



Kenvirons, Inc.

770 Wilkinson Blvd. • Frankfort, KY 40601 • Phone: (502) 695-4357 • Fax: (502) 695-4363
Civil & Environmental Engineering and Laboratory Services

January 18, 2019

RECEIVED

Commonwealth of Kentucky
Public Service Commission
P. O. Box 615
Frankfort, Kentucky 40601

JAN 22 2019

PUBLIC SERVICE
COMMISSION

RE: PSC Case Nos. 2017-00068 and 2018-00235
Whitley County Water District No. 1
Water System Improvements
Whitley County, Kentucky
WX21235434
SAI#KY20150123-0041

Dear Sirs:

The following items are hereby submitted pursuant to the indicated stipulations in the orders referenced above;

Record Drawings (CD-PDF) and Engineer's Certification Letter 2017-00068 Order 8. & 2018-00235 Order 9.

KIA Request for Funds #8 (final) 2017-00068 Order 7. & 2018-00235 Order 8.

If you should have any questions or need additional information, please contact me at 502-695-4357 or KTaylor@Kenvirons.com.

Sincerely,

Ken Taylor, PE
Vice President

C: Whitley County Water District
Tim Schwendeman



Kenvirons, Inc.

770 Wilkinson Blvd. • Frankfort, KY 40601 • Phone: (502) 695-4357 • Fax: (502) 695-4363

Civil & Environmental Engineering and Laboratory Services

January 17, 2019

Mr. Andrew Meadors, Chairman
Whitley County Water District
19 South Highway 25 W
Williamsburg, KY 40769

RE: Water System Improvements-SRF Initial Project
AI#34133, APE2016001 PWSID#1180468-16-001
Change Order #2 – King Mt. Spur Road Waterline Repl. – SRF
AI#34133, APE2018001 PWSID#1180468-18-001

Dear Chairman Meadors:

This letter will serve as our certification that the above referenced contract has been completed in accordance with the approved plans, specifications and requirements. The project was complete and in service by December 4, 2018 so we are recommending that the warranty period commence on that date.

Attached for your use are two full size copies of the record drawings, two reduced paper sets of the record drawings and a copy of the cd being submitted to CVADD, KIA and KDOW.

Should you have any questions, please call.

Sincerely,


Kenneth D. Taylor, P.E.
Vice President

C: Kentucky Division of Water – Water Infrastructure Branch
Tim Schwendeman – CVADD
Akins Excavating Co., Inc.
Joel Murphy, KDOW
Daniel Kulik, KDOW
Debbie C. Landrum, KIA

Chairman
Ms. Pat Bingham
Bell County

Vice Chairman
Judge Executive
Dan Mosley
Harlan County

2nd Vice Chairman
Judge Executive
Shane Gabbard
Jackson County



Secretary
Ms. Maureen "Cookie" Henson
Clay County

Treasurer
Mr. John Ed Pennington
Clay County

Executive Director
Ms. Whitney Chesnut

Cumberland Valley Area Development District
P.O. Box 1740
342 Old Whitley Road
London, KY 40743-1740

January 3, 2019

#8-final
\$102,541.02

Ms. Ashley M. Adams
Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601

Re: Whitley County Water District
Water System Improvement
WX21235434
DWSRF-F15-030

Dear Ashley:

On behalf of the Whitley County Water District, please find enclosed Request for Funds #8(final) for the amount of **\$102,541.02** along with supporting invoices relative to the above-referenced DWSRF loan project.

Also, included is the final adjusting change-order, contractor's certificate and release and the loan recipient certificate of completion.

If you have any questions, comments, or require additional information, please do not hesitate to contact me.

Sincerely,

Timothy M. Schwendeman
Assistant Director for Economic Development

Enclosure

cc: Andy Meadors
Ken Taylor

Serving Bell · Clay · Harlan · Jackson · Knox · Laurel · Rockcastle · Whitley Counties
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**EXHIBIT B
REQUEST FOR PAYMENT AND PROJECT STATUS REPORT**

Borrower: Whitley County Water District

WX/SX Number: WX21235434 **KIA Loan #** F15-030
Draw Number 8 **Date:** 1/2/19

The above identified Governmental Agency has entered into an Assistance Agreement with the Kentucky Infrastructure Authority (the "Authority") for the acquisition and construction of facilities described in the Assistance Agreement as the "Project."

Pursuant to the Assistance Agreement, we hereby certify that we have incurred the following expenses in connection with the Project and that the Authority's funding share of these expenses is in the amount so denoted in this request. Documentation supporting the expenses incurred and identified per this request are attached.

Funds Requested: \$ 102,541.02

Line Item	Cost	Project Budget and Expenses			
		Expenses This Request	Expenses to Date	Project Budget	Balance
1	Administrative	10,000.00	25,000.00	25,000.00	0.00
2	Legal	1,310.26	9,674.26	9,674.26	0.00
3	Land, Appraisals, Easements	-	4,691.01	4,691.01	0.00
4	Relocation Expense	-	-	-	0.00
5	Planning	-	2,930.00	2,930.00	0.00
6	Engineering Fees - Design	5,900.99	60,974.09	60,974.09	0.00
7	Engineering Fees - Construction	4,917.31	15,243.52	15,243.52	0.00
8	Engineering Fees - Inspection	5,179.86	53,522.73	53,522.73	0.00
9	Construction	75,232.60	774,569.17	774,569.17	0.00
10	Equipment	-	20,368.55	20,368.55	0.00
11	Contingency	-	-	2,730.06	2,730.06
12	Other	-	-	-	0.00
Total		102,541.02	966,973.33	969,703.39	2,730.06

If expenses to date exceed project budget a revised budget must be submitted to and approved by the Authority before funds will be released.

