTENDEN TOWER	1/15/14		5,026							5,026					0
Total LAND - T&D				99,470		0	0	0	0	0	99,470	0				0
LAND - WTP																
299	LAND	7/01/77		8,000							8,000					0
Total LAND - WTP				8,000		0	0	0	0	0	8,000	0				0
METERS																
158	1" METER	2/01/95		581							581	238	S/L	50		12
159	1" METER	7/15/95		574							574	216	S/L	50		11
160	METER AT VERONA LOADING	3/06/95		702							702	278	S/L	50		14
161	1-3/4' METER COTTONWOOD	12/20/95		83							83	37	S/L	50		2
162	195 METERS	7/01/95		90,050							90,050	37,049	S/L	50		1,801
163	1 METER AT INDIAN HILL MH	1/01/95		352							352	162	S/L	50		7
164	26 METERS BLACKWELL EST	10/19/95		9,145							9,145	3,515	S/L	50		183
165	50 METERS SHERMAN EST	8/15/95		17,587							17,587	6,819	S/L	50		352
166	227 METERS	7/01/96		97,424							97,424	36,039	S/L	50		1,948
167	447 METERS-PHASE III CONS	6/11/96		206,918							206,918	78,726	S/L	50		4,138
168	1-1" METER	11/29/96		640							640	234	S/L	50		13
169	40 METERS-GEORGE DRIVE	7/01/96		16,281							16,281	6,030	S/L	50		326
170	82 METERS-PHASE IV CONST	6/06/97		35,767							35,767	12,573	S/L	50		715
171	234 METERS-2-1" 1-2"	6/30/97		115,315							115,315	40,356	S/L	50		2,306
172	2737 NEPTUNE	7/01/98		225,803							225,803	74,514	S/L	50		4,516
173	4-1" METERS & 3-2 METERS	7/01/98		47,646							47,646	15,824	S/L	50		953

12/31/15

2015 Federal Depreciation Schedule

Page 10

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
174	175-3/4" METERS SET BY DE	7/01/98		76,793							76,793	25,344	S/L	50		1,536
175	112-3/4" METER,5-1" METER	7/01/99		55,530							55,530	17,220	S/L	50		1,111
176	114 METERS SET BY DEVELOP	7/01/99		53,689							53,689	16,647	S/L	50		1,074
177	19 DROP INS	7/01/99		2,686							2,686	837	S/L	50		54
178	MTRS 350 3/4", 5-1" & 1-6"	7/01/62		23,500							23,500	23,500	S/L	50		0
179	METERS	7/01/76		3,705							3,705	2,814	S/L	50		74
180	METERS	7/01/78		1,950							1,950	1,443	S/L	50		39
181	METERS	7/01/80		4,875							4,875	3,420	S/L	50		98
182	METERS	7/01/83		12,875							12,875	8,119	S/L	50		258
183	VIOLET RD FEEDER LINE	7/01/83		1,803							1,803	1,153	S/L	50		36
184	METERS 33 @ 257.50	7/01/84		8,498							8,498	5,184	S/L	50		170
185	METERS 60 @ 264.50	7/01/85		15,870							15,870	9,357	S/L	50		317
186	METERS 54 @ 264.50	7/01/86		14,283							14,283	8,146	S/L	50		286
187	METERS 4 COST PLUS	7/01/86		880							880	508	S/L	50		18
188	METERS 64 @ 311	7/01/87		19,904							19,904	10,946	S/L	50		398
189	4 METERS- BRADFORD	9/01/87		499							499	272	S/L	50		10
190	73 METERS @ 311	7/01/88		22,703							22,703	12,032	S/L	50		454
191	1-1" METERS	7/01/88		585							585	315	S/L	50		12
192	29 METERS-POOLE-STEVENSON	10/01/88		9,019							9,019	4,699	S/L	50		180
193	77 METERS	7/01/89		28,685							28,685	14,706	S/L	50		574
194	1-2" METER	8/13/90		541							541	266	S/L	50		11
195	1-2" METERS	8/24/90		585							585	290	S/L	50		12
196	108-3/4 METERS	7/01/90		42,307							42,307	22,728	S/L	50		846
197	45 METERS-CROSSOVER	6/10/91		28,985							28,985	13,628	S/L	50		580
198	1" METER	6/10/91		816							816	379	S/L	50		16
199	2" METER	5/01/92		1,870							1,870	839	S/L	50		37
200	1992 METERS-106 METERS	7/01/92		39,126							39,126	17,614	S/L	50		783

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
201	1992 CONSTRUCTION-76 METE	10/13/92		67,372							67,372	29,917	S/L	50		1,347
202	1993 METERS-165 PAID	6/30/93		76,905							76,905	33,068	S/L	50		1,538
203	2" METER-MUELLER	8/11/93		1,264							1,264	536	S/L	50		25
204	36 METERS LECHI SUB	9/25/93		13,288							13,288	5,651	S/L	50		266
205	100 METERS SHERMAN EST	2/20/93		36,911							36,911	16,114	S/L	50		738
206	8 METERS LECHI SUB	1/01/93		3,043							3,043	1,341	S/L	50		61
207	1994 METERS-132 INSTALL	6/30/94		73,862							73,862	30,280	S/L	50		1,477
208	64 METERS INDIAN HILL	6/30/94		22,511							22,511	9,226	S/L	50		450
209	1" METER	6/16/94		585							585	245	S/L	50		12
210	1" METER	12/14/94		909							909	361	S/L	50		18
211	MASTER METER - WALTON	11/30/94		30,812							30,812	12,373	S/L	50		616
212	6 METERS-MARKIN DRIVE	4/25/94		2,110							2,110	869	S/L	50		42
338	89 METERS SET BY BPWD	7/01/00		40,609							40,609	11,774	S/L	50		812
339	121 METERS SET BY DEV/OTH	7/01/00		55,703							55,703	16,153	S/L	50		1,114
349	83 3/4" METRS SET BY BPWD	7/01/01		37,352							37,352	10,085	S/L	50		747
350	1 1" MTR SET BY BPWD	7/01/01		872							872	230	S/L	50		17
351	1 1 1/2" MTR SET BY BPW	7/01/01		1,394							1,394	378	S/L	50		28
352	2 2" METERS SET BY BPWD	7/01/01		5,702							5,702	1,539	S/L	50		114
353	4 DROP INS AT LEEHI SUBD	7/01/01		1,811							1,811	486	S/L	50		36
354	105 DROP INS - DEV RFD	7/01/01		52,301							52,301	14,121	S/L	50		1,046
355	INDIAN HILL MH DROP INS	7/01/01		855							855	230	S/L	50		17
370	181 METERS - PHASE V	11/04/02		67,040							67,040	16,315	S/L	50		1,341
371	148 METERS SET & DROPPED	7/01/02		80,812							80,812	20,195	S/L	50		1,616
372	31 METERS INDIAN HILL MHP	3/31/02		12,817							12,817	3,264	S/L	50		256
373	18 DROP MTR IND HILL MHP	7/01/02		1,710							1,710	425	S/L	50		34
374	2 METERS 1"	9/20/02		1,846							1,846	453	S/L	50		37
375	2" METER	11/08/02		3,560							3,560	864	S/L	50		71

12/31/15

2015 Federal Depreciation Schedule

Page 12

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
399	5 - 1 INCH METERS	8/01/03		4,911							4,911	1,119	S/L	50		98
400	1 - 1 1/2 INCH METER	1/05/03		1,421							1,421	336	S/L	50		28
401	157 - 3/4" METERS	6/30/03		92,815							92,815	21,344	S/L	50		1,856
410	2000 R900 RADIO RD ATTACH	11/15/03		212,000							212,000	47,347	S/L	50		4,240
411	2000 R900 RADIO RD ATTACH	12/31/03		212,000							212,000	46,640	S/L	50		4,240
414	23-3/4" + 2-1" MTRS-PH 5A	10/16/03		9,615							9,615	2,144	S/L	50		192
424	1,200 RADIO RD MTR ATTACH	3/24/04		127,200							127,200	27,348	S/L	50		2,544
425	METER I-71WEIGH STATION	4/23/04		3,525							3,525	757	S/L	50		71
440	150 MTRS & RAD RD ATTACH	6/30/04		27,525							27,525	5,785	S/L	50		551
441	MTR SUPPLIES-MANOR ESTATE	12/31/04		3,842							3,842	770	S/L	50		77
442	MTR SUPPLIES-STEPHENSON R	12/31/04		1,910							1,910	380	S/L	50		38
443	86-3/4"MTRS SET BY DIST	6/30/04		88,798							88,798	18,648	S/L	50		1,776
444	61-3/4"MTRS DROP BY DIST	6/30/04		37,255							37,255	7,823	S/L	50		745
445	5-1"MTRS SET BY DISTRICT	6/30/04		6,947							6,947	1,459	S/L	50		139
456	1 1/2" METER WENDY'S	1/05/05		1,486							1,486	300	S/L	50		30
457	2" METER DALTON STRIP MAL	1/22/05		2,789							2,789	555	S/L	50		56
458	2" METER BAVARIAN	8/29/05		3,034							3,034	569	S/L	50		61
459	3" METER CMZ FIRE PIT	9/23/05		4,099							4,099	758	S/L	50		82
460	79 METERS SET BY DISTRICT	6/30/05		76,321							76,321	14,497	S/L	50		1,526
461	64 METERS DROPPED BY DIST	6/30/05		43,786							43,786	8,322	S/L	50		876
462	4 - 1" METERS	6/30/05		5,284							5,284	1,007	S/L	50		106
477	45 METERS - PHASE 7	7/27/05		43,519							43,519	8,193	S/L	50		870
480	2" METER - I-75 WGH STA	8/23/05		3,396							3,396	635	S/L	50		68
481	2" METER FAIRVIEW RD	11/30/05		2,865							2,865	518	S/L	50		57
482	44 METER SALEM CREEK ES	6/06/05		12,158							12,158	2,329	S/L	50		243
494	18 MTRS - EAGLE OAK SUB	3/31/06		2,703							2,703	473	S/L	50		54
498	1 METER-FAIRVIEW RD EXT	3/31/06		139							139	26	S/L	50		3

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
502	2" METER-FLO SPEEDWAY	6/06/06		2,997							2,997	515	S/L	50		60
503	2006 METERS-(2) 1" MTRS	6/30/06		2,784							2,784	476	S/L	50		56
510	75 MTRS 3/4" - PH 10	8/15/06		68,431							68,431	11,522	S/L	50		1,369
511	169 MTRS 3/4" - PH 8	9/21/06		140,439							140,439	23,174	S/L	50		2,809
512	1 MTR 1" - PH 8	9/21/06		1,651							1,651	272	S/L	50		33
513	43 MTR 3/4"-SUMMERFLD DEV	12/31/06		6,046							6,046	968	S/L	50		121
514	43 MTR 3/4" E CREEK PH 2	8/01/06		5,478							5,478	926	S/L	50		110
515	50 MTR 3/4" E CREEK PH 3	12/31/06		6,834							6,834	1,096	S/L	50		137
522	83 3/4" METERS SET	6/30/06		81,400							81,400	13,838	S/L	50		1,628
523	61 3/4" METERS DROPPED	6/30/06		36,795							36,795	6,256	S/L	50		736
527	3" MTR & PIT-WAL/VER SPOR	11/29/06		18,380							18,380	2,975	S/L	50		368
547	4 METERS WEBB LANE-PH 10	8/22/07		4,000							4,000	587	S/L	50		80
553	69 METERS 3/4" SET	6/30/07		72,969							72,969	10,943	S/L	50		1,459
554	42 METERS 3/4" DROPPED	6/30/07		20,784							20,784	3,120	S/L	50		416
555	2 METERS 1" SET	6/30/07		2,845							2,845	427	S/L	50		57
556	29 MTR 3/4" - CUMMONS	9/10/07		3,860							3,860	565	S/L	50		77
557	43 MTR 3/4" - ASHLEY	12/15/07		5,982							5,982	850	S/L	50		120
558	4" METER SHERMAN SCH	11/21/07		19,000							19,000	2,692	S/L	50		380
569	2 METERS 1" SET	8/15/08		2,904							2,904	372	S/L	50		58
570	46 METERS 3/4" SET	6/30/08		51,229							51,229	6,662	S/L	50		1,025
571	22 METERS 3/4" DROPPED	6/30/08		12,381							12,381	1,612	S/L	50		248
572	52 METERS 3/4" PHASE 11	4/10/08		44,902							44,902	6,062	S/L	50		898
580	30 - 3/4" METERS SET	6/30/09		32,352							32,352	3,559	S/L	50		647
581	9 - 3/4" METERS DROPPED	6/30/09		4,595							4,595	506	S/L	50		92
582	2 - 1" METERS SET	9/30/09		2,909							2,909	305	S/L	50		58
587	2-1" METERS SET	4/30/10		2,913							2,913	271	S/L	50		58
588	30 - 3/4" METERS SET	7/01/10		33,866							33,866	3,047	S/L	50		677

12/31/15

2015 Federal Depreciation Schedule

Page 14

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31 AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
597	MASTER MTR - NKWSD	6/22/10		42,351							42,351	4,765	S/L	40		1,059
600	100 METERS PHAS 6 PROJECT	6/08/10		92,983							92,983	8,525	S/L	50		1,860
605	11 - 3/4" METERS DROPPED	7/01/10		5,894							5,894	531	S/L	50		118
606	3 - 1" METERS SET	11/19/10		4,370							4,370	355	S/L	50		87
622	46-3/4" METERS SET	6/30/11		42,786							42,786	2,996	S/L	50		856
623	8-3/4" METERS DROPPED	6/30/11		4,000							4,000	280	S/L	50		80
624	1-1" METER SET	7/20/11		1,311							1,311	89	S/L	50		26
625	1-2" METER SET-SPEEDWAY	3/03/11		3,171							3,171	242	S/L	50		63
635	1-2" MTR - CHURCH-VIOLET	2/28/12		3,232							3,232	184	S/L	50		65
636	1-4" MTR IN FIRE PIT-CHUR	3/31/12		5,166							5,166	283	S/L	50		103
637	3-1" METERS SET	6/30/12		3,643							3,643	182	S/L	50		73
638	51 - 3/4" METERS SET	6/30/12		41,767							41,767	2,088	S/L	50		835
639	7 - 3/4" METERS DROPPED	6/30/12		2,962							2,962	148	S/L	50		59
673	27 - 3/4" METERS SET	7/01/13		21,902							21,902	657	S/L	50		438
674	4 - 3/4" METERS DROPPED	7/01/13		1,698							1,698	51	S/L	50		34
675	5 - 1" METERS SET	7/01/13		6,107							6,107	183	S/L	50		122
703	29 - 3/4" MTRS SET BY BPWD	7/01/14		23,465							23,465	235	S/L	50		469
704	8 - 3/4" MTRS DROPPED	7/01/14		3,396							3,396	34	S/L	50		68
705	2 - 1" METERS SET BY BPWD	7/01/14		2,443							2,443	24	S/L	50		49
Total METERS				4,064,102		0	0	0	0	0	4,064,102	1,117,041				81,025
OTHER PLANT & MISCELLANEOUS EQUIP - T&D																
292	AIR HAMMER AND 1" CHISEL	10/09/96		549							549	549	S/L	5		0
293	MODEL 580L BACKHOE LOADER	9/22/97		41,305							41,305	41,305	S/L	5		0
294	1998 TELEMETRY SYSTEM	12/31/98		121,467							121,467	121,467	S/L	15		0
295	TAPPING MACHINE	3/31/99		8,690							8,690	8,690	S/L	5		0

12/31/15

2015 Federal Depreciation Schedule

Page 15

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
323	PIPE RACKS	4/15/00		636							636	636	S/L	5		0
324	12" BUCKET FOR 580 CASE	4/17/00		698							698	698	S/L	5		0
357	NKWSO MASTER METER TELEME	12/31/01		9,358							9,358	8,112	S/L	15		624
383	TELEMETRY -NKWSO MSTR MTR	2/28/02		5,415							5,415	3,916	S/L	15		361
453	BOOSTER PUMP- SPARE	12/16/04		2,280							2,280	2,280	S/L	5		0
465	HOOK UP BOOSTER PUMPS 1&2	3/09/05		4,476							4,476	2,931	S/L	15		298
466	50 HP BOOSTER PUMP #1	4/29/05		2,482							2,482	1,595	S/L	15		165
473	3 - 1" CENTRIFUGAL PUMPS	10/20/05		945							945	945	S/L	5		0
541	WATER SALESMAN-VERONA LS	9/28/07		1,390							1,390	1,390	S/L	5		0
598	TELEMETRY-PHASE 6	12/08/10		75,475							75,475	20,547	S/L	15		5,032
611	1/2 OF MAP SYNC GPS	1/27/11		4,934							4,934	1,931	S/L	10		493
612	METER READING EQUIPMENT	2/28/11		6,050							6,050	3,864	S/L	6		1,008
640	PRESSURE LOGGER	6/26/12		1,371							1,371	685	S/L	5		274
641	BOOSTER PUMP #2	7/30/12		4,047							4,047	1,397	S/L	7		578
642	PRESSURE LOGGER	9/26/12		925							925	416	S/L	5		185
648	RADIO & REPEATER	10/23/12		2,607							2,607	565	S/L	10		261
666	PRESSURE LOGGER	6/04/13		632							632	200	S/L	5		126
667	PRESSURE LOGGER	6/24/13		528							528	159	S/L	5		106
686	TELEMETRY UPGRADE	1/31/14		22,440							22,440	1,371	S/L	15		1,496
687	LEAK DETECTION EQUIPMENT	8/05/14		3,725							3,725	155	S/L	10		373
696	TELEMETRY CRITTENDEN TOWE	1/15/14		30,393							30,393	2,026	S/L	15		2,026
698	491 GENERATOR	1/15/14		20,975							20,975	1,049	S/L	20		1,049
708	CL2 CHLORINE ANALYZER-SHE	12/19/14		3,213							3,213		S/L	8		402
709	CL2 CHLORINE ANALYZER-BAT	12/19/14		3,213							3,213		S/L	8		402
Total OTHER PLANT & MISCELLAN				380,219		0	0	0	0	0	380,219	228,879				15,259

12/31/15

2015 Federal Depreciation Schedule

Page 16

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr
OTHER PLANT & MISCELLANEOUS EQUIP - WTP																
288	10 KW ELEC UNIT HEATER	1/04/95		504							504	504	S/L	5		0
289	10 KW ELECT UNIT HEATER	2/06/95		525							525	525	S/L	5		0
290	44 AP-3 2" FIRE DIS. HOSE	3/09/95		235							235	235	S/L	5		0
291	10 KW ELECTRIC UNIT HEATE	2/02/96		444							444	444	S/L	5		0
322	STORAGE TANK FOR ALUM	7/15/00		1,583							1,583	1,583	S/L	10		0
347	PRESSURE WASHER C-W 2500	8/30/01		1,550							1,550	1,550	S/L	5		0
382	CHLORINE ANALYZER	3/04/02		2,882							2,882	2,882	S/L	5		0
464	CHLORINE DETECTOR	4/29/05		1,521							1,521	1,521	S/L	5		0
539	DRUM HUSTLER - WTP	6/13/07		616							616	616	S/L	5		0
540	DR 2800 SPECTROMETER	10/18/07		3,259							3,259	3,259	S/L	5		0
566	1/2 OF DETROIT GENERATOR	3/20/08		20,341							20,341	6,865	S/L	20		1,017
595	BACKUP PLANT COMPUTER	5/31/10		718							718	64	S/L	50		14
631	EYE WASH STATION - PLANT	11/30/11		844							844	259	S/L	10		84
643	PLANT TELEMETRY COMPUTER	2/07/12		3,383							3,383	1,974	S/L	5		677
662	TRANSFORMER - PLANT	4/05/13		6,307							6,307	441	S/L	25		252
683	TRANSFER SWITCH	4/09/14		9,352							9,352	468	S/L	15		623
684	SOFT START FOR FLASH MIX	3/27/14		788							788	39	S/L	15		53
685	BACKUP TELEM COMPUTER-PLA	7/15/14		3,168							3,168	317	S/L	5		634
694	PERMANGENATE PUMP	12/18/14		2,274							2,274		S/L	8		284
Total OTHER PLANT & MISCELLAN				60,294		0	0	0	0	0	60,294	23,546				3,638
PUMPING EQUIPMENT																
29	8" MEASURING CHAMBER GALL	11/25/93		1,178							1,178	1,178	S/L	10		0
30	PUMP VALVE:CONTROL @ PLT	11/18/94		2,359							2,359	2,359	S/L	15		0

12/31/15

2015 Federal Depreciation Schedule

Page 17

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31 AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
31	DOUBLE THROW SWITCH	12/16/94		1,742							1,742	1,742	S/L	15		0
32	PUMP & PANEL INSTALLATION	4/30/98		1,096							1,096	1,096	S/L	15		0
33	TRASH PUMP	5/28/98		1,830							1,830	1,830	S/L	15		0
34	CONTROL PANEL	8/18/98		4,044							4,044	4,044	S/L	15		0
35	INSTALL NEW MOTOR STARTER	8/26/98		1,488							1,488	1,488	S/L	5		0
36	BACKWASH PUMP	4/14/99		2,351							2,351	2,351	S/L	15		0
37	HOSES	10/04/99		1,775							1,775	1,775	S/L	15		0
359	MUDWELL PUMP	2/28/02		3,612							3,612	3,093	S/L	15		241
454	4" TRASH PUMP	8/13/05		2,049							2,049	2,049	S/L	7		0
529	HIGH SERVICE PUMP #1 WTP	7/10/07		10,761							10,761	5,378	S/L	15		717
530	REBUILD HI SERVICE PUMP#2	7/25/07		3,409							3,409	2,529	S/L	10		341
531	NEW EMERG RAW WTR PUMP	8/30/07		4,019							4,019	1,965	S/L	15		268
532	EMERGENCY RAW WTR INTAKE	8/22/07		1,600							1,600	1,173	S/L	10		160
578	REBLD BOOSTER PUMPS 1&SPA	3/26/09		2,926							2,926	2,926	S/L	5		0
610	REBUILD MUDWELL PUMP	6/22/11		2,134							2,134	1,494	S/L	5		427
647	REBUILD MUDWELL PUMP	5/14/12		1,744							1,744	931	S/L	5		349
678	STARTER - MUDWELL PUMP	3/28/14		1,612							1,612	81	S/L	15		107
679	NEW MOTOR-RAW WTR PUMP #3	4/17/14		1,738							1,738	77	S/L	15		116
680	REBEARING-RAW WTR PUMP #3	5/13/14		525							525	23	S/L	15		35
Total PUMPING EQUIPMENT				53,992		0	0	0	0	0	53,992	39,582				2,761
STRUCTURES & IMPROVEMENTS - GP																
7	OFFICE BUILDING	12/01/88		100,878							100,878	52,631	S/L	50		2,018
17	PAVE DRIVEWAY & PARKING L	9/16/91		11,568							11,568	11,568	S/L	15		0
18	NEW SIGN	6/01/93		4,489							4,489	4,231	S/L	20		0
21	GRAVEL STORAGE AREA AT OF	11/05/93		596							596	596	S/L	20		0

12/31/15

2015 Federal Depreciation Schedule

Page 18

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
22	CHAINLINK FENCE @ STORAGE	11/05/93		1,670							1,670	1,670	S/L	20		0
25	STORAGE BUILDING	7/31/97		54,207							54,207	18,880	S/L	50		1,084
26	CONFERENCE ROOM-OFFICE BL	12/31/98		8,194							8,194	3,177	S/L	40		205
28	CONCRETE WORK AT GARAGE	7/01/99		4,414							4,414	3,425	S/L	20		221
309	TOOL BUILDING	9/30/00		12,317							12,317	3,506	S/L	50		246
416	FILE ROOM - DIST OFFICE	9/30/04		2,530							2,530	646	S/L	40		63
500	OFFICE IN GARAGE	2/28/06		1,021							1,021	229	S/L	40		26
565	FENCE @ OFFICE DUMPSTER	8/15/08		1,347							1,347	430	S/L	20		67
584	FURNACE & AC FOR OFFICE	5/13/10		7,000							7,000	1,633	S/L	20		350
620	NEW OFFICE FLOORING	8/10/11		4,825							4,825	1,650	S/L	10		483
627	DRIVE THRU WINDOW	8/31/11		38,785							38,785	4,310	S/L	30		1,293
630	DRIVE THRU WINDOW SIGNS	10/31/11		3,995							3,995	633	S/L	20		200
654	BREAKROOM AT SHOP	12/31/13		1,269							1,269	32	S/L	40		32
Total STRUCTURES & IMPROVEM				259,105		0	0	0	0	0	259,105	109,247				6,288
STRUCTURES & IMPROVEMENTS - SS&P																
3	ENCLOSING SETTLING BASIN	7/01/79		96,207							96,207	67,343	S/L	50		1,924
Total STRUCTURES & IMPROVEM				96,207		0	0	0	0	0	96,207	67,343				1,924
STRUCTURES & IMPROVEMENTS - T&D																
4	FENCE AT SHERMAN TOWER	7/01/88		4,292							4,292	4,292	S/L	20		0
11	SECURITY LIGHT AT LOAD ST	11/15/89		125							125	125	S/L	10		0
12	WATER SALESMAN-CRITTENDEN	10/09/89		968							968	968	S/L	7		0
14	FARBORO MOD 841 TANK TRA	10/18/90		864							864	864	S/L	10		0
15	PRES TRANSDUCER CONVERT B	12/24/90		517							517	517	S/L	10		0

12/31/15

2015 Federal Depreciation Schedule

Page 19

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr	Salvage /Basis Reductn	Depr. Basis	Prior Depr	Method	Life	Rate	Current Depr
16	FENCE AROUND VERONA TOWER	6/07/91		2,446							2,446	2,446	S/L	20		0
387	FENCE - CRITTENDEN TOWER	6/01/03		4,515							4,515	2,618	S/L	20		226
697	FENCING CRITTENDEN TOWER	1/15/14		24,486							24,486	1,224	S/L	20		1,224
Total STRUCTURES & IMPROVEM				38,213		0	0	0	0	0	38,213	13,054				1,450
STRUCTURES & IMPROVEMENTS - WTP																
1	WATER TREATMENT PLANT	7/01/62		72,390							72,390	72,390	S/L	50		0
2	ENCLOSING SETTLING BASIN	7/01/79		538,840							538,840	377,191	S/L	50		10,777
5	SEPTIC TANK AT PLANT	6/01/88		1,126							1,126	1,126	S/L	15		0
6	WATER TREATMENT PLANT REN	6/01/88		505,810							505,810	268,076	S/L	50		10,116
8	FENCE AT PLANT	1/09/89		4,067							4,067	4,067	S/L	20		0
9	UTILITY BUILDING AT PLANT	4/18/89		500							500	259	S/L	50		10
10	SPROCKETS & CHAIN	12/13/89		1,754							1,754	1,754	S/L	7		0
13	HEATERS FOR PLANT	12/04/89		1,538							1,538	1,539	S/L	10		0
19	D-400 DOOR	11/05/93		442							442	442	S/L	20		0
20	CONCRETE PAD FOR CHEMICAL	12/17/93		153							153	153	S/L	20		0
23	RETAINING WALL AT PLANT	3/17/95		826							826	813	S/L	20		13
24	BUILDING AT PLANT	12/01/97		17,041							17,041	5,825	S/L	50		341
27	PLANT REMODELING	5/01/98		1,879							1,879	1,567	S/L	20		94
305	UNIT HEATER	1/21/00		714							714	714	S/L	10		0
306	ELECTRICAL REPAIRS	2/07/00		3,570							3,570	2,670	S/L	20		179
307	2 PLANT HEATERS	2/07/00		920							920	920	S/L	10		0
308	STORAGE BUILDING	10/15/00		2,441							2,441	698	S/L	50		49
415	PLANT ROOF REPLACEMENT	11/22/04		1,931							1,931	978	S/L	20		97
528	RETAINING WALL AT PLANT	6/25/07		10,182							10,182	3,818	S/L	20		509
563	GATE AT WATER PLANT	4/30/08		1,048							1,048	700	S/L	10		105

12/31/15

2015 Federal Depreciation Schedule

Page 20

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr	Salvage /Basis Reductio	Depr. Basis	Prior Depr	Method	Life	Rate	Current Depr
564	FENCE AT WATER PLANT	9/30/08		3,876							3,876	1,213	S/L	20		194
649	GENERATOR DISCONNECT	4/25/12		3,920							3,920	208	S/L	50		78
655	HEATER AT PLANT	3/31/13		6,917							6,917	1,211	S/L	10		692
677	FENCE AT REAR OF PLANT	4/10/14		1,942							1,942	73	S/L	20		97
Total STRUCTURES & IMPROVEM				1,183,827		0	0	0	0	0	1,183,827	748,405				23,351
TOOLS, SHOP & GARAGE EQUIPMENT																
213	HUSQUANA SAW	5/22/89		250							250	250	S/L	5		0
214	36" MESH ROAD CONST SIGN	10/02/91		380							380	380	S/L	5		0
215	CUT OFF SAW	3/27/92		666							666	666	S/L	5		0
216	PUMPS AND HOSES; CLAMPS	12/07/93		481							481	481	S/L	5		0
217	DRUM-N-BARREL TRUCK	1/05/94		265							265	265	S/L	5		0
218	COLEMAN POWERMATE GENERAT	5/02/94		572							572	572	S/L	5		0
219	HAMMERHEAD MOLE	8/12/94		3,786							3,786	3,786	S/L	5		0
220	RADIO SYS-ANTENNA & WIRE	5/31/94		2,027							2,027	2,027	S/L	10		0
221	RATCHET, SHANK, ADAPT@TAP	7/08/94		405							405	405	S/L	5		0
222	INGERSOL PORT AIR COMPRE	11/06/94		9,850							9,850	9,850	S/L	10		0
223	DISTRICT SPECIFICATION MA	12/03/94		1,397							1,397	1,397	S/L	5		0
224	DISTRICT SPECIF MANUAL-AD	1/01/95		113							113	113	S/L	5		0
225	AIRLESS PAINT SPRAYER	6/02/95		129							129	129	S/L	5		0
226	1/2" HAMMER DRILL KIT	10/17/95		133							133	133	S/L	5		0
227	1/2" WIRE ROPE SLING	11/02/96		336							336	336	S/L	5		0
228	SOCKET SET THRU BOLT	2/24/97		251							251	251	S/L	5		0
229	MAGNETIC LOCATER	6/19/97		705							705	705	S/L	5		0
230	WRENCHES (SEARS)	9/29/98		587							587	587	S/L	5		0
328	STORAGE RACKS	1/31/00		883							883	883	S/L	10		0

