

Rubin & Hays

ATTORNEYS AT LAW

Kentucky Home Trust Building, 450 South Third Street, Louisville, Kentucky 40202-1410
Telephone (502) 569-7525 Telefax (502) 569-7555 www.rubinhays.com

CHARLES S. MUSSON
W. RANDALL JONES
CHRISTIAN L. JUCKETT

March 27, 2017

RECEIVED

MAR 27 2017

PUBLIC SERVICE
COMMISSION

Dr. Talina Mathews
Executive Director
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Re: Western Pulaski County Water District - **PSC Case No. 2017-00063**

Dear Dr. Mathews:

Enclosed please find the original and ten (10) copies of a supplemental record filing of the Western Pulaski County Water District in connection with the above referenced Case.

If you need any additional information or documentation, please let us know.

Sincerely,

Rubin & Hays

By



W. Randall Jones

WRJ:jlm
Enclosures
cc: Distribution List



Drinking Water Project Profile

RECEIVED

MAR 27 2017

PUBLIC SERVICE COMMISSION

Legal Applicant: **Western Pulaski County Water District**
 Project Title: **Water System Improvements & Replacements**
 Project Number: **WX21199123** View Map
 Funding Status: **Fully Funded**
 Project Status: **Approved**
 Project Schedule: **3-5 Years**
 E-Clearinghouse SAI: **KY201603310298**
 Applicant Entity Type: **Water District (KRS 74)**
 Date Approved (AWMPC): **12-04-2014**

Submitted By: **LCADD**
 Primary County: **Pulaski**
 Planning Unit: **Western Pulaski**
 Multi-County: **No**
 ECH Status: **Approved**
 ADD WMC Contact: **Lindsay Dudgeon**

Project Description:

Project consists of approximately 7,300 LF of 6 inch waterline replacement along WTLO Road; 1,700 LF of 6 inch waterline replacement along Kentucky Highway 80; 2,000 LF of 3/4 inch service line replacement along Clifty Road; 1,800 LF of 6 inch waterline replacement along Slate Branch Road/Oak Hill Road; and 17,600 LF of new 12 inch water transmission main along the Somerset Bypass (KY 914). The project also includes the installation of one (1) 300,000 gallon elevated water storage tank to replace an existing 100,000 gallon ground storage tank at Hickory Nut Ridge Road; the installation of two (2) new pressure reducing stations along Wesley Warren Road and KY Highway 1676/King Bee Area; & 100 radio read meter system; and a new water booster pump station.

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 provide major improvements to the District's water distribution system. Project will eliminate several dilapidated and undersized water lines. The project will provide additional water storage by replacing an undersized water storage tank. The project will improve the quality of water by renovating an existing water storage tank that is experiencing large scale paint loss on both the interior and exterior surfaces. There are also certain structural and safety components which will require repair in order to ensure its continued operation. In addition, the project will provide a pressure reduction to areas experiencing high pressures.

Project Alternatives:

Alternate A:

Continue to use existing undersized and deteriorating water lines and install same size water line parallel with existing water line - does not meet desired improvements. Build additional tank next to existing tank of twice the size.

Alternate B:

Replace waterlines with larger size waterline and/or install alternate materials such as ductile iron - increases project cost without significant increase in benefit.

Legal Applicant:

Entity Type: **Water District (KRS 74)** PSC Group ID: **7000500**
 Entity Name: **Western Pulaski County Water District**
 Web URL:
 Office EMail: **joe-mcclendon@hotmail.com**
 Office Phone: **606-679-1569** Toll Free: Fax:

Mail Address Line 1: **2128 W Hwy 80** Phys Address Line 1: **2128 W Hwy 80**
 Mail Address Line 2:
 Phys Address Line 2:
 Mail City, State Zip: **Somerset, KY 42503** Phys City, State Zip:

