

**COMMONWEALTH OF KENTUCKY**

**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>ELECTRONIC ALLEN COUNTY WATER</b>	)	<b>CASE NO.</b>
<b>DISTRICT UNACCOUNTED-FOR WATER</b>	)	<b>2023-00212</b>
<b>LOSS REDUCTION PLAN, SURCHARGE</b>	)	
<b>MONITORING</b>	)	

**RESPONSE OF ALLEN COUNTY WATER DISTRICT TO  
COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION**

Allen County Water District submits the following as its Response to Commission Staff's First Request for Information.

Dated: October 1, 2024

Respectfully submitted,



Shawn Rosso Alcott

[salcott@kerricklaw.com](mailto:salcott@kerricklaw.com)

KERRICK BACHERT

1411 Scottsville Road

Bowling Green, KY 42101

Telephone: (270)781-8160

Fax: (270) 782-5856

*Counsel for Allen County Water District*

**CERTIFICATE OF SERVICE**

I certify that the electronic filing has been transmitted to the Kentucky Public Service Commission on October 1, 2024 and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means.



Shawn Rosso Alcott

*Counsel for Allen County Water District*

**COMMONWEALTH OF KENTUCKY**

**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>ELECTRONIC ALLEN COUNTY WATER</b>	)	<b>CASE NO.</b>
<b>DISTRICT UNACCOUNTED-FOR WATER</b>	)	<b>2023-00212</b>
<b>LOSS REDUCTION PLAN, SURCHARGE</b>	)	
<b>MONITORING</b>	)	

**RESPONSE OF ALLEN COUNTY WATER DISTRICT TO**

**COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION**

**FILED: October 1, 2024**

**VERIFICATION**

**COMMONWEALTH OF KENTUCKY )**


**COUNTY OF ALLEN )**

The undersigned, Keri Hill, being duly sworn, states that she is the Office Manager of the matters set forth in the responses for which she is identified as a witness and the answers contained therein are true and correct to the best of her information, knowledge and belief.



Keri Hill  
Office Manager

Subscribed and sworn to before me, a Notary Public in and before said County and State, this the 1<sup>st</sup> day of October 2024.



Notary Public

My Commission Expires:

Notary ID:

10-10-24

KYNP 16191

**Allen County Water District's Response to Commission Staff's First Request for  
Information  
Case No. 2023-00212**

Question No. 1

Responding Witness: Keri Hill

**Q1: Refer to the Qualified Infrastructure Improvement Plan filed August 17, 2023. Provide documentation to support the proposed total qualified infrastructure expenditures in the amount of \$187,963.**

A1: In Table 6 located on page 6 of its Qualified Infrastructure Improvement Plan, Allen County Water District ("Allen District) three projects undertaken by the Allen District to address the issue of water loss are identified: 31-E Emergency Repair; Pressure Zone Meters and Water Meter Replacement.

**Pressure Zone Meters** In 2019, the board and staff of Allen District decided it needed to adopt a more systematic approach to reducing water loss. To this end, it commissioned Bluegrass Engineering to develop a Water Loss Control Program and it began implementing various recommendations made in the plan. One of the first and foundational steps to Allen District's water loss control program was to establish pressure zones and collect data from pressure meters installed in each zone. To help identify areas in its system that may be experiencing leaks, Allen District divided its system into pressure zones and installed pressure meters in each zone to collect data to establish normal usage metrics from daily readings. Allen District also designated each account to a specific pressure zone. With the pressure zone meter readings and having all accounts sortable based on pressure zone, usage within a pressure zone could be calculated and monitored to help detect possible sources of water loss. Pressure zones meters were installed in 2019 by Southern Contracting. Cost of materials totaled \$40,645.92 and while installation cost \$18,076.00 for a total project cost of \$58,721.92. Cost Documentation showing the costs incurred in this project are attached as **Composite Exhibit A**.

**31-E Emergency Repairs**. After pressure zone meters were installed and Allen District began regularly and systematically reviewing the data collected by pressure zone, staff recognized that a large leak was occurring in the Glasgow Pressure Zone. Through the process of step-down valving of the Glasgow Pressure Zone, it was determined that there was a leak in the 12-inch transmission main between the Glasgow Purchase Point and the 31-E booster station. Staff began walking the lines and discovered a large leak that was discharging at a creek bank and never "daylighting". In June of 2021 Allen District authorized the replacement of the 12-inch water main. Bids were advertised and a contract was awarded to Cumberland Pipeline to complete the work. During construction, two additional leaks were discovered upstream of the original leak and a change order to the contract was approved. Total cost of the 31-E Emergency Repairs totaled \$133,863.00. Invoices from Bluegrass Engineering and Cumberland Pipeline's Cost Breakdown and Application for Payment are attached as **Composite Exhibit B**.