12/31/15

2015 Federal Depreciation Schedule

Page 22

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Prt.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
61	LOWER LINE-OSCAR PERKINS	8/11/94		315							315	124	S/L	50		6
62	PORTER ROAD EXTENSION	8/26/94		2,188							2,188	894	S/L	50		44
63	RELOCATE 200' OF 4" MAIN	9/26/94		404							404	162	S/L	50		8
64	1650 LF OF 6" MAIN HIGH V	11/29/94		7,380							7,380	2,971	S/L	50		148
65	1000 LF OF 6" MAIN-GREENV	11/29/94		5,100							5,100	2,049	S/L	50		102
66	3200 LF OF 6" MAIN-GRANT	11/04/94		13,665							13,665	5,507	S/L	50		273
67	5550 LF OF 6" MAIN INDIAN	11/08/94		23,760							23,760	9,580	S/L	50		475
68	2100 LF OF 6" MAIN-WYNNLY	3/01/94		9,045							9,045	3,770	S/L	50		181
69	30 LF OF 6" MAIN-CASE LA	1/12/95		608							608	240	S/L	50		12
70	CONNECT MAIN-STEERS ESTAT	8/31/95		563							563	214	S/L	50		11
71	HOOKUP TO LINE EXTENSION	11/17/95		1,321							1,321	499	S/L	50		26
72	3000 LF OF 6" MAIN-HARVES	4/25/95		16,200							16,200	6,372	S/L	50		324
73	800 LF OF 6" MAIN-AARON'S	10/19/95		4,530							4,530	1,747	S/L	50		91
74	2500 LF OF 6" MAIN-GEORGE	8/15/95		13,650							13,650	5,289	S/L	50		273
75	ROAD BORE & PIPE REPLACE	12/19/96		17,149							17,149	6,188	S/L	50		343
76	227405 LF OF 6" MAIN	6/11/96		1,666,294							1,666,294	617,919	S/L	50		33,326
77	4800 LF OF 6" MAIN HARVES	7/15/96		26,055							26,055	9,617	S/L	50		521
78	675 LF OF 6" MAIN-KENNY M	9/15/96		3,893							3,893	1,426	S/L	50		78
79	1750 LF OF 6" MAIN STURS	10/12/96		9,375							9,375	3,421	S/L	50		188
80	ADD'L COST OF PIPE RPLMT	1/01/97		1,407							1,407	504	S/L	50		28
81	1200 LF OF 4" MAIN-CATLET	3/18/97		6,326							6,326	2,195	S/L	50		127
82	660 LF OF 12" MAIN AT PLA	10/23/97		15,910							15,910	5,473	S/L	50		318
83	1600 LF OF 6" MAIN & 6 GT	10/09/97		9,510							9,510	3,278	S/L	50		190
84	3500 LF OF 6" MAIN & 7 GA	9/12/97		19,425							19,425	6,725	S/L	50		389
85	39,030 LF OF 6" MAIN PHS	6/06/97		267,937							267,937	94,228	S/L	50		5,359
86	DAY RD EXTENSION	7/17/98		543							543	181	S/L	50		11
87	VERONA MT ZION RD	12/31/98		9,156							9,156	2,928	S/L	50		183

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
88	20,180 LF 6" MN & 40 VALV	7/01/98		117,616							117,616	38,808	S/L	50		2,352
89	CLOSE OUT PHASE III	2/28/99		3,014							3,014	950	S/L	50		60
90	MAIN LINE WATER TAP	2/28/99		1,144							1,144	364	S/L	50		23
91	VIOLET ROAD 12" LINE	7/01/99		14,669							14,669	4,657	S/L	50		293
92	TAPPING VALVE SLEVE-FLATC	4/19/99		635							635	204	S/L	50		13
93	9,580 LF 6" MN & 27 VALV	7/09/99		68,010							68,010	21,080	S/L	50		1,360
97	LOWER MAIN	7/01/91		158							158	72	S/L	50		3
98	CROSSOVER-GRANTLAND EST	6/10/91		875							875	419	S/L	50		18
99	TAP IN AT SIPPLE RD FOR E	12/09/91		1,060							1,060	485	S/L	50		21
100	TAP IN LEE HI SUBDIVISION	12/15/91		1,094							1,094	521	S/L	50		22
101	EXTEND WATER LINE-OLD LEX	3/15/92		1,631							1,631	748	S/L	50		33
102	RYLE ROAD EXTENSION	10/21/92		3,577							3,577	1,593	S/L	50		72
103	LINE REPLCMT-CRITT MT ZIO	10/07/92		11,251							11,251	4,997	S/L	50		225
104	LINE REPLCMT-SHERMAN-NEWT	11/10/92		3,425							3,425	1,524	S/L	50		69
105	WATER MAIN EXPANSION-1992	10/13/92		762,478							762,478	338,674	S/L	50		15,250
106	160' OF 6" LINE-ALEXANDR	5/18/93		544							544	237	S/L	50		11
107	CUT IN VALVE AT VERONA	5/18/93		1,161							1,161	499	S/L	50		23
108	2080' OF 6" LINE MORGAN	8/26/93		5,961							5,961	2,540	S/L	50		119
109	LOWER LINE BY REPLACT	10/15/93		2,430							2,430	1,037	S/L	50		49
110	WATER MAIN EXTENSION	11/01/93		66,607							66,607	28,194	S/L	50		1,332
111	6" MAIN IN GRANTLAND	9/15/93		1,722							1,722	726	S/L	50		34
112	650 LF OF 6" MAIN-LECHI S	1/01/93		2,665							2,665	1,168	S/L	50		53
113	2400 LF OF 6" MAIN-MCCLOR	1/01/93		9,840							9,840	4,333	S/L	50		197
114	1850 LF OF 6" MAIN-GRANTL	1/01/93		7,585							7,585	3,342	S/L	50		152
115	600 LF OF 6" MAIN-LECHI	9/25/93		2,460							2,460	1,042	S/L	50		49
116	2700 LF OF 6" MAIN-HAVEST	10/01/93		11,070							11,070	4,698	S/L	50		221
117	2100 LF OF 6" MAIN-PIN HO	2/14/93		8,610							8,610	3,764	S/L	50		172

12/31/15

2015 Federal Depreciation Schedule

Page 24

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
118	620 LF OF 6" MAIN-HARVEST	11/01/93		2,542							2,542	1,079	S/L	50		51
119	3500 LF OF 6" MAIN-COUNTR	11/04/93		14,350							14,350	6,075	S/L	50		287
120	2900 LF OF 6" MAIN-SILVER	1/01/93		11,890							11,890	5,225	S/L	50		238
121	2575 LF OF 6" MAIN-SHERMA	2/20/93		10,557							10,557	4,608	S/L	50		211
122	3700 LF OF 6" MAIN-MALLAR	7/01/93		15,170							15,170	6,517	S/L	50		303
123	2 6" GATE VALVES-VERONA	1/01/94		457							457	190	S/L	50		9
124	BACKFLOW PREVENTOR	6/01/94		521							521	208	S/L	50		10
125	8,450 LF -WTR DIST PIPES	7/01/62		18,027							18,027	18,027	S/L	50		0
126	100,806 LF OF T & D MAINS	7/01/62		215,056							215,056	215,056	S/L	50		0
127	ADDITIONS TO LINES	7/01/68		8,613							8,613	8,092	S/L	50		172
128	ADDITIONS TO LINES	7/01/69		2,841							2,841	2,616	S/L	50		57
129	ADDITIONS TO LINES	7/01/70		4,692							4,692	4,226	S/L	50		94
130	ADDITIONS TO LINES	7/01/71		13,786							13,786	12,136	S/L	50		276
131	ADDITIONS TO LINES	7/01/72		8,860							8,860	7,616	S/L	50		177
132	ADDITIONS TO LINES	7/01/73		6,780							6,780	5,702	S/L	50		136
133	ADDITION TO LINES	7/01/74		3,322							3,322	2,717	S/L	50		66
134	ADDITIONS TO LINES	7/01/75		678							678	523	S/L	50		14
135	TRANSMISSION LINES	7/19/79		1,055,224							1,055,224	738,111	S/L	50		21,104
136	METERS	7/01/81		12,875							12,875	8,633	S/L	50		258
137	METERS 40 X 257.50	7/01/82		10,300							10,300	6,695	S/L	50		206
138	VIOLET RD FEEDER	7/01/83		141,000							141,000	90,240	S/L	50		2,820
139	RECONSTRUCT WATER LINE	7/01/84		15,984							15,984	9,915	S/L	50		320
140	OFFICE DOOR	5/01/85		620							620	620	S/L	10		0
141	620 FT 6" MAIN-LEMON NORT	6/01/86		2,799							2,799	1,596	S/L	50		56
142	CONSTRUCTION COMPLETED	4/01/86		473,962							473,962	272,524	S/L	50		9,479
143	TURBIDIMETER	7/01/86		1,211							1,211	1,211	S/L	50		0
144	6" MAIN-VIOLET RD & I-75	9/01/87		6,254							6,254	3,362	S/L	50		125

12/31/15

2015 Federal Depreciation Schedule

Page 25

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31 AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
145	4600' OF 6" MAIN-ECKLER R	12/01/87		5,336							5,336	2,894	S/L	50		107
146	DELPH ROAD LINE-600'	5/01/88		5,980							5,980	3,185	S/L	50		120
147	2000' 6" LINE-BLACKWELL E	7/01/88		4,900							4,900	2,597	S/L	50		98
148	CENTER RIDGE PROJECT	8/01/88		2,600							2,600	1,369	S/L	50		52
149	POOLE & STEVENSON RD	10/31/88		37,804							37,804	19,720	S/L	50		756
150	1500' OF 6" LINE-SHERMAN	8/07/89		5,129							5,129	2,619	S/L	50		103
151	BLOW OFF HYDRANTS	6/30/89		9,542							9,542	4,892	S/L	50		191
152	BLOW OFF HYDRANTS-DAY	1/08/90		485							485	247	S/L	50		10
153	2112' OF 6" LINE U.S. 25	3/08/90		1,080							1,080	542	S/L	50		22
154	UPGRADE LINE SIZE TO 6"	6/18/90		1,418							1,418	689	S/L	50		28
155	1500' OF 6" LINE-WATER MA	6/20/90		885							885	438	S/L	50		18
156	1500' OF 6" LINE & 10 MET	8/14/90		842							842	412	S/L	50		17
157	WARSAW RD CONSTRUCTION	6/01/90		726,020							726,020	356,953	S/L	50		14,520
310	RPLCE RECEPTION CENTER LN	2/21/00		1,184							1,184	356	S/L	50		24
311	4750' BLUEGRASS EST II	7/01/00		34,810							34,810	10,092	S/L	50		696
312	KNOXVILLE ROAD	12/01/00		63,489							63,489	17,886	S/L	50		1,270
313	I-75 WATERLINE CROSSING	12/01/00		67,287							67,287	18,956	S/L	50		1,346
332	4170' LEX TRAILS I	7/01/00		30,750							30,750	8,918	S/L	50		615
333	725' COUNTRY CLUB CARLA C	7/01/00		5,465							5,465	1,581	S/L	50		109
334	1300' GREENVIEW	7/01/00		9,880							9,880	2,871	S/L	50		198
335	750' HARVESTERS SEC 6	7/01/00		5,640							5,640	1,638	S/L	50		113
336	1166' SILVER RIDGE	7/01/00		8,552							8,552	2,480	S/L	50		171
337	6500' WALNUT MANOR	7/01/00		46,280							46,280	13,427	S/L	50		926
341	285' OF 6" LINE-VERONA CM	7/01/01		4,845							4,845	1,309	S/L	50		97
342	1637' OF 6" LINE-AULBACHS	7/01/01		12,409							12,409	3,348	S/L	50		248
343	FARRELL RD-12" LINE TO TW	7/01/01		14,268							14,268	3,848	S/L	50		285
344	I-75 UTIL RELOCATION	7/01/01		1,399							1,399	378	S/L	50		28

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
360	2235'-12" & 16950'-8"-491E	6/12/02		402,284							402,284	101,245	S/L	50		8,046
361	HWY 14 LINE RELOCATION	12/15/02		192,669							192,669	46,557	S/L	50		3,853
362	2270'-6"+2 GV MULLIGAN RD	7/01/02		16,840							16,840	4,212	S/L	50		337
363	2350'-6"+3 GV GREENVIEW	7/01/02		17,875							17,875	4,475	S/L	50		358
364	1750'-6"+2 GV LEX TRAILS	7/01/02		13,200							13,200	3,300	S/L	50		264
365	1450'-6"+2 GV SHADY LANE	7/01/02		10,625							10,625	2,662	S/L	50		213
366	1280'-6"+4 GV CLAIRBORNE	7/01/02		10,860							10,860	2,713	S/L	50		217
367	1100'-6"+2 GV EZ STOP II	7/01/02		8,650							8,650	2,163	S/L	50		173
368	122481' OF 6" PHASE V	11/04/02		1,056,037							1,056,037	256,972	S/L	50		21,121
369	FOUR CORNERS LINE RELOCAT	8/01/02		31,585							31,585	7,847	S/L	50		632
389	360' @ 8" LINE-KNOX/GREEN	7/01/03		15,311							15,311	3,519	S/L	50		306
390	1130' 6" PVC-DEER RUN III	6/30/03		8,410							8,410	1,932	S/L	50		168
391	1300' PVC+2000' DI-FORD M	6/30/03		41,600							41,600	9,568	S/L	50		832
392	2910' 6" PVC-PORTER PLANT	6/30/03		22,870							22,870	5,256	S/L	50		457
393	1400' @ 6" PVC CASON LANE	6/30/03		10,800							10,800	2,484	S/L	50		216
394	450' @ 6" PVC-SOUTH COURT	6/30/03		3,650							3,650	840	S/L	50		73
395	2140' @ 6" PVC-STEERS EST	6/30/03		16,980							16,980	3,910	S/L	50		340
396	800' @ 6" PVC-CLAIRBOR III	6/30/03		7,100							7,100	1,633	S/L	50		142
397	PHASE 5A - WATERLINES	10/16/03		204,602							204,602	45,694	S/L	50		4,092
398	1312' @ 8"+468' @ 12" DR CON	4/19/03		121,828							121,828	28,431	S/L	50		2,437
419	ADD'L COST - PHASE 5A	2/04/04		1,940							1,940	426	S/L	50		39
420	1-71 WEIGH STATION	4/23/04		80,808							80,808	17,237	S/L	50		1,616
421	LINES-1999 DWSRF-FED FUND	8/02/04		628,602							628,602	130,958	S/L	50		12,572
431	SHERMAN TANK LINE IMPROVE	10/25/04		20,586							20,586	4,189	S/L	50		412
432	1800'-8" PVC SCROG/SPONCIL	8/31/04		16,482							16,482	3,410	S/L	50		330
433	3200'-6" PVC MANOR ESTATES	12/31/04		25,600							25,600	5,120	S/L	50		512
434	2200'-6" PVC-MAPLE RIDGE	12/31/04		17,600							17,600	3,520	S/L	50		352

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31 AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
435	600'-6"PVC+2 G VAL/ALEXIS	12/08/04		5,800							5,800	1,170	S/L	50		116
436	2400'-6"PVC+1 G VAL/BLAIR	12/31/04		19,700							19,700	3,940	S/L	50		394
437	2300'-6"PVC+4 G VAL/E CRK	12/31/04		20,400							20,400	4,080	S/L	50		408
438	550'-6"PVC+4 G VAL/VER CO	12/31/04		4,400							4,400	880	S/L	50		88
439	1750'-6"PVC+6 G VAL/CLAIB	12/31/04		16,000							16,000	3,200	S/L	50		320
455	ADD'L-1999 DWSRF-FED FUND	1/02/05		4,500							4,500	900	S/L	50		90
476	130,881' OF 8" PVC - PH 7	7/27/05		278,698							278,698	52,488	S/L	50		5,574
479	8,940' OF 6" PVC I-75 W S	8/23/05		129,276							129,276	24,136	S/L	50		2,586
483	1422' 6" PVC STEPHEN RES	4/11/05		10,807							10,807	2,106	S/L	50		216
484	4 GATE VALVES STEPHEN RES	4/11/05		2,340							2,340	458	S/L	50		47
486	3650' @ 6"PVC-FAIRVIEW RD	11/01/05		21,900							21,900	4,015	S/L	50		438
487	3 GATE VALVES-FAIRVIEW RD	11/01/05		1,755							1,755	321	S/L	50		35
489	4342'@6" PVC-SALEM CREEK	6/06/05		26,052							26,052	4,993	S/L	50		521
490	15 GATE VALVES-SALEM CREEK	6/06/05		8,775							8,775	1,686	S/L	50		176
492	3200'@6"PVC-EAGLE OAK SUB	3/31/06		19,550							19,550	3,421	S/L	50		391
493	4 GATE VALVES-EAGLE OAK	3/31/06		2,340							2,340	411	S/L	50		47
496	660'@6"PVC-FAIRVIEW RD EX	3/31/06		3,960							3,960	691	S/L	50		79
497	1 GATE VALVE-FAIRVIEW RD	3/31/06		585							585	105	S/L	50		12
516	39240' OF 8" MAIN-PH 8	8/15/06		696,483							696,483	117,244	S/L	50		13,930
517	146994' -6" & 1356 8"-PH8	9/21/06		1,627,742							1,627,742	268,579	S/L	50		32,555
518	2300'-6"& 8 G VAL-SMRFLD	12/31/06		18,480							18,480	2,960	S/L	50		370
519	1800'-6"& 7 G VAL-E CRKII	8/01/06		14,895							14,895	2,508	S/L	50		298
520	1700'-6"& 2 VAL-E CRK III	12/31/06		11,275							11,275	1,808	S/L	50		226
524	1100' -12" PVC-WAL/VER S	11/29/06		48,950							48,950	7,914	S/L	50		979
525	8-12" G VALVE-WAL/VER SPD	11/29/06		12,600							12,600	2,037	S/L	50		252
535	1600' -4" WEBB LANE-PH 10	8/22/07		21,614							21,614	3,168	S/L	50		432
536	1817'-8"-DICKERSON-PH 10	8/22/07		49,577							49,577	7,275	S/L	50		992

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow	Prior 179/ Bonus/ Sp. Depr	Prior Dec. Bal. Depr	Salvage /Basis Reductn	Depr. Basis	Prior Depr	Method	Life	Rate	Current Depr
548	4300' - 12" MAIN-SHER SCH	11/21/07		72,097							72,097	10,214	S/L	50		1,442
559	6976' -6" PVC & 8 GV-CUMM	9/10/07		46,536							46,536	6,827	S/L	50		931
560	1800' -6" PVC & 5 GV-ASHL	12/15/07		13,725							13,725	1,948	S/L	50		275
561	1020' -6" PVC-NAP ZION BR	8/01/07		90,242							90,242	13,387	S/L	50		1,805
573	4,560' OF 4" PVC - PH 11	4/10/08		95,601							95,601	12,906	S/L	50		1,912
574	72,768' OF 6" PVC-PH 11	4/10/08		721,739							721,739	97,436	S/L	50		14,435
575	3,078' OF 6" DI -PHASE 11	4/10/08		77,844							77,844	10,510	S/L	50		1,557
583	2220' OF 4" PVC -JUMP RD	10/08/09		13,888							13,888	1,459	S/L	50		278
594	14795'6"18866'8"30587'12"	6/08/10		1,844,753							1,844,753	169,102	S/L	50		36,895
596	PUMP STATION-BAGBY & 25	10/14/10		148,347							148,347	12,610	S/L	50		2,967
601	2290' OF 4" PVC-NORTHFORK	7/12/10		21,945							21,945	1,975	S/L	50		439
603	1500' OF 4" PVC-POOLE RD	12/31/10		17,919							17,919	1,432	S/L	50		358
629	740'-12" LINE UPGR @ OFFI	11/30/11		17,497							17,497	1,079	S/L	50		350
644	960' OF 6" MAIN-DICKERSON	4/20/12		12,429							12,429	664	S/L	50		249
652	RELAY MAIN ON WALLER RD	11/30/12		4,572							4,572	190	S/L	50		91
653	RELAY MAIN ON TAFT HWY	11/30/12		4,950							4,950	206	S/L	50		99
682	B PEN DR-REPLACE 1" W 2"	9/15/14		1,412							1,412	9	S/L	50		28
701	5,645' -8" PVC - CRIT TWR	1/15/14		198,797							198,797	3,976	S/L	50		3,976
Total TRANSMISSION & DISTRIBU				15,917,792		0	0	0	0	0	15,917,792	4,746,039				313,667
WATER TREATMENT EQUIPMENT																
38	2-TWO CYLINDER SCALES	12/13/96		1,060							1,060	1,060	S/L	5		0
39	2 DRUM SCALES	12/13/96		1,890							1,890	1,890	S/L	5		0
40	1-WIZARD INDICATOR AND CA	12/13/96		1,481							1,481	1,481	S/L	5		0
41	WATER TREATMENT EQUIPMENT	7/01/62		11,254							11,254	11,254	S/L	50		0
42	8" RAW WATER METER #1	6/01/88		2,731							2,731	1,426	S/L	50		55

12/31/15

2015 Federal Depreciation Schedule

Page 29

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct.	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
43	3 PHASE VOLTAGE MONITOR-P	4/18/90		1,393							1,393	1,393	S/L	20		0
44	CHLORINE MASK	9/15/93		1,310							1,310	1,310	S/L	10		0
45	ALARM PANEL CHLORINE DETE	9/27/93		680							680	680	S/L	10		0
46	SUBMERSIBLE TRANSDUCER	9/24/93		1,838							1,838	1,838	S/L	10		0
340	RP BACK UP RAW WATER MTR	10/31/01		1,557							1,557	1,369	S/L	15		104
388	FLUORIDE TESTER	12/18/03		848							848	848	S/L	5		0
417	CHLORINE SCALE	1/12/04		778							778	778	S/L	10		0
418	GEAR DRIVE-SETTLING BASIN	8/26/04		7,828							7,828	7,828	S/L	5		0
501	PUMP TO EMPTY BARRELS	2/14/06		995							995	995	S/L	5		0
521	CHLORINE FEEDERS	12/13/06		4,128							4,128	3,338	S/L	10		413
533	NEW FLASH MIXER TANK	3/29/07		11,101							11,101	4,301	S/L	20		555
534	FILTER CONTROL REBUILT	3/23/07		9,543							9,543	7,394	S/L	10		954
562	P H METER	3/04/08		952							952	649	S/L	10		95
585	FLO METER AT WATER PLT	6/15/10		6,875							6,875	3,153	S/L	10		688
586	EFFLUENT METER AT WTR PLT	6/30/10		6,585							6,585	2,965	S/L	10		659
607	POLYMER CHEMICAL PUMP	1/13/11		796							796	636	S/L	5		160
608	GEAR DRIVE ON FLASH MIXER	2/01/11		4,615							4,615	1,809	S/L	10		462
609	FLOURIDE PUMP	3/02/11		781							781	598	S/L	5		156
626	REDO FLOC BASIN #1 AT PLT	8/19/11		7,823							7,823	2,607	S/L	10		782
645	2 SCALES MONITORS	6/08/12		3,564							3,564	1,152	S/L	8		446
646	SODIUM PERMANGENATE PUMP	7/30/12		737							737	355	S/L	5		147
650	LOAD CELL-DEL PAC 2020	10/31/12		794							794	215	S/L	8		99
651	5 TURBIDITY METERS	9/29/12		9,061							9,061	2,039	S/L	10		906
656	EFFLUENT METER AT PLANT	4/16/13		1,200							1,200	200	S/L	10		120
657	FILTER CONTROLLER-PLANT	4/16/13		1,580							1,580	175	S/L	15		105
658	CL2 SCALE	5/10/13		2,597							2,597	433	S/L	10		260
659	REBUILD 587c PUMP	8/23/13		595							595	397	S/L	2		198

Client 2948

BULLOCK PEN WATER DISTRICT

6/25/15

09:31AM

No.	Description	Date Acquired	Date Sold	Cost/ Basis	Bus. Pct	Cur 179 Bonus	Special Depr. Allow.	Prior 179/ Bonus/ Sp. Depr.	Prior Dec. Bal. Depr.	Salvage /Basis Reductn.	Depr. Basis	Prior Depr.	Method	Life	Rate	Current Depr.
668	REBUILD DELOAC PUMP	8/23/13		595							595	397	S/L	2		198
669	REBUILD FLOURIDE PUMP	8/23/13		595							595	397	S/L	2		198
670	REBUILD PERMANGANATE PUMP	8/23/13		595							595	397	S/L	2		198
671	REBUILT MOTOR-FILTER CONT	11/15/13		1,317							1,317	192	S/L	8		165
681	REDO FLOC BASIN #2	3/10/14		12,500							12,500	1,042	S/L	10		1,250
Total WATER TREATMENT EQUIP				124,572		0	0	0	0	0	124,572	68,991				9,373
Total Depreciation				<u>27,840,612</u>		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>27,840,612</u>	<u>8,588,352</u>				<u>589,066</u>
Grand Total Depreciation				<u>27,840,612</u>		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>27,840,612</u>	<u>8,588,352</u>				<u>589,066</u>

EXHIBIT 2

Preliminary Engineering Report



Preliminary Engineering Report

Looped Water Lines, Phase 14

Bullock Pen Water District

Crittenden, Grant County, KY

By

CMW, Inc.
400 E. Vine Street
Suite 400
Lexington, KY 40507

January, 2015



Patrick E.G. Deming
6-17-2015



TABLE OF CONTENTS

1. Project Cost (August 20, 2013)
2. Opinion of Construction Cost (August 20, 2013)
3. DWSRL Application (August 21, 2013)
4. Project Maps (December, 2013)
5. Drinking Water Project Profile (Approved December 12, 2013)
6. DWSRL Review Checklist (November 17, 2014)
7. Drinking Water Construction Application (November, 2014)
8. Opinion of Construction Cost (Revised January 12, 2015)
9. Project Maps (Revised January 12, 2015)

PROJECT COST
BPWD PH – 14 LOOPED WATER LINES REVISED
BULLOCK PEN WATER DISTRICT
AUGUST 20, 2013

1. Construction	\$610,175
2. Legal	\$ 10,000
3. Environmental	\$ 10,000
4. Archeological Study	\$ 4,000
5. Biological Study	\$ 4,000
6. Administration	\$ 10,000
7. Preliminary Engineer	\$ 5,000
8. Engineering Design	\$ 59,187
9. Resident Inspection	\$ 41,248
10. Easements	\$ 20,000
11. PSC Submittal	\$ 15,000
12. Telemetry (Master Meter)	\$ 20,000
13. Contingencies	\$ 60,990
TOTAL PROJECT COST	\$869,600

**OPINION OF PROBABLY COST
BPWD PH 14 – LOOPED WATER LINES REVISED
BULLOCK PEN WATER DISTRICT
AUGUST 20, 2013**

<u>Name</u>	<u>Length</u>	<u>Construction Cost</u>
1. White Chapel / Chipman	0.66 mi	\$107,775
2. Eckler / Independence	0.85 mi	\$116,425
3. Second Master Meter Connection	1.11 mi	\$216,282
4. Mitts / Chipman	0.63 mi	\$88,045
5. Vandlandingham to Osborne	0.50 mi	\$81,648
	3.75 mi	\$610,175



COMMONWEALTH OF KENTUCKY
DRINKING WATER STATE REVOLVING FUND
APPLICATION FOR FINANCIAL ASSISTANCE
FUND F



An Equal Opportunity Employer M/F/D

7. PROJECT DESCRIPTION

A. Describe the project and identify what is being constructed. Briefly explain the need for the project. Refer to Environmental Information Document (EID) if necessary (attach maps).

Construct the following water lines.

1. White Chapel to Chipman Ridge - Construct 0.66 miles of 6 inch water line to connect a dead end line to water main. This will also give a secondary feed to southwest end of District and by feeding in both directions will help keep CL2 level up and reduce flushing.
2. Eckler to Independence – Construction of 0.85 miles of 6 inch water line to connect to dead end water lines. This will give a secondary feed to Knoxville area, reduce flushing, will help keep CL2 levels up and allow for District to take a water tank out of service for maintenance.
3. Second master meter connection with Williamstown – Construct 1.11 miles of water line and master meter to connect with Williamstown water main. This will allow a secondary feed to Stewardsville Tank, help to keep CL2 levels upon southern end of District and reduce flushing.
4. Mitts to Chipman Ridge – Construct 0.63 miles of 6 inch water line to connect a dead end line to a water main. This will provide another feed to southwestern portion of District, will reduce flushing and help keep CL2 levels up.
5. Vanlandingham to Osborne – Construction of 0.63 miles of 6 inch water line to connect two dead end water lines. This will provide a secondary feed to Mt. Zion area and will give the District more flexibility in using more water from Williamstown.

B. Is this project consistent with the EID approved by DOW?

EID has not been prepared.

C. Discuss the environmental benefits that will result from this project.

This project will loop various water lines, reduce the amount of water used for flushing and help keep the CL2 level up in the water lines. Secondary feeds will be established so large sections of customers would not be without water during a water line break.

8. PROJECT SCHEDULE (Indicate Actual or Target dates)

- | | |
|--|--------------------------|
| A. Environmental Information Document submitted to DOW | <u>January 17, 2014</u> |
| B. Plans/Specs submitted to DOW | <u>February 14, 2014</u> |
| C. Bid advertisement | <u>April 15, 2014</u> |
| D. Bid opening | <u>May 6, 2014</u> |
| E. Construction start | <u>August 25, 2014</u> |
| F. Construction completion | <u>November 28, 2014</u> |

9. Does the Public Service Commission (PSC) have jurisdiction over this project?

Yes No

If yes, describe their role and estimated schedule of review:

Since there will be no rate increase approval is estimated at 2 months.

10. Is the system under sanction from any enforcement agency?

Yes No

If yes, describe below, listing amounts and dates of any fines paid to date:

If under enforcement, is the project schedule in accordance with the court order?

Yes No

11. Will the applicant utilize its own workforce to perform any services on the proposed project (Force Account)? Yes No

If yes, you must receive prior approval from DOW.

12. If new service is proposed, will the users have access to a public sewer system? Yes No
If not, how will sewer service be handled?

N/A no new customers

13. **DEMOGRAPHICS**

A. Current Population of Service Area: 23,712

B. Projected Population of Service Area: 5 Year 24,424 20 Year 26,689

C. Number of Households in Service Area remaining unserved: 20

D. Median Household Income of Applicant's Jurisdiction \$ 33,672

Part II – Financial Analysis

1. List all sources of water. If water is received from another system, describe the contractual relationship (e.g.; usage, price per gallon) and attach a copy of the agreement.

North Kentucky Water District - \$3.20 per 1000 gal. – min 300,000 gpd, max 750,000 gpd
Boone County Water District - \$3.39 per 1000 gal. – min 100,000 gal. max 500,000 gal
City of Walton - \$4.16 per 1000 gal. – max 100,000 gal
City of Williamstown - \$2.63 per 1000 gal.- min 150,000 gpd, max 500,000 gpd

2. Is the applicant's water being treated by another system? Yes No
 If yes, describe the contractual relationship (e.g.; usage, price per gallon) and attach a copy of the agreement.

North Kentucky Water District - \$3.20 per 1000 gal. – min 300,000 gpd, max 750,000 gpd
Boone County Water District - \$3.39 per 1000 gal. – min 100,000 gpd. max 500,000 gpd
City of Walton - \$4.16 per 1000 gal. – max 100,000 gpd
City of Williamstown - \$2.63 per 1000 gal.- min 150,000 gpd, max 500,000 gpd

3. Does the applicant treat another system's water? Yes No
 If yes, describe the contractual relationship (e.g.; usage, price per gallon) and attach a copy of the agreement.