Funding Agency	Project Funding			Project Budget	Balance
	Expenses This Request	Expenses to Date			
1 DWSRF F15-030 original loan \$9:	102,541.02	966,973.33		969,703.39	2,730.06
2	-	-	-	-	0.00
3	-	-	-	-	0.00
4	-	-	-	-	0.00
5	-	-	-	-	0.00
6	-	-	-	-	0.00
7	-	-	-	-	0.00
8	-	-	-	-	0.00
9	-	-	-	-	0.00
10	-	-	-	-	0.00
11	-	-	-	-	0.00
12	-	-	-	-	0.00
Total	102,541.02	966,973.33		969,703.39	2,730.06

We certify that the expenses in this draw request were incurred pursuant to local procurement polices which conform to KRS 45A.

If no funds for the above request were paid to a MBE/WBE subcontractor, please check the box:

Borrower Signature:

* *Andy [Signature]*

Project Administrator:

[Signature]

PROJECT BUDGET

Whitley County Water District

WX/SX Number:

WX21235434

KIA Loan #

F15-030

Line Item	Project Cost	<u>Total</u>
1	Administrative	25,000.00
2	Legal	9,674.26
3	Land, Appraisals, Easements, Rights of Way	4,691.01
4	Relocation Expense	
5	Planning	2,930.00
6	Engineering Fees - Design	60,974.09
7	Engineering Fees - Construction	15,243.52
8	Engineering Fees - Inspection	53,522.73
9	Construction	774,569.17
10	Equipment	20,368.55
11	Contingency	2,730.06
12	Other	
	Total Project Cost	<u>969,703.39</u>
	Funding Sources	
1	DWSRF F15-030 original loan \$932,500	969,703.39
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
	Total Funding Cost	<u>969,703.39</u>

Enter Dates:

Preliminary	
As Bid	1/12/2017
Revised	1/2/2019

Line Item	Draw #	Vendor	Amount
	2	1 John N. Hughes-psc legal	5,500.00
	3	1 WCWD-reimb.(adv/KNLT/arch survey)	4,691.01
	5	1 Kenvirons-environmental/RoW	2,930.00
	6	1 Kenvirons-design	45,763.87
	7	1 Kenvirons-cm	1,979.57
	8	1 Kenvirons-ri	9,267.52
	9	1 Akins Excavating	127,395.00
	2	2 Butcher Law Office-legal services	2,864.00
	7	2 Kenvirons-cm	2,264.46
	8	2 Kenvirons-ri	10,601.20
	9	2 Akins Excavating	145,737.08
	1	3 CVADD-admin#1	15,000.00
	6	3 Kenvirons-design	3,744.50
	7	3 Kenvirons-cm	1,625.50
	8	3 Kenvirons-ri	7,609.88
	9	3 Akins Excavating	104,662.79
	7	4 Kencirons-cm	609.88
	8	4 Kenvirons-ri	2,855.21
	9	4 Akins Excavating	39,229.30
	7	5 Kenvirons-cm	955.20
	8	5 Kenvirons-ri	4,471.84
	9	5 Akins Excavating	61,506.61
	7	6 Kenvirons-cm	1,848.21
	8	6 Kenvirons-ri	8,652.53
	9	6 Akins Excavating	118,940.63
10	6	6 WCWD-reimb-United Systems-meters	20,368.55
	6	7 Kenvirons-design	5,564.73
	7	7 Kenvirons-cm	1,043.39
	8	7 Kenvirons-ri	4,884.69
	9	7 Akins Excavating	101,865.16
	1	8 CVADD admin	10,000.00
	2	8 Butcher Law Office-legal services	1,310.26
	6	8 Kenvirons-design	5,900.99
	7	8 Kenvirons-cm	4,917.31
	8	8 Kenvirons-ri	5,179.86
	9	8 Akins Excavating	75,232.60

Funding Sources	Budget	Total	Balance	Draw 1	Draw 2	Draw 3	Draw 4	Draw 5	Draw 6	Draw 7	Draw 8
1 DWSRF F15-030 original loan \$932,500	969,703.39	966,973.33	2,730.06	197,526.97	161,466.74	132,642.67	42,694.39	66,933.65	149,809.92	113,357.97	102,541.02
2	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
Total	969,703.39	966,973.33	2,730.06	197,526.97	161,466.74	132,642.67	42,694.39	66,933.65	149,809.92	113,357.97	102,541.02

Current Draw #	8
Expenses	\$ 102,541.02
Funding	\$ 102,541.02
Balance	\$ -

KIA STATE REVOLVING FUND

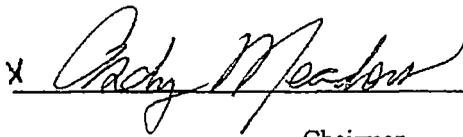
DBE UTILIZATION

Contract No./Name: Whitley County Water District
Project Name: Water System Improvements Project No: F15-030
Reporting Period: July 1, 2018-December 30, 2018
MBE/WBE Contractor Name: _____

Attach Invoices

	<u>Minority Owned Business (MBE)</u>	<u>Women's Owned Business (WBE)</u>
<u>Construction</u>		
Total dollar amount of subcontract:	\$ -	\$ -
Total dollar amount for this reporting period:	\$ -	\$ -
<u>Materials/Supplies</u>		
Total dollar amount of subcontract:	\$ -	\$ -
Total dollar amount for this reporting period:	\$ -	\$ -
<u>Equipment</u>		
Total dollar amount of subcontract:	\$ -	\$ -
Total dollar amount for this reporting period:	\$ -	\$ -
<u>Services</u>		
Total dollar amount of subcontract:	\$ -	\$ -
Total dollar amount for this reporting period:	\$ -	\$ -

If no money was paid to MBE/WBE subcontractor, please check box on Exhibit B Form

Signed: x 
Title: Chairman
Phone: 606-549-3600
Email: sandysmith.wc wd@yahoo.com

REQUISITION CERTIFICATE NO. 8

Re: Whitley County Water District, Water System Improvements Project

The undersigned hereby certify as follows:

1. That they are the signatories required for construction and/or administrative draws pursuant to the Resolutions adopted by the Whitley County Water District (the "District") of Whitley County, Kentucky.