**Water Meter Replacement.** During the process of designating each account to a pressure zone based on its location, the staff of Allen District noticed an unusual amount of “no read” meters. These “no read” meters were identified as a source of apparent water loss, not actual water loss, as the district was delivering water to the point of sale but it was not being registered as being sold, thus increasing the water loss percentage. As a result, Allen District conducted a random testing of meters to determine the accuracy of its meters in service and based on the results of that testing, elected to switch to more accurate low flow capacity meters. Any meter that was identified as a “no read” meter was replaced and the Allen District began the process of replacing all meters in the system to accurate low flow meters. In 2019, Allen District purchased 400 Neptune low flow meters for a total of \$21,100 and began the process of replacing all “no read” meters with more accurate low flow meters. Invoices associated with this project are attached as **Composite Exhibit C**.

***Composite Exhibit A***



DUPLICATE  
**INVOICE**

Invoice # K526986  
Invoice Date 7/10/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$6,038.05

1830 Craig Park Court  
St. Louis, MO 63146

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Osburn Rd  
SCOTTSVILLE, KY

CUSTOMER JOB- OSBURN RD

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 5/07/19 Date Shipped 7/09/19 Customer PO # VERBAL JOSH Job Name OSBURN RD Job # Bill of Lading Shipped Via CORE & MAIN LP Invoice# K526986

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			
21I04T040M	4 MJ TEE C153 IMP BID SEQ# 40	2	2	47.28000	EA	94.56
21I049M	4 MJ 90 C153 IMP BID SEQ# 50	2	2	36.00000	EA	72.00
5104A236123	4 A2361-23 MJ RW GV OL L/ACC BID SEQ# 60	3	3	418.99000	EA	1,256.97
59V562S	562-S VLV BOX W/LID M/WATER BID SEQ# 70	3	3	44.00000	EA	132.00
0104350T	4 TJ PR350 DI PIPE BID SEQ# 80	18	18	17.25000	FT	310.50
21I04R02M	4X2 MJ RED C153 IMP BID SEQ# 90	2	2	42.91000	EA	85.82
21IAMF704EZDP	4 SIP EZ GRIP DI REST W/ACC IMP EZDP04 BID SEQ# 100	18	18	25.75000	EA	463.50
2402MIDIPSPACK	MIDCO 2 PERMAGRIP IPS REST SET 3018 BID SEQ# 110	2	2	25.50000	EA	51.00
0502080	2 PVC SCH80 PIPE SWB 20' BID SEQ# 120	20	20	1.60000	FT	32.00
2902080FHVS	2 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-020 BID SEQ# 130	5	5	13.58000	EA	67.90
/54015693556	876-56-02005416 2 HYMAX RD FLG BID SEQ# 140	1	1	114.08000	EA	114.08
5502A2602601	2 A2602-6-01 FLG L&W CHK VALVE BID SEQ# 150	1	1	553.36000	EA	553.36



DUPLICATE  
**INVOICE**

Invoice # K526986  
Invoice Date 7/10/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$6,038.05

1830 Craig Park Court  
St. Louis, MO 63146

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Osburn Rd  
SCOTTSVILLE, KY

CUSTOMER JOB- OSBURN RD

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 5/07/19 Date Shipped 7/09/19 Customer PO # VERBAL JOSH Job Name OSBURN RD Job # Bill of Lading Shipped Via CORE & MAIN LP Invoice# K526986

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
44BM1007767	2 BADGER BRNZ MTR STRAINER (R) ROUND W/DRAIN PLUG LL-NSF W/SS STUDS/NUTS & GASKET 100-7767 BID SEQ# 160	1	1		345.68000	EA	345.68
/45015693557	2 BADGER COMPOUND METER WITH W/ (2) HRE-LCD REGISTER W/ NICOR CONNECTOR BID SEQ# 170	1	1		1773.34000	EA	1,773.34
24AFBNGF02RAS	2X1/8 FLG ACC RR FF 304SS B&N BID SEQ# 200	6	6		5.51000	EA	33.06
/78015693559	USF APS300 48X36 ALUM ACC DOOR BID SEQ# 240	1	1		652.28000	EA	652.28

Freight Delivery Handling Restock Misc

Subtotal: 6,038.05  
Other: .00  
Tax: .00

Terms: NET 30  
Ordered By: JOSH REYNOLDS

Invoice Total: \$6,038.05

This transaction is governed by and subject to Core & Main's standard terms and conditions, which are incorporated by reference and accepted.  
To review these terms and conditions, please visit: <https://coreandmain.com/terms-of-sale/>





DUPLICATE  
**INVOICE**

1830 Craig Park Court  
St. Louis, MO 63146

Invoice # K526717  
Invoice Date 7/10/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$6,687.48

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Stafford Hollow 1  
SCOTTSVILLE, KY