4. Does the applicant supply water to any other system/community? Yes No
 If yes, complete the following and attach a copy of the agreement:

<u>Community</u>	<u># of Customers</u>	<u>Revenue Derived</u>
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

5. A. Number of entities currently served (Please answer with exact number):
6421 Residential 343 Commercial 5 Industrial

B. Number of entities to be added to customer base as a result of proposed project (qualify if numbers are approximate).

No. of **Residential** Area: _____
0 _____

No. of **Commercial** Area: _____

No. of **Industrial** Area: _____

C. Attach evidence of new customers' willingness to connect, such as signup sheets, letters of interest or news articles.

D. If legal action is required to force connection, under what legal authority will it be accomplished?
N/A

6. **RATE STRUCTURE** (attach 2 copies each of current and proposed water **and** wastewater rate ordinances)

A. Date of last rate adjustment/amount of adjustment for an average residential customer.

Water: \$8.80 / 1,000 gal Date: 12/01/2009

Wastewater: \$ _____ / 1,000 gal Date: _____

Note: If billing is based on cubic feet please convert to gallons.

B. Current monthly charge for 4,000 gallons.

Water: \$44.19 / 4,000 gal

Wastewater: \$ _____ / 4,000 gal

C. Have any public meetings been held on the proposed project for rate increases? Yes No
If yes, attach a copy of the minutes.

D. Do any users provide more than 5% of the service revenue for the system? Yes No
If yes, list below:

Name	% Service Revenue
_____	_____
_____	_____
_____	_____

7. List any proposed new businesses or housing developments in your service area including projected start date, anticipated usage and revenue impact.

None

8. Who performs service billings and collection services? If not the applicant, explain and provide a copy of any agreements.

Applicant

9. How many present or proposed customers have unmetered service? None
How will their services be billed?

10. Are revenues and expenses for the system accounted for separately? Yes No
If no, explain accounting procedures used: _____

SEPARATION OF ACCOUNTS IS REQUIRED FOR LOAN APPROVAL

11. A. Is the applicant required to have an annual audit performed? Yes No
If not, explain below:

B. What is the date of the last audit completed? 12/31/12

C. Provide two copies of each of the last three annual audit reports and/or the audited financial statements.

12. How does the applicant anticipate paying the increased debt service, operation and maintenance expenses required for this loan (e.g.; existing revenues, increased customers, higher rates or other special assistance)?

Existing revenue.

13. Please calculate additional operation and maintenance expenses needed for first year of operation.

<u>O & M</u> <u>as of last audit</u>	<u>O & M</u> <u>first year of operation</u>	<u>Difference</u>
\$1,789,893	\$1,789,893	0

14. Describe any operating expense changes that will occur as a result of this project.
No additional cost. The additional maintenance on 3.75 miles of water line will be more than offset by the reduction in flushing.
-
-
-

15. Provide the following information for any state or federal funds for water and wastewater construction projects received during the past five years.

<u>Date Awarded</u>	<u>Project</u>	<u>Funding Source</u>	<u>Amount</u>	<u>Type of Assistance</u>
<u>05/08</u>	<u>Phase 6</u>	<u>KIA</u>	<u>\$ 2,192,700</u>	<u>Loan</u>
<u>07/08</u>	<u>Phase 11 (2008)</u>	<u>KIA</u>	<u>\$ 50,000</u>	<u>Grant</u>
<u>2012</u>	<u>Phase 12</u>	<u>DWSRF</u>	<u>\$ 1,796,300</u>	<u>Loan</u>

16. Please calculate the amount of funds to be set aside annually for replacement costs. This amount should be based on the design life of the system.
District has a reserve account with \$494,002 that is set aside for replacement.
-
-
-

17. LONG-TERM DEBT – Provide the following information on all outstanding debt secured by the Enterprise Fund (water and wastewater and any other utility in the fund).

See attached sheet.

<u>WATER</u>							
<u>Creditor/ Issuer</u>	<u>Date of Issue</u>	<u>Orig Loan/ Bond Size</u>	<u>Principal Balance Outstanding</u>	<u>Interest Rate</u>	<u>Annual Principal Payment</u>	<u>Annual Interest Payment</u>	<u>Date of Final Maturity</u>
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

<u>WASTEWATER</u>							
<u>Auditor/ Issuer</u>	<u>Date of Issue</u>	<u>Orig Loan/ Bond Size</u>	<u>Principal Balance Outstanding</u>	<u>Interest Rate</u>	<u>Annual Principal Payment</u>	<u>Annual Interest Payment</u>	<u>Date of Final Maturity</u>
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

<u>OTHER</u>							
<u>Auditor/ Issuer</u>	<u>Date of Issue</u>	<u>Orig Loan/ Bond Size</u>	<u>Principal Balance Outstanding</u>	<u>Interest Rate</u>	<u>Annual Principal Payment</u>	<u>Annual Interest Payment</u>	<u>Date of Final Maturity</u>
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

Project Budget: Estimated 8/20/2013
enter date

As Bid
enter date

Revised
enter date

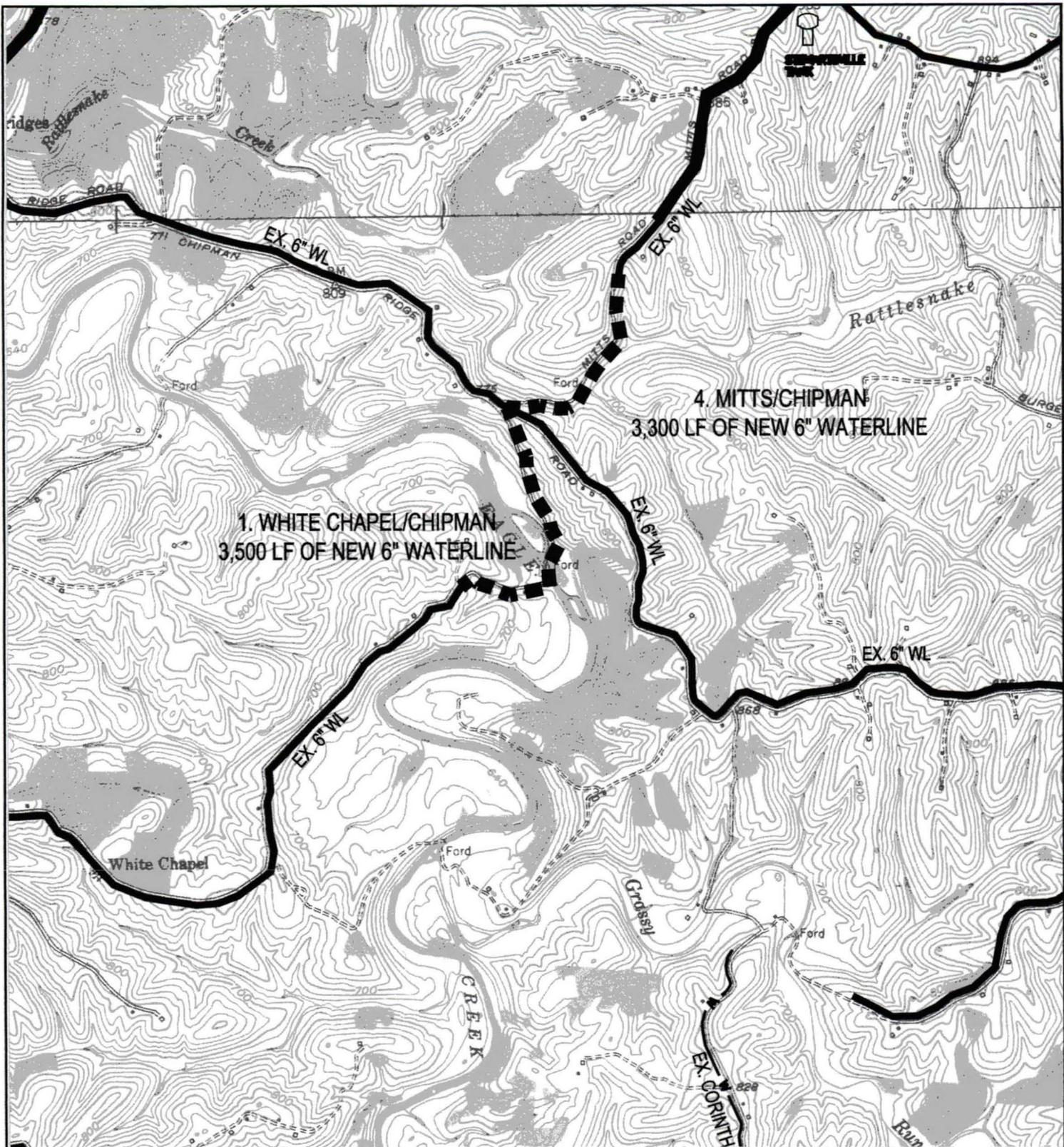
Cost Classification	DWSRF KIA Loan	Funding Source 1	Funding Source 2	Funding Source 3	Funding Source 4	Funding Source 5	Local Funds	Unfunded Costs	Total
1 Administrative Expenses	10,000								10,000
2 Legal Expenses	10,000								10,000
3 Land, Appraisals, Easements							20,000		20,000
4 Relocation Expense & Payments									-
5 Planning	5,000								5,000
6 Engineering Fees - Design	59,187								59,187
7 Engineering Fees - Construction									-
8 Engineering Fees - Inspection	41,248								41,248
9 Engineering Fees - Other	-								-
10 Construction	610,175								610,175
11 Equipment									-
12 Miscellaneous	53,000								53,000
13 Contingencies	60,990								60,990
Total	849,600	-	-	-	-	-	20,000	-	869,600

Funding Sources	Amount	Date Committed
1 Funding Source 1	-	
2 Funding Source 2	-	
3 Funding Source 3	-	
4 Funding Source 4	-	
5 Funding Source 5	-	
Total	-	

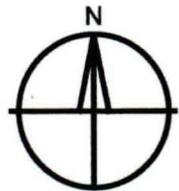
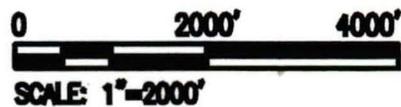
Local Funding Sources	Amount	Date Committed
1 Bullock Pen Water District	20,000	
2		
3		
Total	20,000	

Cost Categories	Funding Source	Total Cost
Treatment		
Transmission and Distribution	DWSRF	849,600
Source		
Storage	DWSRF	0
Purchase of Systems		
Restructuring		
Land Acquisition	Local	20,000
TOTAL COSTS		869,600

Total Funding 869,600



- NEW 6" WATER LINE
- EXISTING BPWD WATER LINE
- W — EXISTING CORINTH WATER DISTRICT LINE



FAILURE TO ASIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE THE DESIGN PROFESSIONAL WHOMES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY COMEY, OR FOR PROBLEMS WHICH ARISE FROM OWNERS FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEDED.



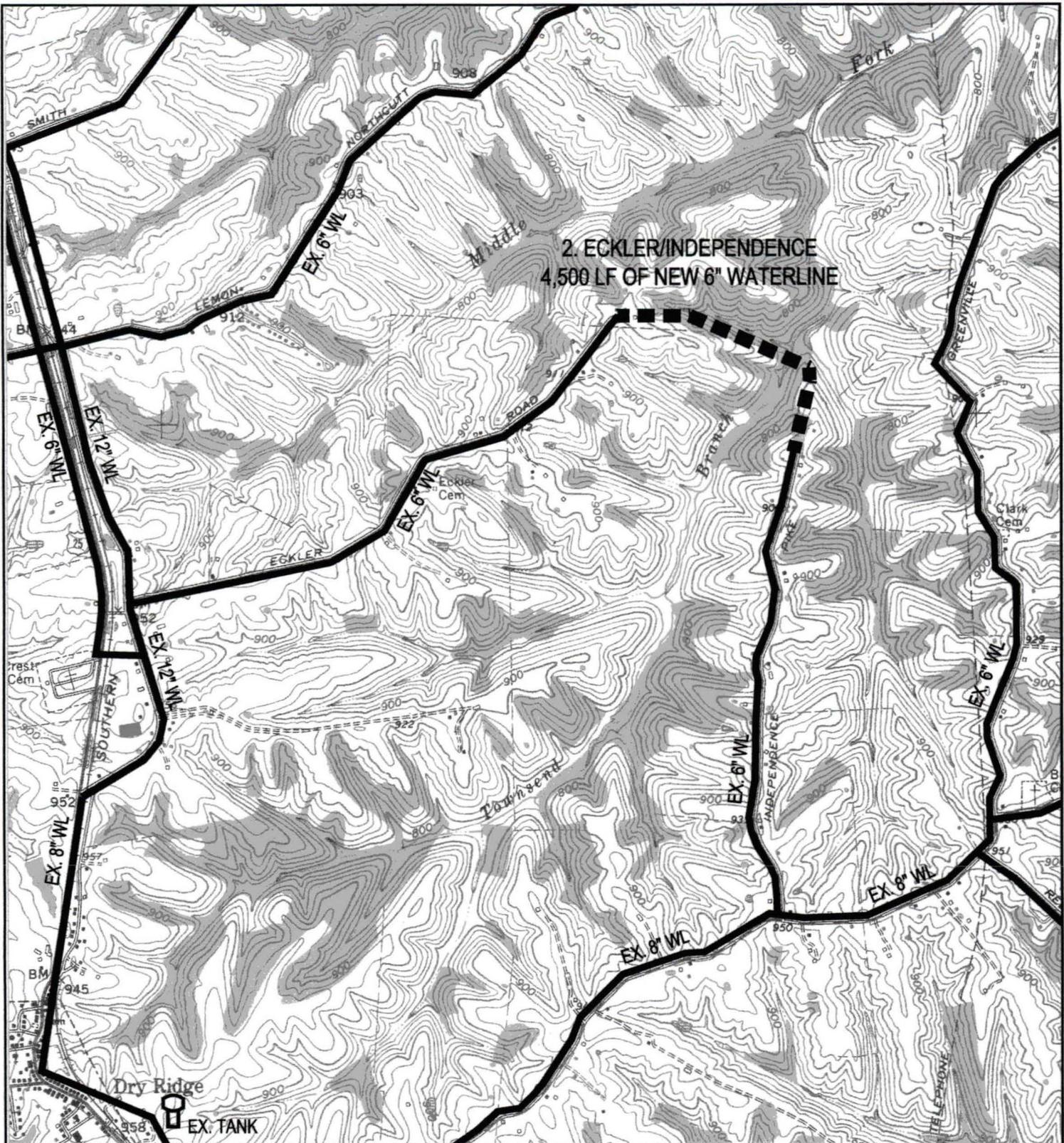
400 E. Vine, Ste 400, Lexington, KY 40507 859.254.6623 Fax 859.259.1877

SECTIONS 1 & 4

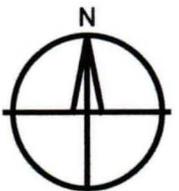
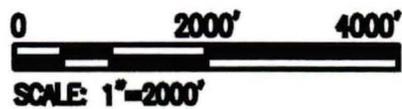
BPWD Looped Water Lines, Phase 14
 Bulluck Pen Water District
 Crittenden, Kentucky

Dwg: USGS Maps.dwg
Date: Dec. 03, 2013
Project Number 13059.04
© 2013 CMW
1

XRefs:



-  NEW 6" WATER LINE
-  EXISTING BPWD WATER LINE
-  EXISTING CORINTH WATER DISTRICT LINE



FAILURE TO ABIDE BY
 DESIGN DOCUMENTS OR
 TO OBTAIN GUIDANCE.
 THE DESIGN PROFESSIONAL WIVES ANY
 AND ALL RESPONSIBILITY AND LIABILITY
 FOR PROBLEMS WHICH ARISE FROM
 FAILURE TO FOLLOW THESE PLANS,
 SPECIFICATIONS AND THE DESIGN INTENT
 THEY CONVEY, OR FOR PROBLEMS WHICH
 ARISE FROM OTHERS' FAILURE TO OBTAIN
 AND/OR FOLLOW THE DESIGN
 PROFESSIONAL'S GUIDANCE WITH RESPECT
 TO ANY ERRORS, OMISSIONS,
 INCONSISTENCIES, AMBIGUITIES OR
 CONFLICTS WHICH ARE ALLEGED.



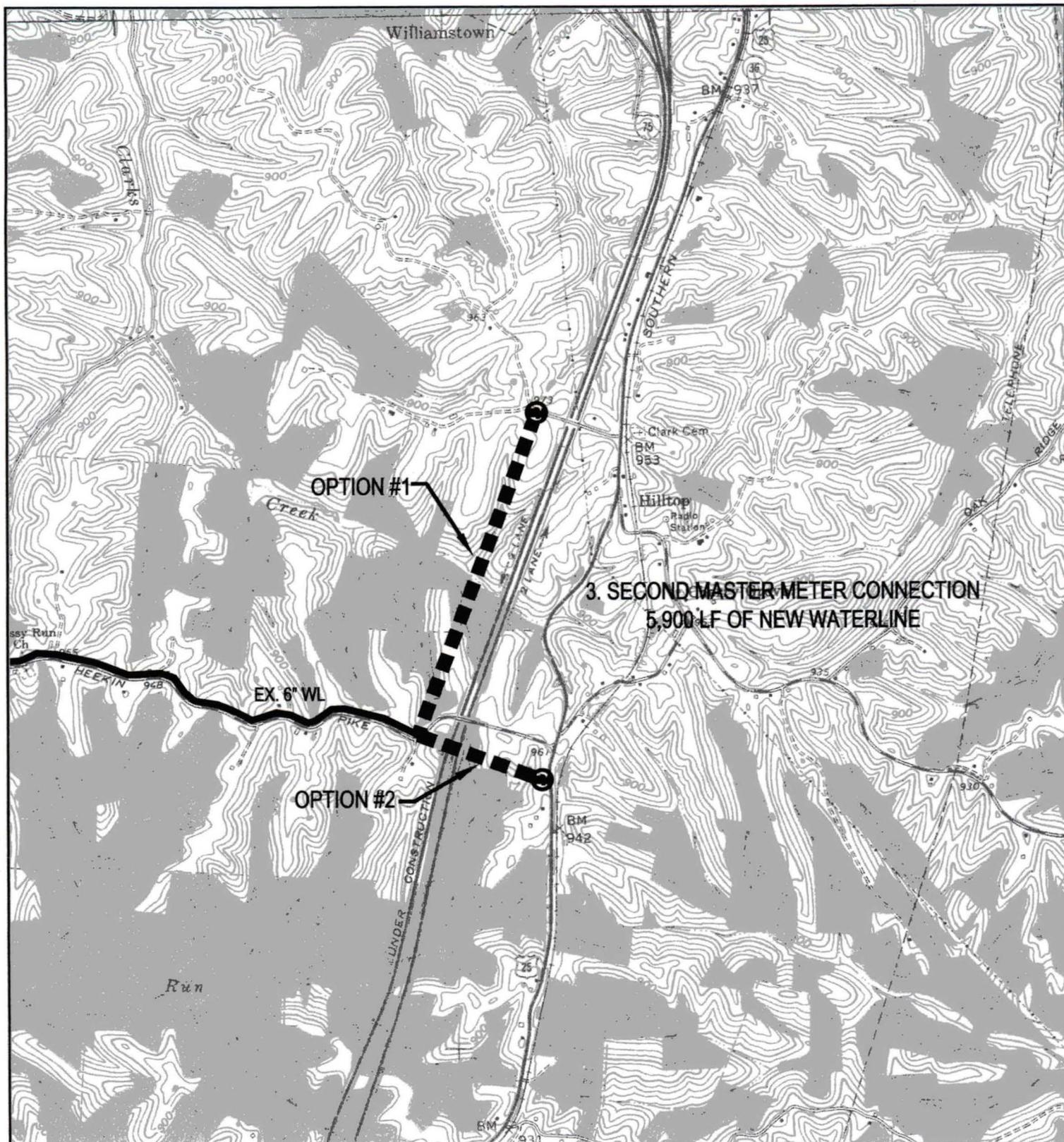
400 E. Vine, Ste 400, Lexington, KY 40507 859.254.6623 Fax 859.259.1877

SECTIONS 2

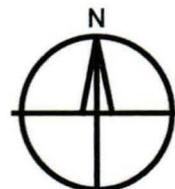
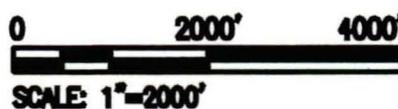
BPWD Looped Water Lines, Phase 14
Bullock Pen Water District
Crittenden, Kentucky

Dwg: USGS Maps.dwg
Date: Dec. 03, 2013
Project Number 13059.04
© 2013 CMW
2

XRefs:



 NEW 6" WATER LINE
 EXISTING WATER LINE



FAILURE TO ABIDE BY
 DESIGN DOCUMENTS OR
 TO OBTAIN GUIDANCE
 THE DESIGN PROFESSIONAL WIVES ANY
 AND ALL RESPONSIBILITY AND LIABILITY
 FOR PROBLEMS WHICH ARISE FROM
 FAILURE TO FOLLOW THESE PLANS,
 SPECIFICATIONS AND THE DESIGN INTENT
 THEY CONVEY, OR FOR PROBLEMS WHICH
 ARISE FROM OTHERS' FAILURE TO OBTAIN
 AND/OR FOLLOW THE DESIGN
 PROFESSIONAL'S GUIDANCE WITH RESPECT
 TO ANY ERRORS, OMISSIONS,
 INCONSISTENCIES, AMBIGUITIES OR
 CONFLICTS WHICH ARE ALLEGED.

CMW inc.
 400 E. Vine, Ste 400, Lexington, KY 40507 859.254.6623 Fax 859.259.1877

SECTION 3

BPWD Looped Water Lines, Phase 14
 Bullock Pen Water District
 Crittenden, Kentucky

Dwg: USGS Maps.dwg

Date: Dec. 03, 2013

Project Number
13059.04

© 2013 CMW

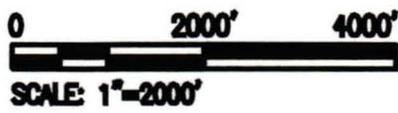
3

XRefs:



5. LOOP VALANDINGHAM TO OSBORNE
2,650 LF OF NEW 6" WATERLINE

 NEW 6" WATER LINE
 EXISTING WATER LINE



XRefs:
 FAILURE TO ASIDE BY
 DESIGN DOCUMENTS OR
 TO OBTAIN GUIDANCE
 THE DESIGN PROFESSIONAL WIVES ANY
 AND ALL RESPONSIBILITY AND LIABILITY
 FOR PROBLEMS WHICH ARISE FROM
 FAILING TO FOLLOW THESE PLANS,
 SPECIFICATIONS AND THE DESIGN INTENT
 THEY COMEY, OR FOR PROBLEMS WHICH
 ARISE FROM OTHERS' FAILURE TO OBTAIN
 AND/OR FOLLOW THE DESIGN
 PROFESSIONALS GUIDANCE WITH RESPECT
 TO ANY ERRORS, OMISSIONS,
 INCONSISTENCIES, AMBIGUITIES OR
 CONFLICTS WHICH ARE ALLEDED.



400 E. Vine, Ste 400, Lexington, KY 40507 859.254.6623 Fax 859.259.1877

SECTION 5
 BPWD Looped Water Lines, Phase 14
 Bullock Pen Water District
 Crittenden, Kentucky

Dwg: USGS Maps.dwg
 Date: Dec. 03, 2013
 Project Number
 13059.04
 © 2013 CMW
 4



Drinking Water Project Profile

Legal Applicant: **Bullock Pen Water District**

Project Title: **BPWD Looped Water Lines, Phase 14**

Project Number: **WX21081006** View Map

Funding Status: **Fully Funded**

Project Status: **Approved**

Project Schedule: **0-2 Years**

E-Clearinghouse SAI: **KY201310231069**

Applicant Entity Type: **Water District (KRS 74)**

Date Approved (AWMPC): **12-12-2012**

Submitted By: **NKADD**

Primary County: **Grant**

Planning Unit: **Grant**

Multi-County: **No**

ECH Status: **Endorse With Condition**

ADD WMC Contact: **Jeff Burt**

Project Description:

Construction will consist of looping the following dead-end water lines to reduce the amount of water wasted and to improve circulation of the water in the system:

1. White Chapel to Chipman ridge - Construct 0.66 miles of 6 inch water line to connect a dead end line to water main. This will also give a secondary feed to the southwest end of the District and by feeding in both directions will help keep CL2 level up and reduce flushing.
2. Eckler to Independence - Construction of 0.85 miles of 6 inch water line to connect to dead end water lines. This will give a secondary feed to the Knoxville area, reduce flushing, will help keep CL2 levels up and allow District to take a tank out of service for maintenance.
3. Second master meter connection with Williamstown - Construct 1.11 miles of water line and master meter to connect with Williamstown water main. This will allow a secondary feed to Stewardsville Tank, help keep CL2 levels up on southern end of the District and reduce flushing.
4. Mills to Chipman Ridge - Construction of 0.63 miles of 6 inch water line to connect two dead end lines to a water main. This will provide another feed to the southwestern portion of the District, will reduce flushing and help keep CL2 levels up.
5. Valandingham to Osborne - Construction of 0.63 miles of 6 inch water line to connect two dead end water lines. This will provide secondary feed to Mt. Zion area and will give the District more flexibility in using more water from Williamstown.

Need for Project:

Briefly describe how this project promotes public health or achieves and/or maintains compliance with the Clean Water Act or Safe Drinking Water Act:

This project will loop various water lines, reduce the amount of water used for flushing, and help keep CL2 levels up in the water lines. Secondary feeds will be established so large sections of customers will not be without water during a water line break.

Project Alternatives:

Alternate A:

Only loop the first 3 loops.

Alternate B:

Only loop the last three loops.

Legal Applicant:

Entity Type: **Water District (KRS 74)**

PSC Group ID: **19200**

Entity Name: **Bullock Pen Water District**

Web URL:

Office EMail: **bullockpen@fuse.net**

Office Phone: **859-428-2112**

Toll Free:

Fax: **859-428-1293**

Mail Address Line 1: **PO Box 188**

Phys Address Line 1:

Mail Address Line 2:

Phys Address Line 2:

Mail City, State Zip: **Crittenden, KY 41030**

Phys City, State Zip:

Contact: **Bobby Burgess**

Auth Official: **Bobby Burgess**

Contact Title:

Auth Official Title:

Contact EMail: **bullockpen@fuse.net**

Auth Official EMail: **bullockpen@fuse.net**

Contact Phone: **859-428-2112**

Auth Official Phone: **859-428-2112**

Contact Cell:

Auth Official Cell:

Data Source: **Kentucky Infrastructure Authority**

Date Last Modified: **01.05.2011**



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

Project Administrator (PA) Information

Name: **Kerry S Odle**

Title: **Water/Wastewater Division Manager**

Organization: **Hmb Professional Engineers, Inc.**

Address Line 1: **3 Hmb Circle**

Address Line 2:

City: **Frankfort** State: **KY** Zip: **40601**

Phone: **502-695-9800** Fax: **502-695-9810**

Applicant Contact (AC) Information

Name: **William L Catlett**

Title: **Manager**

Organization: **Bullock Pen Water District**

Address Line 1: **PO Box 460**

Address Line 2:

City: **Crittenden** State: **KY** Zip: **41030**

Phone: **859-393-4240** Fax:

Project Engineer (PE) Information:

This project requires a licensed Professional Engineer.

License No: **PE 12497**

PE Name: **Kerry Stuart Odle**

Phone: **502-695-9800** Fax: **502-698-9810**

E-Mail: **kodle@hmbpe.com**

Firm Name:

Addr Line 1: **HMB Professional Engineers, Inc**

Addr Line 2: **3 Hmb Circle**

Addr Line 3:

City: **Frankfort** State: **KY** Zip: **40601**

Status: **Current** Disciplinary Actions: **NO**

Issued: **07-22-1981** Expires: **06-30-2016**



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

Estimated Budget

Project Cost Classification:

Administrative Exp.:	\$ 10,000
Legal Exp.:	\$ 10,000
Land, Appraisals, Easements:	\$ 20,000
Relocation Exp. & Payments:	
Planning:	\$ 5,000
Engineering Fees - Design:	\$ 59,187
Engineering Fees - Construction:	
Engineering Fees - Inspection:	\$ 41,248
Engineering Fees - Other:	\$ 9,000
Construction:	\$ 610,175
Equipment:	
Miscellaneous:	\$ 44,000
Contingencies:	\$ 60,990
Total Project Cost:	\$ 869,600

Construction Cost Categories:

Treatment:	
Transmission & Distribution:	\$ 610,175
Source:	
Storage:	
Purchase of Systems:	
Restructuring:	
Land Acquisition:	
Non-Catagorized:	
Total Construction:	\$ 610,175

Total Sustainable Infrastructure Costs:

Note: Total Sustainability Infrastructure Costs are included within construction and other costs reported in this section. This breakout is provided for SRF review purposes.

Project Funding Sources:

Total Project Cost: **\$869,600**
 Total Committed Funding: **\$869,600**
 Funding Gap: **\$0 (Fully Funded)**

This project will be requesting SRF funding for fiscal year 2016.

Funding Source	Loan or Grant ID	Fiscal Year	Amount	Status	Applicable Date
Local			\$20,000	Committed	12/11/2012
KIA SRF Fund F Loan (DW)	F14-008	2014	\$849,600	Committed	3/6/2014
Total:			\$869,600		

Funding Source Notes:

Detailed Project Schedule:

Environmental Review Status:
 RD Approval Date:
 CDBG Approval Date:
 No approval, but Cross-Cutter Scoping Completed: **12-06-2013**
 Construction Permit Application Date:
 Construction Permit Application Status:
 Estimated Bid Date: **05-06-2014**
 Estimated Construction Start Date: **08-25-2014**

The following systems are beneficiaries of this project:

KY0410047 Bullock Pen Water District

Note: Check mark indicates primary system for this project.

Project Ranking by AWMPC:

Regional Ranking(s): _____
 Planning Unit Ranking: _____
 Total Points: _____

- Plans and specs have been sent to DOW.
- Plans and specs have been reviewed by DOW.
- Plans and specs have been sent to PSC.
- Plans and specs have been reviewed by PSC.

Economic, Demographic and Geographic Impacts



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

Economic Impacts	
Jobs Created:	10
Jobs Retained:	

*Demographic Impacts (GIS Census Overlay)			
Serviceable Demographic	Project Area	Included Systems	Included Utilities
Population:	2	19,441	19,441
Households:	1	7,487	7,487
MHI:	\$43,604	\$50,212	*\$50,212
MHI MOE	\$2,451	\$7,209	*\$7,209
MOE as Pct:	6%	14.0%	14.0%
**NSRL:		0	0

Population and household counts are based on 2010 census block values from the SF1 (100%) dataset.

MHI Source is from the American Community Survey 2008-2012 5Yr Estimates (Table B19013) *(for the primary system operated by the above listed beneficiary utilities).

MHI MOE = Med HH Income Margin of Error.