2. That the following named firms and/or persons are now entitled to the aggregate sum of **\$102,541.02** itemized as set forth below and as per approved invoices attached hereto:

	LOCAL	DWSRF KIA LOAN	TOTAL
Akins Excavating		75,232.60	75,232.60
Kenvirons, Inc. ⁽¹⁾		15,998.16	15,998.16
Cumberland Valley ADD		10,000.00	10,000.00
Whitley Co. Water District (United Systems)		0.00	0.00
Butcher Law Offices, PLLC		1,310.26	1,310.26
John N. Hughes, Attorney at Law		0.00	0.00
Totals		102,541.02	102,541.02

⁽¹⁾ Kenvirons Breakdown

Engineering – Design	\$ 5,900.99
Engineering – Const. Mgmt.	\$ 4,917.31
Inspection	\$ 5,179.86
Environmental/ R-O-W	\$ 0.00
Total	\$ 15,998.16

3. That upon said amount being obtained by said District from the proceeds of the KIA-SRF loan and/or other sources, the undersigned approve such expenditure and the payment of said amounts to said firms and/or persons, either directly or from amounts on deposit in the "WCWD Water System Improvements Project" at Community Trust Bank, Williamsburg, Kentucky.

4. That we hereby certify that we have carefully inspected the work and, as a result of our inspection and to the best of our knowledge and belief, the amounts shown in this Requisition Certificate are correct and the work has been performed in accordance with the agreements between the District and the parties requesting payment.

IN TESTIMONY WHEREOF, witness the signature of the undersigned, this 2nd day of January 2019.

KENVIRONS, INC.

By *Ken Taylor PE*
Registered Professional Engineer
State of Kentucky No. 11680

WHITLEY COUNTY WATER DISTRICT

Andy Meardon
Chair

Approved on Jan. 2, 2019

	LOCAL	DWSRF KIA LOAN	TOTAL
ORIGINAL AMOUNT	5,000.00	969,704.00	974,704.00
AMOUNT EXPENDED HERETOFORE	0.00	864,432.31	864,432.31
AMOUNT APPROVED HEREIN	0.00	102,541.02	102,541.02
TOTAL	0.00	966,973.33	966,973.33
REMAINING BALANCE	5,000.00	2,730.67	7,730.67

CUMBERLAND VALLEY AREA DEVELOPMENT DISTRICT
P.O. BOX 1740
LONDON, KY 40743-1740

Phone (606) 864-7391

Fax (606) 878-7361

INVOICE

Date: December 20, 2018

Terms:

Invoice No. 2

Billing Address:

BILLING #:

Whitley County Water District
19 South Hwy 25W
Williamsburg, Kentucky 40769

Description of work

For Administration Services related to the Whitley County Water District's "Water System Improvements Project. (KIA# WX21235434)-KIA-DWSRF Loan #F15-030.

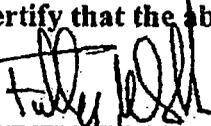
Amount of Contract: \$ 25,000.00

Amount Previously Paid:\$ 15,000.00

TOTAL AMOUNT DUE THIS INVOICE:\$ 10,000.00

BALANCE OF CONTRACT.....\$ -0-

I certify that the above bill is correct and that payment has not been received.



Timothy M. Schwendeman

Please make Check payable to the Cumberland Valley Area Development District and mail to the above address. If you have any questions concerning this invoice, you may contact Mr. Tim Schwendeman at the above number.

THANK YOU!

INVOICE
January 2, 2019

Fees for Legal Services
Local Counsel
Whitley County Water District
Water System Improvements Project

Basic Legal Fee:

\$3,000. + 1/4% of amount over \$500,000 =
\$3,000+ 0.0025 (\$969,704 - \$500,000) =
\$1,174.00

Additional Legal Fee: Based on 1 easement

1 easement @ \$8.00 per easement
\$8.00

Total Local Counsel Fee: \$4,174.26

Paid at award: \$2,864.00

Legal Fee due @ Completion: \$1,310.26

Current Invoice Total: \$ 1,310.26

Respectfully Submitted

Jane R. Butcher
Attorney-at-Law
209 Main Street
Williamsburg, KY 40769



Kenvirons, Inc.

770 Wilkinson Blvd. • Frankfort, KY 40601 • Phone: (502) 695-4357 • Fax: (502) 695-4363
 Civil & Environmental Engineering and Laboratory Services

January 2, 2019

Whitley County Water District
 19 South Highway 25W
 Williamsburg, Kentucky 40769

RE: Water System Improvements Project
 Project No. 2015010 – Invoice No. 20190001
 FINAL

- INVOICE -

	<u>Construction Awarded</u>	<u>Construction Complete</u>	<u>% Complete</u>
	\$611,480.00	\$774,569.17	126.67%
Engineering Design: $\$774,569.17 \times 0.0984 = \$76,217.61$			
Final Design Phase (50%): $\$76,217.61 \times 0.50$			\$ 38,108.81
Upon Bidding (30%): $\$76,217.61 \times 0.30$			22,865.28
Construction Management: (15%): $\$76,217.61 \times 0.15$			11,432.64
Upon Completion (5%): $\$76,217.61 \times 0.05$			<u>3,810.88</u>
			\$ 76,217.61
 Construction Inspection			
Fee: $\$774,569.17 \times 0.0691$			53,522.73
 Environmental & R-O-W Assistance			
Principal: 10.0 hrs. @ \$155.00/hr			1,550.00
Technician IV: 20.0 hrs. @ \$69.00/hr			<u>1,380.00</u>
			\$ 2,930.00
 Total Invoice			\$ 132,670.34
Less Previous Invoices			<u>116,672.18</u>
 DUE THIS INVOICE			\$ 15,998.16

Respectfully Submitted,

KENVIRONS, INC.