Contact: **Joe McClendon** Auth Official: **Don Calder**
 Contact Title: **Field Manager** Auth Official Title: **Chairman**
 Contact EMail: **joe-mcclendon@hotmail.com** Auth Official EMail:
 Contact Phone: **606-679-1569** Auth Official Phone: **606-679-3793**
 Contact Cell: Auth Official Cell: **606-383-0899**
 Data Source: **Kentucky Infrastructure Authority**

Date Last Modified: 05.21.2014



Drinking Water Project Profile
 WX21199123 - Western Pulaski County Water District
 Water System Improvements & Replacements

Project Administrator (PA) Information

Name: **Deron Byrne**
 Title: **Project Engineer**
 Organization: **Monarch Engineer**
 Address Line 1: **556 Carlton Dr**
 Address Line 2:
 City: **Lawrenceburg** State: **KY** Zip: **40342**
 Phone: **502-839-1310** Fax: **502-839-1373**

Applicant Contact (AC) Information

Name: **Joe McClendon**
 Title: **Manager**
 Organization: **Western Pulaski County Water District**
 Address Line 1: **1059 W Hwy 80**
 Address Line 2:
 City: **Somerset** State: **KY** Zip: **42503**
 Phone: **606-679-1569** Fax:

Project Engineer (PE) Information:

This project requires a licensed Professional Engineer.

License No: **PE 15483**

PE Name: **David Michael Bowles**
 Phone: **502-839-1310** Fax: **502-839-1373**
 E-Mail: **dbowles@monarchengineering.net**
 Firm Name: **Monarch Engineering, Incorporated**
 Addr Line 1: **Monarch Engineering Incorporated**
 Addr Line 2: **556 Carlton Dr.**
 Addr Line 3:
 City: **Lawrenceburg** State: **KY** Zip: **40342**
 Status: **Current** Disciplinary Actions: **NO**
 Issued: **07-20-1988** Expires: **06-30-2017**

Engineering Firm Information:

Permit No: **857**
 Firm Name: **Monarch Engineering, Incorporated**
 Phone: **502-839-1310** Fax: **502-839-1373**
 Web URL:
 EMail: **dbowles@monarchengineering.net**
 Addr Line 1: **556 Carlton Drive**
 Addr Line 2:
 City: **Lawrenceburg** State: **KY** Zip: **40342**
 Status: **Current** Disciplinary Actions: **NO**
 Issued: **08-30-1994** Expires: **12-31-2017**



Drinking Water Project Profile

WX21199123 - Western Pulaski County Water District
Water System Improvements & Replacements

Estimated Budget

Project Cost Classification:

Administrative Exp.:	\$ 15,000
Legal Exp.:	\$ 15,000
Land, Appraisals, Easements:	
Relocation Exp. & Payments:	
Planning:	
Engineering Fees - Design:	\$ 196,000
Engineering Fees - Construction:	
Engineering Fees - Inspection:	\$ 112,000
Engineering Fees - Other:	\$ 30,000
Construction:	\$ 2,668,450
Equipment:	
Miscellaneous:	
Contingencies:	\$ 267,550
Total Project Cost:	\$ 3,304,000

Construction Cost Categories:

Treatment:	
Transmission & Distribution:	\$ 1,893,450
Source:	
Storage:	\$ 775,000
Purchase of Systems:	
Restructuring:	
Land Acquisition:	
Non-Catagorized:	
Total Construction:	\$ 2,668,450

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: **\$3,304,000**
 Total Committed Funding: **\$3,304,000**
 Funding Gap: **\$0 (Fully Funded)**

This project will be requesting SRF funding for fiscal year 2018.