** NSRL (Non-Standard Rate Levels):

0 = Income above Kentucky MHI (KMHI).

1 = Income between 80% KMHI and KMHI.

2 = Income less than or equal to 80% KMHI.

- KMHI = \$42,610

- 80% KHMI = \$34,088

New or Improved Service		
Service Demographic	Survey Based	Census Overlay*
To Unserved Households:	15	1
To Underserved Households:	8,000	
To Total Households:	8,015	1
** Cost Per Household:	\$108	

* GIS Census block overlay figures are estimates of population and households potentially served by systems and projects based on a proximity analysis of relevant service lines to census block boundaries.

** Cost per household is based on surveyed household counts, not GIS overlay values.

Geographic Impacts For Project Area	
Counties	
Grant	
Legislative Districts	
District Name	Legislator
House 061	Brian Linder
Senate 17	Damon Thayer
Congressional 4	Thomas Massie
Groundwater Sensitivity Zones	
HUC 11 Watersheds	
HUC Code	Watershed Name
05100101250	Grassy Creek, near Williamstown Lake
05100102090	Fork Lick Creek
05100205370	Eagle Creek, above Tenmile Creek
05100205380	Clarks Creek
05100205390	Tenmile Creek

Geographic Impacts For Included System(s)	
Counties	
Boone	
Gallatin	
Grant	
Kenton	
Owen	
Pendleton	
Legislative Districts	
District Name	Legislator
House 060	Sal Santoro
House 061	Brian Linder
House 069	Adam Koenig
House 078	Tom McKee
Senate 07	Julian M. Carroll
Senate 11	John Schickel
Senate 17	Damon Thayer
Senate 24	Wil Schroder
Congressional 4	Thomas Massie



Drinking Water Project Profile
 WX21081006 - Bullock Pen Water District
 BPWD Looped Water Lines, Phase 14

DW Specific Impacts:

- This project relates to a public health emergency.
- This project will assist a non-compliant system to achieve compliance.
- This project will assist a compliant system to meet future requirements
- This project will provide assistance not compliance related.
- This project will address the terms of the Court Order and/or Agreed Order.
- The system(s) involved with this project have achieved voluntary compliance with violations before being referred for an enforcement case.

Project Inventory (Mapped Features):

Line Features:

DOW Permit ID	Line Type	Purpose	Activity	Size (in.)	Material	Length (LF)
KY0410047	WATER LINE: FINISHED	DISTRIBUTION	EXTENSION	6.00	PVC	12,054
KY0410047	WATER LINE: FINISHED	TRANSMISSION	EXTENSION	6.00	PVC	2,598
KY0410047	WATER LINE: FINISHED	TRANSMISSION	EXTENSION - FINISHED WATER INTERCONNECT	6.00	PVC	6,446
					Total Length	21,098

Administrative Components:

- Planning
 Design
 Construction
 Management

Regionalization Components:

Public Water Systems Eliminated:

- this project includes the elimination of public water system(s) through merger or acquisition.

Water Treatment Plants Eliminated:

- This project includes the elimination of water treatment plant(s) through interconnect(s).

Supplementation of Raw Water Supply:

- This project includes supplementing the existing raw water supply.

Supplementation of Potable Water Supply:

- This project includes supplementing the existing potable water supply.

Emergency Only Water Supply:

- This project provides emergency only water supply.

Water Source Protection:

- This project includes land acquisition for water source protection.



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

Water Treatment Components:

- This project includes water treatment components

Treatment Activities:

- This project includes a new water treatment plant.
- This project includes an expansion of an existing water treatment plant.
- This project includes rehabilitation of an existing water treatment plant.
- This project includes upgrades to an existing water treatment plant.
- This project includes emergency power generators for treatment activities.
- This project includes redundant treatment processes.

Acute Public Health Risk:

- This project includes infrastructure options to meet Cryptosporidium removal/inactivation requirements.
- This project includes infrastructure options to meet CT inactivation requirements.

Chronic Public Health Risk:

- This project includes treatment modifications to meet the Disinfectants/Disinfection Byproducts Rule at the water treatment plant.
- This project will provide treatment modifications for VOCs, IOCs, SOC, or Radionuclides.

Secondary Contaminants:

- This project includes treatment modifications to address Secondary Contaminants.

Security:

- This project includes security components for water treatment facilities.

Water Distribution and Storage:

- This project includes water distribution and/or storage components.

Water Line Extensions:

- This project includes water line extension(s).

Length of extensions: **21,098 LF**

Number of new connections: **15**

Redundancy Components:

- This project includes emergency power generators for distribution and/or storage activities.

Number of units provided: **0**

- This project includes redundant distribution and/or storage processes.



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

Finished Water Quality:

- This project includes infrastructure to address inadequate water turnover and disinfection byproducts (DBPs).
- This project includes infrastructure to address inability to maintain disinfection residual.

Water Line Replacement:

- This project replaces problem water lines (breaks, leaks, or restrictive flows due to age), water lines consisting of lead and/or asbestos-cement (AC), and/or inadequately sized water lines.

Water Storage and Pressure Components:

- This project includes the construction of new water tank(s).
- This project includes the replacement of existing water tank(s).
- This project includes the rehabilitation of existing water tank(s).
- This project includes the construction of new pump station(s).
- This project includes the rehabilitation of existing pump station(s).

Security:

- This project includes security components for water distribution infrastructure.

Sustainable Infrastructure - Green Infrastructure:

Green stormwater infrastructure includes a wide array of practices at multiple scales that manage wet weather and that maintains and restores natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater. On a regional scale, green infrastructure is the preservation and restoration of natural landscape features, such as forests, floodplains, and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale, green infrastructure consists of site and neighborhood-specific practices, such as:

Component	Cost
<input type="checkbox"/> Bioretention	
<input type="checkbox"/> Trees	
<input type="checkbox"/> Green Roofs	
<input type="checkbox"/> Permeable Pavement	
<input type="checkbox"/> Cisterns	
Total Green Infrastructure Cost:	\$0

There are no Green Infrastructure components specified for this project.



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

Sustainable Infrastructure - Water Efficiency:

The use of improved technologies and practices to deliver equal or better services with less water. Water efficiency encompasses conservation and reuse efforts, as well as water loss reduction and prevention, to protect water resources for the future. Examples include:

Component	Cost
<input type="checkbox"/> Installing or retrofitting water efficient devices such as plumbing fixtures and appliances (toilets, showerheads, urinals).	
<input type="checkbox"/> Installing any type of water meter in previously unmetered areas (can include backflow prevention if in conjunction with meter replacement).	
<input type="checkbox"/> Replacing existing broken/malfunctioning water meters with AMR or smart meters, meters with leak detection, backflow prevention.	
<input type="checkbox"/> Retrofitting/adding AMR capabilities or leak equipment to existing meters.	
<input type="checkbox"/> Conducting water utility audits, leak detection studies, and water use efficiency baseline studies, which are reasonably expected to result in a capital project or in a reduction in demand to alleviate the need for additional capital investment.	
<input type="checkbox"/> Developing conservation plans/programs reasonable expected to result in a water conserving capital project or in a reduction in demand to alleviate the need for capital investment.	
<input type="checkbox"/> Recycling and water reuse projects that replace potable sources with non-potable sources (Gray water, condensate, and wastewater effluent reuse systems, extra treatment or distribution costs associated with water reuse).	
<input type="checkbox"/> Retrofit or replacement of existing landscape irrigation systems to more efficient landscape irrigation systems.	
<input type="checkbox"/> Water meter replacement with traditional water meters.*	
<input type="checkbox"/> Distribution pipe replacement or rehabilitation to reduce water loss and prevent water main breaks.*	
<input type="checkbox"/> Storage tank replacement/rehabilitation to reduce water loss.*	
<input type="checkbox"/> New water efficient landscape irrigation system, where there currently is not one.*	
Total Water Efficiency Cost:	
\$0	

* Indicates a business case may be required for this item.

There are no Water Efficiency components specified for this project.

Sustainable Infrastructure - Energy Efficiency:

Energy efficiency is the use of improved technologies and practices to reduce the energy consumption of water projects, use energy in a more efficient way, and/or produce/utilize renewable energy. Examples include:

Component	Cost
<input type="checkbox"/> Renewable energy projects, which are part of a public health project, such as wind, solar, geothermal, and micro-hydroelectric that provides power to a utility.	
<input type="checkbox"/> Utility-owned or publicly-owned renewable energy projects.	
<input type="checkbox"/> Utility energy management planning, including energy assessments, energy audits, optimization studies, and sub-metering of individual processes to determine high energy use areas.	
<input type="checkbox"/> Energy efficient retrofits, upgrades, or new pumping systems and treatment processes (including variable frequency drives (VFDs)).*	
<input type="checkbox"/> Pump refurbishment to optimize pump efficiency.*	
<input type="checkbox"/> Projects that result from an energy efficient related assessment.*	
<input type="checkbox"/> Projects that cost effectively eliminate pumps or pumping stations.*	
<input type="checkbox"/> Projects that achieve the remaining increments of energy efficiency in a system that is already very efficient.*	
<input type="checkbox"/> Upgrade of lighting to energy efficient sources.*	
<input type="checkbox"/> Automated and remote control systems (SCADA) that achieve substantial energy savings.*	
Total Energy Efficiency Cost:	
\$0	

* Indicates a business case may be required for this item.

There are no Energy Efficiency components specified for this project.



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

Sustainable Infrastructure - Environmentally Innovative:

Environmentally innovative projects include those that demonstrate new and/or innovative approaches to delivering services or managing water resources in a more sustainable way. Examples include:

Component	Cost
<input type="checkbox"/> Total integrated water resources management planning, or other planning framework where project life cycle costs are minimized, which enables communities to adopt more efficient and cost-effective infrastructure solutions.	
<input type="checkbox"/> Plans to improve water quantity and quality associated with water system technical, financial, and managerial capacity.	
<input type="checkbox"/> Source water protection planning (delineation, monitoring, modeling).	
<input type="checkbox"/> Planning activities to prepare for adaptation to the long-term effects of climate change and/or extreme weather.	
<input type="checkbox"/> Utility sustainability plan consistent with EPA's sustainability policy.	
<input type="checkbox"/> Greenhouse gas inventory or mitigation plan and submission of a GHG inventory to a registry as long as it is being done for an SRF eligible facility.	
<input type="checkbox"/> Construction of US Building Council LEED certified buildings, or renovation of an existing building.	
<input type="checkbox"/> Projects that significantly reduce or eliminate the use of chemicals in water treatment.*	
<input type="checkbox"/> Treatment technologies or approaches that significantly reduce the volume of residuals, minimize the generation of residuals, or lower the amount of chemicals in the residuals.*	
<input type="checkbox"/> Trenchless or low impact construction technology.*	
<input type="checkbox"/> Using recycled materials or re-using materials on-site.*	
<input type="checkbox"/> Educational activities and demonstration projects for water or energy efficiency (such as rain gardens).*	
<input type="checkbox"/> Projects that achieve the goals/objectives of utility asset management plans.*	
Total Environmentally Innovative Cost:	\$0

* Indicates a business case may be required for this item.

There are no Environmentally Innovative components specified for this project.

Sustainable Infrastructure - Asset Management:

If a category is selected, the applicant must provide proof to substantiate claims. The documents must be submitted to Amanda Yeary (Amanda.Yeary@ky.gov) for DW projects.

Component
<input type="checkbox"/> The system(s) has a Capital Improvement Plan or similar planning document.
<input type="checkbox"/> The system(s) involved in this project have developed appropriate rate structures to build, operate, and maintain.
<input type="checkbox"/> The system(s) involved in this project have specifically allocated funds for the rehabilitation and replacement of aging and deteriorating infrastructure.
Amount in yearly budget allows for additional loan debt to make improvements in the water system.

Project Status: Approved

Date Approved: 12-12-2012

Date Revised:



Drinking Water Project Profile

WX21081006 - Bullock Pen Water District
BPWD Looped Water Lines, Phase 14

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

Loan No./Loan Recipient: F14-008 / Bullock Pen Water District

Name: Looped Water Lines, Phase 14

Design Firm: CMW Inc.

The information provided is accurate for the above referenced contract to the best of my knowledge and belief.

Design Engineer: Patrick Deming

Signature: 
Date: November 17, 2014

Please submit four copies of the plans and specifications with the other required construction permit forms and documents at this time to the Division of Water. The plans and specifications must be sealed, signed and dated by a Professional Engineer.

NOTE: When the project is advertised, a set of as-bid plans and specifications and a copy of the advertisement must be submitted to the Division of Water immediately.

Questions with (DOW) are to be completed by the Division of Water Engineer.

I have reviewed the information provided by the design engineer, verified the accuracy, and completed the (DOW) questions.

(DOW) Review Engineer: _____ Signature _____
Date _____

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

Loan Recipient / Loan No.: Bullock Pen Water District / F14-008

Projected Sources of Funds

Source	Amount
<u>Fund F Loan</u>	<u>\$849,600</u>
<u>Local Funds</u>	<u>\$20,000</u>

Contract Period, Number of Days 120

Estimated Construction Amount \$610,175 SRF Loan Amount \$869,600

SRF Eligible \$869,600 SRF Non-eligible \$0

Detailed description of proposed project:

This project involves the construction of approximately 1.85 miles of water lines with three (3) directional creek bores and one (1) interstate bore to connect (loop) existing dead end waterlines on White Chapel Rd, Mitts Rd, Heekin Rd, Vallandingham Rd, and Osborne Rd in the southern portions of the Bullock Pen Water District (BPWD), Grant County, Kentucky. These new looped waterlines will improve system flow, provide secondary feeds, will reduce flushing of the dead end waterlines, and will help maintain chlorine levels in the southern end of the BPWD system. One connection (loop) will provide a master meter link with the Williamstown Municipal Water System which allows for a secondary feed to the BPWD Stewardsville Tank and allows the BPWD flexibility to use more water from the City of Williamstown.

KENTUCKY FEDERALLY ASSISTED DRINKING WATER STATE REVOLVING FUND PLANS AND SPECIFICATION REVIEW CHECKLIST

Does the eligible portion include:

<u>Yes</u>	<u>No</u>	<u>N/A</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Demolition: Is it limited to that required for new construction?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Replacement of existing utilities: Is no "betterment" proposed?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Paving: Is it limited to the trench width and cutbacks?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Standby generators: Has justification been provided?

The following items are considered ineligible for SRF projects. Are any of these included in the specifications:

<u>Yes</u>	<u>No</u>	<u>N/A</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bonus payments?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Immediately available hand tools?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mowers, snow blowers, trimmers?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Replacement of facilities previously funded by EPA or SRF, which are still within the useful life unless EPA or SRF has approved abandonment?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Redundant facilities (unless required by state or federal reliability requirements)?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Routine maintenance items (oil, grease, filters, etc.)?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Utility vehicles/golf carts?

List all SRF loan ineligible items in the project: **None**

General Comments

<u>Yes</u>	<u>No</u>	<u>N/A</u>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. (DOW) Does DOW review engineer concur with the description of SRF ineligible items?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. (DOW) Are the plans and specifications sealed, signed and dated by a professional engineer?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3. Are electric motors and components above the 100-year flood elevation?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4. Are buildings protected from the 100 year flood and usable at the 25 year flood level?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Are permits to construct required from other Federal or State Agencies? If yes, indicate which Agencies.
<u>Kentucky Transportation Cabinet, Floodplain Management Section of the Kentucky Division of Water</u>			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6a. Have the required permits been issued? Provide the DOW with copies. <u>Applications Made</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6b. Have the required permits been applied for?

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. If the project includes work that will cumulatively disturb more than 200 linear feet of a blue line stream as shown on a USGS 7.5-min. topographic map, has an application for 401 Certification been submitted to the DOW Water Quality Section? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8. If the project involves construction within a floodplain, including stream crossings, has an application for the appropriate permits been submitted to the DOW Floodplain Management Section? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. If the loan recipient has requested to buy equipment and be exempt from sales tax, are the specifications written to accommodate this? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 10. Does this project eliminate any existing water treatment plants? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11. (DOW) If value engineering (VE) was done (whether mandated or elected) are all adopted VE proposals incorporated in the plans and specs? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12a. (DOW) Has Division of Water written or issued an Environmental Impact Statement (EIS), Categorical Exclusion Document (CED) or a Finding of No Significant Impact Report (FONSI)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12b. (DOW) Is the scope of the SRF project identified in the plans and specifications consistent with the CED, FONSI, or EIS? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 13a. Have all required easements been obtained? <u>Easement Negotiations with Eleven (11) Properties have been Begun, and We currently have Three (3) Signatures</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13b. (DOW) Has a site certificate been received?
NOTE: Clear Site Certificate are required before construction starts. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 14a. If this proposed project includes a sludge lagoon system has the DOW Groundwater Section been contacted regarding the need for a groundwater protection plan? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 14b. Is a plan required? Provide copies of correspondence. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 15. If this project is a result of a DOW enforcement action, have all mandated construction related activities been addressed in the scope of work for this project? Notify the Division of Enforcement. |

Clearinghouse Comments

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1a. <u>The Recipient has:</u>
Obtained Kentucky Department of Transportation encroachment permits? <u>Applications Made</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1b. Has applied for Kentucky Department of Transportation encroachment permits? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Has assigned a place in the Contract Documents for Wage Determinations for federal and state wage rates?
NOTE: The Kentucky Labor Cabinet must be contacted for Wage Determinations when the Advertising Date is know. Davis-Bacon Wage Determinations may have to be added by Addendum if they change while the project is advertised. |

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. If state labor laws apply, do specifications indicate overtime pay is required for work in excess of an 8-hour day? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4a. Obtained a release from the Kentucky Heritage Council and the State Historic Preservation Officer? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4b. If the answer to #4a is no, are all survey report conditions incorporated in the plans and specifications? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5a. Obtained a letter from the Kentucky Nature Preserves Commission indicating there are no species of plant, animal or sensitive natural areas monitored by the Commission in the project area? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5b. If the answer to #5a is no, are all survey report conditions incorporated in the plans and specifications? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. If sludge is to be disposed of in a landfill, has the landfill operator provided a letter of intent? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. If sludge is to be land-farmed, has Division of Waste Management approved the proposed site? (Note: Submit copy of approval letter.) |

Proposal

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. Have SRF eligible and ineligible items been separated? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Time of completion <u>120</u> days. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. If the contract allows for substitution of equipment, is the method for determining the low bidder clearly indicated? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. Has a base bid and any alternatives been specified? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Are there any special conditions on evaluating lump sum contract? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. Please specify: _____
(DOW) Have the technical specifications been written to assure the maximum competition?
a. No unjustified experience clause (over five years, excessive construction for a time period).
b. Use of brand name or equal in specifications, and at least three manufacturers if names listed on bid schedule. (may ask for manufacturer if names not listed on bid schedule) |

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

SPECIFICATIONS AND CONTRACT DOCUMENTS

NOTE: (DOW) column on the left on pages 7 and 8 in this Section is for the review engineer verification.
Design Engineer must list the sections and page numbers for all items.

INVITATION TO BID OR ADVERTISEMENT

(DOW)	Section	Page	
<input type="checkbox"/>	00010	1	1. Time and place of Bid Opening
<input type="checkbox"/>	00010	1	2. Where plans and specs may be obtained
<input type="checkbox"/>	00010	1	3. Work to be performed
<input type="checkbox"/>	00010	1	4. A statement bidders must comply with Title VI of the Civil Rights Act of 1964, the Anti-Kickback Act, and the Contract Work Hours Standard Act
<input type="checkbox"/>	00010	1	5. A statement that bidders must comply with the President's Executive Order No. 11246 as amended, which prohibits discrimination in employment regarding race, creed, color, sex or national origin
<input type="checkbox"/>	00010	1	6. This project will be in compliance with Executive Order 11246 (Equal Employment Opportunity) as amended
<input type="checkbox"/>	00010	2	7. A statement that the Contractor/Subcontractor will comply with 41 CFR 60-4, in regard to affirmative action, to insure equal opportunity to females and minorities and will apply the time tables and goal set forth in 41 CFR 60-4
<input type="checkbox"/>	00010	2	8. A statement that the bidder will make positive efforts to use small, minority, women owned and disadvantaged businesses
<input type="checkbox"/>	00010	2	9. A statement that this procurement will be subject to DOW Procurement Guidance including the Davis-Bacon Act
<input type="checkbox"/>	00010	2	10. A statement that the contract is being funded in part with a SRF loan
<input type="checkbox"/>	00010	1	11. A statement that the award will be made to the lowest, responsive, responsible bidder

INSTRUCTIONS TO BIDDERS, GENERAL AND SPECIAL CONDITIONS

(DOW)	Section	Page	
<input type="checkbox"/>	00100	1	1. Bid Bond Requirements (5% for Contracts over \$100,000)
<input type="checkbox"/>	00100	2	2. 100% Performance Bond and 100% Payment Bond for contracts over \$100,000. Single Payment and Performance Bonds may be used for contracts under \$100,000. Performance Bond must be valid for one year beyond date of acceptance of the completed project.
<input type="checkbox"/>	00100	2	3. Method of Award (to the low responsive, responsible bidder unless all bids are rejected). Refer to 40 CFR 31.36(d). All bids shall not be rejected without proper justification.

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

(DOW)	Section	Page	
<input type="checkbox"/>	00100	2	4. Basis for determining responsiveness and responsibility of low bidder
<input type="checkbox"/>	00200	1	5. Contract Time: 120 days
<input type="checkbox"/>	00200	1	6. Liquidated Damages: 500 dollars per day
<input type="checkbox"/>	00800.8		7. Criteria that are used to evaluate proposed "equal" products
<input type="checkbox"/>	00800.21.4		8. Workmen's Compensation Insurance
<input type="checkbox"/>	00800.21.3.1		9. Public Liability Insurance
<input type="checkbox"/>	00800.21.3.2		10. Fire and extended coverage insurance (Builders Risk)
<input type="checkbox"/>	01010	5	11. Reasonable care shall be taken during construction to avoid damage to vegetation. Ornamental shrubbery and tree branches shall be temporarily tied back, where appropriate, to minimize damage. Trees that receive damage to branches shall be trimmed of those branches to improve the appearance of the tree. Tree trunks receiving damage from equipment shall be treated with a tree dressing.
<input type="checkbox"/>	01010	10	12. Compliance with OSHA (P.L. 91-596) and the Contract Work Hours and Safety Standards Act (P.L. 91-54)
<input type="checkbox"/>	01010	9	13. A statement that change orders to the construction contract must comply with DOW Procurement Guidance for Construction and Equipment Contracts
<input type="checkbox"/>	01010	9	14. Does the contract require cost, pricing, and certification for change orders exceeding \$100,000 as required by DOW Procurement Guidance for Construction and Equipment Contracts? Yes
<input type="checkbox"/>	01010	6-7	15. Does the contract require that the contractor provide project construction and payment schedules? Yes
<input type="checkbox"/>	00100	3	16. Compliance with Title VI of the Civil Rights Act of 1964, the Anti-Kickback Act and the contract Work Hours Standards Act
<input type="checkbox"/>	00800.19		17. Provisions for timely periodic payments and for limiting retainage (40 CFR 31.36)
<input type="checkbox"/>	_____	_____	18. Provision to obtain a Section 404 permit from the Corps of Engineers, if applicable NA
<input type="checkbox"/>	02235	2	19. A statement in regard to minimizing siltation and soil erosion during construction

SUPPLEMENTAL GENERAL CONDITIONS

Have the Supplemental General Conditions (September 2013) been included in the specifications?

Yes

If not, has the required wording/information from the referenced attachments been included? **NA**

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

DOW Engineer, forward Pages 8, 9, and 10 and give to SRF & SPAP Section Project Administrator

Note: The consultant must complete this section for each contract. If not applicable complete were appropriate and explain.

AREAS OF WORK – DISADVANTAGED BUSINESS ENTERPRISE

Loan Recipient / Loan No.: Bullock Pen Water District / F14-008

Project Name: Looped Water Lines, Phase 14

Contact Person: Billy Catlett

Address: PO Box 188
Crittenden, KY 41030

Phone No: 859-428-2112

Consultant: CMW, Inc

Contact Person: Patrick Deming, PE

Address: 400 East Vine St, Suite 400
Lexington, Ky 40507

Phone No.: 859-254-6623

Contract No./Type: Contract #1 – Water Lines

Estimated Bid Date: January, 2015

This contract will include the following work:

<u>General Construction</u>	<u>Check if Included</u>	<u>Estimated Cost</u>
Backhoe	<input type="checkbox"/>	_____
Concrete Construction	<input type="checkbox"/>	_____
Concrete Finishers	<input type="checkbox"/>	_____
Demolition	<input type="checkbox"/>	_____
Excavating	<input type="checkbox"/>	_____
General Construction	<input type="checkbox"/>	_____
Material Haulers	<input type="checkbox"/>	_____
Seeding	<input checked="" type="checkbox"/>	\$7,000

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

	<u>Check if Included</u>	<u>Estimated Cost</u>
Sodding	<input type="checkbox"/>	_____
Surveyors	<input type="checkbox"/>	_____
Pipe Layers	<input type="checkbox"/>	_____
 <u>Building Construction</u>		
Drywall	<input type="checkbox"/>	_____
Electrical Contractors	<input type="checkbox"/>	_____
Flooring	<input type="checkbox"/>	_____
HVAC	<input type="checkbox"/>	_____
Insulation	<input type="checkbox"/>	_____
Landscaping	<input type="checkbox"/>	_____
Masonry	<input type="checkbox"/>	_____
Painting Contractors	<input type="checkbox"/>	_____
Plaster	<input type="checkbox"/>	_____
Plumbing	<input type="checkbox"/>	_____
Roofing	<input type="checkbox"/>	_____
Sandblasting	<input type="checkbox"/>	_____
Sprinkler System Installation	<input type="checkbox"/>	_____
Wiring	<input type="checkbox"/>	_____
 <u>Roadway Construction</u>		
Asphalt Removal	<input type="checkbox"/>	_____
Guardrail Work	<input type="checkbox"/>	_____
Roadway and Right-of-Way Work	<input type="checkbox"/>	_____
 <u>Water Line Construction</u>		
Pipe Fabrication	<input checked="" type="checkbox"/>	_____
PVC or D.I. Pipe Supplier	<input checked="" type="checkbox"/>	\$62,050
Water Line Work	<input checked="" type="checkbox"/>	\$374,750
Water Valve Supplier	<input checked="" type="checkbox"/>	\$5,500
Fire Hydrant Supplier	<input checked="" type="checkbox"/>	\$2,000
 <u>Specialized Construction</u>		
Asbestos Removal	<input type="checkbox"/>	_____
Installation of Alarm Systems	<input type="checkbox"/>	_____
Safety Equipment Installation	<input type="checkbox"/>	_____
Steel Erecting and Tiering	<input type="checkbox"/>	_____
Installation of Telemetry	<input type="checkbox"/>	_____
 <u>Supplier</u>		
Construction Equipment Sales	<input type="checkbox"/>	_____
Glass Suppliers and Glazing	<input type="checkbox"/>	_____
Industrial Chemical Suppliers	<input type="checkbox"/>	_____
Industrial Equipment Suppliers	<input type="checkbox"/>	_____

**KENTUCKY FEDERALLY ASSISTED
DRINKING WATER STATE REVOLVING FUND
PLANS AND SPECIFICATION REVIEW CHECKLIST**

	<u>Check if Included</u>	<u>Estimated Cost</u>
Manufacturer - canopies, aluminum windows, and aluminum handrails	<input type="checkbox"/>	_____
Plumbing Suppliers	<input type="checkbox"/>	_____
Sheet Metal Manufacturer	<input type="checkbox"/>	_____
Steel Fabrication	<input type="checkbox"/>	_____
Steel Supplier	<input type="checkbox"/>	_____
Trucking	<input type="checkbox"/>	_____
Water Treatment Chemicals and Equipment	<input type="checkbox"/>	_____
Window Replacements	<input type="checkbox"/>	_____

Given the nature of the scope of work of this contract, is a DBE participation of 3 and 5 percent achievable?

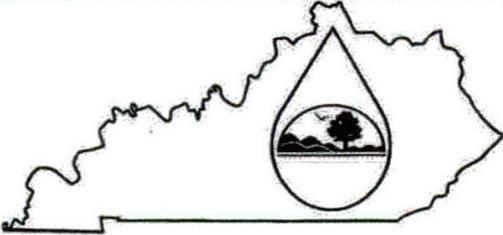
Yes No

DOW will send this checklist to the following agencies:

KPAP
Community Development Office
Cabinet for Economic Development
Capital Plaza Tower
Frankfort, Kentucky 40601

Office for Civil Rights & Small Business Development
Department of Transportation
200 Mero Street
Frankfort, Kentucky. 40622

For Projects West of Elizabethtown:
Minority Economic Development Initiative
Hopkinsville-Christian County Economic Development Council
2800 Fort Campbell Boulevard
Hopkinsville, Kentucky 42240
Attn: Director

	<p>Commonwealth of Kentucky Energy and Environment Cabinet Division of Water</p> <p>Construction Application For Drinking Water Distribution</p>
---	--

See the instructions for more information about selected portions of this application.
 Questions on completing this application? Contact the Water Infrastructure Branch at 502/564-3410, by e-mail at WIBEngineering@ky.gov or visit our website at <http://www.water.ky.gov/dw> for more information.

I. Construction Project Information

Project Name: Looped Water Lines, Phase 14, Bullock Pen Water District

Project County: Grant Estimated Project Cost: \$ 869,600

Project Latitude/Longitude (DMS): Sheet 2.1 - 38°36'41" / 84°40'42"

Sheet 3.1 - 38°37'07" / 84°40'45"

Sheet 4.1 - 38°35'43" / 84°35'00"

Sheet 5.1 - 38°42'05" / 84°39'32"

Is this a federally funded project: Drinking Water State Revolving Fund (DWSRF)

Other: NA

If yes, has an Environmental Information Document been reviewed and approved? Submitted for approval on 11-12-2014

If the project has been submitted to the State Clearinghouse for review, provide the SAI number: KY 20131023-1069

Identify all other funding sources: NA

Does the project contain any of the following:

No- Booster Pump Stations

No - Water Storage Tanks

Yes - Waterlines

Waterline Material	Waterline Size	Linear Feet
PVC SDR21	6"	4,340
PVC SDR14	6"	3,980
HPDE DR9	8"	520
HPDE DR7	8"	920

Provide a DETAILED description of work to be performed for this project. Attach additional sheets as necessary:

This project involves the construction of approximately 1.85 miles of water lines with three (3) directional creek bores and one (1) interstate bore to connect (loop) existing dead end waterlines on White Chapel Rd, Mitts Rd, Heekin Rd, Vallandingham Rd, and Osborne Rd in the southern portions of the Bullock Pen Water District (BPWD), Grant County, Kentucky. These new looped waterlines will improve system flow, provide secondary feeds, will reduce flushing of the dead end waterlines, and will help maintain chlorine levels in the southern end of the BPWD system. One connection (loop) will provide a master meter link to the Williamstown Municipal Water System which allows for a secondary feed to the BPWD Stewardsville Tank and allows the BPWD flexibility to use more water from the City of Williamstown.