 Kenneth D. Taylor, P.E.
 Vice President

Project: SRF Water System Improvements
 Project No : 2015010
 Contract: Water System Improvements
 Estimate No : 8 - Final
 For Period: Nov. 1, 2017 thru Dec. 01, 2018

Owner: Whitley County Water District
 Contractor: Akins Excavating Inc.

Completion Date: August 21, 2017
 Percent Complete: 109.50%

Contractor Meeting Schedule: Yes

CONTRACT ESTIMATE						PAY QUANTITIES			
Bid Item Number	Item	Unit	Unit Price	Quantity	Item Total	Previous Estimate	Current Estimate	Total To Date	Installed Value To Date
1	4" PVC SDR 21 Pipe	LF	\$9.00	3,700	\$33,300.00	3,497.0	0.0	3,497.0	31,473.00
2	3" PVC SDR 17 Pipe	LF	7.85	5,120	\$40,192.00	7,017.0	0.0	7,017.0	55,083.45
3	3" PVC SDR 21 Pipe	LF	7.85	31,080	\$243,978.00	28,538.0	0.0	28,538.0	224,023.30
4	Bored Encasement for 4" & 3" Pipe	LF	90.00	230	\$20,700.00	60.0	0.0	60.0	5,400.00
5	Open Cut Encasement for 4" & 3" Pipe	LF	40.00	100	\$4,000.00	62.0	0.0	62.0	2,480.00
6	4" & 3" Creek Crossing	LF	30.00	40	\$1,200.00	0.0	0.0	0.0	0.00
7	4" & 3" Directional Bore Creek Crossing	EA	3,000.00	2	\$6,000.00	3.0	0.0	3.0	9,000.00
8	8" x 3" Tapping Sleeve & Valve	EA	2,775.00	1	\$2,775.00	2.0	0.0	2.0	5,550.00
9	4" x 3" Tapping Sleeve & Valve	EA	2,300.00	1	\$2,300.00	1.0	0.0	1.0	2,300.00
10	6" x 3" Tie-In	EA	2,000.00	2	\$4,000.00	0.0	0.0	0.0	0.00
11	4" x 4" Tie-In	EA	2,325.00	1	\$2,325.00	1.0	0.0	1.0	2,325.00
12	4" x 2" Tie-In	EA	1,400.00	1	\$1,400.00	1.0	0.0	1.0	1,400.00
13	3" x 3" Tie-In	EA	1,100.00	1	\$1,100.00	5.0	0.0	5.0	5,500.00
14	3" Tie-In to Master Meter	EA	1,800.00	3	\$5,400.00	2.0	0.0	2.0	3,600.00
Quantities continued on following sheet(s)					Subtotal	\$368,670.00			\$348,134.75

SUMMARY OF ALL ESTIMATES

Est No. 1	\$127,395.00	Est No. 3	\$104,662.79	Est No. 5	\$61,506.61	Est No. 7	\$101,865.16
Est No. 2	\$145,737.08	Est No. 4	\$39,229.30	Est No. 6	\$118,940.63	Est No. 8	\$75,232.60

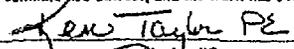
CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that -- to the best of their knowledge, information and belief -- the work covered by this payment estimate has been completed in accordance with the contract documents; that all amounts have been paid by the contractor for work covered by previously issued payment estimates, for which payments have been received from the owner, and that the current payment amount shown herein is now due

Akins Excavating, Inc.  Date: 12/20/18
 Tim Akins, President

APPROVED BY KENVIRONS, INC.

The undersigned certifies that the work has been carefully inspected and, to the best of my knowledge and belief, the quantities shown in this estimate are correct, and the work has been performed in accordance with the contract documents.

ENGINEER:  Date: 12/20/18
 Ken Taylor, PE

APPROVED BY OWNER:  Date: 12/20/18
 Andy Meadows, Chairman

--- SUMMARY ---

Work Completed to Date	\$774,569.17
Stored Materials (from Listing on Page 3)	\$0.00
Retainage (5%)	\$0.00
Total Due to Contractor to Date	\$774,569.17
Less Previous Pay Estimates	\$699,336.57
Amount Due from This Estimate	\$75,232.60

Project: SRF Water System Improvements
 Project No.: 2015010
 Contract: Water System Improvements
 Estimate No.: 8 - Final
 For Period: Nov. 1, 2017 thru Dec. 04, 2018

Owner: Whitley County Water District
 Contractor: Akins Excavating Inc.