CUSTOMER JOB- STAFFORD HOLLOW

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 5/07/19 Date Shipped 7/09/19 Customer PO # VERBAL JOSH Job Name STAFFORD HOLLOW Job # Bill of Lading Shipped Via CORE & MAIN LP Invoice# K526717

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
21I06R04M	6X4 MJ RED C153 IMP	2	2		34.19000	EA	68.38
25I04FP0600	4 FLGXPE DI PIPE 6' IMP	2	2		184.24000	EA	368.48
/45015693546	4 BADGER COMP SERIES METER W/ (2) HRE-LCD REGISTER W/ NICOR CONNECTOR BID SEQ# 70	1	1		3345.38000	EA	3,345.38
44BM1006312	4" BADGER BRNZ MTR STRAINER ROUND W/DRAIN PLUG LL-NSF W/SS STUDS/NUTS & GASKET 100-6312 BID SEQ# 100	1	1		685.58000	EA	685.58
25I04FF0108	4 FLGXFLG DI PIPE 1'8" IMP BID SEQ# 110	1	1		139.00000	EA	139.00
25I04FP0100	4 FLGXPE DI PIPE 1' IMP BID SEQ# 120	1	1		65.65000	EA	65.65
74DJ4004	DJ400-4 4 DISMANTLING JT BID SEQ# 130	1	1		565.38000	EA	565.38
5504A2602601	4 A2602-6-01 FLG L&W CHK VLV BID SEQ# 140	1	1		733.21000	EA	733.21
24AFBNGF04RAS	4X1/8 FLG ACC SET 304SS RR FF GSKT BID SEQ# 150	6	6		10.69000	EA	64.14
/78015693548	USF APS300 48X36 ALUM ACC DOOR BID SEQ# 190	1	1		652.28000	EA	652.28



DUPLICATE  
**INVOICE**

Invoice # K526717  
Invoice Date 7/10/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$6,687.48

1830 Craig Park Court  
St. Louis, MO 63146

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Stafford Hollow 1  
SCOTTSVILLE, KY

CUSTOMER JOB- STAFFORD HOLLOW

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice#
5/07/19	7/09/19	VERBAL JOSH	STAFFORD HOLLOW			CORE & MAIN LP	K526717

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			

Freight      Delivery      Handling      Restock      Misc

Subtotal: 6,687.48  
Other: .00  
Tax: .00

Terms: NET 30  
Ordered By: JOSH REYNOLDS

Invoice Total: \$6,687.48

This transaction is governed by and subject to Core & Main's standard terms and conditions, which are incorporated by reference and accepted.  
To review these terms and conditions, please visit: <https://coreandmain.com/terms-of-sale/>



DUPLICATE  
**INVOICE**

Invoice # K599624  
Invoice Date 7/18/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$2,277.78

1830 Craig Park Court  
St. Louis, MO 63146

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Oak Forrest  
SCOTTSVILLE, KY

CUSTOMER JOB- OAK FOREST

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice#
5/21/19	7/15/19	VERBAL JOSH	OAK FOREST			DIRECT	K599624

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			

	CORE & MAIN PO#-	9226075				
/62015693569	6'0"LX4'0"WX4'0"D CONCRETE VAULT, W/ MANHOLE STEPS, AND DELIVERY FOR 2" THROUGH PIPE BID SEQ# 210	1	1	2277.78000	EA	2,277.78

Freight      Delivery      Handling      Restock      Misc

Subtotal: 2,277.78  
Other: .00  
Tax: .00

Terms: NET 30  
Ordered By: JOSH REYNOLDS

Invoice Total: \$2,277.78

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DUPLICATE  
**INVOICE**

1830 Craig Park Court  
St. Louis, MO 63146

Invoice # K518908  
Invoice Date 7/18/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$2,277.78

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Stafford Hollow 2  
SCOTTSVILLE, KY

CUSTOMER JOB- STAFFORD HOLLOW

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice#
5/06/19	7/15/19	VERBAL JOSH	STAFFORD HOLLOW			DIRECT	K518908

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			

	CORE & MAIN PO#-		9226075			
/62015693525	6'0"LX4'0"WX4'0"D CONCRETE VAULT, W/ MANHOLE STEPS, AND DELIVERY FOR 4" THROUGH PIPE BID SEQ# 280	1	1	2277.78000	EA	2,277.78

Freight      Delivery      Handling      Restock      Misc

Subtotal: 2,277.78  
Other: .00  
Tax: .00

Terms: NET 30  
Ordered By: JOSH REYNOLDS

Invoice Total: \$2,277.78

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DUPLICATE  
**INVOICE**

1830 Craig Park Court  
St. Louis, MO 63146

Invoice # K527144  
Invoice Date 7/18/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$2,277.78