Sheet 2.1 – White Chapel Road / Chipman Ridge Road: Approxiamtely 1560 feet of 6” PVC SDR14 and 380 feet of 8” HDPE DR7 waterline is being constructed to connect the existing dead end waterline on White Chapel Rd to the existing waterline on Chipman Ridge Rd. With this new waterline, approximately 360 feet of 12” HDPE DR17 casing pipe will be horizontally directional drilled under Eagle Creek.

Sheet 3.1 – Mitts Road / Chipman Ridge Road: Approxiamtely 940 feet of 6” PVC SDR21, 1780 feet of 6” PVC SDR14 and 160 feet of 8” HDPE DR7 waterline is being constructed to connect the existing dead end waterline on Mitts Rd to the existing waterline on Chipman Ridge Rd. With this new waterline, approximately 140 feet of 12” HDPE DR17 casing pipe will be horizontally directional drilled under Rattlesnake Creek.

Sheet 4.1 – Williamstown Master Meter Connection / Heekin Road: Approxiamtely 1940 feet of 6” PVC SDR21 and 520 feet of 8” HDPE DR9 waterline is being constructed to connect the existing dead end waterline on Heekin Rd to the Williamstown Municipal Water System. With this new waterline, approximately 440 feet of 12” steel casing pipe will be jack and bored under Interstate 75.

Sheet 5.1 – Vallandingham Road / Osborne Road: Approxiamtely 1460 feet of 6” PVC SDR21, 640 feet of 6” PVC SDR14 and 380 feet of 8” HDPE DR7 waterline is being constructed to connect the existing dead end waterlines on Vallandingham Rd and Osborne Rd. With this new waterline, approximately 210 feet of 12” HDPE DR17 casing pipe will be horizontally directional drilled under Arnolds Creek.

Identify how the sanitary wastewater produced as a result of this project will be handled:

No - Sanitary Sewer WWTP: NA

Yes - Septic Tanks

II. Utility Information

Utility Name: Bullock Pen Water District PWSID: 0410047

Street Address: 1 Farrell Drive County: Grant

City, State, Zip: Crittenden, KY 41030

Phone #: 859-428-2112 Fax #: 859-428-1293 Email: billybullockpen@fuse.net

If another utility will serve any portion of the proposed project, provide the name and PWSID No.

Utility Name: NA PWSID No. NA

If the utility serving the project purchases water from another utility, provide the name and PWSID No. and purchase contract amount.

Utility Name: Williamstown PWSID No. 0410472 Purchase Contract Amount: 150,000 gpd

Utility Name: Boone Co WD PWSID No. 0080034 Purchase Contract Amount: 100,000-500,000 gpd

Utility Name: Northern KY WD PWSID No. 0590220 Purchase Contract Amount: 300,000-600,000 gpd

Utility Name: Walton PWSID No. 0080442 Purchase Contract Amount: 100,000 gpd

Is the system currently under any type of waterline or sewer sanctions? No

If yes, submit an exception request and attach supporting documentation to justify its approval.

III. Design Considerations

A. Plans and Specifications

Plans and specifications shall comply with **401 KAR 8:100** and “**Recommended Standards for Water Works**” **2007 Edition (Ten States’ Standards)**. All plans must contain a P.E. seal, signature and date of signature with at least one set having an original seal and signature. Provide detailed plans (**no larger than 24” X 36”**) which must comply with **401 KAR 8:100**. See the instructions for additional details.

B. Design Engineer

Name: Patrick Deming Firm: CMW, Inc.

Street Address: 400 E. Vine Street, Suite 400

City, State, Zip: Lexington, KY 40507

Phone #: 859-254-6623 Fax #: 859-259-1877 Email: pdeming@cmwaec.com

Design Capacities

Identify the number of new connections and the projected average daily demand: 1 @ 75 gpd (Camping Area)

Identify the number of existing residents, and their projected water demand, that may be served as a result of this project:

Three (3) existing customers are to tap new waterline. Their demand is projected at 600 gpd.

Identify the number of connections in the service area: Bullock Pen Water District has 7,080± service connections.

Other Information to be Submitted with the Project

1. Provide a copy of the U.S.G.S. 7 1/2 minute topographic map or a detailed vicinity map with the location(s) of the proposed project.
2. If the project includes a new or upgraded pump station(s), provide the pump sizing calculations and the proposed pump's characteristics curve along with the efficiency, horsepower and NPSHR data. Also, identify each pump station's locations coordinates (DMS).
3. If the project proposes the addition of storage tanks, provide engineering calculations which demonstrates a complete fill and drain cycle every 72 hours. Also, identify each storage tank's location coordinates (DMS).
4. Provide engineering calculations or an electronic model demonstrating the availability of 30 psig in the waterline under peak demand conditions.
5. Provide engineering calculations or an electronic model that demonstrates if the proposed waterlines are capable of a 2.5 ft/sec flow velocity and show associated residual system pressures.
6. Provide a signed letter of acceptance from the utility, which states that the utility has reviewed and approved the plans and specifications and agrees to serve the proposed project upon completion. If another utility will own, operate and maintain any portion of this project provide an acceptance letter from that utility as well.
7. If the utility is a purchaser and the project demand is over 10,000 gallons per day or the utility has exceeded 85% of its purchase contract, provide a valid acceptance letter from the seller.
8. If the project will provide water service to existing residences, provide the names and addresses of all existing residences to be served by the project, if known.
9. If the project is funded by a State Revolving Fund Loan (SRF) provide a completed SRF Plans and Specifications Checklist along with 1 complete printed copy of the project specifications.

IV. Environmental Benefits

Identify the environmental benefit(s) of the project by checking all that apply.

NA - Construction of new waterlines serving existing residences previously without public water.

Yes - Modifies/upgrades existing waterlines:

NA - Inadequately sized waterlines.

Yes - Leaks, breaks, restrictive flow.

NA - Replaces lead, copper or asbestos cement waterlines.

Other: NA

Yes - Provides fire protection.

NA - Replaces tanks/pumps due to age/condition.

NA - Installation of high efficiency/energy saving pumps.

Other. Provide a brief description in the space below. NA

V. Fees

Check or money order must be made payable to "Kentucky State Treasurer" for the total amount. Fees do not apply to projects FUNDED by a municipality, water district, or other publicly owned utility.

Project Category: Public Facility Total Amount: \$ NA

BULLOCK PEN WATER DISTRICT

1 FARRELL DRIVE • P.O. BOX 188 • CRITTENDEN, KY 41030 • (859) 428-2112

November 18, 2014

Water Infrastructure Branch
KY Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, KY 40601

RE: Looped Water Lines, Phase 14
Bullock Pen Water District

Dear Sir:

The plans for the Looped Water Lines, Phase 14 project have been reviewed by the Bullock Pen Water District. The Bullock Pen Water District accepts the design, has the capacity to provide water to the project while maintaining satisfactory pressure and flow in their distribution system, and will provide water service to the project.

Sincerely,



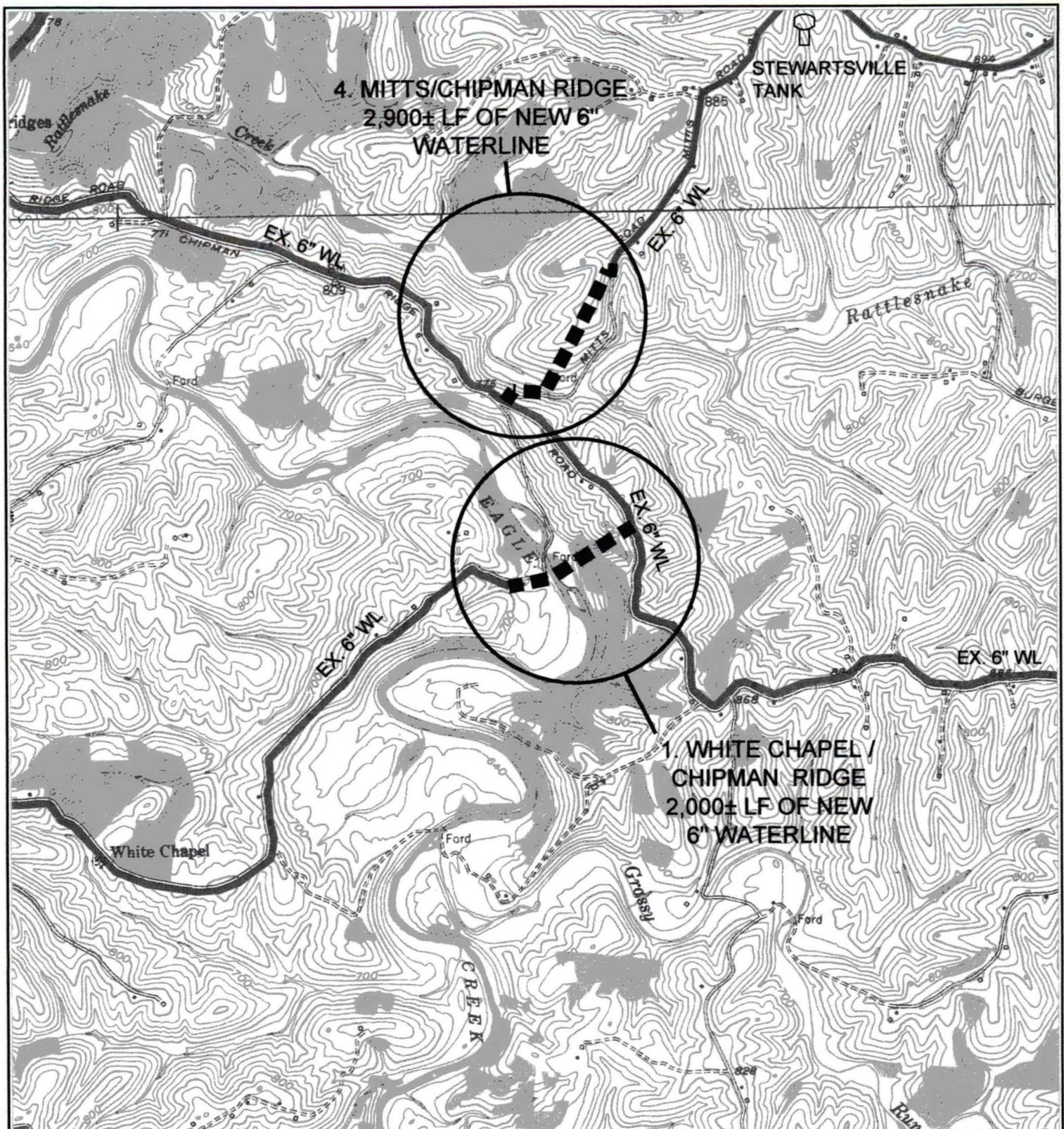
William Catlett
Superintendent

cc: CMW, Inc.
file

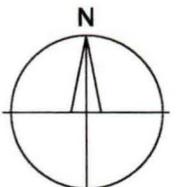
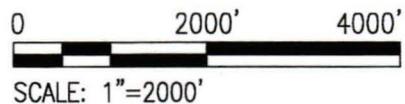
OPINION OF PROBABLE CONSTRUCTION COST
Looped Water Lines, Phase 14
Bullock Pen Water District
January 12, 2015

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	6" SDR 21 PVC	4,340	LF	\$15.00	\$65,100.00
2	6" SDR 14 PVC	3,980	LF	\$20.00	\$79,600.00
3	8" HDPE DR 9	520	LF	\$35.00	\$18,200.00
4	8" HDPE DR 7	920	LF	\$40.00	\$36,800.00
5	3/4" PE Service Line	200	LF	\$10.00	\$2,000.00
6	Bore & Jack 10" Steel Casing	65	LF	\$150.00	\$9,750.00
7	Bore & Jack 12" Steel Casing	440	LF	\$200.00	\$88,000.00
8	Directional Bore 12" HDPE DR 17 Casing Pipe	710	LF	\$150.00	\$106,500.00
9	Open Cut with 10" PVC Encasement	30	LF	\$55.00	\$1,650.00
10	6" Gate Valve, Complete with Box and Cover	8	EA	\$1,500.00	\$12,000.00
11	Wet Tap Existing 6" Water Main (Tapping Sleeve and Valve)	2	EA	\$2,500.00	\$5,000.00
12	Connection to existing 6" Water Main (Dry Tap)	5	EA	\$1,000.00	\$5,000.00
13	Air Release Valve	4	EA	\$1,500.00	\$6,000.00
14	Fire Hydrant	2	EA	\$4,500.00	\$9,000.00
15	Remove and Relocate Existing Fire Hydrant	1	EA	\$2,500.00	\$2,500.00
16	New Water Meter	1	EA	\$1,000.00	\$1,000.00
17	Relocate Water Meter	1	EA	\$1,000.00	\$1,000.00
18	Reconnect Water Meter	1	EA	\$500.00	\$500.00
19	Replace Water Meter and include PRV	1	EA	\$1,500.00	\$1,500.00
20	Bypass Meter	3	EA	\$1,000.00	\$3,000.00

21	Reconnect Ex Fire Hydrant	1	EA	\$1,500.00	\$1,500.00
22	Asphalt Repair	10	SY	\$100.00	\$1,000.00
23	12" HPDE DR 17 Casing Pipe with Concrete Encasement	20	LF	\$100.00	\$2,000.00
24	Extra Crushed Stone Bedding	50	TONS	\$50.00	\$2,500.00
25	Gravel Driveway Repair	65	SY	\$25.00	\$1,625.00
26	Wet Tap Existing 8" Water Main (Tapping Sleeve and Valve)	1	EA	\$3,000.00	\$3,000.00
27	10" PVC Casing Pipe with Concrete Encasement	14	LF	\$75.00	\$1,050.00
28	Master Meter Vault and Assembly	1	LS	\$75,000.00	\$75,000.00
SUB-TOTAL					\$541,775.00
CONTINGENCY (12.6%)					\$68,400.00
TOTAL CONSTRUCTION COST OPINION					\$610,175.00



 NEW 6" BPWD WATER LINE
 EXISTING BPWD WATER LINE



XRefs:
 ALLURE TO ASSESS BY...
 DESIGN DOCUMENTS...
 THE DESIGN PROFESSIONAL...
 OF THE DESIGN...
 PROFESSIONAL...
 DESIGN...
 DESIGN...
 DESIGN...

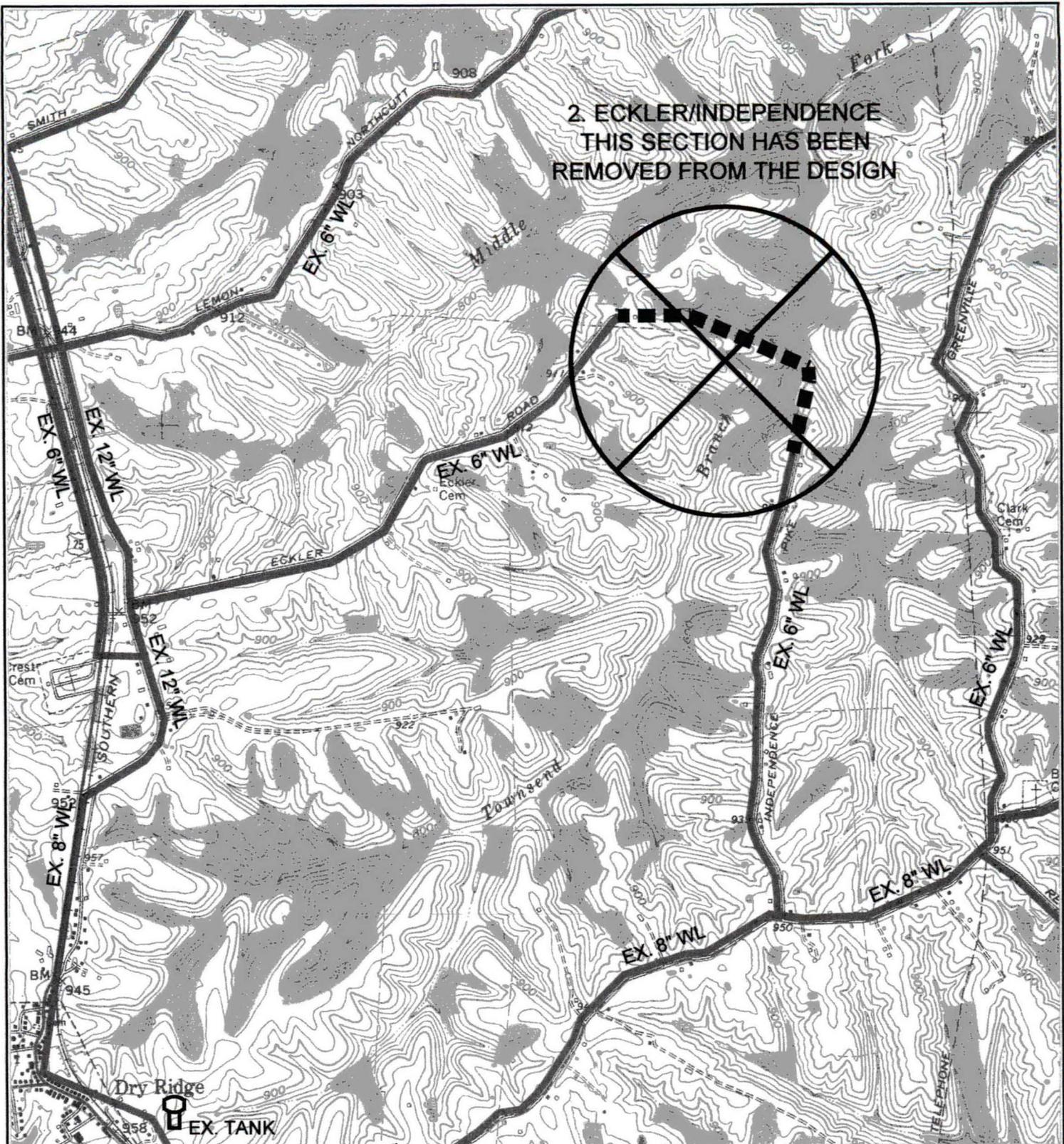
CMW inc.

400 E. Vine, Ste 400, Lexington, KY 40507 859.254.8623 Fax 859.259.1877

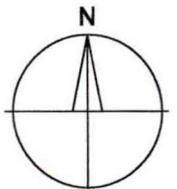
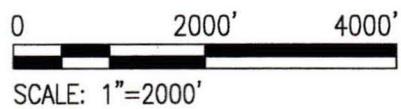
SECTIONS 1 & 4
 Looped Water Lines, Phase 14
 Bullock Pen Water District
 Crittenden, Kentucky

Dwg: USGS Maps.dwg
 Date: Jan. 12, 2015
 Project Number
13059.02
 © 2013 CMW
1

2. ECKLER/INDEPENDENCE
 THIS SECTION HAS BEEN
 REMOVED FROM THE DESIGN



 NEW 6" WATER LINE
 EXISTING BPWD WATER LINE



XRefs:
 THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

CMW inc.

400 E. Vine, Ste 400, Lexington, KY 40507 859.254.6623 Fax 859.259.1877

SECTION 2

Looped Water Lines, Phase 14
 Bullock Pen Water District
 Crittenden, Kentucky

Dwg: USGS Maps.dwg
 Date: Jan. 12, 2015

Project Number
 13059.02

© 2013 CMW

2

EXHIBIT 3

Final Project Cost Estimate

PROJECT COST
BPWD PH – 14 LOOPED WATER LINES REVISED
BULLOCK PEN WATER DISTRICT
JUNE 12, 2015

1. Construction	\$585,794
2. Legal	\$ 10,000
3. Environmental (Engineering Fees – Other)	\$ 10,000
4. Archeological Study (Miscellaneous)	\$ 4,000
5. Biological Study (Miscellaneous)	\$ 3,065
6. Administration	\$ 10,000
7. Preliminary Engineering (Planning)	\$ 5,000
8. Engineering Fees - Design	\$ 45,978
9. Engineering Fees – Construction	\$ 11,494
10. Resident Inspection	\$ 40,333
11. Easements	\$ 20,000
12. PSC Submittal (Miscellaneous)	\$ 5,000
13. Telemetry (Miscellaneous)	\$ 20,000
14. Contingencies	\$ 98,936
TOTAL PROJECT COST	\$869,600

EXHIBIT 4

Final Engineering Report

TABLE OF CONTENTS

1. Bid Advertisement
2. Bid Tabulation
3. Minutes of Bid Opening
4. Engineers Recommendation
5. Bid of Low Bidder – Contract 1
6. Bid of Low Bidder – Contract 2
7. Bid of Low Bidder – Contract 3
8. Bid of Low Bidder – Contract 4
9. As-Bid Project Cost
10. Project Map



Final Engineering Report

Looped Water Lines, Phase 14

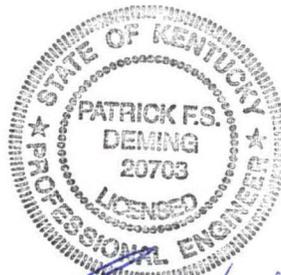
Bullock Pen Water District

Crittenden, Grant County, KY

By

CMW, Inc.
400 E. Vine Street
Suite 400
Lexington, KY 40507

June, 2015



Patrick F.S. Deming
6-17-2015



Affidavit of Publication

Publisher's Fee 490.90 Affidavit Charge 10.00

State of Ohio

}

}

} SS.

}

Hamilton County

}

Personally appeared Janice Colston

Of the The Enquirer, a newspaper printed in Cincinnati, Ohio and published in Cincinnati, in said County and State, and of general circulation in said county, and as to the Kentucky Enquirer published in Ft. Mitchell, Kenton County, Kentucky, who being duly sworn, depose and saith that the advertisement of which the annexed is a true copy, has been published in the said newspaper 1 times, once in each issue as follows:

5/25/15

- Cincinnati Enquirer
- Kentucky Enquirer
- Cincinnati.Com

Janice Colston

AFFIANT

Sworn to before me, this

5/26/15

Crystal Williams

Notary Public of Ohio

**LEGAL NOTICE
ADVERTISEMENT FOR BIDS
Bullock Pen Water District**

Separate sealed BIDS for Looped Water Lines, Phase 14 - Bullock Pen Water District, Crittenden, Kentucky, will be received by the Owner at the office of Bullock Pen Water District, Crittenden, Kentucky, until 11:00 am EDT on Friday, June 12, 2015 and then publicly opened and read aloud.

Construction of Contract 1 - White Chapel/Chipman Ridge section of the Looped Water Lines, Phase 14 project will consist of construction of 1,440' of 6" PVC waterline, 500' of 8" HDPE waterline, jack & bored casing pipe, directional bored casing pipe, gate valves, wet tap, dry tap, air release valve, fire hydrant, bypass meter, and all other necessary appurtenances.

Construction of Contract 2 - Mitts/Chipman Ridge section of the Looped Water Lines, Phase 14 project will consist of construction of 2,720' of 6" PVC waterline, 160' of 8" HDPE waterline, service lines, directional bored casing pipe, gate valves, wet tap, dry tap, air release valve, fire hydrant, meters, and all other necessary appurtenances.

Construction of Contract 3 - Williamstown Master Meter Connection section of the Looped Water Lines, Phase 14 project will consist of construction of 1,940' of 6" PVC waterline, 520' of 8" HDPE waterline, jack & bored casing pipe, gate valves, wet tap, dry tap, air release valve, fire hydrant, master meter assembly, and all other necessary appurtenances.

Construction of Contract 4 - Vallandigham/Osborne section of the Looped Water Lines, Phase 14 project will consist of construction of 2,100' of 6" PVC waterline, 380' of 8" HDPE waterline, service lines, directional bored casing pipe, gate valves, dry taps, air release valve, fire hydrants, meters, concrete & pipe encasement, asphalt replacement, gravel driveway replacement, and all other necessary appurtenances.

The CONTRACT DOCUMENTS may be examined at the following locations:

- CMW, Inc., 400 E. Vine Street, Suite 400, Lexington, KY
- Bullock Pen Water District, 1 Farrell Drive, Crittenden, KY
- Associated General Contractors/McGraw Hill/Dodge Plan Room, 950 Contract Street, Suite 100A, Lexington, KY
- Allied Construction Industries, 1010 Yale Avenue, Cincinnati, OH
- Reed Construction Data/ABC Plan Room, 1812 Taylor Avenue, Louisville, KY
- Reed Construction Data/ABC Plan Room, 2020 Liberty Road, Suite 110, Lexington, KY
- F. W. Dodge Plan Room, Grant Baldwin Building, 655 Eden Park Road, Suite 515, Cincinnati, OH 45202

Copies of the CONTRACT DOCUMENTS may be obtained from Lynn Imaging, 328 Old Vine Street, Lexington, KY 40507, phone (859) 255-1021 upon the following non-refundable payment of \$75.00 for each set. Make check payable to CMW, Inc.

If bidding documents are requested to be sent by mail, include an additional cost for each set to cover cost of handling and postage. This check shall be made payable to Lynn Imaging.

The Owner reserves the right to waive any informality or to reject any or all bids.

Each bidder must deposit with his bid, security in the amount, form and subject to the conditions provided in the Information for Bidders.

No bidder may withdraw his bid within 90 days after the actual date of the opening thereof.

Award will be made to the lowest, responsive, responsible Bidder unless all bids are rejected.

Each bidder must comply with Title VI of the Civil Rights Act of 1964, the Anti-Kickback Act, and Contract Work Hours Standard Act.

Each bidder must comply with the President's Executive Order No. 11246 as amended, which prohibits discrimination in employment regarding race, creed, color, sex or national origin.

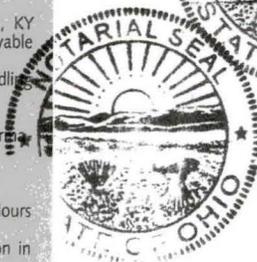
Each bidder shall provide a Certification of Prior Work under Executive Order 11246 (Equal Employment Opportunity) as amended.

Each bidder and their subcontractors will comply with 41 CFR 60-4, in regard to Affirmative Action, to insure equal opportunity to females and minorities and will apply the time table and goal set forth in 41 CFR 60-4.

Each bidder will make positive efforts to use small, minority, woman owned and disadvantaged businesses.

This contract is being funded in part with the Kentucky Infrastructure Authority Federal Assisted Drinking Water Revolving Fund Loan.

This contract will be subject to DOW Procurement Guidance including the Davis-Bacon Act.



Crystal Williams
Notary Public, State of Ohio
My Commission Expires 08-24-2015

Crystal Williams
Notary Public, State of Ohio
My Commission Expires 08-24-2015



Bid Tabulation

400 EAST VINE
LEXINGTON, KENTUCKY

PROJECT BUDGET: \$610,175

PROJECT: Bullock Pen Water District, Looped Water Lines, Phase 14

BID DATE: 11:00 a.m. on June 12, 2015

PRIME CONTRACTORS	BID BOND	ADDENDA 1 6/5/15	CONTRACT #1	CONTRACT #2	CONTRACT #3	CONTRACT #4	NOTES
Brass Eagle Excavation							
Clay Pipeline, Inc.	X	X	\$126,541.00	\$88,311.00	\$267,707.00	\$103,235.00	
Cleary Construction, Inc.							
Gemmer and Sons							
Hale Contracting Co, Inc.	X	X	\$178,422.00	\$137,484.00	\$364,520.00	\$156,522.00	
Lawrence Construction and Leasing							
Lonkard Construction Company	X	X	\$177,475.00	\$140,260.00	\$347,425.00	\$144,650.00	
Packs, Inc.	X	X	\$150,005.00	\$105,085.00	No Bid	\$125,483.00	
Stotts Construction Co. Inc.	X	X	\$137,780.00	\$105,430.00	\$300,725.00	\$115,255.00	
Tilton Excavating LLC							

I CERTIFY THAT THE ABOVE IS A TRUE AND ACCURATE TABULATION OF THE BIDS RECEIVED FOR THIS PROJECT ON THE DATE LISTED ABOVE.
CMW, INC.