Completion Date: August 21, 2017
 Percent Complete: 109.50%

Contractor Meeting Schedule: Yes

CONTRACT ESTIMATE (Continued)						PAY QUANTITIES			
Item No.	Item	Unit	Unit Price	Bid /Change Order Quantity	Item Total	Previous Estimate	Current Estimate	Total To Date	Installed Value To Date
15	3" Tie-In to PRV Setting	EA	995.00	2	\$1,990.00	3.0	0.0	3.0	2,985.00
16	4" Gate Valve	EA	1,000.00	1	\$1,000.00	1.0	0.0	1.0	1,000.00
17	3" Gate Valve	EA	885.00	29	\$25,085.00	40.0	0.0	40.0	34,600.00
18	Leak Detection Meter	EA	1,025.00	9	\$9,225.00	6.0	0.0	6.0	6,150.00
19	3" Blow Off Assembly	EA	1,275.00	20	\$25,500.00	19.0	0.0	19.0	24,225.00
20	Reconnect Meter Service	EA	230.00	153	\$35,190.00	100.0	0.0	100.0	23,000.00
21	Relocate Meter Service	EA	285.00	5	\$1,425.00	28.0	0.0	28.0	7,980.00
22	Service Tubing	LF	8.00	8,990	\$41,940.00	16,238.0	0.0	16,238.0	97,428.00
23	Air Release Valve	EA	1,700.00	1	\$1,700.00	0.0	0.0	0.0	0.00
24	Pavement Replacement - Light Duty	LF	30.00	500	\$15,000.00	864.0	0.0	864.0	25,920.00
25	Free Bore (All Sizes)	LF	30.00	200	\$6,000.00	232.0	0.0	232.0	6,960.00
26	Gravel	TN	5.00	4,000	\$20,000.00	0.0	0.0	0.0	0.00
27	2" Master Meter Vault	LS	10,000.00	1	\$10,000.00	1.0	0.0	1.0	10,000.00
0	Change Order No. 1				\$0.00	0.0	0.0	0.0	0.00
28	Replacement Meter Setting	EA	882.57	75	\$66,192.75	126.0	0.0	126.0	111,203.82
0	Change Order No. 2 King Mt. Spur Road				\$0.00	0.0	0.0	0.0	0.00
2	3" PVC SDR 17 Pipe	LF	7.85	3,500	\$27,475.00	0.0	3,369.0	3,369.0	26,446.65
5	Open Cut Encasement for 4" & 3" Pipe	LF	40.00	20	\$800.00	0.0	0.0	0.0	0.00
8	8" x 3" Tapping Sleeve & Valve	EA	2,775.00	1	\$2,775.00	0.0	0.0	0.0	0.00
12	4" x 2" Tie-In	EA	1,400.00	1	\$1,400.00	0.0	1.0	1.0	1,400.00
17	3" Gate Valve	EA	865.00	3	\$2,595.00	0.0	1.0	1.0	865.00
19	3" Blow Off Assembly	EA	1,275.00	3	\$3,825.00	0.0	3.0	3.0	3,825.00
20	Reconnect Meter Service	EA	230.00	5	\$1,150.00	0.0	0.0	0.0	0.00
22	Service Tubing	LF	6.00	3,400	\$20,400.00	0.0	1,827.0	1,827.0	10,962.00
25	Free Bore (All Sizes)	LF	30.00	100	\$3,000.00	0.0	248.0	248.0	7,440.00
28	Replacement Meter Setting	EA	882.57	17	\$15,003.69	0.0	25.0	25.0	22,064.25
	Change Order No. 3								
29	2" PE	LF	7.85	87	\$682.95	0.0	87.0	87.0	682.95
30	2" Gate Valve	EA	865.00	1	\$865.00	0.0	1.0	1.0	865.00
31	2" SDR-21 PVC	LF	7.85	55	\$431.75	0.0	55.0	55.0	431.75
TOTALS					\$707,341.44				\$774,569.17