Estimated Project Schedule:

Est. Environmental Review Submittal Date: **04-01-2016**
 Estimated Bid Date: **06-01-2016**
 Estimated Construction Start Date: **07-25-2016**
 Estimated Construction Completion Date: **03-15-2017**

Funding Source	Loan or Grant ID	Fiscal Year	Amount	Status	Applicable Date
KIA SRF Fund F Loan (DW)	F16-003	2016	\$3,304,000	Committed	11/5/2015
Total Committed			\$3,304,000		

Funding Source Notes:

The following systems are beneficiaries of this project:

KY1000363 Western Pulaski County 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

WX21199123 - Western Pulaski County Water District
Water System Improvements & Replacements

Economic Impacts	
Jobs Created:	
Jobs Retained:	

*Demographic Impacts (GIS Census Overlay)			
Serviceable Demographic	Project Area	Included Systems	Included Utilities
Population:	182	16,960	16,960
Households:	82	8,949	8,949
MHI:	\$32,408	\$38,067	*\$38,067
MHI MOE	\$4,561	\$6,820	*\$6,820
MOE as Pct:	14%	18.0%	18.0%
**NSRL:		1	1

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

MHI Source is from the American Community Survey 2011-2015 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 = \$43,740

- 80% KHMI = \$34,992

Geographic Impacts For Project Area

Counties
Pulaski

Legislative Districts

District Name	Legislator
House 052	Ken Upchurch
House 080	David Meade
House 083	Jeff Hoover
Senate 15	Rick Girdler
Congressional 5	Hal Rogers

Groundwater Sensitivity Zones

HUC 10 Watersheds

HUC Code	Watershed Name
0513010302	Pitman Creek-Cumberland River
0513010303	Fishing Creek
0513010304	Wolf Creek-Cumberland River

Geographic Impacts For Included System(s)

Counties
Casey
McCreary
Pulaski
Russell
Wayne

Legislative Districts

District Name	Legislator
House 052	Ken Upchurch
House 054	Daniel Elliott
House 080	David Meade
House 083	Jeff Hoover
House 085	Tommy Turner
Senate 14	Jimmy Higdon
Senate 15	Rick Girdler
Senate 16	Max Wise
Congressional 1	James Comer
Congressional 5	Hal Rogers

New Customers	
New Residential Customers:	5
New Commercial Customers:	
New Institutional Customers:	
New Industrial Customers:	

New or Improved Service		
Service Demographic	Survey Based	Census Overlay*
To Unserved Households:	5	
To Underserved Households:	800	82
To Total Households:	805	82
** Cost Per Household:	\$4,104	

* 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.



Drinking Water Project Profile

WX21199123 - Western Pulaski County Water District
Water System Improvements & Replacements

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 is necessary to achieve full or partial compliance with a court order, agreed order, or a judicial or administrative consent decree.
- Primary system has not received any SDWA Notices of Violation within the previous state fiscal year-July through June, i.e. July 2014 – June 2015).

Project Inventory (Mapped Features):

Mapped Point Features							
DOW Permit ID	Count	FeatureType	Purpose	Status	Existing Capacity	Proposed Capacity	Units
KY1000363	1	PUMP STATION	PUMP - BOOST PRESSURE	NEW		833.00	GPM
KY1000363	1	WATER TANK	TANK - INCREASE STORAGE	REPLACE - DECOMMISSION	100,000.00		GALLONS
KY1000363	1	WATER TANK	TANK - INCREASE STORAGE	REPLACE - NEW		300,000.00	GALLONS
KY1000363	2	PRESSURE REDUCING STATION	REDUCE PRESSURE	NEW			

Mapped Line Features							
DOW Permit ID	Line Type	Purpose	Activity	Size (in.)	Material	Length (LF)	
KY1000363	WATER LINE: FINISHED	DISTRIBUTION	EXTENSION	6.00	PVC	2,408	
KY1000363	WATER LINE: FINISHED	DISTRIBUTION	REHAB - REPLACE PROBLEM LINES	4.00	PVC	4,786	
KY1000363	WATER LINE: FINISHED	DISTRIBUTION	REHAB - REPLACE PROBLEM LINES	6.00	DUCTILE IRON	1,707	
KY1000363	WATER LINE: FINISHED	DISTRIBUTION	REHAB - REPLACE UNDERSIZED LINES	6.00	PVC	7,218	
KY1000363	WATER LINE: FINISHED	TRANSMISSION	EXTENSION	12.00	PVC	20,544	
					Total Length	36,663	

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.