By: _____



BULLOCK PEN WATER DISTRICT, LOOPED WATER LINES, PHASE 14

TOTAL ALL PROJECTS	CLAY PIPELINE, INC	HALE CONTRACTING	LONKARD CONSTRUCTION COMPANY	PACKS, INC.	STOTTS CONSTRUCTION COMPANY, INC.
DECRPTION	TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST
WHITE CHAPEL / CHIPMAN RIDGE - CONTRACT 1	\$ 126,541.00	\$ 178,422.00	\$ 177,475.00	\$ 150,005.00	\$ 137,780.00
MITTS / CHIPMAN RIDGE - CONTRACT 2	\$ 88,311.00	\$ 137,484.00	\$ 140,260.00	\$ 105,085.00	\$ 105,430.00
WILLIAMSTOWN MASTER METER - CONTRACT 3	\$ 267,707.00	\$ 364,520.00	\$ 347,425.00	\$ -	\$ 300,725.00
VALLANDINGHAM / OSBORNE - CONTRACT 4	\$ 103,235.00	\$ 156,552.00	\$ 144,650.00	\$ 125,483.00	\$ 115,255.00
TOTAL FOR ALL BID SHEETS	\$ 585,794.00	\$ 836,978.00	\$ 809,810.00	<i>W/O Contract 3</i> \$ 380,573.00	\$ 659,190.00

BULLOCK PEN WATER DISTRICT- LOOPED WATER LINES, PHASE 14

WHITE CHAPEL / CHIPMAN RIDGE, LOOPED WATER LINES, PHASE 14 - CONTRACT 1			CLAY PIPELINE, INC.		HALE CONTRACTING, INC		LONKARD CONSTRUCTION COMPANY		PACKS, INC.		STOTTS CONSTRUCTION CO, INC.	
DESCRIPTION	EST. QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6" PVC SDR14 Water Main, C900 Class 200	1,440	LF	\$ 16.20	\$ 23,328.00	\$ 27.30	\$ 39,312.00	\$ 35.00	\$ 50,400.00	\$ 29.85	\$ 42,984.00	\$ 20.00	\$ 28,800.00
8" HDPE DR7 Water Main, Class 267	500	LF	\$ 28.10	\$ 14,050.00	\$ 40.00	\$ 20,000.00	\$ 30.00	\$ 15,000.00	\$ 31.45	\$ 15,725.00	\$ 50.00	\$ 25,000.00
Connection to Existing 6" Water Main (Dry Tap)	1	EA	\$ 1,250.00	\$ 1,250.00	\$ 2,000.00	\$ 2,000.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,500.00	\$ 1,500.00
Wet Tap Existing 6" Water Main (Sleeve and Valve)	1	EA	\$ 2,358.00	\$ 2,358.00	\$ 4,300.00	\$ 4,300.00	\$ 3,500.00	\$ 3,500.00	\$ 2,763.00	\$ 2,763.00	\$ 1,800.00	\$ 1,800.00
6" Gate Valve, Complete with Box and Cover	1	EA	\$ 1,312.00	\$ 1,312.00	\$ 1,200.00	\$ 1,200.00	\$ 975.00	\$ 975.00	\$ 984.00	\$ 984.00	\$ 1,100.00	\$ 1,100.00
Air Release Valve	1	EA	\$ 1,430.00	\$ 1,430.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00	\$ 1,400.00	\$ 1,203.00	\$ 1,203.00	\$ 1,000.00	\$ 1,000.00
Jack and Bore with 10" Steel Casing Pipe	25	LF	\$ 124.00	\$ 3,100.00	\$ 228.00	\$ 5,700.00	\$ 350.00	\$ 8,750.00	\$ 101.00	\$ 2,525.00	\$ 160.00	\$ 4,000.00
Directional Bore 12" HDPE Casing Pipe	460	LF	\$ 157.00	\$ 72,220.00	\$ 209.00	\$ 96,140.00	\$ 195.00	\$ 89,700.00	\$ 164.00	\$ 75,440.00	\$ 150.00	\$ 69,000.00
Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 51.00	\$ 510.00	\$ 25.00	\$ 250.00
Extra 3/4" PE Service Line	10	LF	\$ 10.00	\$ 100.00	\$ 12.00	\$ 120.00	\$ 20.00	\$ 200.00	\$ 7.50	\$ 75.00	\$ 6.00	\$ 60.00
Extra Reconnect Water Meter	1	EA	\$ 300.00	\$ 300.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 405.00	\$ 405.00	\$ 550.00	\$ 550.00
By-Pass Meter	1	EA	\$ 2,215.00	\$ 2,215.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,670.00	\$ 2,670.00	\$ 1,200.00	\$ 1,200.00
Reconnect Existing Fire Hydrant Assembly	1	EA	\$ 818.00	\$ 818.00	\$ 800.00	\$ 800.00	\$ 2,000.00	\$ 2,000.00	\$ 513.00	\$ 513.00	\$ 2,000.00	\$ 2,000.00
Extra Repair Asphalt Pavement	10	SY	\$ 74.00	\$ 740.00	\$ 120.00	\$ 1,200.00	\$ 65.00	\$ 650.00	\$ 78.00	\$ 780.00	\$ 90.00	\$ 900.00
Extra Repair Gravel Driveway with 2" Compacted DGA	10	SY	\$ 24.00	\$ 240.00	\$ 25.00	\$ 250.00	\$ 10.00	\$ 100.00	\$ 46.00	\$ 460.00	\$ 20.00	\$ 200.00
Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 205.00	\$ 2,870.00	\$ 175.00	\$ 2,450.00	\$ 100.00	\$ 1,400.00	\$ 87.00	\$ 1,218.00	\$ 30.00	\$ 420.00
TOTAL BID				\$ 126,541.00		\$ 178,422.00		\$ 177,475.00		\$ 150,005.00		\$ 137,780.00

BULLOCK PEN WATER DISTRICT- LOOPED WATER LINES, PHASE 14

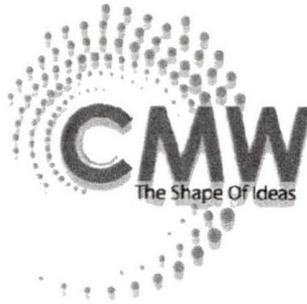
MITTS / CHIPMAN RIDGE, LOOPED WATER LINES, PHASE 14 - CONTRACT 2			CLAY PIPELINE, INC.		HALE CONTRACTING, INC.		LONKARD CONSTRUCTION COMPANY		PACKS, INC.		STOTTS CONSTRUCTION CO, INC.	
DESCRIPTION	ESTIMATED QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6" PVC SDR21 Water Main, Class 200	940	LF	\$ 13.25	\$ 12,455.00	\$ 27.00	\$ 25,380.00	\$ 31.00	\$ 29,140.00	\$ 19.25	\$ 18,095.00	\$ 20.00	\$ 18,800.00
6" PVC SDR14 Water Main, C900 Class 200	1,780	LF	\$ 16.20	\$ 28,836.00	\$ 27.30	\$ 48,594.00	\$ 34.00	\$ 60,520.00	\$ 21.30	\$ 37,914.00	\$ 22.00	\$ 39,160.00
8" HDPE DR7 Water Main, Class 267	160	LF	\$ 32.20	\$ 5,152.00	\$ 45.00	\$ 7,200.00	\$ 30.00	\$ 4,800.00	\$ 41.00	\$ 6,560.00	\$ 50.00	\$ 8,000.00
Connection to Existing 6" Water Main (Dry Tap)	1	EA	\$ 1,250.00	\$ 1,250.00	\$ 2,000.00	\$ 2,000.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,500.00	\$ 1,500.00
Wet Tap Existing 6" Water Main (Sleeve and Valve)	1	EA	\$ 2,358.00	\$ 2,358.00	\$ 4,300.00	\$ 4,300.00	\$ 3,500.00	\$ 3,500.00	\$ 2,763.00	\$ 2,763.00	\$ 1,800.00	\$ 1,800.00
6" Gate Valve, Complete with Box and Cover	2	EA	\$ 1,312.00	\$ 2,624.00	\$ 1,200.00	\$ 2,400.00	\$ 975.00	\$ 1,950.00	\$ 984.00	\$ 1,968.00	\$ 1,100.00	\$ 2,200.00
Fire Hydrant Assembly	1	EA	\$ 3,880.00	\$ 3,880.00	\$ 3,900.00	\$ 3,900.00	\$ 3,700.00	\$ 3,700.00	\$ 4,007.00	\$ 4,007.00	\$ 3,900.00	\$ 3,900.00
Air Release Valve	1	EA	\$ 1,430.00	\$ 1,430.00	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00	\$ 1,203.00	\$ 1,203.00	\$ 1,000.00	\$ 1,000.00
Directional Bore 12" HDPE Casing Pipe	140	LF	\$ 148.00	\$ 20,720.00	\$ 229.00	\$ 32,060.00	\$ 195.00	\$ 27,300.00	\$ 165.00	\$ 23,100.00	\$ 170.00	\$ 23,800.00
Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 51.00	\$ 510.00	\$ 25.00	\$ 250.00
3/4" PE Service Line	100	LF	\$ 10.00	\$ 1,000.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 7.50	\$ 750.00	\$ 6.50	\$ 650.00
New Water Meter	1	EA	\$ 1,036.00	\$ 1,036.00	\$ 1,300.00	\$ 1,300.00	\$ 1,100.00	\$ 1,100.00	\$ 932.00	\$ 932.00	\$ 1,100.00	\$ 1,100.00
Reconnect Water Meter	1	EA	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 405.00	\$ 405.00	\$ 550.00	\$ 550.00
By-Pass Meter	1	EA	\$ 2,220.00	\$ 2,220.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,670.00	\$ 2,670.00	\$ 1,200.00	\$ 1,200.00
Extra Repair Asphalt Pavement	10	SY	\$ 163.00	\$ 1,630.00	\$ 120.00	\$ 1,200.00	\$ 65.00	\$ 650.00	\$ 78.00	\$ 780.00	\$ 90.00	\$ 900.00
Extra Repair Gravel Driveway with 2" Compacted DGA	10	SY	\$ 24.00	\$ 240.00	\$ 25.00	\$ 250.00	\$ 10.00	\$ 100.00	\$ 46.00	\$ 460.00	\$ 20.00	\$ 200.00
Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 205.00	\$ 2,870.00	\$ 175.00	\$ 2,450.00	\$ 100.00	\$ 1,400.00	\$ 87.00	\$ 1,218.00	\$ 30.00	\$ 420.00
TOTAL BID				\$ 88,311.00		\$ 137,484.00		\$ 140,260.00		\$ 105,085.00		\$ 105,430.00

BULLOCK PEN WATER DISTRICT- LOOPED WATER LINES, PHASE 14

WILLIAMSTOWN / MASTER METER CONNECTION, LOOPED WATER LINES, PHASE 14 - CONTRACT 3			CLAY PIPELINE, INC.		HALE CONTRACTING, INC.		LONKARD CONSTRUCTION COMPANY		PACKS, INC.		STOTTS CONSTRUCTION CO, INC.	
DESCRIPTION	ESTIMATED QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6" PVC SDR21 Water Main, Class 200	1,940	LF	\$ 13.25	\$ 25,705.00	\$ 29.00	\$ 56,260.00	\$ 30.00	\$ 58,200.00	\$ -		\$ 20.00	\$ 38,800.00
8" HDPE DR9 Water Main, Class 200	520	LF	\$ 26.00	\$ 13,520.00	\$ 45.00	\$ 23,400.00	\$ 30.00	\$ 15,600.00			\$ 37.00	\$ 19,240.00
Connection to Existing 6" Water Main (Dry Tap)	1	EA	\$ 1,548.00	\$ 1,548.00	\$ 2,000.00	\$ 2,000.00	\$ 1,750.00	\$ 1,750.00			\$ 1,500.00	\$ 1,500.00
6" Gate Valve, Complete with Box and Cover	1	EA	\$ 1,250.00	\$ 1,250.00	\$ 1,200.00	\$ 1,200.00	\$ 975.00	\$ 975.00			\$ 1,100.00	\$ 1,100.00
Fire Hydrant Assembly	1	EA	\$ 3,880.00	\$ 3,880.00	\$ 3,900.00	\$ 3,900.00	\$ 3,800.00	\$ 3,800.00			\$ 3,900.00	\$ 3,900.00
Air Release Valve	1	EA	\$ 1,430.00	\$ 1,430.00	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00			\$ 1,000.00	\$ 1,000.00
Jack and Bore with 10" Steel Casing Pipe	40	LF	\$ 123.00	\$ 4,920.00	\$ 228.00	\$ 9,120.00	\$ 260.00	\$ 10,400.00			\$ 150.00	\$ 6,000.00
Jack and Bore with 12" Steel Casing Pipe	440	LF	\$ 290.00	\$ 127,600.00	\$ 473.50	\$ 208,340.00	\$ 440.00	\$ 193,600.00			\$ 350.00	\$ 154,000.00
Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00			\$ 25.00	\$ 250.00
Extra 3/4" PE Service Line	10	LF	\$ 10.00	\$ 100.00	\$ 15.00	\$ 150.00	\$ 25.00	\$ 250.00			\$ 6.50	\$ 65.00
Extra Reconnect Water Meter	1	EA	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00			\$ 550.00	\$ 550.00
Extra Repair Asphalt Pavement	10	SY	\$ 163.00	\$ 1,630.00	\$ 120.00	\$ 1,200.00	\$ 65.00	\$ 650.00			\$ 90.00	\$ 900.00
Extra Repair Gravel Driveway with 2" Compacted DGA	10	SY	\$ 29.00	\$ 290.00	\$ 25.00	\$ 250.00	\$ 10.00	\$ 100.00			\$ 20.00	\$ 200.00
Wet Tap Existing 8" Water Main (Sleeve and Valve)	1	EA	\$ 2,370.00	\$ 2,370.00	\$ 4,200.00	\$ 4,200.00	\$ 3,750.00	\$ 3,750.00			\$ 2,800.00	\$ 2,800.00
Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 2,876.00	\$ 40,264.00	\$ 175.00	\$ 2,450.00	\$ 100.00	\$ 1,400.00			\$ 30.00	\$ 420.00
Master Meter Vault and Assembly, Include All Items on the Master Meter Details Sheet 3.1M	1	Lump Sum	\$ 42,590.00	\$ 42,590.00	\$ 49,600.00	\$ 49,600.00	\$ 55,000.00	\$ 55,000.00			\$ 70,000.00	\$ 70,000.00
TOTAL BID				\$ 267,707.00		\$ 364,520.00		\$ 347,425.00				\$ 300,725.00

BULLOCK PEN WATER DISTRICT- LOOPED WATER LINES, PHASE 14

VALLANDINGHAM / OSBORNE, LOOPED WATER LINES, PHASE 14 - CONTRACT 4			CLAY PIPELINE, INC.		HALE CONTRACTING, INC.		LONKARD CONSTRUCTION COMPANY		PACKS, INC.		STOTTS CONSTRUCTION CO. INC.	
DESCRIPTION	ESTIMATED QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6" PVC SDR21 Water Main, Class 200	1,460	LF	\$ 14.00	\$ 20,440.00	\$ 29.00	\$ 42,340.00	\$ 30.00	\$ 43,800.00	\$ 22.60	\$ 32,996.00	\$ 20.00	\$ 29,200.00
6" PVC SDR14 Water Main, C900 Class 200	640	LF	\$ 15.30	\$ 9,792.00	\$ 27.30	\$ 17,472.00	\$ 35.00	\$ 22,400.00	\$ 24.65	\$ 15,776.00	\$ 20.00	\$ 12,800.00
8" HDPE DR7 Water Main, Class 267	380	LF	\$ 26.70	\$ 10,146.00	\$ 45.00	\$ 17,100.00	\$ 30.00	\$ 11,400.00	\$ 33.00	\$ 12,540.00	\$ 37.00	\$ 14,060.00
Connection to Existing 6" Water Main (Dry Tap)	2	EA	\$ 1,550.00	\$ 3,100.00	\$ 2,000.00	\$ 4,000.00	\$ 1,750.00	\$ 3,500.00	\$ 1,753.00	\$ 3,506.00	\$ 1,500.00	\$ 3,000.00
6" Gate Valve, Complete with Box and Cover	4	EA	\$ 1,250.00	\$ 5,000.00	\$ 1,200.00	\$ 4,800.00	\$ 975.00	\$ 3,900.00	\$ 984.00	\$ 3,936.00	\$ 1,100.00	\$ 4,400.00
Remove and Relocate Fire Hydrant Assembly	1	EA	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 2,000.00	\$ 2,000.00	\$ 986.00	\$ 986.00	\$ 2,000.00	\$ 2,000.00
Air Release Valve	1	EA	\$ 1,430.00	\$ 1,430.00	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00	\$ 1,203.00	\$ 1,203.00	\$ 1,000.00	\$ 1,000.00
Open Cut with 10" PVC Casing Pipe	30	LF	\$ 105.00	\$ 3,150.00	\$ 100.00	\$ 3,000.00	\$ 70.00	\$ 2,100.00	\$ 31.00	\$ 930.00	\$ 30.00	\$ 900.00
Directional Bore 12" HDPE Casing Pipe	210	LF	\$ 158.00	\$ 33,180.00	\$ 229.00	\$ 48,090.00	\$ 195.00	\$ 40,950.00	\$ 164.00	\$ 34,440.00	\$ 165.00	\$ 34,650.00
12" HDPE Casing Pipe with Concrete Encasement at Creek	20	LF	\$ 121.00	\$ 2,420.00	\$ 200.00	\$ 4,000.00	\$ 100.00	\$ 2,000.00	\$ 80.00	\$ 1,600.00	\$ 60.00	\$ 1,200.00
Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 51.00	\$ 510.00	\$ 25.00	\$ 250.00
3/4" PE Service Line	150	LF	\$ 10.00	\$ 1,500.00	\$ 15.00	\$ 2,250.00	\$ 15.00	\$ 2,250.00	\$ 7.50	\$ 1,125.00	\$ 6.50	\$ 975.00
Relocate Water Meter	1	EA	\$ 600.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 500.00	\$ 500.00	\$ 694.00	\$ 694.00	\$ 550.00	\$ 550.00
Replace Water Meter and Include PRV	1	EA	\$ 830.00	\$ 830.00	\$ 1,700.00	\$ 1,700.00	\$ 1,200.00	\$ 1,200.00	\$ 455.00	\$ 455.00	\$ 1,200.00	\$ 1,200.00
Extra Reconnect Water Meter	1	EA	\$ 600.00	\$ 600.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00	\$ 405.00	\$ 405.00	\$ 550.00	\$ 550.00
By-Pass Meter	1	EA	\$ 2,090.00	\$ 2,090.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,670.00	\$ 2,670.00	\$ 1,200.00	\$ 1,200.00
Reconnect Existing Fire Hydrant Assembly	1	EA	\$ 300.00	\$ 300.00	\$ 800.00	\$ 800.00	\$ 2,000.00	\$ 2,000.00	\$ 513.00	\$ 513.00	\$ 2,000.00	\$ 2,000.00
Repair Asphalt Pavement	10	SY	\$ 163.00	\$ 1,630.00	\$ 120.00	\$ 1,200.00	\$ 70.00	\$ 700.00	\$ 78.00	\$ 780.00	\$ 90.00	\$ 900.00
Repair Gravel Driveway WITH 2" Compacted DGA	200	SY	\$ 29.00	\$ 5,800.00	\$ 5.00	\$ 1,000.00	\$ 8.00	\$ 1,600.00	\$ 46.00	\$ 9,200.00	\$ 20.00	\$ 4,000.00
Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 15.50	\$ 217.00	\$ 175.00	\$ 2,450.00	\$ 100.00	\$ 1,400.00	\$ 87.00	\$ 1,218.00	\$ 30.00	\$ 420.00
TOTAL BID				\$ 103,235.00		\$ 156,552.00		\$ 144,650.00		\$ 125,483.00		\$ 115,255.00



DATE: June 17, 2015
FROM: CMW, Inc.
SUBJECT: BPWD Looped Water Lines, Phase 14
Bid Opening Minutes

ATTENDEES: Patrick Deming, CMW Inc.
Billy Catlett, BPWD Superintendent
Don Gibson, Viking Supply
Gina Slayback, Lonkard Construction
Dean Stith, Hale Contracting

The sign-in sheet is attached.

The following letter is being issued to provide a summary of the noteworthy items at the bid opening for the BPWD Looped Water Lines, Phase 14 project at the Bullock Pen Water District office.

Bids were accepted by the Bullock Pen Water District (BPWD) until 11:00 am on Friday, June 12, 2015. At 11:00 am, Patrick Deming, Project Engineer, announced the time is 11:00 am on Friday, June 12, 2015. The period for receipt of bids is closed, and we will now open the bids for the Bullock Pen Water District Looped Water Lines, Phase 14 project.

Patrick Deming then opened all bids, read aloud the name of the bidder, read aloud the base bid amount, checked to see the bids were signed, checked that the bid bond was attached, checked that the addendum was acknowledged, and filled out the bid tabulation form.

The apparent low bidder for Contract 1 was announced as Clay Pipeline, Inc. with a bid of \$126,541.00. The apparent low bidder for Contract 2 was announced as Clay Pipeline, Inc. with a bid of \$88,311.00. The apparent low bidder for Contract 3 was announced as Clay Pipeline, Inc. with a bid of \$267,707.00. The apparent low bidder for Contract 4 was announced as Clay Pipeline, Inc. with a bid of \$103,235.00.

With no further business, the opening was complete.

Sincerely,

A handwritten signature in black ink, appearing to read 'Patrick Deming', is written over a light blue horizontal line.

Patrick Deming, PE





June 15, 2015

Mr. Bobby Burgess, Chairman
Bullock Pen Water District
P.O. Box 188
Crittenden, KY 41030

RE: BPWD Looped Water Lines, Phase 14
Bullock Pen Water District

Dear Bobby,

I have reviewed all the bids for the BPWD Looped Water Lines, Phase 14 that were opened on June 12, 2015 and found no errors in the bid. The low bidder for all four contracts is Clay Pipeline, Inc. with a bid total of \$585,794.00 (Contract 1 is \$126,541.00, Contract 2 is \$88,311.00, Contract 3 is \$267,707.00, and Contract 4 is \$103,235.00). With the engineer's estimate being \$572,650, the low bid total is within 2.3% of our estimated amount.

Clay Pipeline, Inc. has built water lines for the Bullock Pen Water District, and I recently worked with them on a project for the Madison County Water District. I do not have any concerns with them, have not heard of anyone having problems with them, and to my knowledge the work they did for the Bullock Pen Water District was done well. Unless directed otherwise, I see no reason to ask Clay Pipeline, Inc. for references.

Attached is a copy of the As-Bid Budget for this project. With the total bid slotted in as the construction cost, the project is under budget. This allows for more funds (\$98,936 total) to be shifted into contingency. I do not anticipate \$98,936 in unforeseen costs and change orders, so the final amount borrowed on the loan should be less than budgeted.

I recommend that all four contracts for the BPWD Looped Water Lines, Phase 14 project be awarded to Clay Pipeline, Inc. at the bid prices of \$126,541.00 for Contract 1, \$88,311.00 for Contract 2, \$267,707.00 for Contract 3, and \$103,235.00 for Contract 4.

If you have any questions, please feel free to contact me at (859) 254-6623.

Sincerely,

A handwritten signature in black ink, appearing to read 'Patrick Deming', is written over a light blue circular background.

Patrick Deming, PE



BID

CONTRACT 1 - WHITE CHAPEL/CHIPMAN RIDGE
LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT

Proposal of Clay Pipeline, Inc. (hereinafter called "BIDDER"),
a Corporation * organized and existing under the laws of the State of
KY doing business as Clay Pipeline, Inc.

To the Bullock Pen Water District (hereinafter called "OWNER").

* Insert "a corporation", "a partnership", or "an individual" as applicable.

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of Contract 1 – White Chapel/Chipman Ridge section of the Looped Water Lines, Phase 14, project for the Bullock Pen Water District, Crittenden, Kentucky, in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, the BIDDER certifies, and in the case of a joint BID each party there to certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the base bid within 60 consecutive calendar days. BIDDER further agrees to pay as liquidated damages, the sum of \$500 for each consecutive calendar day thereafter as hereinafter provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

No. <u>1</u> Dated <u>6-5-2015</u>	No. _____ Dated _____
No. _____ Dated _____	No. _____ Dated _____
No. _____ Dated _____	No. _____ Dated _____

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for CONTRACT 1 - WHITE CHAPEL/CHIPMAN RIDGE of the LOOPED WATER LINES, PHASE 14 project for the following unit prices:

- NOTE: (1) BIDS shall include sales tax and all other applicable taxes and fees.
- (2) Breakdown of work is for general information. Any work shown on Drawings and/or specified but not listed below shall be included in total base bid. Cost of items of work not specifically described below may be added to related bid item(s) at bidder's discretion.

BID SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
2.	6" PVC SDR14 Water Main, C900 Class 200	1,440	LF	\$ 16.20	\$ 23,328.00
4.	8" HDPE DR7 Water Main, Class 267	500	LF	\$ 28.10	\$ 14,050.00
5.	Connection to Existing 6" Water Main (Dry Tap)	1	EA	\$ 1250.00	\$ 1,250.00
6.	Wet Tap Existing 6" Water Main (Sleeve and Valve)	1	EA	\$ 2358.00	\$ 2,358.00
7.	6" Gate Valve, Complete with Box and Cover	1	EA	\$ 1312.00	\$ 1,312.00
10.	Air Release Valve	1	EA	\$ 1430.00	\$ 1,430.00
11.	Jack and Bore with 10" Steel Casing Pipe	25	LF	\$ 124.00	\$ 3,100.00
14.	Directional Bore 12" HDPE Casing Pipe	460	LF	\$ 157.00	\$ 72,220.00
16.	Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00
17.	Extra 3/4" PE Service Line	10	LF	\$ 10.00	\$ 100.00
21.	Extra Reconnect Water Meter	1	EA	\$ 300.00	\$ 300.00
22.	By-Pass Meter	1	EA	\$ 2215.00	\$ 2,215.00
23.	Reconnect Existing Fire Hydrant Assembly	1	EA	\$ 818.00	\$ 818.00
24.	Extra Repair Asphalt Pavement	10	SY	\$ 74.00	\$ 740.00
25.	Extra Repair Gravel Driveway with 2" Compacted DGA	10	SY	\$ 24.00	\$ 240.00

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
27.	Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 205.00	\$ 2,870.00

TOTAL PART I: BASE BID

\$ 126,541.00

(USE FIGURES)

One Hundred Twenty Six Thousand, Five Hundred Forty one Dollars & No Cent

(USE WORDS)

TOTAL AMOUNTS SHALL BE SHOWN IN BOTH WORDS AND FIGURES. IN CASE OF DISCREPANCIES, THE AMOUNT AS WRITTEN IN WORDS SHALL GOVERN.

The above price shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for. Changes shall be processed in accordance with the General Conditions.

Determination of low bidder will be based on the lowest and best Total Bid. Award will be made to the lowest responsive, responsible Bidder.

The Bidder agrees that the Owner reserves the right to delete the whole or any part of the project from the Contract.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of ninety (90) calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, Bidder will execute the formal contract attached within ten (10) days and deliver a surety bond or bonds as required by Article 22 of the General Conditions.

Respectfully submitted:

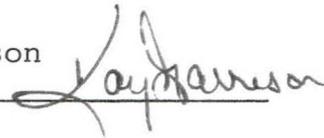
Clay Pipeline, Inc.

(Name of Contracting Firm)

ADDRESS: 70 Fox Hollow road

Manchester, KY 40962

Kay Garrison

BY: 

TITLE: President

DATE: 6-12-2015

Seal (If Bid by Corporation)

License No. (if applicable)

Attest: 

END BID FORM

BID

00200 - PAGE 3

**AUTHENTICATION OF BID AND AFFIDAVIT OF NON-COLLUSION AND
NON-CONFLICT OF INTEREST**

I hereby swear (or affirm) under the penalty for false swearing as provided by KRS 432.170:

1. That I am the bidder (if the bidder is an individual), a partner in the bidder (if the bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the bidder is a corporation);
2. That the attached bid has been arrived at by the bidder independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment, or services described in the Invitation to Bid, designed to limit independent bidding or competition;
3. That the contents of the bid has not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid and will not be communicated to any such person prior to the official opening of the bid;
4. That the bidder is legally entitled to enter into the contracts with the Bullock Pen Water District and is not in violation of any prohibited conflicts of interest;
5. (Applicable to corporations only) That as a foreign corporation we are registered with the Secretary of State, Commonwealth of Kentucky, and authorized to do business in the State of KY or, that as a domestic corporation we are in good standing with the Secretary of State, Commonwealth of Kentucky ✓ . (Check the statement applicable.)
6. That this offer is for 90 calendar days from the date this bid is opened. In submitting the above, it is expressly agreed that, upon proper acceptance by the Bullock Pen Water District of any or all items bid above, a contract shall thereby be created with respect to the items accepted.
7. That I have fully informed myself regarding the accuracy of the statements made in this Affidavit.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

Signed by *Kay Harrison*
 Title President
 Firm Clay Pipeline, Inc. Telephone No. 606-598-6239
 Address 70 Fox Hollow Road Area Code 606
Manchester, KY 40962 Date 6-12-2015
 City Manchester State KY Zip 40962

END SECTION

AIA[®] Document A310[™] – 2010

Bid Bond

CONTRACTOR:
(Name, legal status and address)
Clay Pipeline, Inc.

70 Fox Hollow Road
Manchester, KY 40962

OWNER:
(Name, legal status and address)

Bullock Pen Water District
1 Farrell Drive
Crittenden, KY 41030

BOND AMOUNT: 5% of Amount Bid

SURETY:
(Name, legal status and principal place of business)

SureTec Insurance Company
1330 Post Oak Blvd. Suite 1100
Houston, TX 77056

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

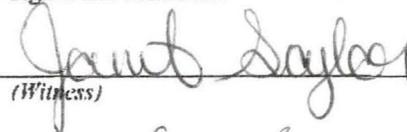
PROJECT:
(Name, location or address, and Project number, if any)
Looped Water Lines Phase 14: Contract 1

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

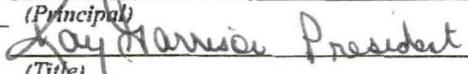
If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

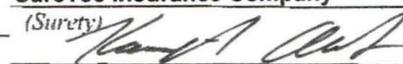
Signed and sealed this **12th** day of **June** **2015**


(Witness)


(Witness)

Clay Pipeline, Inc.
(Principal)  *(Seal)*

(Title) **President**

SureTec Insurance Company
(Surety)  *(Seal)*

(Title) **Kenneth Albert, Attorney-in-Fact**

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

Init.

AIA Document A310[™] – 2010. Copyright © 1963, 1970 and 2010 by The American Institute of Architects. All rights reserved. WARNING: This AIA[®] Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA[®] Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. Purchasers are permitted to reproduce ten (10) copies of this document when completed. To report copyright violations of AIA Contract Documents, e-mail The American Institute of Architects' legal counsel, copyright@aia.org. 06.1110

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Steven M. Baas, Benjamin P. Dycus, Melissa Napier, Kenneth Albert

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Two Million, Five Hundred Thousand and 00/100 Dollars (\$2,500,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 06/30/2016 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

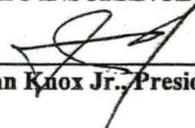
Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. *(Adopted at a meeting held on 20th of April, 1999.)*

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 26th day of February, A.D. 2015

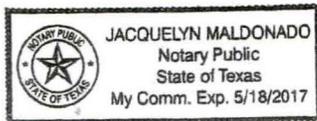
SURETEC INSURANCE COMPANY

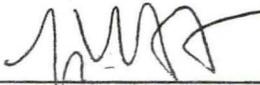
By: 
 John Knox Jr., President



State of Texas ss:
 County of Harris

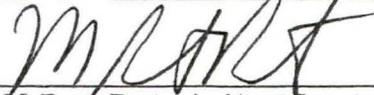
On this 26th day of February, A.D. 2015 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.




 Jacquelyn Maldonado, Notary Public
 My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 12th day of June, 2015, A.D.


 M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
 For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

BID

CONTRACT 2 - MITTS/CHIPMAN RIDGE
LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT

Proposal of Clay Pipeline, Inc. (hereinafter called "BIDDER"),
a Corporation * organized and existing under the laws of the State of
KY
doing business as Clay Pipeline, Inc.

To the Bullock Pen Water District (hereinafter called "OWNER").

* Insert "a corporation", "a partnership", or "an individual" as applicable.

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of Contract 2 – Mitts/Chipman Ridge section of the Looped Water Lines, Phase 14, project for the Bullock Pen Water District, Crittenden, Kentucky, in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, the BIDDER certifies, and in the case of a joint BID each party there to certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the base bid within 60 consecutive calendar days. BIDDER further agrees to pay as liquidated damages, the sum of \$500 for each consecutive calendar day thereafter as hereinafter provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

No. <u>1</u> Dated <u>6-5-2015</u>	No. _____ Dated _____
No. _____ Dated _____	No. _____ Dated _____
No. _____ Dated _____	No. _____ Dated _____

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for CONTRACT 2 - MITTS/CHIPMAN RIDGE of the LOOPED WATER LINES, PHASE 14 project for the following unit prices:

- NOTE: (1) BIDS shall include sales tax and all other applicable taxes and fees.
- (2) Breakdown of work is for general information. Any work shown on Drawings and/or specified but not listed below shall be included in total base bid. Cost of items of work not specifically described below may be added to related bid item(s) at bidder's discretion.