Project: 2015 Water System Improvements

Drawn: Mike Scales, Improvements

Rev. Project: Nov. 1, 2017 Update 04, 2018

Date: Dec. 20, 2018

City of
Water Control Board District
Alton, Illinois

Item No.	Description	Quantity	Unit	Price	Total	Material	Installation	Subcontract	Contingency	Notes
1	1" PVC 20' Pipe	1	ft	1.00	1.00					
2	1" PVC 20' Pipe	1	ft	1.00	1.00					
3	1" PVC 20' Pipe	1	ft	1.00	1.00					
4	1" PVC 20' Pipe	1	ft	1.00	1.00					
5	1" PVC 20' Pipe	1	ft	1.00	1.00					
6	1" PVC 20' Pipe	1	ft	1.00	1.00					
7	1" PVC 20' Pipe	1	ft	1.00	1.00					
8	1" PVC 20' Pipe	1	ft	1.00	1.00					
9	1" PVC 20' Pipe	1	ft	1.00	1.00					
10	1" PVC 20' Pipe	1	ft	1.00	1.00					
11	1" PVC 20' Pipe	1	ft	1.00	1.00					
12	1" PVC 20' Pipe	1	ft	1.00	1.00					
13	1" PVC 20' Pipe	1	ft	1.00	1.00					
14	1" PVC 20' Pipe	1	ft	1.00	1.00					
15	1" PVC 20' Pipe	1	ft	1.00	1.00					
16	1" PVC 20' Pipe	1	ft	1.00	1.00					
17	1" PVC 20' Pipe	1	ft	1.00	1.00					
18	1" PVC 20' Pipe	1	ft	1.00	1.00					
19	1" PVC 20' Pipe	1	ft	1.00	1.00					
20	1" PVC 20' Pipe	1	ft	1.00	1.00					
21	1" PVC 20' Pipe	1	ft	1.00	1.00					
22	1" PVC 20' Pipe	1	ft	1.00	1.00					
23	1" PVC 20' Pipe	1	ft	1.00	1.00					
24	1" PVC 20' Pipe	1	ft	1.00	1.00					
25	1" PVC 20' Pipe	1	ft	1.00	1.00					
26	1" PVC 20' Pipe	1	ft	1.00	1.00					
27	1" PVC 20' Pipe	1	ft	1.00	1.00					
28	1" PVC 20' Pipe	1	ft	1.00	1.00					
29	1" PVC 20' Pipe	1	ft	1.00	1.00					
30	1" PVC 20' Pipe	1	ft	1.00	1.00					
31	1" PVC 20' Pipe	1	ft	1.00	1.00					
32	1" PVC 20' Pipe	1	ft	1.00	1.00					
33	1" PVC 20' Pipe	1	ft	1.00	1.00					
34	1" PVC 20' Pipe	1	ft	1.00	1.00					
35	1" PVC 20' Pipe	1	ft	1.00	1.00					
36	1" PVC 20' Pipe	1	ft	1.00	1.00					
37	1" PVC 20' Pipe	1	ft	1.00	1.00					
38	1" PVC 20' Pipe	1	ft	1.00	1.00					
39	1" PVC 20' Pipe	1	ft	1.00	1.00					
40	1" PVC 20' Pipe	1	ft	1.00	1.00					
41	1" PVC 20' Pipe	1	ft	1.00	1.00					
42	1" PVC 20' Pipe	1	ft	1.00	1.00					
43	1" PVC 20' Pipe	1	ft	1.00	1.00					
44	1" PVC 20' Pipe	1	ft	1.00	1.00					
45	1" PVC 20' Pipe	1	ft	1.00	1.00					
46	1" PVC 20' Pipe	1	ft	1.00	1.00					
47	1" PVC 20' Pipe	1	ft	1.00	1.00					
48	1" PVC 20' Pipe	1	ft	1.00	1.00					
49	1" PVC 20' Pipe	1	ft	1.00	1.00					
50	1" PVC 20' Pipe	1	ft	1.00	1.00					
51	1" PVC 20' Pipe	1	ft	1.00	1.00					
52	1" PVC 20' Pipe	1	ft	1.00	1.00					
53	1" PVC 20' Pipe	1	ft	1.00	1.00					
54	1" PVC 20' Pipe	1	ft	1.00	1.00					
55	1" PVC 20' Pipe	1	ft	1.00	1.00					
56	1" PVC 20' Pipe	1	ft	1.00	1.00					
57	1" PVC 20' Pipe	1	ft	1.00	1.00					
58	1" PVC 20' Pipe	1	ft	1.00	1.00					
59	1" PVC 20' Pipe	1	ft	1.00	1.00					
60	1" PVC 20' Pipe	1	ft	1.00	1.00					
61	1" PVC 20' Pipe	1	ft	1.00	1.00					
62	1" PVC 20' Pipe	1	ft	1.00	1.00					
63	1" PVC 20' Pipe	1	ft	1.00	1.00					
64	1" PVC 20' Pipe	1	ft	1.00	1.00					
65	1" PVC 20' Pipe	1	ft	1.00	1.00					
66	1" PVC 20' Pipe	1	ft	1.00	1.00					
67	1" PVC 20' Pipe	1	ft	1.00	1.00					
68	1" PVC 20' Pipe	1	ft	1.00	1.00					
69	1" PVC 20' Pipe	1	ft	1.00	1.00					
70	1" PVC 20' Pipe	1	ft	1.00	1.00					
71	1" PVC 20' Pipe	1	ft	1.00	1.00					
72	1" PVC 20' Pipe	1	ft	1.00	1.00					
73	1" PVC 20' Pipe	1	ft	1.00	1.00					
74	1" PVC 20' Pipe	1	ft	1.00	1.00					
75	1" PVC 20' Pipe	1	ft	1.00	1.00					
76	1" PVC 20' Pipe	1	ft	1.00	1.00					
77	1" PVC 20' Pipe	1	ft	1.00	1.00					
78	1" PVC 20' Pipe	1	ft	1.00	1.00					
79	1" PVC 20' Pipe	1	ft	1.00	1.00					
80	1" PVC 20' Pipe	1	ft	1.00	1.00					
81	1" PVC 20' Pipe	1	ft	1.00	1.00					
82	1" PVC 20' Pipe	1	ft	1.00	1.00					
83	1" PVC 20' Pipe	1	ft	1.00	1.00					
84	1" PVC 20' Pipe	1	ft	1.00	1.00					
85	1" PVC 20' Pipe	1	ft	1.00	1.00					
86	1" PVC 20' Pipe	1	ft	1.00	1.00					
87	1" PVC 20' Pipe	1	ft	1.00	1.00					
88	1" PVC 20' Pipe	1	ft	1.00	1.00					
89	1" PVC 20' Pipe	1	ft	1.00	1.00					
90	1" PVC 20' Pipe	1	ft	1.00	1.00					
91	1" PVC 20' Pipe	1	ft	1.00	1.00					
92	1" PVC 20' Pipe	1	ft	1.00	1.00					
93	1" PVC 20' Pipe	1	ft	1.00	1.00					
94	1" PVC 20' Pipe	1	ft	1.00	1.00					
95	1" PVC 20' Pipe	1	ft	1.00	1.00					
96	1" PVC 20' Pipe	1	ft	1.00	1.00					
97	1" PVC 20' Pipe	1	ft	1.00	1.00					
98	1" PVC 20' Pipe	1	ft	1.00	1.00					
99	1" PVC 20' Pipe	1	ft	1.00	1.00					
100	1" PVC 20' Pipe	1	ft	1.00	1.00					

Date of Issuance: January 2, 2019
 Owner: Whitley Co. Water District
 Contractor: Akins Excavating
 Engineer: Kenvirons, Inc.
 Project: Water System Improvements

Effective Date: January 2, 2019
 Owner's Contract No.:
 Contractor's Project No.:
 Engineer's Project No.: 2015010
 Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description: Final adjustment of quantities to installed quantities for original contract and change order nos. 1 & 2 (King Mt. Spur Road). Addition of 2" PVC and PE line and 2" gate valve to replace existing 2".