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Osburn Rd  
SCOTTSVILLE, KY

CUSTOMER JOB- OSBURN RD

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice#
5/07/19	7/15/19	VERBAL JOSH	OSBURN RD			DIRECT	K527144

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				

/62015693558	CORE & MAIN PO#- 9226075 6'0"LX4'0"WX4'0"D CONCRETE VAULT, W/ MANHOLE STEPS, AND DELIVERY FOR 2" TRHOUGH PIPE BID SEQ# 210	1	1		2277.78000	EA	2,277.78
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Freight      Delivery      Handling      Restock      Misc

Subtotal: 2,277.78  
Other: .00  
Tax: .00

Terms: NET 30  
Ordered By: JOSH REYNOLDS

Invoice Total: \$2,277.78

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DUPLICATE  
**INVOICE**

Invoice # K527117  
Invoice Date 7/18/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$2,277.78

1830 Craig Park Court  
St. Louis, MO 63146

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Stafford Hollow 1  
SCOTTSVILLE, KY

CUSTOMER JOB- STAFFORD HOLLOW

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered Date Shipped Customer PO # Job Name Job # Bill of Lading Shipped Via Invoice#  
5/07/19 7/15/19 VERBAL JOSH STAFFORD HOLLOW DIRECT K527117

Product Code Description Quantity Ordered Shipped B/O Price UM Extended Price

CORE & MAIN PO#- 9226075

/62015693547 6'0"LX4'0"WX4'0"D CONCRETE 1 1 2277.78000 EA 2,277.78  
VAULT, W/ MANHOLE STEPS, AND  
DELIVERY  
FOR 4" THROUGH PIPE  
BID SEQ# 160

Freight Delivery Handling Restock Misc

Subtotal: 2,277.78  
Other: .00  
Tax: .00

Invoice Total: \$2,277.78

Terms: NET 30  
Ordered By: JOSH REYNOLDS

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1830 Craig Park Court  
St. Louis, MO 63146

Invoice # K551217  
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Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$6,038.05

Remit To:  
CORE & MAIN LP  
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ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
SCOTTSVILLE, KY

CUSTOMER JOB- OAK FORREST

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 5/10/19 Date Shipped 7/09/19 Customer PO # VERBAL JOSH Job Name OAK FORREST Job # Bill of Lading Shipped Via CORE & MAIN LP Invoice# K551217

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
21I04T040M	4 MJ TEE C153 IMP BID SEQ# 40	2	2		47.28000	EA	94.56
21I049M	4 MJ 90 C153 IMP BID SEQ# 50	2	2		36.00000	EA	72.00
5104A236123	4 A2361-23 MJ RW GV OL L/ACC BID SEQ# 60	3	3		418.99000	EA	1,256.97
59V562S	562-S VLV BOX W/LID M/WATER BID SEQ# 70	3	3		44.00000	EA	132.00
0104350T	4 TJ PR350 DI PIPE BID SEQ# 80	18	18		17.25000	FT	310.50
21I04R02M	4X2 MJ RED C153 IMP BID SEQ# 90	2	2		42.91000	EA	85.82
21IAMF704EZDP	4 SIP EZ GRIP DI REST W/ACC IMP EZDP04 BID SEQ# 100	18	18		25.75000	EA	463.50
2402MIDIPSPACK	MIDCO 2 PERMAGRIP IPS REST SET 3018	2	2		25.50000	EA	51.00
0502080	2 PVC SCH80 PIPE SWB 20' BID SEQ# 120	20	20		1.60000	FT	32.00
2902080FHVS	2 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-020 BID SEQ# 130	5	5		13.58000	EA	67.90
/54015693567	876-56-02005416 2 HYMAX RD FLG BID SEQ# 140	1	1		114.08000	EA	114.08
5502A2602601	2 A2602-6-01 FLG L&W CHK VALVE BID SEQ# 150	1	1		553.36000	EA	553.36



DUPLICATE  
**INVOICE**

1830 Craig Park Court  
St. Louis, MO 63146

Invoice # K551217  
Invoice Date 7/10/19  
Account # 141618  
Sales Rep UNASSIGNED  
Phone # 270-783-8721  
Branch #113 Bowling Green, KY  
Total Amount Due \$6,038.05

Remit To:  
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PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
SCOTTSVILLE, KY

CUSTOMER JOB- OAK FORREST

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Date Ordered 5/10/19 Date Shipped 7/09/19 Customer PO # VERBAL JOSH Job Name OAK FORREST Job # Bill of Lading Shipped Via CORE & MAIN LP Invoice# K551217