BID SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1.	6" PVC SDR21 Water Main, Class 200	940	LF	\$ 13.25	\$ 12,455.00
2.	6" PVC SDR14 Water Main, C900 Class 200	1,780	LF	\$ 16.20	\$ 28,836.00
4.	8" HDPE DR7 Water Main, Class 267	160	LF	\$ 32.20	\$ 5,152.00
5.	Connection to Existing 6" Water Main (Dry Tap)	1	EA	\$ 1250.00	\$ 1,250.00
6.	Wet Tap Existing 6" Water Main (Sleeve and Valve)	1	EA	\$ 2358.00	\$ 2,358.00
7.	6" Gate Valve, Complete with Box and Cover	2	EA	\$ 1312.00	\$ 2,624.00
8.	Fire Hydrant Assembly	1	EA	\$ 3880.00	\$ 3,880.00
10.	Air Release Valve	1	EA	\$ 1430.00	\$ 1,430.00
14.	Directional Bore 12" HDPE Casing Pipe	140	LF	\$ 148.00	\$ 20,720.00
16.	Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00
17.	3/4" PE Service Line	100	LF	\$ 10.00	\$ 1,000.00
18.	New Water Meter	1	EA	\$ 1036.00	\$ 1,036.00
21.	Reconnect Water Meter	1	EA	\$ 400.00	\$ 400.00
22.	By-Pass Meter	1	EA	\$ 2220.00	\$ 2,220.00
24.	Extra Repair Asphalt Pavement	10	SY	\$ 163.00	\$ 1,630.00

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
25.	Extra Repair Gravel Driveway with 2" Compacted DGA	10	SY	\$ 24.00	\$ 240.00
27.	Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 205.00	\$ 2,870.00

TOTAL PART I: BASE BID \$ 88,311.00

Eighty Eight thousand, Three hundred eleven dollars **(USE FIGURES)** & no Cents

(USE WORDS)

TOTAL AMOUNTS SHALL BE SHOWN IN BOTH WORDS AND FIGURES. IN CASE OF DISCREPANCIES, THE AMOUNT AS WRITTEN IN WORDS SHALL GOVERN.

The above price shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for. Changes shall be processed in accordance with the General Conditions.

Determination of low bidder will be based on the lowest and best Total Bid. Award will be made to the lowest responsive, responsible Bidder.

The Bidder agrees that the Owner reserves the right to delete the whole or any part of the project from the Contract.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of ninety (90) calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, Bidder will execute the formal contract attached within ten (10) days and deliver a surety bond or bonds as required by Article 22 of the General Conditions.

Respectfully submitted:

Clay Pipeline, INC.
(Name of Contracting Firm)
ADDRESS: 70 Fox Hollow Road
Manchester, KY 40962

BY: *Kay Hanna*
TITLE: President
DATE: 6-12-2015

Seal (If Bid by Corporation)

License No. (if applicable)

Attest: *Jane Doyla*

END BID FORM
BID

**AUTHENTICATION OF BID AND AFFIDAVIT OF NON-COLLUSION AND
NON-CONFLICT OF INTEREST**

I hereby swear (or affirm) under the penalty for false swearing as provided by KRS 432.170:

1. That I am the bidder (if the bidder is an individual), a partner in the bidder (if the bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the bidder is a corporation);
2. That the attached bid has been arrived at by the bidder independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment, or services described in the Invitation to Bid, designed to limit independent bidding or competition;
3. That the contents of the bid has not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid and will not be communicated to any such person prior to the official opening of the bid;
4. That the bidder is legally entitled to enter into the contracts with the Bullock Pen Water District and is not in violation of any prohibited conflicts of interest;
5. (Applicable to corporations only) That as a foreign corporation we are registered with the Secretary of State, Commonwealth of Kentucky, and authorized to do business in the State of KY or, that as a domestic corporation we are in good standing with the Secretary of State, Commonwealth of Kentucky . (Check the statement applicable.)
6. That this offer is for 90 calendar days from the date this bid is opened. In submitting the above, it is expressly agreed that, upon proper acceptance by the Bullock Pen Water District of any or all items bid above, a contract shall thereby be created with respect to the items accepted.
7. That I have fully informed myself regarding the accuracy of the statements made in this Affidavit.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

Signed by Kay Harrison
 Title President
 Firm Clay Pipeline, Inc. Telephone No. 606-598-6239
 Address 70 Fox Hollow Road Area Code 606
 Manchester, KY 40962 Date 6-12-2015
 City Manchester State KY Zip 40962

END SECTION

AIA[®] Document A310[™] – 2010

Bid Bond

CONTRACTOR:
(Name, legal status and address)
Clay Pipeline, Inc.

70 Fox Hollow Road
Manchester, KY 40962

OWNER:
(Name, legal status and address)

Bullock Pen Water District
1 Farrell Drive
Crittenden, KY 41030
BOND AMOUNT: 5% of Amount Bid

PROJECT:
(Name, location or address, and Project number, if any)
Looped Water Lines Phase 14: Contract 2

SURETY:
(Name, legal status and principal place of business)

SureTec Insurance Company
1330 Post Oak Blvd. Suite 1100
Houston, TX 77056

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

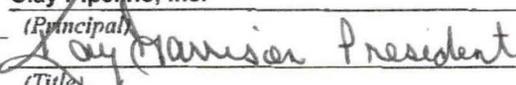
If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

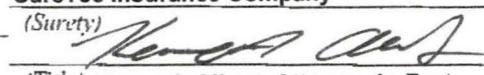
When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 12th day of June 2015


(Witness)


(Witness)

Clay Pipeline, Inc.
(Principal)

(Title) *(Seal)*

SureTec Insurance Company
(Surety)

(Title) Kenneth Albert, Attorney-in-Fact *(Seal)*

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Steven M. Baas, Benjamin P. Dycus, Melissa Napier, Kenneth Albert

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Two Million, Five Hundred Thousand and 00/100 Dollars (\$2,500,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 06/30/2016 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

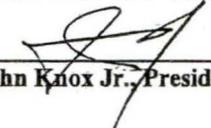
Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 26th day of February, A.D. 2015

SURETEC INSURANCE COMPANY

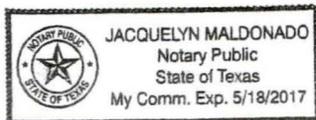
By: 
John Knox Jr., President

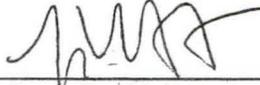
State of Texas
County of Harris

ss:



On this 26th day of February, A.D. 2015 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.

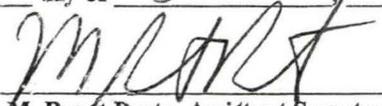




Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 12th day of June, 2015, A.D.


M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

BID

CONTRACT 3 – WILLIAMSTOWN MASTER METER CONNECTION
LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT

Proposal of Clay Pipeline, Inc. (hereinafter called "BIDDER"),
a Corporation * organized and existing under the laws of the State of
KY doing business as Clay Pipeline, Inc.

To the Bullock Pen Water District (hereinafter called "OWNER").

* Insert "a corporation", "a partnership", or "an individual" as applicable.

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of Contract 3 – Williamstown Master Meter Connection section of the Looped Water Lines, Phase 14, project for the Bullock Pen Water District, Crittenden, Kentucky, in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, the BIDDER certifies, and in the case of a joint BID each party there to certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the base bid within 60 consecutive calendar days. BIDDER further agrees to pay as liquidated damages, the sum of \$500 for each consecutive calendar day thereafter as hereinafter provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

No. <u>1</u>	Dated <u>6-5-2015</u>	No. _____	Dated _____
No. _____	Dated _____	No. _____	Dated _____
No. _____	Dated _____	No. _____	Dated _____

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for CONTRACT 3 – WILLIAMSTOWN MASTER METER CONNECTION of the LOOPED WATER LINES, PHASE 14 project for the following unit prices:

- NOTE: (1) BIDS shall include sales tax and all other applicable taxes and fees.
- (2) Breakdown of work is for general information. Any work shown on Drawings and/or specified but not listed below shall be included in total base bid. Cost of items of work not specifically described below may be added to related bid item(s) at bidder's discretion.

BID SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1.	6" PVC SDR21 Water Main, Class 200	1,940	LF	\$ 13.25	\$ 25,705.00
3.	8" HDPE DR9 Water Main, Class 200	520	LF	\$ 26.00	\$ 13,520.00
5.	Connection to Existing 6" Water Main (Dry Tap)	1	EA	\$ 1548.00	\$ 1,548.00
7.	6" Gate Valve, Complete with Box and Cover	1	EA	\$ 1250.00	\$ 1,250.00
8.	Fire Hydrant Assembly	1	EA	\$ 3880.00	\$ 3,880.00
10.	Air Release Valve	1	EA	\$ 1430.00	\$ 1,430.00
11.	Jack and Bore with 10" Steel Casing Pipe	40	LF	\$ 123.00	\$ 4,920.00
12.	Jack and Bore with 12" Steel Casing Pipe	440	LF	\$ 290.00	\$ 127,600.00
16.	Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00
17.	Extra 3/4" PE Service Line	10	LF	\$ 10.00	\$ 100.00
21.	Extra Reconnect Water Meter	1	EA	\$ 400.00	\$ 400.00
24.	Extra Repair Asphalt Pavement	10	SY	\$ 163.00	\$ 1,630.00
25.	Extra Repair Gravel Driveway with 2" Compacted DGA	10	SY	\$ 29.00	\$ 290.00
26.	Wet Tap Existing 8" Water Main (Sleeve and Valve)	1	EA	\$ 2370.00	\$ 2,370.00

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
27.	Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 2876.00	\$ 40,264.00
28.	Master Meter Vault and Assembly, Include All Items on the Master Meter Details Sheet 3.1M	1	Lump Sum	\$ 42,590.00	\$ 42,590.00

TOTAL PART I: BASE BID

\$ 267,707.00

(USE FIGURES)

Two Hundred Sixty Seven Thousand, Seven Hundred & Seven Dollars & No Cents

(USE WORDS)

TOTAL AMOUNTS SHALL BE SHOWN IN BOTH WORDS AND FIGURES. IN CASE OF DISCREPANCIES, THE AMOUNT AS WRITTEN IN WORDS SHALL GOVERN.

The above price shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for. Changes shall be processed in accordance with the General Conditions.

Determination of low bidder will be based on the lowest and best Total Bid. Award will be made to the lowest responsive, responsible Bidder.

The Bidder agrees that the Owner reserves the right to delete the whole or any part of the project from the Contract.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of ninety (90) calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, Bidder will execute the formal contract attached within ten (10) days and deliver a surety bond or bonds as required by Article 22 of the General Conditions.

Respectfully submitted:

Clay Pipeline, Inc.

(Name of Contracting Firm)

ADDRESS: 70 Fox Hollow Road
Manchester, KY 40962

BY: Kay Harris
President

TITLE: _____

DATE: 6-12-2015

Seal (If Bid by Corporation)

License No. (if applicable)

Attest: Jane Saylor
END BID FORM

BID

**AUTHENTICATION OF BID AND AFFIDAVIT OF NON-COLLUSION AND
NON-CONFLICT OF INTEREST**

I hereby swear (or affirm) under the penalty for false swearing as provided by KRS 432.170:

1. That I am the bidder (if the bidder is an individual), a partner in the bidder (if the bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the bidder is a corporation);
2. That the attached bid has been arrived at by the bidder independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment, or services described in the Invitation to Bid, designed to limit independent bidding or competition;
3. That the contents of the bid has not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid and will not be communicated to any such person prior to the official opening of the bid;
4. That the bidder is legally entitled to enter into the contracts with the Bullock Pen Water District and is not in violation of any prohibited conflicts of interest;
5. (Applicable to corporations only) That as a foreign corporation we are registered with the Secretary of State, Commonwealth of Kentucky, and authorized to do business in the State of KY or, that as a domestic corporation we are in good standing with the Secretary of State, Commonwealth of Kentucky . (Check the statement applicable.)
6. That this offer is for 90 calendar days from the date this bid is opened. In submitting the above, it is expressly agreed that, upon proper acceptance by the Bullock Pen Water District of any or all items bid above, a contract shall thereby be created with respect to the items accepted.
7. That I have fully informed myself regarding the accuracy of the statements made in this Affidavit.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

Signed by Kay Harrison
Title President
Firm Clay Pipeline, Inc. Telephone No. 606-598-6239
Address 70 Fox Hollow Road Area Code 606
Manchester, KY 40962 Date 6-12-2015
City Manchester State KY Zip 40962

END SECTION

 **AIA** Document A310™ – 2010

Bid Bond

CONTRACTOR:
(Name, legal status and address)
Clay Pipeline, Inc.

70 Fox Hollow Road
Manchester, KY 40962

OWNER:
(Name, legal status and address)
Bullock Pen Water District

1 Farrell Drive
Crittenden, KY 41030
BOND AMOUNT: 5% of Amount Bid

SURETY:
(Name, legal status and principal place of business)

SureTec Insurance Company
1330 Post Oak Blvd. Suite 1100
Houston, TX 77056

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

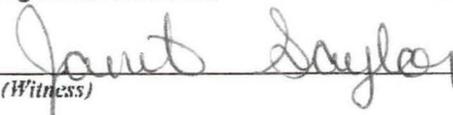
PROJECT:
(Name, location or address, and Project number, if any)
Looped Water Lines Phase 14: Contract 3

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

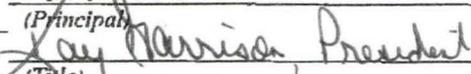
When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 12th day of June 2015

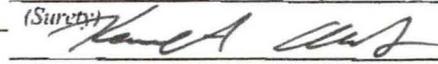

(Witness)


(Witness)

Clay Pipeline, Inc.
(Principal)


(Title) Kay Morrison, President *(Seal)*

SureTec Insurance Company
(Surety)


(Title) Kenneth Albert, Attorney-in-Fact *(Seal)*

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

Init.

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Steven M. Baas, Benjamin P. Dycus, Melissa Napier, Kenneth Albert

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Two Million, Five Hundred Thousand and 00/100 Dollars (\$2,500,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 06/30/2016 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

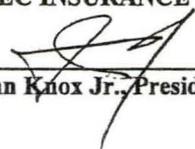
Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. *(Adopted at a meeting held on 20th of April, 1999.)*

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 26th day of February, A.D. 2015

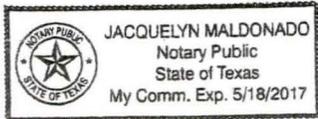
SURETEC INSURANCE COMPANY

By: 
John Knox Jr., President



State of Texas ss:
County of Harris

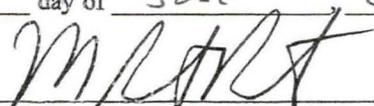
On this 26th day of February, A.D. 2015 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.




Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 12th day of June, 2015, A.D.


M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 9:00 am and 5:00 pm CST.

BID

CONTRACT 4 - VALLANDINGHAM/OSBORNE
LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT

Proposal of Clay Pipeline, Inc. (hereinafter called "BIDDER"),
a Corporation * organized and existing under the laws of the State of
KY doing business as Clay Pipeline, Inc.

To the Bullock Pen Water District (hereinafter called "OWNER").

* Insert "a corporation", "a partnership", or "an individual" as applicable.

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of Contract 4 – Vallandingham/Osborne section of the Looped Water Lines, Phase 14, project for the Bullock Pen Water District, Crittenden, Kentucky, in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, the BIDDER certifies, and in the case of a joint BID each party there to certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the base bid within 60 consecutive calendar days. BIDDER further agrees to pay as liquidated damages, the sum of \$500 for each consecutive calendar day thereafter as hereinafter provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

No. <u>1</u> Dated <u>6-5-2015</u>	No. _____ Dated _____
No. _____ Dated _____	No. _____ Dated _____
No. _____ Dated _____	No. _____ Dated _____

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for CONTRACT 4 - VALLANDINGHAM/OSBORNE of the LOOPED WATER LINES, PHASE 14 project for the following unit prices:

- NOTE: (1) BIDS shall include sales tax and all other applicable taxes and fees.
- (2) Breakdown of work is for general information. Any work shown on Drawings and/or specified but not listed below shall be included in total base bid. Cost of items of work not specifically described below may be added to related bid item(s) at bidder's discretion.

BID SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1.	6" PVC SDR21 Water Main, Class 200	1,460	LF	\$ 14.00	\$ 20,440.00
2.	6" PVC SDR14 Water Main, C900 Class 200	640	LF	\$ 15.30	\$ 9,792.00
4.	8" HDPE DR7 Water Main, Class 267	380	LF	\$ 26.70	\$ 10,146.00
5.	Connection to Existing 6" Water Main (Dry Tap)	2	EA	\$ 1550.00	\$ 3,100.00
7.	6" Gate Valve, Complete with Box and Cover	4	EA	\$ 1250.00	\$ 5,000.00
9.	Remove and Relocate Fire Hydrant Assembly	1	EA	\$ 800.00	\$ 800.00
10.	Air Release Valve	1	EA	\$ 1430.00	\$ 1,430.00
13.	Open Cut with 10" PVC Casing Pipe	30	LF	\$ 105.00	\$ 3,150.00
14.	Directional Bore 12" HDPE Casing Pipe	210	LF	\$ 158.00	\$ 33,180.00
15.	12" HDPE Casing Pipe with Concrete Encasement at Creek	20	LF	\$ 121.00	\$ 2,420.00
16.	Extra Crushed Stone Bedding	10	TONS	\$ 21.00	\$ 210.00
17.	3/4" PE Service Line	150	LF	\$ 10.00	\$ 1,500.00
19.	Relocate Water Meter	1	EA	\$ 600.00	\$ 600.00
20.	Replace Water Meter and Include PRV	1	EA	\$ 830.00	\$ 830.00
21.	Extra Reconnect Water Meter	1	EA	\$ 600.00	\$ 600.00
22.	By-Pass Meter	1	EA	\$ 2090.00	\$ 2,090.00
23.	Reconnect Existing Fire Hydrant Assembly	1	EA	\$ 300.00	\$ 300.00

**LOOPED WATER LINES, PHASE 14
BULLOCK PEN WATER DISTRICT**

13059.01

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
24.	Repair Asphalt Pavement	10	SY	\$ 163.00	\$ 1,630.00
25.	Repair Gravel Driveway with 2" Compacted DGA	200	SY	\$ 29.00	\$ 5,800.00
27.	Extra 10" PVC Casing Pipe with Concrete Encasement at Creek Crossing	14	LF	\$ 15.50	\$ 217.00

TOTAL PART I: BASE BID

\$ 103,235.00

(USE FIGURES)

One Hundred & Three Thousand, Two Hundred Thirty Five Dollars & No Cen

(USE WORDS)

TOTAL AMOUNTS SHALL BE SHOWN IN BOTH WORDS AND FIGURES. IN CASE OF DISCREPANCIES, THE AMOUNT AS WRITTEN IN WORDS SHALL GOVERN.

The above price shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for. Changes shall be processed in accordance with the General Conditions.

Determination of low bidder will be based on the lowest and best Total Bid. Award will be made to the lowest responsive, responsible Bidder.

The Bidder agrees that the Owner reserves the right to delete the whole or any part of the project from the Contract.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of ninety (90) calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, Bidder will execute the formal contract attached within ten (10) days and deliver a surety bond or bonds as required by Article 22 of the General Conditions.

Respectfully submitted:

Clay Pipeline, Inc.

(Name of Contracting Firm)

ADDRESS: 70 Fox Hollow Road
Manchester, KY 40962

BY:

TITLE: President

DATE: 6-12-2015

Seal (If Bid by Corporation)

License No. (if applicable)

Attest:

END BID FORM

BID

00230 - PAGE 3

**AUTHENICATION OF BID AND AFFIDAVIT OF NON-COLLUSION AND
NON-CONFLICT OF INTEREST**

I hereby swear (or affirm) under the penalty for false swearing as provided by KRS 432.170:

1. That I am the bidder (if the bidder is an individual), a partner in the bidder (if the bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the bidder is a corporation);
2. That the attached bid has been arrived at by the bidder independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment, or services described in the Invitation to Bid, designed to limit independent bidding or competition;
3. That the contents of the bid has not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid and will not be communicated to any such person prior to the official opening of the bid;
4. That the bidder is legally entitled to enter into the contracts with the Bullock Pen Water District and is not in violation of any prohibited conflicts of interest;
5. (Applicable to corporations only) That as a foreign corporation we are registered with the Secretary of State, Commonwealth of Kentucky, and authorized to do business in the State of KY or, that as a domestic corporation we are in good standing with the Secretary of State, Commonwealth of Kentucky ✓ . (Check the statement applicable.)
6. That this offer is for 90 calendar days from the date this bid is opened. In submitting the above, it is expressly agreed that, upon proper acceptance by the Bullock Pen Water District of any or all items bid above, a contract shall thereby be created with respect to the items accepted.
7. That I have fully informed myself regarding the accuracy of the statements made in this Affidavit.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

Signed by Kay Davis
Title President
Firm Clay Pipeline, Inc. Telephone No. 606-598-6239
Address 70 Fox Hollow Road Area Code 606
 Manchester, KY 40962 Date 6-12-2015
City Manchester State KY Zip 40962

END SECTION

 **AIA** Document A310™ - 2010

Bid Bond

CONTRACTOR:
(Name, legal status and address)
Clay Pipeline, Inc.

70 Fox Hollow Road
Manchester, KY 40962

OWNER:
(Name, legal status and address)

Bullock Pen Water District
1 Farrell Drive
Crittenden, KY 41030
BOND AMOUNT: 5% of Amount Bid

SURETY:
(Name, legal status and principal place of business)

SureTec Insurance Company
1330 Post Oak Blvd. Suite 1100
Houston, TX 77056

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

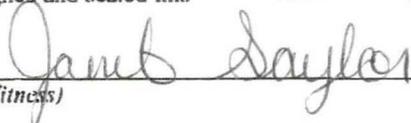
PROJECT:
(Name, location or address, and Project number, if any)
Looped Water Lines Phase 14: Contract 4

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

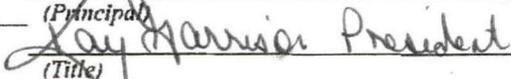
When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 12th day of June 2015

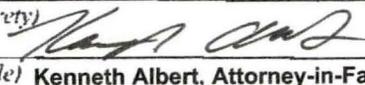

(Witness)


(Witness)

Clay Pipeline, Inc.
(Principal)


(Title) President *(Seal)*

SureTec Insurance Company
(Surety)


(Title) Kenneth Albert, Attorney-in-Fact *(Seal)*

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Steven M. Baas, Benjamin P. Dycus, Melissa Napier, Kenneth Albert

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Two Million, Five Hundred Thousand and 00/100 Dollars (\$2,500,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 06/30/2016 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

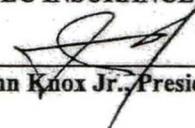
Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 26th day of February, A.D. 2015

SURETEC INSURANCE COMPANY

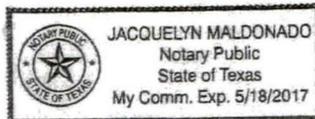
By: 
John Knox Jr., President

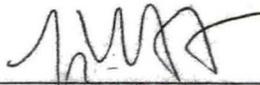
State of Texas
County of Harris

SS:



On this 26th day of February, A.D. 2015 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.

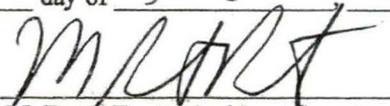




Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 12th day of June, 2015, A.D.


M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

Drinking Water SRF Project Cost Summary

Project Title: BPWD Looped Water Lines, Phase 14

WRIS#: WX21081006

Project Budget: Estimated 3-6-2014
enter date

As Bid 6-12-2015
enter date

Revised
enter date

Cost Classification		DWSRF KIA Loan	Funding Source 1	Funding Source 2	Funding Source 3	Funding Source 4	Funding Source 5	Local Funds	Unfunded Costs	Total
1	Administrative Expenses	10,000	-	-	-	-	-	-	-	10,000
2	Legal Expenses	10,000	-	-	-	-	-	-	-	10,000
3	Land, Appraisals, Easements	-	-	-	-	-	-	20,000	-	20,000
4	Relocation Expenses & Payments	-	-	-	-	-	-	-	-	-
5	Planning	5,000	-	-	-	-	-	-	-	5,000
6	Engineering Fees – Design	45,978	-	-	-	-	-	-	-	45,978
7	Engineering Fees – Construction	11,494	-	-	-	-	-	-	-	11,494
8	Engineering Fees – Inspection	40,333	-	-	-	-	-	-	-	40,333
9	Engineering Fees – Other	10,000	-	-	-	-	-	-	-	10,000
10	Construction	585,794	-	-	-	-	-	-	-	585,794
11	Equipment	-	-	-	-	-	-	-	-	-
12	Miscellaneous	32,065	-	-	-	-	-	-	-	32,065
13	Contingencies	98,936	-	-	-	-	-	-	-	98,936
	Total	849,600	-	-	-	-	-	20,000	-	869,600

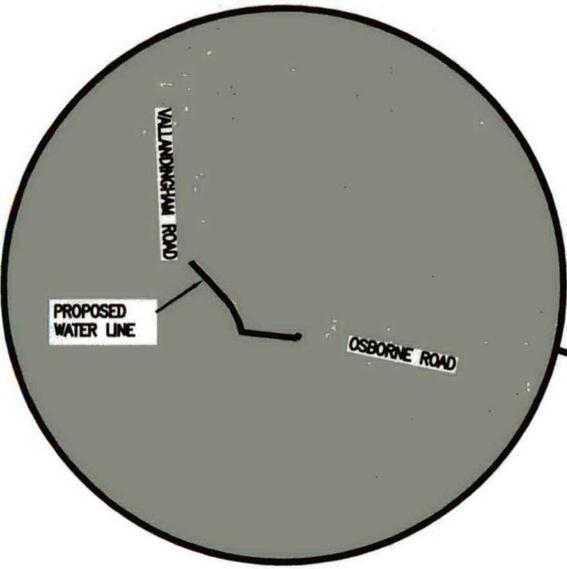
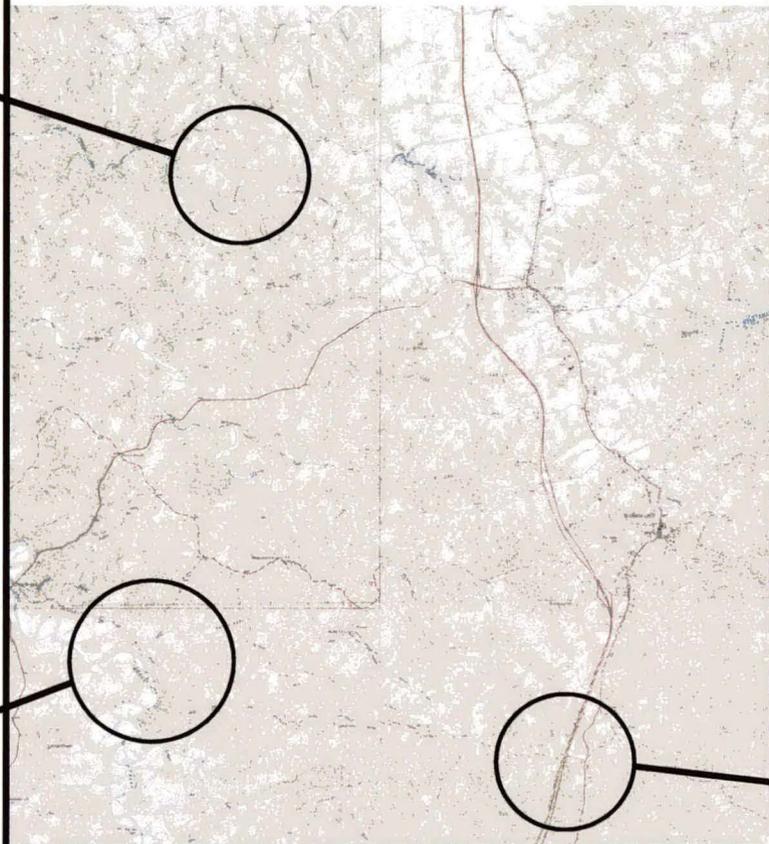
Funding Sources	Amount	Date Committed
1 -	-	-
2 -	-	-
3 -	-	-
4 -	-	-
5 -	-	-
Total	-	-

Local Funding Sources	Amount	Date Committed
1 Bullock Pen Water District	20,000	12-11-2012
2 -	-	-
3 -	-	-
Total	20,000	12-11-2012

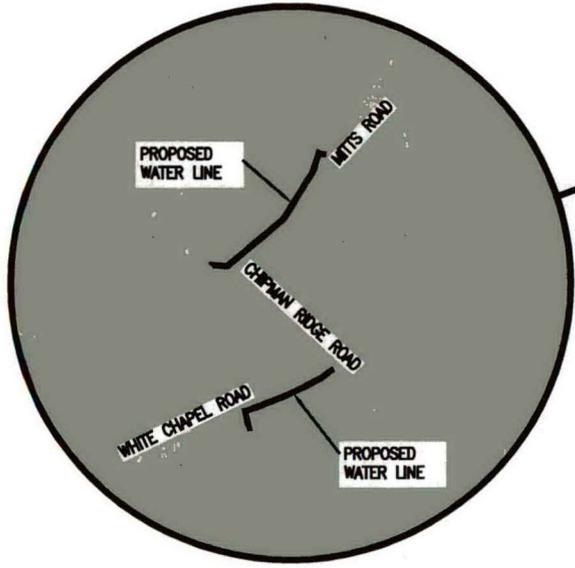
Cost Categories	Funding Source	Total Cost
Treatment	-	-
Transmission and Distribution	DWSRF	849,600
Source	-	-
Storage	-	-
Purchase of Systems	-	-
Restructuring	-	-
Land Acquisition	LOCAL	20,000
Total Costs		869,600

Total Funding **869,600**

USGS TOPOGRAPHIC MAP
SCALE 1" = 8,000'

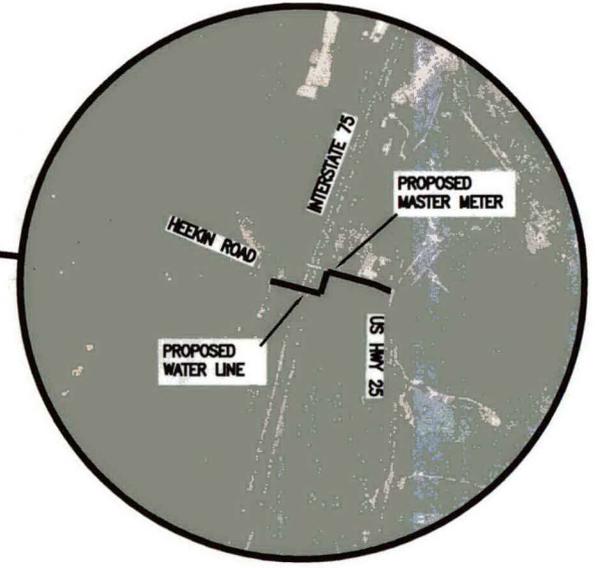
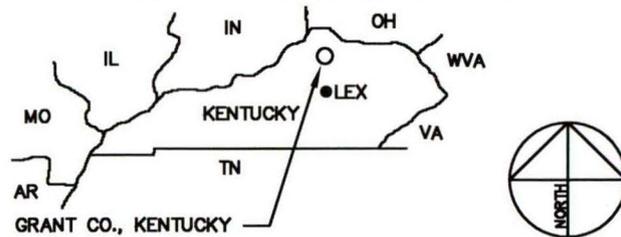


ENLARGED SITE LOCATION MAP
SCALE 1" = 2,000'