Attachments: Over/Under To Date Tabulation.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ <u>581,350.00</u>	Original Contract Times: <u>8-21-17</u> Substantial Completion: <u>8-21-17</u> Ready for Final Payment: <u>8-21-17</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : \$ <u>196,660.26</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : Substantial Completion: <u>8-15-18</u> Ready for Final Payment: <u>8-15-18</u> days
Contract Price prior to this Change Order: \$ <u>778,010.26</u>	Contract Times prior to this Change Order: Substantial Completion: <u>8-15-18</u> Ready for Final Payment: <u>8-15-18</u> days or dates
[Increase] [Decrease] of this Change Order: \$ <u>3,441.09</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>12-20-18</u> Ready for Final Payment: <u>12-20-18</u> days or dates
Contract Price incorporating this Change Order: \$ <u>774,569.17</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>12-20-18</u> Ready for Final Payment: <u>12-20-18</u> days or dates

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>Kenn Taylor P.E.</u> Engineer (if required)	By: <u>Andy Meadors</u> Owner (Authorized Signature)	By: <u>[Signature]</u> Contractor (Authorized Signature)
Title: <u>Vice President</u>	Title: <u>Chairman</u>	Title: <u>President</u>
Date: <u>1-2-19</u>	Date: _____	Date: <u>1-02-2019</u>

Approved by Funding Agency (if applicable)

By: _____ Date: _____
 Title: _____

KENVIRONS, INC.
FRANKFORT, KENTUCKY

OVER/UNDER TO DATE

Project: SRF Water System Improvements
Project No: 2015010
Contract: Water System Improvements

Owner: Whitley County Water District
Contractor: Akins Excavating Inc.

Date: Dec. 20, 2018

Item No.	Item	Unit	Unit Price	Bid Quantity	Installed Quantity	Quantity (under)	Amount Increase	Amount Decrease
1	4" PVC SDR 21 Pipe	LF	\$9.00	3,760	3,497.0	(263.0)		
2	3" PVC SDR 17 Pipe	LF	\$7.85	5,120	7,017.0	1,897.0		
3	3" PVC SDR 21 Pipe	LF	\$7.85	31,080	28,538.0	(2,542.0)		
4	Bored Encasement for 4" & 3" Pipe	LF	\$90.00	230	60.0	(170.0)		
5	Open Cut Encasement for 4" & 3" Pipe	LF	\$40.00	100	62.0	(38.0)		
6	4" & 3" Creek Crossing	LF	\$30.00	46	0.0	(46.0)		
7	4" & 3" Directional Bore Creek Crossing	EA	\$3,000.00	2	3.0	1.0		
8	8" x 3" Tapping Sleeve & Valve	EA	\$2,775.00	1	2.0	1.0		
9	4" x 3" Tapping Sleeve & Valve	EA	\$2,369.00	1	1.0	-		
10	6" x 3" Tie-In	EA	\$2,000.00	2	0.0	(2.0)		
11	4" x 4" Tie-In	EA	\$2,325.00	1	1.0	-		
12	4" x 2" Tie-In	EA	\$1,400.00	1	1.0	-		
13	3" x 3" Tie-In	EA	\$1,100.00	1	5.0	4.0		
14	3" Tie-In to Master Meter	EA	\$1,800.00	3	2.0	(1.0)		
15	3" Tie-In to PKV Setting	EA	\$995.00	2	3.0	1.0		
16	4" Gate Valve	EA	\$1,066.00	1	1.0	-		
17	3" Gate Valve	EA	\$865.00	29	40.0	11.0		
18	Leak Detection Meter	EA	\$1,025.00	9	6.0	(3.0)		
19	3" Blow Off Assembly	EA	\$1,275.00	20	19.0	(1.0)		
20	Reconnect Meter Service	EA	\$230.00	153	100.0	(53.0)		
21	Relocate Meter Service	EA	\$285.00	5	28.0	23.0		
22	Service Tubing	LF	\$6.00	6,990	16,238.0	9,248.0		
23	Air Release Valve	EA	\$1,700.00	1	0.0	(1.0)		
24	Pavement Replacement - Light Duty	LF	\$30.00	500	864.0	364.0		
25	Free Bore (All Sizes)	LF	\$30.00	200	232.0	32.0		
26	Gravel	TN	\$5.00	4,000	0.0	(4,000.0)		
27	2" Master Meter Vault	LS	\$10,000.00	1	1.0	-		
0	Change Order No. 1	0	\$0.00	0	0.0	-		
23	Replacement Meter Setting	EA	\$882.57	75	126.0	51.0		
0	Change Order No. 2 King Mt. Spur Road	0	\$0.00	0	0.0	-		
2	3" PVC SDR 17 Pipe	LF	\$7.85	3,500	3,369.0	(131.0)		(1,028.35)
5	Open Cut Encasement for 4" & 3" Pipe	LF	\$40.00	20	0.0	(20.0)		(800.00)
8	8" x 3" Tapping Sleeve & Valve	EA	\$2,775.00	1	0.0	(1.0)		(2,775.00)
12	4" x 2" Tie-In	EA	\$1,400.00	1	1.0	-		-
17	3" Gate Valve	EA	\$865.00	3	1.0	(2.0)		(1,730.00)
19	3" Blow Off Assembly	EA	\$1,275.00	3	3.0	-		-
20	Reconnect Meter Service	EA	\$230.00	5	0.0	(5.0)		(1,150.00)
22	Service Tubing	LF	\$6.00	3,400	1,827.0	(1,573.0)		(9,438.00)
25	Free Bore (All Sizes)	LF	\$30.00	100	248.0	148.0	4,440.00	-
28	Replacement Meter Setting	EA	\$882.57	17	25.0	8.0	7,060.56	-
	Change order 3							
29	2" PE	LF	\$7.85	0	87.0	87.0	682.95	-
30	2" Gate Valve	EA	\$865.00	0	1.0	1.0	865.00	-
31	2" SDR-21 PVC	LF	\$7.85	0	55.0	55.0	431.75	-
					Total		13,480.26	(16,921.35)