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
44BM1007767	2 BADGER BRNZ MTR STRAINER (R) ROUND W/DRAIN PLUG LL-NSF W/SS STUDS/NUTS & GASKET 100-7767 BID SEQ# 160	1	1		345.68000	EA	345.68
/45015693568	2 BADGER COMPOUND METER WITH W/ (2) HRE-LCD REGISTER W/ NICOR CONNECTOR BID SEQ# 170	1	1		1773.34000	EA	1,773.34
24AFBNGF02RAS	2X1/8 FLG ACC RR FF 304SS B&N BID SEQ# 200	6	6		5.51000	EA	33.06
/78015693570	USF APS300 48X36 ALUM ACC DOOR BID SEQ# 240	1	1		652.28000	EA	652.28

Freight Delivery Handling Restock Misc

Subtotal: 6,038.05  
Other: .00  
Tax: .00

Terms: NET 30  
Ordered By: JOSH REYNOLDS

Invoice Total: \$6,038.05

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DUPLICATE  
**INVOICE**

Invoice # K518877  
 Invoice Date 7/10/19  
 Account # 141618  
 Sales Rep UNASSIGNED  
 Phone # 270-783-8721  
 Branch #113 Bowling Green, KY  
 Total Amount Due \$12,771.22

1830 Craig Park Court  
 St. Louis, MO 63146

Remit To:  
 CORE & MAIN LP  
 PO BOX 28330  
 ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
 PO BOX 58  
 SCOTTSVILLE KY 42164 0058

Shipped To:  
 330 NEW GALLATIN ROAD  
 attn: Josh - Stafford Hollow 2  
 SCOTTSVILLE, KY

CUSTOMER JOB- STAFFORD HOLLOW

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 Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice#
5/06/19	7/09/19	VERBAL JOSH	STAFFORD HOLLOW			CORE & MAIN LP	K518877

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
21I06T060M	6 MJ TEE C153 IMP BID SEQ# 70	4	4		85.10000	EA	340.40
21I069M	6 MJ 90 C153 IMP BID SEQ# 80	2	2		58.91000	EA	117.82
21I049M	4 MJ 90 C153 IMP BID SEQ# 90	4	4		36.00000	EA	144.00
5106A236123	6 A2361-23 MJ RW GV OL L/ACC BID SEQ# 100	4	4		534.44000	EA	2,137.76
5104A236123	4 A2361-23 MJ RW GV OL L/ACC BID SEQ# 110	2	2		418.99000	EA	837.98
59V562S	562-S VLV BOX W/LID M/WATER BID SEQ# 120	6	6		44.00000	EA	264.00
010650T	6 TJ CL50 PR350 DI PIPE BID SEQ# 130	18	18		13.20000	FT	237.60
0104350T	4 TJ PR350 DI PIPE BID SEQ# 140	36	36		17.25000	FT	621.00
21I06R04M	6X4 MJ RED C153 IMP BID SEQ# 150	4	4		34.19000	EA	136.76
21IAMF706EZDP	6 SIP EZ GRIP DI REST W/ACC IMP EZDP06 BID SEQ# 160	30	30		31.81000	EA	954.30
21IAMF704EZDP	4 SIP EZ GRIP DI REST W/ACC IMP EZDP04 BID SEQ# 170	14	14		25.75000	EA	360.50
25I04FP0600	4 FLGXPE DI PIPE 6' IMP BID SEQ# 180	2	2		184.24000	EA	368.48



DUPLICATE

# INVOICE

1830 Craig Park Court  
St. Louis, MO 63146

Invoice #	K518877
Invoice Date	7/10/19
Account #	141618
Sales Rep	UNASSIGNED
Phone #	270-783-8721
Branch #113	Bowling Green, KY
Total Amount Due	\$12,771.22

Remit To:  
CORE & MAIN LP  
PO BOX 28330  
ST. LOUIS, MO 63146

ALLEN COUNTY WATER DISTRICT  
PO BOX 58  
SCOTTSVILLE KY 42164 0058

Shipped To:  
330 NEW GALLATIN ROAD  
attn: Josh - Stafford Hollow 2  
SCOTTSVILLE, KY

CUSTOMER JOB- STAFFORD HOLLOW

-----  
Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice#
5/06/19	7/09/19	VERBAL JOSH	STAFFORD HOLLOW			CORE & MAIN LP	K518877

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
/45015693524	4 BADGER COMP SERIES METER W/ (2) HRE-LCD REGISTER W/ NICOR CONNECTOR BID SEQ# 190	1	1		3345.38000	EA	3,345.38
44BM1006312	4" BADGER BRNZ MTR STRAINER ROUND W/DRAIN PLUG LL-NSF W/SS STUDS/NUTS & GASKET 100-6312 BID SEQ# 220	1	1		685.58000	EA	685.58
25I04FF0108	4 FLGXFLG DI PIPE 1'8" IMP BID SEQ# 230	1	1		139.00000	EA	139.00
25I04FP0100	4 FLGXPE DI PIPE 1' IMP BID SEQ# 240	1	1		65.65000	EA	65.65
74DJ4004	DJ400-4 4 DISMANTLING JT BID SEQ# 250	1	1		565.38000	EA	565.38
5504A2602601	4 A2602-6-01 FLG L&W CHK VLV BID SEQ# 260	1	1		733.21000	EA	733.21
24AFBNGF04RAS	4X1/8 FLG ACC SET 304SS RR FF GSKT BID SEQ# 270 *	6	6		10.69000	EA	64.14
/78015693526	USF APS300 48X36 ALUM ACC DOOR BID SEQ# 310	1	1		652.28000	EA	652.28