Drinking Water Project Profile
WX21199123 - Western Pulaski County Water District
Water System Improvements & Replacements

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.

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.



Drinking Water Project Profile
 WX21199123 - Western Pulaski County Water District
 Water System Improvements & Replacements

Water Line Extensions:

This project includes water line extension(s).

Length of extensions: **22,952 LF**

Number of new connections: **5**

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.

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.

Total length of line replacement: **13,711**

Roads Serviced by Line Replacements:

Road Name	LF Serviced
Sleepy Hollow Road	800
Pleasant Point Drive	1,000
Ky Highway 80	1,700
Slate Branch/Oak Hill Road	1,800
Wesley Road	3,400
Clifty Road	4,800
Wtlo Road	7,300
Ky Highway 1674/Old Salts Road	12,000
Total LF Serviced	32,800



Drinking Water Project Profile

WX21199123 - Western Pulaski County Water District
Water System Improvements & Replacements

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).
 - Number of new tank(s): **0**
 - Existing storage capacity of tank(s) being decommissioned: **100,000**
 - Proposed storage capacity of new tank(s): **0**
- This project includes the rehabilitation of existing water tank(s).
 - Number of rehabilitated tanks: **0**
- This project includes the construction of new pump station(s).
 - Number of new pump stations: **1**
 - This project includes new pump stations for boosting pressure .
 - This project includes new pump stations for filling water tanks.
- This project includes the rehabilitation of existing pump station(s).
 - Number of rehabilitated pump stations: **1**

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
 WX21199123 - Western Pulaski County Water District
 Water System Improvements & Replacements

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 checked="" type="checkbox"/> Retrofitting/adding AMR capabilities or leak equipment to existing meters.	\$50,197
<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 checked="" type="checkbox"/> Distribution pipe replacement or rehabilitation to reduce water loss and prevent water main breaks.*	\$1,372,150
<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:	\$1,422,347

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

Project will eliminate several dilapidated and undersized water lines and purchase 100 radio read meters.

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

WX21199123 - Western Pulaski County Water District
Water System Improvements & Replacements

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 Anshu Singh (Anshu.Singh@ky.gov) for CW projects

Component
Last Rate Adjustment Date: 06-02-2014 Download Fee Schedule
Rate Adjustment Age: 31 months
System's monthly water bill, based on 4,000 gallons, as a percentage of MHI: 0.07%
<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 specifically allocated funds for the rehabilitation and replacement of aging and deteriorating infrastructure.
<i>If any boxes are checked above, please describe each below:</i>
Western Pulaski County Water District have appropriate rates to build, Operate, and maintain their system.



Drinking Water Project Profile

WX21199123 - Western Pulaski County Water District
Water System Improvements & Replacements

Project Notes:

Date	Notes
03/18/2016	<p data-bbox="251 283 852 310">Narrative revised by KIA. Original narrative was as follows:</p> <p data-bbox="251 336 1474 571">Project consists of approximately 1,800 LF of 3-inch water line replacement along Pleasant Point Drive and Sleepy Hollow Road; 650 LF water line extension along McClendon Road; 8,200 LF of 4-inch water line replacement along Clifty Road and Wesley Road; 21,000 LF of 6-inch water line replacement along WTLO Road, KY Highway 80 and KY Highway 1674/Old Salts Road; 1,800 LF of 6-inch water line relocation along Slate Branch road and Oak Hill Road; and 7,500 LF of new 12-inch water transmission main along the Somerset Bypass (KY 914). The project also includes the installation of one (1) 300,000 gallon elevated water storage tank to replace an existing 100,000 gallon ground storage tank at Hickory Nut Ridge Road, and the renovation of an existing 300,000 gallon water storage tank. The project will include the installation of two (2) new pressure reducing stations along Wesley Warren road and KY Highway 11676/King Bee Area and 100 radio read meter system.</p>

Project Status: Approved	Date Approved: 12-04-2014	Date Revised:
---------------------------------	---------------------------	---------------