Total Contract Increase (Decrease) Amount

(3,441.09)

Base Bid Amount \$581,350.00
Change Order 1 47,567.75
Change Order 2 149,092.51
Change Order 3 (3,441.09)
Total \$774,569.17

CERTIFICATE AND RELEASE

From AKINS EXCAVATING CO., INC.
(Contractor)

To WHITLEY COUNTY WATER DISTRICT
(Owner)

REFERENCE CONTRACT NO. _____ ENTERED INTO THE
(Contractor's Job Number)
17TH DAY OF MARCH, 2017 BETWEEN

THE WHITLEY COUNTY WATER DISTRICT, WILLIAMSBURG, KY AND
(Owner)
AKINS EXCAVATING CO., INC.
(Contractor)

OF Corbin, Kentucky FOR THE WATER SYSTEM IMPROVEMENTS
(City and State) (Name of Project)

PROJECT LOCATED IN WHITLEY COUNTY, KY.
(LOCATION)

KNOW ALL MEN BY THESE PRESENTS:

1. The undersigned hereby certifies that there is due from and payable by the Owner to the Contractor under the contract and duly approved Change Orders and Modifications, the balance of \$ 75,232.60.

2. The undersigned further certifies that in addition to the amount set forth in paragraph 1 there are outstanding and unsettled the following items which he claims are just and due and owing by the Owner to the Contractor:

- (a) None
- (b) _____
- (c) _____
- (d) _____

3. The undersigned further certifies that all work required under this Contract including work required under Change Orders numbered One (1) has been performed in accordance with the terms thereof, and that there are no unpaid claims for materials, supplies or equipment and no claims of laborers or mechanics for unpaid wages arising out of the performance of this Contract, and that the wage rates paid by the Contractor and all sub-contractors were in conformity with the Contract provisions relating to said wage rates.

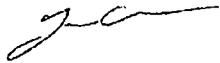
4. Except for the amounts stated under paragraphs 1 and 2 hereof, the undersigned has received from the Owner all sums of money payable to the undersigned under or pursuant to the above mentioned contract or any modification or change thereof.

5. That, in consideration of the payment of the amount stated in paragraph 1 hereof, the undersigned does hereby release from any and all claims arising under or by virtue of this Contract, except the amount listed in paragraph 2 hereof, provided, however, that if for any reason the Owner does not pay in full the amount stated in paragraph 1 hereof, said deduction shall not affect the validity of this release, but the amount so deducted shall be automatically included under paragraph 2 as an amount which the Contractor has not released by will release upon payment thereof. The Contractor further certifies that upon the payment of the amount listed in paragraph 2 hereof, and of any amount which may be deducted from paragraph 1 hereof, he will release the Owner from any and all claims of any nature whatsoever arising out of said contract or modification thereof, and will excuse such further releases or assurances as the Owner may request.

IN WITNESS WHEREOF, THE UNDERSIGNED HAS SIGNED AND SEALED

THIS INSTRUMENT THE 2ND DAY OF JANUARY, 2019.

Akins Excavating Co., Inc.
(Contractor)

BY  Tim Akins

being first duly sworn on oath, deposes and says, first, that he/she is

the President of the above Akins Excavating Co., Inc.
(Title) (Name of Organization)

and, second, that he/she has read the foregoing certificate by him/her subscribed as the

Certificate of Release of Akins Excavating Co., Inc.
(Contractor)

STATE OF KENTUCKY)
) SS
COUNTY OF Whitley)

SUBSCRIBED and SWORN to before me this Second day of January, 2019

By Tim Akins as President

My commission expires 3/15/21

County of Residence Whitley


NOTARY PUBLIC

WHITLEY COUNTY WATER DISTRICT

19 S. Highway 25W
Williamsburg, Kentucky 40769-1601
Phone: (606) 549-3600 • Fax: (606) 549-5795

SANDY SMITH
Office Manager

ALBERT MAHAN
Field Manager

LOAN RECIPIENT'S

CERTIFICATE OF COMPLETION

Per the Assistance Agreement between the Kentucky Infrastructure Authority and (loan recipient) Whitley County Water District that pertains to the project covered by the (Clean Water/Drinking Water) State Revolving Fund loan number (L/DWSRF) F15-030, this certificate signed by the authorized representative of the Governmental Agency confirms that the following activities are complete.

1. The project construction has been completed and I certify that payment* has been made for all labor, services, materials, supplies, machinery and equipment included in the above referenced assistance agreement.
2. All other facilities necessary in connection with the project have been acquired, constructed, equipped and installed and all costs and expenses incurred in connection therewith have been paid.
3. The project and all other facilities in connection therewith have been acquired, constructed, equipped and installed to my satisfaction.



Authorized Representative for Project

JAN. 2, 2019

Date

* With the exception of the final payments to the contractor, engineer, administrator and local counsel which will be paid upon receipt of the funds requested in Draw No. B - Final.

AM 1/2/2019