Freight	Delivery	Handling	Restock	Misc
Terms: NET 30				
Ordered By: JOSH REYNOLDS				

Subtotal:	12,771.22
Other:	.00
Tax:	.00
<b>Invoice Total:</b>	<b>\$12,771.22</b>

This transaction is governed by and subject to Core & Main's standard terms and conditions, which are incorporated by reference and accepted.  
To review these terms and conditions, please visit: <https://coreandmain.com/terms-of-sale/>

**Leak Detection Program**

Bluegrass Engineering and Allen County Water District have received contractor installation costs and material costs. Below is a summary of price quotes from both suppliers and contractors:

**Installation Costs**

Name of Contractor	Installation Cost
Southern Contractor of Kentucky	\$ 18,076.00
Flo-Line Contracting	\$ 23,500.00
Western Kentucky Utility Construction	No price submitted

**Material Costs**

Name of Supplier	Material Cost <sup>1</sup>
Core & Main	\$ 42,012.25
CI Thornburg CO., Inc	\$ 50,463.35

**Notes:**

- 1 Installation Costs only include mounting of materials, excavation, & installation of master meter vaults.
- 2 Material Costs only include materials needed for installation of pressure zone meters.

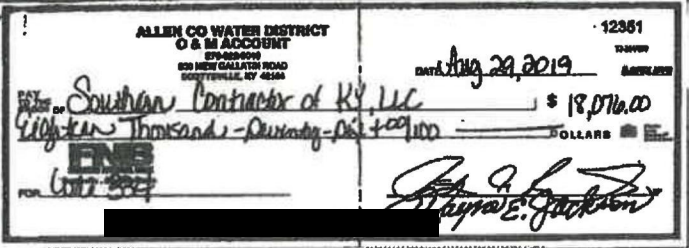
Bluegrass Engineering recommends going with the low bidder for both the installation and material costs.

*June 1  
Dec 12  
Pd 2x galy*

**FirstBank**  
 1221 Broadway Suite 1300  
 Nashville TN 37203  
 800-413-1211

**Allen County Water District**  
 O & M Account  
 330 New Gallatin Road  
 Scottsville KY 42164

Customer Number: AAG1279  
 Account Number: XXXXXXXXXXXXXXX0292

Date	Check #	Amount
8/30/2019	8888	\$35,828.09
<p><b>Check21 GL Offset</b></p> <p>This item has been automatically generated by 4 sight to denote a GL offset.</p>		
8/30/2019	12351	\$18,076.00
		
8/30/2019	7789	\$641.55

This temporary statement from FirstBank is not a formal statement of your account.  
 These items will be reflected again on your regularly scheduled statement.

***Composite Exhibit B***



**INVOICE**

**CLIENT:**  
 Allen County Water District  
 330 New Gallatin Road  
 Scottsville, Kentucky 42164

**Invoice Date:** 7/16/2021  
**Invoice No.** 2021-043  
**Proj. No.** 21012

Job Description: Emergency 31-E Repair  
 Billing Period: May 4, 2021 thru July 16, 2021

	Total Fee	% Complete	Total Earned to Date	Amount Paid to Date	Amount Due to Date
<b>Preliminary Services</b>					
Preliminary Engineering Report	\$ -	0.00%	\$ -	\$ -	\$ -
<b>Total Preliminary Services</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Design &amp; Construction Services</b>					
Engineering Design					
Design Services	\$ 4,500.00	100.00%	\$ 4,500.00	\$ -	\$ 4,500.00
Bidding Services	\$ 500.00	100.00%	\$ 500.00	\$ -	\$ 500.00
Construction Administration	\$ 1,000.00	100.00%	\$ 1,000.00	\$ -	\$ 1,000.00
Record Drawings	\$ -	0.00%	\$ -	\$ -	\$ -
Inspection Services	\$ 4,320.00	100.00%	\$ 4,320.00	\$ -	\$ 4,320.00
<b>Total Design &amp; Construction Services</b>	<b>\$ 10,320.00</b>	<b>100.00%</b>	<b>\$ 10,320.00</b>	<b>\$ -</b>	<b>\$ 10,320.00</b>
<b>Total</b>	<b>\$ 10,320.00</b>		<b>\$ 10,320.00</b>	<b>\$ -</b>	<b>\$ 10,320.00</b>