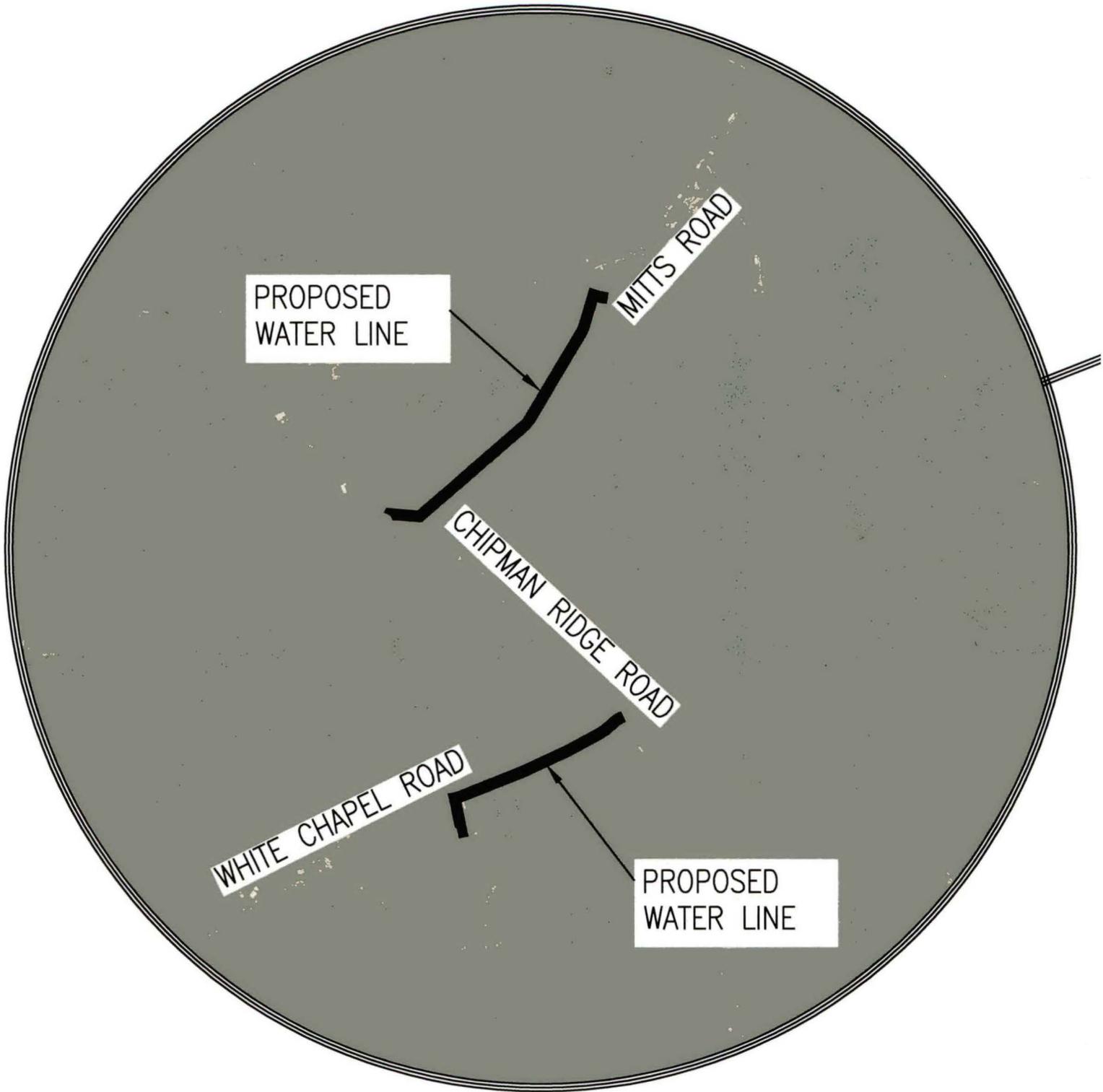


ENLARGED SITE LOCATION MAP
SCALE 1" = 2,000'

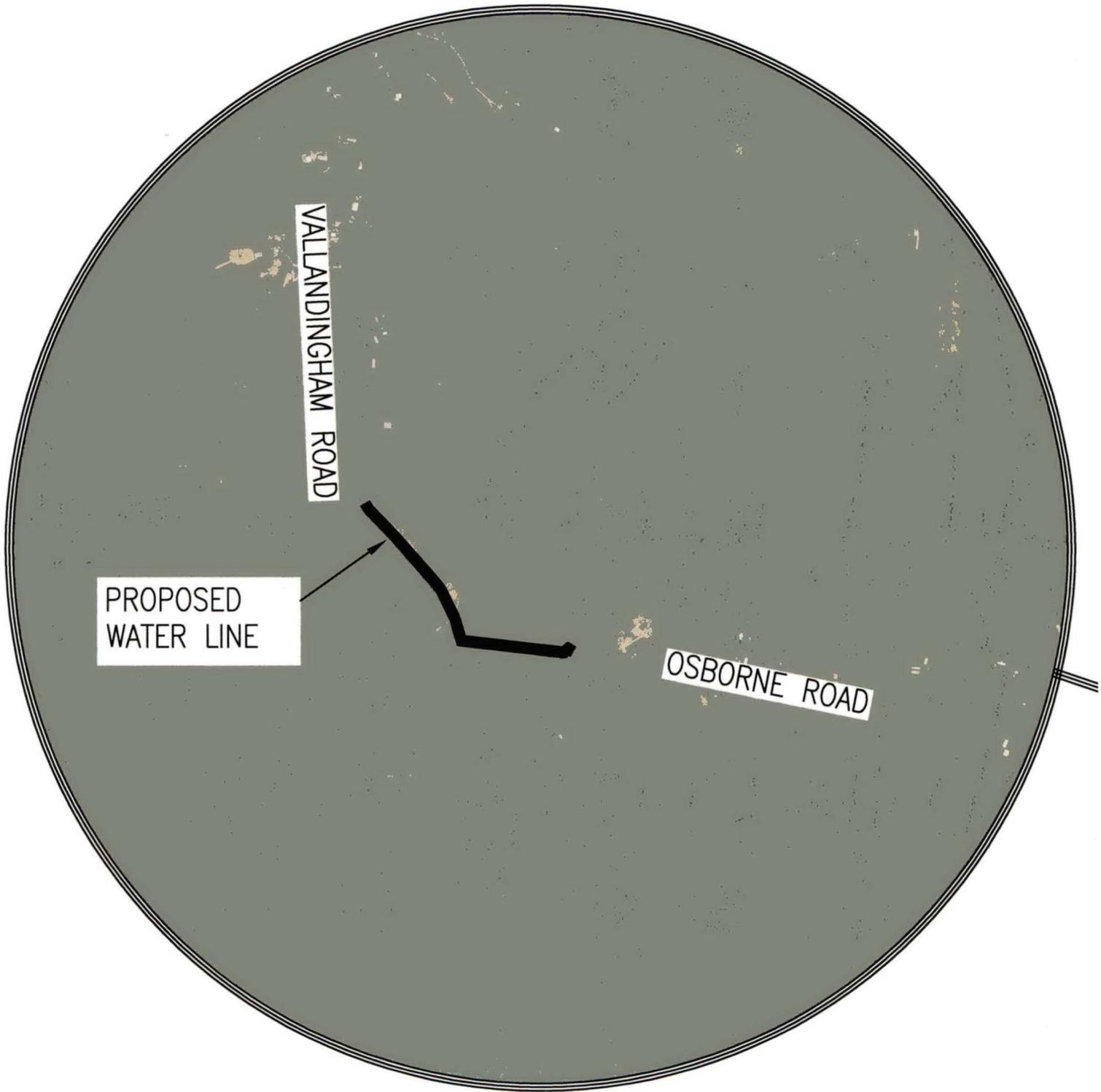
AREA LOCATION MAP



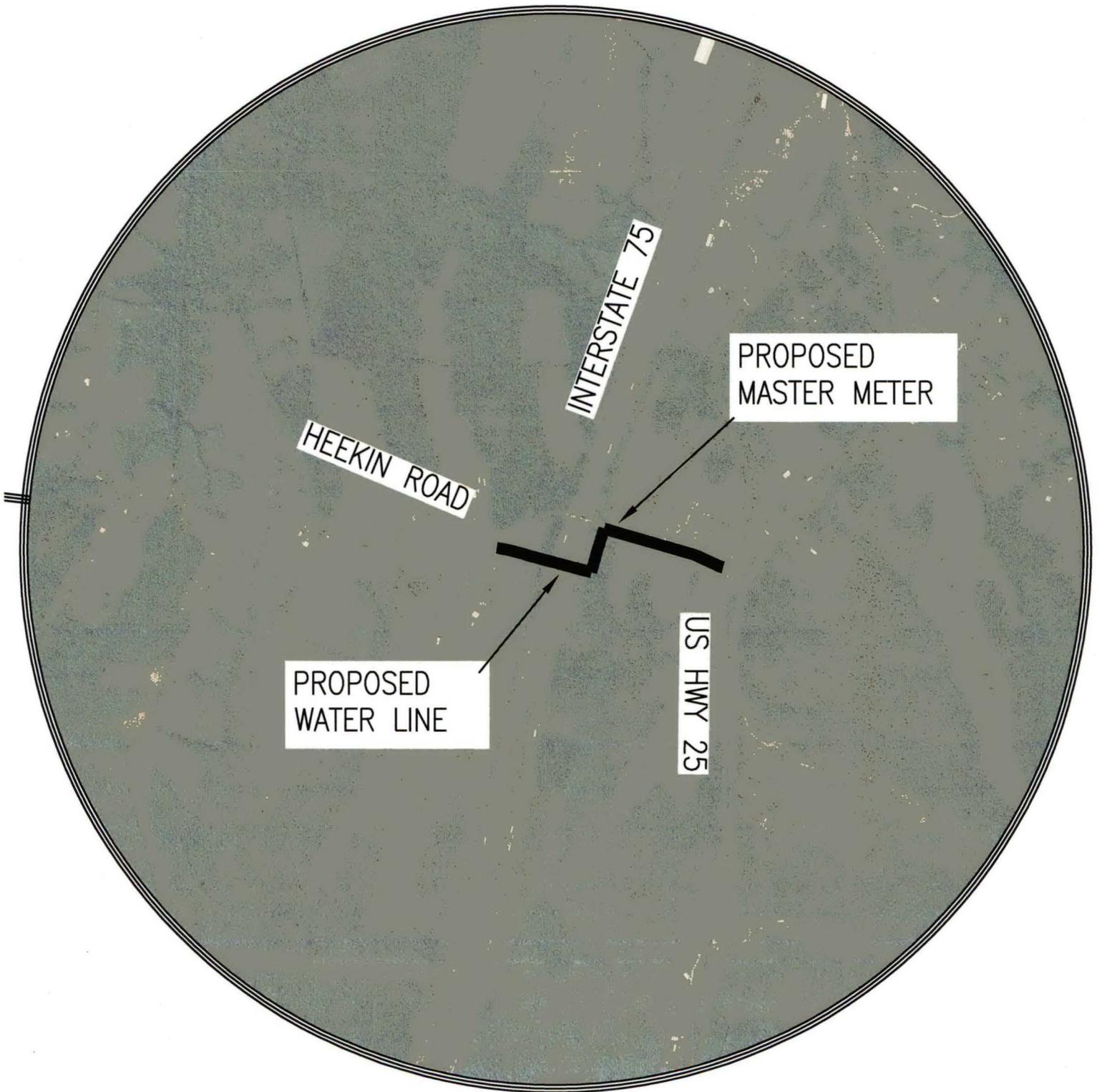
ENLARGED SITE LOCATION MAP
SCALE 1" = 2,000'



ENALRGED SITE LOCATION MAP



ENALRGED SITE LOCATION MAP



ENALRGED SITE LOCATION MAP

EXHIBIT 5

Permit Approval

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

May 20, 2015

Mr. William L Catlett
Bullock Pen Water District
P. O. Box 460
Crittenden, KY 41030

RE: F14-008
Bullock Pen Water District--1476
Looped Water Lines Phase 14
Activity ID: FGL20150001

Dear Mr. Catlett:

The Kentucky Division of Water (DOW) has reviewed for completeness and adequacy the construction plans and specifications submitted for the above referenced contract. The DOW now approves these plans and specifications with respect to sanitary features of design in accordance with the requirements contained in the attached construction permit. These plans consist of 8,320 LF of 6-inch PVC, and 1,440 LF of 8-inch HPDE water line extension. The approval conditions and a list of eligible/ineligible items are enclosed. Please note that ineligible items cannot be funded using State Revolving Fund (SRF) monies, and must be paid by other funding sources.

We are enclosing the submitted sets of approved plans and specifications. An identical set should be made available at the project site at all times. If modifications are made to these plans and specifications before bidding, four (4) complete sets of as-bid plans and specifications must be submitted to the DOW for approval. A second DOW construction approval must be issued by separate correspondence before proceeding with advertising for bids. Any red line changes that were made by DOW personnel on the approved plans shall be incorporated into the bid set plans unless an alternative is approved.

You may now advertise for bids on the construction of this project. In addition to other notifications, this project must be advertised in the newspaper of the largest daily circulation in the project area.

DWL F14-008
Bullock Pen Water District—1476
Looped Water Lines Phase 14
Activity ID: FGL20150001
May 20, 2015
Page 2 of 3

You are cautioned not to advertise unless you have a proper wage decision. The Federal Davis-Bacon wage rates and Kentucky prevailing wage rates are applicable for this project. Please contact all other funding sources for their requirements pertaining to federal or state wage rates.

You are reminded that the construction contracts are subject to the equal employment opportunity requirements contained in Executive Order 11246. Equal employment opportunity affirmative action by the prime contractors and all subcontractors is mandated throughout the duration of the contract. Documentation of efforts to comply with Executive Order 11246, Equal Employment Opportunity is required to be kept by the borrower.

Review the attached Project Review and Cost Summary form for details of the information to be collected and retained in your files or to be submitted to DOW for review and approval. This form must be completed, signed by the recipient, and with the necessary information be then forwarded to the DOW. This signature will certify that all the information to be retained by the recipient has been secured and is available for review by the Division at the pre-construction conference. The required information must be approved by the DOW before executing any contracts.

Along with the Project Review and Cost Summary form, the following items must be submitted to the DOW for review and approval before executing any contracts:

- The bid advertisement
- Revised Project Budget
- Certified bid tabulation
- Documentation of compliance with DBE Good Faith Effort in accordance with 40 CFR 33.301

These items will be reviewed as a part of the Authority to Award process. The DOW will authorize you to award the contracts once these documents are approved

After the Notice to Proceed is signed, the DOW will need a copy of the executed contract documents, including plans and specifications.

Changes orders will require approval from the DOW before payment can be authorized from the State Revolving Fund. Submission of plans and specifications may be required for change order work.

Upon completion of the project, as-built drawings shall be provided to the DOW. As-builts shall be stamped, signed and dated by a professional engineer. A written certification stating that the project was constructed according to the approved plans shall be provided to the DOW by a professional engineer.

The construction permit included in this letter has been issued under the provisions of KRS Chapter 224 and the regulations promulgated pursuant thereto. Issuance of this approval does not relieve the applicant from the responsibility of obtaining any other approvals, permits or licenses required by this Cabinet and other state, federal and local agencies.

DWL F14-008
Bullock Pen Water District—1476
Looped Water Lines Phase 14
Activity ID: FGL20150001
May 20, 2015
Page 3 of 3

You are cautioned that the advertisement and award of this contract will be subject to the laws and regulations that govern the State Revolving Fund (SRF) and to the conditions of your loan agreement. If we can be of further assistance, please call Fred Sarabi, Project Engineer, at (502) 564-3410, extension 4825.

Sincerely,



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

MR: FS

Enclosures

Eligible List, Ineligible List, Approval Conditions
Project Review and Cost Summary Form
1 set plans and specification

C: CMW (by e-mail only)
Kentucky Infrastructure Authority (by e-mail only)
Cabinet for Economic Development (by e-mail only)
Northern Kentucky District (Grant County) Health Department (by e-mail only)
Division of Plumbing (by e-mail only)
Public Service Commission (by e-mail only)

SRF ELIGIBLE ITEMS:

8,320 LF of 6-inch PVC, and 1,440 LF of 8-inch HPDE water line extension.

APPROVAL CONDITIONS:

1. Clear Site Certificate
2. Project Review and Cost Summary Form.

CLEAN WATER SRF DRINKING WATER SRF
EPA GRANT
PROJECT REVIEW AND COST SUMMARY

THIS QUESTIONNAIRE/CHECK SHEET IS FURNISHED AS AN ADMINISTRATIVE AID AND IS REQUIRED FOR USE IN SUPPLYING INFORMATION AND DOCUMENTS, REPORTING MINOR CHANGES AND PROJECT STATUS. THE INFORMATION AND DOCUMENTS SHOULD BE SUBMITTED TO DOW AS SOON AS POSSIBLE AFTER BID OPENING.

SECTION 1.

1. Project Name _____ Project Number _____
2. **Changes: Have there been any changes in the project since DOW's approval of the plans and specifications?**
- Yes No Construction Drawings. If yes, submit revised drawings and addenda. **See Note***
- Yes No Specifications. If yes, submit addenda. **See Note***
- *Note: Prior approval is required for changes in design, scope, type of treatment, size, capacity, time to complete the project, etc. Changes, which result in increase in the amount of a contract, must be procured in accordance with state and federal requirements, as applicable.**
- Yes No Site Changes. If so, new Clear Site Certificates are required prior to start of construction.
- Yes No Authorized Representative (Mayor, City Manager, etc.). If so, provide name and title.

SECTION 2.

Date Bids Opened: _____ **Date Bids Expire:** _____

1. The following items should be submitted to DOW after bid opening:
- A. Executed Project Review & Cost Summary Form (this form).
 - B. Original bid advertisement or copy of advertisement with affidavit of publication.
 - C. Revised Budget (copies attached, use appropriate form).
 - D. Certified Bid Tabulations with engineer's seal.
 - E. DBE Documentation (See Attachment No. 12 of the Supplemental General Conditions (SGC)):
 - Disadvantaged Business Enterprise Participation Policy from the successful low bidder with DBE certifications and executed subcontracts with DBEs or letters of intent signed by both parties; and documentation on the level of effort taken to obtain DBEs including copies of correspondence with DBE contractors, requesting quotes and copies of any advertisements

Project Review and Cost Summary

Page 2 of 2

soliciting DBE contractors, copies of returned envelopes and certified mail receipts, telephone log, etc.

- Bidder's List Form from recipient and successful bidder.
- EPA Form 6100-3 from DBE subcontractors.
- EPA Form 6100-4 from successful bidder.

2. The following items must be submitted to DOW at the Pre-construction Meeting:

- A. Executed Contract Documents (once contract is signed).
- B. Notice of Award, Notice To Proceed, Bid Bond, Payment Bond, and Performance Bond.
- C. Contractor's Certification Regarding Lobbying (See Attachment No. 11 in the SGC).
- D. Contractor's Debarred Firm Certification (See Attachment No. 10 in the SGC).

3. A copy of the items identified in Section 2.1 and Section 2.2, above, and the following must be retained by the owner. This documentation is subject for review, by DOW, at the time of the pre-construction conference.

- A. Name and qualifications of the proposed resident inspector(s).
- B. Proposal of the successful bidder(s).
- C. EEO documentation required by Executive Order 11246 as amended. Items 1 through 11 (See Attachment No. 7 in the SGC), is required for all contracts over \$10,000 except supplier contracts. Supplier contracts require:
 - 1. Name, address, and telephone number.
 - 2. Materials to be supplied and dollar value.For contracts below \$10,000, the same information required for supplier contracts must be submitted.
- D. Engineer's letter to the loan recipient recommending award of the contract. Letter must include a description of work, dollar amount, and name of the low bidder. If award is recommended to be made to other than the low bidder, a justification indicating why the low bidder is not responsive or responsible.
- E. Contractor project construction schedule and payment schedule.
- F. Applicable wage rate determination letter.
- G. Tentative Award Resolution.

4. Comments: _____

I hereby certify that all documentation outlined in Section 2.1, 2.2 and 2.3 will be retained in our project files and all documentation outlined in Section 2.1 has been submitted to DOW and all documentation outlined in Section 2.2 will be submitted to DOW during the Pre-con meeting.

Date: _____

Signature of Authorized Representative

Name and Title

Attachment

Drinking Water SRF Project Cost Summary

Project Title: _____

WRIS#: WX

Project Budget: Estimated

As Bid

Revised

Cost Classification		DWSRF KIA Loan	Funding Source 1	Funding Source 2	Funding Source 3	Funding Source 4	Funding Source 5	Local Funds	Unfunded Costs	Total
1	Administrative Expenses									
2	Legal Expenses									
3	Land, Appraisals, Easements									
4	Relocation Expenses & Payments									
5	Planning									
6	Engineering Fees – Design									
7	Engineering Fees – Construction									
8	Engineering Fees – Inspection									
9	Engineering Fees – Other									
10	Construction									
11	Equipment									
12	Miscellaneous									
13	Contingencies									
	Total									

Funding Sources	Amount	Date Committed
1		
2		
3		
4		
5		
	Total	

Local Funding Sources	Amount	Date Committed
1		
2		
3		
	Total	

Cost Categories	Funding Source	Total Cost
Treatment		
Transmission and Distribution		
Source		
Storage		
Purchase of Systems		
Restructuring		
Land Acquisition		
Total Costs		

Total Funding _____

Distribution-Water Line Extension

Bullock Pen Water District
Facility Requirements

Activity ID No.: APE20140002

Page 1 of 5

PORT0000000041 (Looped WL, Ph#14) 8,320 LF of 6-inch PVC, and 1,440 LF of 8-inch HPDE waterline:

Narrative Requirements:

Condition No.	Condition
T-1	Construction of this project shall not result in the water system's inability to supply consistent water service in compliance with 401 KAR 8:010 through 8:600. [401 KAR 8:100 Section 5]
T-2	The public water system shall not implement a change to the approved plans without the prior written approval of the cabinet. [401 KAR 8:100 Section 4(3)]
T-3	A proposed change to the approved plans affecting sanitary features of design shall be submitted to the cabinet for approval in accordance with Section 2 of this administrative regulation. [401 KAR 8:100 Section 4(2)]
T-4	During construction, a set of approved plans and specifications shall be available at the job site. Construction shall be performed in accordance with the approved plans and specifications. [401 KAR 8:100 Section 3(1)]
T-5	Unless construction begins within two (2) years from the date of approval of the final plans and specifications, the approval shall expire. [401 KAR 8:100 Section 3(3)]
T-6	Upon completion of construction, a professional engineer shall certify in writing that the project has been completed in accordance with the approved plans and specifications. [401 KAR 8:100 Section 4(1)]
T-7	The system shall be designed to maintain a minimum pressure of 20 psi at ground level at all points in the distribution system under all conditions of flow. [Recommended Standards for Water Works 8.2.1, Drinking Water General Design Criteria IV.1.a]
T-8	Water lines should be hydraulically capable of a flow velocity of 2.5 ft/s while maintaining a pressure of at least 20 psi. [Drinking Water General Design Criteria IV.1.b]
T-9	The normal working pressure in the distribution system at the service connection shall not be less than 30 psi under peak demand flow conditions. Peak demand is defined as the maximum customer water usage rate, expressed in gallons per minute (gpm), in the pressure zone of interest during a 24 hour (diurnal) time period. [Drinking Water General Design Criteria IV.1.d]
T-10	When static pressure exceeds 150 psi, pressure reducing devices shall be provided on mains or as part of the meter setting on individual service lines in the distribution system. [Drinking Water General Design Criteria IV.1.c]

Distribution-Water Line Extension

Bullock Pen Water District
Facility Requirements

Activity ID No.: APE20140002

Page 2 of 5

PORT000000041 (continued):

Narrative Requirements:

Condition No.	Condition
T-11	The minimum size of water main in the distribution system where fire protection is not to be provided should be a minimum of three (3) inch diameter. Any departure from minimum requirements shall be justified by hydraulic analysis and future water use, and can be considered only in special circumstances. [Recommended Standards for Water Works 8.2.2, Drinking Water General Design Criteria IV.2.b]
T-12	Water mains not designed to carry fire-flows shall not have fire hydrants connected to them. [Recommended Standards for Water Works 8.4.1.b]
T-13	Flushing devices should be sized to provide flows which will give a velocity of at least 2.5 feet per second in the water main being flushed. [Recommended Standards for Water Works 8.2.4.b, Recommended Standards for Water Works 8.4.1.b]
T-14	No flushing device shall be directly connected to any sewer. [Recommended Standards for Water Works 8.2.4.b, Recommended Standards for Water Works 8.4.1.b]
T-15	Pipe shall be constructed to a depth providing a minimum cover of 30 inches to top of pipe. [Drinking Water General Design Criteria IV.3.a]
T-16	Water mains shall be covered with sufficient earth or other insulation to prevent freezing. [Recommended Standards for Water Works 8.7]
T-17	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 of at least six inches below the bottom of the pipe. [Recommended Standards for Water Works 8.7]
T-18	Water line installation shall incorporate the provisions of the AWWA standards and/or manufacturer's recommended installation procedures. [Recommended Standards for Water Works 8.7]
T-19	All materials used for the rehabilitation of water mains shall meet ANSI/NSF standards. [Recommended Standards for Water Works 8.1]
T-20	Packing and jointing materials used in the joints of pipe shall meet the standards of AWWA and the reviewing authority. [Recommended Standards for Water Works 8.1]
T-21	All tees, bends, plugs and hydrants shall be provided with reaction blocking, tie rods or joints designed to prevent movement. [Recommended Standards for Water Works 8.7]

Distribution-Water Line Extension

Bullock Pen Water District
Facility Requirements

Activity ID No.: APE20140002

Page 3 of 5

PORT000000041 (continued):

Narrative Requirements:

Condition No.	Condition
T-22	All materials including pipe, fittings, valves and fire hydrants shall conform to the latest standards issued by the ASTM, AWWA and ANSI/NSF, where such standards exist, and be acceptable to the Division of Water. [Recommended Standards for Water Works 8.1]
T-23	Water mains which have been used previously for conveying potable water may be reused provided they meet the above standards and have been restored practically to their original condition. [Recommended Standards for Water Works 8.1]
T-24	Manufacturer approved transition joints shall be used between dissimilar piping materials. [Recommended Standards for Water Works 8.1]
T-25	The minimum size of water main which provides for fire protection and serving fire hydrants shall be six inch diameter. [Recommended Standards for Water Works 8.2, Drinking Water General Design Criteria IV.2.a]
T-26	Pipes and pipe fittings containing more than 8% lead shall not be used. All products shall comply with ANSI/NSF standards. [Recommended Standards for Water Works 8.1]
T-27	Gaskets containing lead shall not be used. Repairs to lead joint pipe shall be made using alternative methods. [Recommended Standards for Water Works 8.1]
T-28	Pipe materials shall be selected to protect against both internal and external pipe corrosion. [Recommended Standards for Water Works 8.1]
T-29	Dead end mains shall be equipped with a means to provide adequate flushing. [Recommended Standards for Water Works 8.2]
T-30	The hydrant lead shall be a minimum of six inches in diameter. Auxiliary valves shall be installed on all hydrant leads. [Recommended Standards for Water Works 8.4.3]
T-31	A sufficient number of valves shall be provided on water mains to minimize inconvenience and sanitary hazards during repairs. [Recommended Standards for Water Works 8.3]
T-32	Wherever possible, chambers, pits or manholes containing valves, blowoffs, meters, or other such appurtenances to a distribution system, shall not be located in areas subject to flooding or in areas of high groundwater. Such chambers or pits should drain to the ground surface, or to absorption pits underground. The chambers, pits and manholes shall not connect directly to any storm drain or sanitary sewer. Blowoffs shall not connect directly to any storm drain or sanitary sewer. [Recommended Standards for Water Works 8.6]

Distribution-Water Line Extension

Bullock Pen Water District
Facility Requirements

Activity ID No.: APE20140002

Page 4 of 5

PORT000000041 (continued):

Narrative Requirements:

Condition No.	Condition
T-33	At high points in water mains where air can accumulate provisions shall be made to remove the air by means of air relief valves. [Recommended Standards for Water Works 8.5.1]
T-34	Automatic air relief valves shall not be used in situations where flooding of the manhole or chamber may occur. [Recommended Standards for Water Works 8.5.1]
T-35	The open end of an air relief pipe from automatic valves shall be extended to at least one foot above grade and provided with a screened, downward-facing elbow. [Recommended Standards for Water Works 8.5.2.c]
T-36	Discharge piping from air relief valves shall not connect directly to any storm drain, storm sewer, or sanitary sewer. [Recommended Standards for Water Works 8.5.2.d]
T-37	Water pipe shall be constructed with a lateral separation of 10 feet or more from any gravity sanitary or combined sewer measured edge to edge where practical. If not practical a variance may be requested to allow the water pipe to be installed closer to the gravity sanitary or combined sewer provided the water pipe is laid in a separate trench or undisturbed shelf located on one side of the sewer with the bottom of the pipe at least 18 inches above the top of the gravity sanitary or combined sewer pipe. [Drinking Water General Design Criteria IV.3.b]
T-38	Water lines crossing sanitary, combined or storm sewers shall be laid to provide a minimum vertical distance of 18 inches between the outside of the water main and the outside of the sanitary, combined or storm sewer with preference to the water main located above the sanitary, combined or storm sewer. [Drinking Water General Design Criteria IV.3.c]
T-39	At crossings, one full length of water pipe shall be located so both joints will be as far from the sewer as possible. [Recommended Standards for Water Works 8.8.3.b]
T-40	There shall be no connection between the distribution system and any pipes, pumps, hydrants, or tanks whereby unsafe water or other contaminating materials may be discharged or drawn into the system. [Recommended Standards for Water Works 8.10.1]
T-41	Water utilities shall have a cross connection program conforming to 401 KAR 8. [Recommended Standards for Water Works 8.10.1]
T-42	Installed pipe shall be pressure tested and leakage tested in accordance with the appropriate AWWA Standards. [Recommended Standards for Water Works 8.7.6]

Distribution-Water Line Extension

Bullock Pen Water District
Facility Requirements

Activity ID No.: APE20140002

Page 5 of 5

PORT0000000041 (continued):

Narrative Requirements:

Condition No.	Condition
T-43	New, cleaned and repaired water mains shall be disinfected in accordance with AWWA Standard C651. The specifications shall include detailed procedures for the adequate flushing, disinfection, and microbiological testing of all water mains. In an emergency or unusual situation, the disinfection procedure shall be discussed with the Division of Water. [Recommended Standards for Water Works 8.7.7]
T-44	A minimum cover of five feet shall be provided over pipe crossing underwater. [Recommended Standards for Water Works 8.9.2]
T-45	Valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair; the valves shall be easily accessible, and not subject to flooding for pipes crossing underwater. [Recommended Standards for Water Works 8.9.2.b]
T-46	Permanent taps or other provisions to allow insertion of a small meter to determine leakage and obtain water samples on each side of the valve closest to the supply source for pipes crossing. [Recommended Standards for Water Works 8.9.2.c]