**PLEASE MAKE CHECK PAYABLE TO: BLUEGRASS ENGINEERING, PLLC**

Remit to: **Bluegrass Engineering, PLLC**  
**PO Box 1657**  
**Georgetown, Kentucky 40324**

ORIGINAL

## APPLICATION FOR PAYMENT

**Project No:** 21-19 **Application for Payment No.:** 1  
**Project:** Allen County Emergency Waterline **Period Beginning Date:** 6/28/2021  
**Period Ending Date:** 7/14/2021  
**Owner:** Allen County Water District **General Contractor:** Cumberland Pipeline, LLC  
 330 New Gallatin Road 2909 Cane Valley Mill Rd  
 Scottsville, KY 42164 Columbia KY 42728

### CONTRACTOR AFFADAVIT

The undersigned affiant states that he/she is the Authorized Signatory of the CONTRACTOR for the construction of the PROJECT. By his personal knowledge, he further states that the WORK covered by this APPLICATION FOR PAYMENT has been completed in accordance with the CONTRACT DOCUMENTS and executed amendments thereto; that for all previous APPLICATIONS FOR PAYMENT, except as noted hereinafter as exceptions, the CONTRACTOR has paid in full or has otherwise satisfied all obligations (1) for equipment and materials (whether incorporated into the WORK or acceptably stored on-site), (2) for all work, labor, and services performed, and (3) for all known indebtedness and claims against the CONTRACTOR for damages arising in any manner in connection with the performance of this CONTRACT for which the OWNER, the OWNER's property, or the CONTRACT funds might in any way be held responsible, including the applicable State Statute, and that the current payment on this APPLICATION FOR PAYMENT is now due and payable. This affidavit is directed to the OWNER by and through its ENGINEER.

**EXCEPTIONS:** NONE (If none, write "NONE". Attach additional sheets, if necessary.)

If required by the OWNER, the CONTRACTOR shall furnish a bond satisfactory to the OWNER for each exception)

Michael Ellison  
**CONTRACTOR** Kentucky **DATE** 7/15/2021  
 State of: Kentucky County of: Adair  
**SUBSCRIBED** and sworn to before me by Michael Ellison on this 15<sup>th</sup> day of July, 2021.  
Jennifer Sabor My Commission expires: 11/04/2023  
**NOTARY PUBLIC**

### STATEMENT BY ENGINEER

BASED upon on-site observation, and to the best of my knowledge, understanding, and belief, the WORK has progressed to the point indicated herein; and the quality of the WORK complies with the requirements of the CONTRACT DOCUMENTS.

Walter K. Cook 07/19/2021  
**ENGINEER** **DATE**

### APPLICATION FOR PAYMENT SUMMARY

TOTAL WORK COMPLETED TO DATE	\$123,543.00	ORIGINAL CONTRACT PRICE	\$103,151.00
BALANCE OF STORED MATERIALS	0.00	C.O. 1	19,060.00
TOTAL ENTITLEMENT TO DATE	\$123,543.00		0.00
AMOUNT RETAINED PER CONTRACT	0.00		0.00
CLAIMS AGAINST THE CONTRACT FUNDS	0.00		
TOTAL DUE CONTRACTOR TO DATE	\$123,543.00		
AMOUNT OF PREVIOUS PAYMENTS	\$0.00	TOTAL CONTRACT PRICE TO DATE	\$122,211.00
<b>AMOUNT DUE CONTRACTOR THIS PAYMENT</b> <span style="float: right;">\$123,543.00</span>		Percent Complete (Excluding Stored Materials)	101%

### AUTHORIZATION BY OWNER

**OWNER** **DATE**  
 Attachments: Cost Breakdown  
 Stored Material Breakdown (if applicable)

**COST BREAKDOWN**  
**Cumberland Pipeline, LLC**

Project No.: 21-19  
Project: Allen Co. Emergency Waterline Replacement

Application for Payment No.: 1  
Period Beginning Date: 6/28/21  
Period Ending Date: 07/14/21

Item No.	Description of Work	Breakdown				Completed Previously		Completed This Mo.		Completed To Date		Percent Complete
		Qty.	Unit	Unit Price	Total	Qty.	Amount	Qty.	Amount	Qty.	Amount	
1	Connect to Existing Waterline with SS Tapping sleeve & Tapping Valve	1	LS	6,800.00	6,800.00		0.00	1	6,800.00	1	6,800.00	100%
2	Connect to Existing Waterline with a 90 degree fitting	1	LS	2,816.00	2,816.00		0.00	1	2,816.00	1	2,816.00	100%
3	New 12-inch D.I. Waterline	500	LF	111.00	55,500.00		0.00	512	56,832.00	512	56,832.00	102%
4	New 12-inch D.I.M.J Gate Valve & Box	2	EA	3,210.00	6,420.00		0.00	2	6,420.00	2	6,420.00	100%
5	New Flushing Hyrdant Assembly type 1	1	EA	6,130.00	6,130.00		0.00	1.00	6,130.00	1	6,130.00	100%
6	Creek Crossing, Concrete Encasement	1	LS	16,400.00	16,400.00		0.00	1.00	16,400.00	1	16,400.00	100%
7	Cut & Cap Existing 12-inch D.I. Waterline	1	LS	1,760.00	1,760.00		0.00	1	1,760.00	1	1,760.00	100%
8	Replacement of Existing #-inch valve @ 31-E Booster Station Bypass	1	LS	7,325.00	7,325.00		0.00	1	7,325.00	1	7,325.00	100%
C.O .1	12" Insertion Valve, 12" Gate Valve cut in	1	LS	19,060.00	19,060.00		0.00	1	19,060.00	1	19,060.00	100%
					0.00		0.00		0.00	0	0.00	
<b>Total Base Bid</b>					<b>\$122,211.00</b>		<b>\$0.00</b>		<b>\$123,543.00</b>		<b>\$123,543.00</b>	101%



***Composite Exhibit C***



Neptune Equipment Company  
 11082 Southland Road  
 Cincinnati, OH 45240-3713  
 UNITED STATES  
 (513)-851-8008

PAGE 1

INVOICE DATE 5/13/2019  
 INVOICE NO 140374

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 ALLEN COUNTY WATER DISTRICT  
 330 NEW GALLATIN ROAD  
 SCOTTSVILLE, KENTUCKY 42164

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 ALLEN COUNTY WATER DISTRICT  
 240 BURNLEY ROAD  
 SCOTTSVILLE, KENTUCKY 42164

TOTAL DUE 10,550.00

SLS1	SLS2	DUE DATE	DISC DUE DATE	ORDER NO	ORDER DATE	SHIP NO
BH		6/12/2019	5/13/2019	00018776	4/12/2019	

TERMS DESCRIPTION	CUSTOMER PO NO	SHIP VIA	SHIP DATE
n/30	800	SEFL 5/8/19	5/13/2019

ITEM ID	TX CL	UNITS	ORDERED	SHIPPED	UNIT PRICE	EXTENSION
W5/8X3/4 G ALLEN COUNTY 5/8" X 3/4" T-10 METER DR GAL #38677140-7339 (200) GAL PLASTIC BOTTOM CAP	0	EA	200.0000	200.0000	52.7500	10,550.00

Paid

MAY 21 2019

Allen Co. Water District

Received

MAY 16 2019

Allen Co. Water District

CUSTOMER COPY

Code 334

Chk # 12122

1-1/2% CHARGE PER MONTH ADDED AFTER 30 DAYS!

TAXABLE	NONTAXABLE	FREIGHT	SALES TAX	MISC	TOTAL
0.00	10,550.00	0.00	0.00	0.00	10,550.00
TOTAL DUE					10,550.00



Neptune Equipment Company  
 11082 Southland Road  
 Cincinnati, OH 45240-3713  
 UNITED STATES  
 (513)-851-8008

PAGE 1

INVOICE DATE 8/19/2019  
 INVOICE NO 141068

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 ALLEN COUNTY WATER DISTRICT  
 330 NEW GALLATIN ROAD  
 SCOTTSVILLE, KENTUCKY 42164

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ALLEN COUNTY WATER DISTRICT  
 330 NEW GALLATIN ROAD  
 SCOTTSVILLE, KENTUCKY 42164

TOTAL DUE 10,550.00

SLS1	SLS2	DUE DATE	DISC DUE DATE	ORDER NO	ORDER DATE	SHIP NO
BH		9/18/2019	8/19/2019	00019420	7/23/2019	

TERMS DESCRIPTION	CUSTOMER PO NO	SHIP VIA	SHIP DATE
n/30	809	SEFL 8/15/19	8/19/2019

ITEM ID	TX CL	UNITS	ORDERED	SHIPPED	UNIT PRICE	EXTENSION
W5/8X3/4 G ALLEN COUNTY 5/8" X 3/4" T-10 METER DR GAL #39003429-3628 (200) GAL PLASTIC BOTTOM CAP	0	EA	200.0000	200.0000	52.7500	10,550.00

Code 334  
 CR # 12355

CUSTOMER COPY

Paid  
 SEP 19 2019  
 Allen Co. Water District

1-1/2% CHARGE PER MONTH ADDED AFTER 30 DAYS!

TAXABLE	NONTAXABLE	FREIGHT	SALES TAX	MISC	TOTAL
0.00	10,550.00	0.00	0.00	0.00	10,550.00
TOTAL DUE					10,550.00