



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

[General Information](#) | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 1793301

SO Doc Code: CRFQ

Procurement Type: Central Purchase Order

SO Dept: 1400

Vendor ID: VS0000020412

SO Doc ID: AGR2600000016

Legal Name: KC Construction Co

Published Date: 12/31/25

Alias/DBA:

Close Date: 1/14/26

Total Bid: \$17,952,370.00

Close Time: 13:30

Response Date: 01/14/2026

Status: Closed

Response Time: 10:05

Solicitation Description: Brush Creek 15 Dam Rehabilitation-Construction

Responded By User ID: KCconstruction

Total of Header Attachments: 1

First Name: Joel

Total of All Attachments: 1

Last Name: Baker

Email: joelb@kcconstruct.com

Phone: 267-961-0949



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

**State of West Virginia
Solicitation Response**

Proc Folder: 1793301

Solicitation Description: Brush Creek 15 Dam Rehabilitation-Construction

Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2026-01-14 13:30	SR 1400 ESR0114260000003927	1

VENDOR

VS0000020412
KC Construction Co

Solicitation Number: CRFQ 1400 AGR2600000016

Total Bid: 17952370

Response Date: 2026-01-14

Response Time: 10:05:41

Comments:

FOR INFORMATION CONTACT THE BUYER

Larry D McDonnell
304-558-2063
larry.d.mcdonnell@wv.gov

Vendor
Signature X

FEIN#

DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Brush Creek Site 15 Dam Rehab Construction Services				17952370.00

Comm Code	Manufacturer	Specification	Model #
72141203			

Commodity Line Comments:

Extended Description:

Dam Rehabilitation services for Brush Creek 15.

See all attached documentation for further details.

PLEASE READ INSTRUCTIONS IN THEIR ENTIRETY. THE AMOUNT ENTERED ON THIS COMMODITY LINE SHOULD BE THE TOTAL COST FOR SITE 15 - SEE EXHIBIT A PRICING PAGE.



KC CONSTRUCTION CO.

1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

BRUSH CREEK 15 DAM REHABILITATION

*Project No. CRFQ 1400 AGR26*15*

CRFQ SUBMITTAL



WV OASIS

DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION

2019 Washington Street East, Charleston, WV 25305

Larry D McDonnell | Buyer

PH: 304-558-2063 | Email: larry.d.mcdonnell@wv.gov

ENGINEER:

ATERRA
SOLUTIONS

 **Schnabel**
ENGINEERING

Aterra-Schnabel Joint Venture

300 Brookside Avenue, Bldg 18, Suite 160
Ambler, PA 19002



PROPOSAL SUBMITTED BY:

KC CONSTRUCTION CO.

1737 Stout Drive, Ivyland, PA 18974

CRFQ Contact:

Joel Baker

(267) 961-0949

joelb@kcconstruct.com

Due Date: 1/14/2026 @ 1:30pm

LEADERS IN DAM CONSTRUCTION AND REHABILITATION



Brush Creek 15 Dam Rehabilitation

Project No. CRFQ 1400 AGR26-16

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Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Construction

Proc Folder:	1793301			Reason for Modification:	Addendum No. 05
Doc Description:	Brush Creek 15 Dam Rehabilitation-Construction				
Proc Type:	Central Purchase Order				
Date Issued	Solicitation Closes	Solicitation No		Version	
2025-12-31	2026-01-14 13:30	CRFQ 1400	AGR2600000016	6	

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: WV065711

Vendor Name : KC Construction Co. (DBA KC Construction Co. of PA)

Address :

Street : 1737 Stout Drive

City : Ivyland

State : PA

Country : US

Zip : 18974

Principal Contact : Gino Yannuzzelli

Vendor Contact Phone: 484-894-9063

Extension:

FOR INFORMATION CONTACT THE BUYER

Larry D McDonnell
304-558-2063
larry.d.mcdonnell@wv.gov

Vendor
Signature X



FEIN# 23-2261905

DATE 1/14/2026

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum No. 05

To post answers to vendor questions.

To attach the following revised documents:

Site 15 - Exhibit A - Pricing Page

BC15 CS21 Excavation

BC15 CS61 Rock Riprap

BC15 CS95 Geotextile

15-C-16 - Toe Drain Details

To attach the following documents:

Firmette_BC15

BC15 Final Structural Conditions Report

Bid opening date and time still remains 01/14/2026 at 1:30PM EST/EDT

No other changes

INVOICE TO	SHIP TO
AGRICULTURE DEPARTMENT OF ADMINISTRATIVE SERVICES	WEST VIRGINIA CONSERVATION AGENCY
1900 KANAWHA BLVD E CHARLESTON US	WEST VIRGINIA CONSERVATION AGENCY
WV	255 GUS R DOUGLASS LN CHARLESTON US
	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Brush Creek Site 15 Dam Rehab Construction Services				

Comm Code	Manufacturer	Specification	Model #
72141203			

Extended Description:

Dam Rehabilitation services for Brush Creek 15.

See all attached documentation for further details.

PLEASE READ INSTRUCTIONS IN THEIR ENTIRETY. THE AMOUNT ENTERED ON THIS COMMODITY LINE SHOULD BE THE TOTAL COST FOR SITE 15 - SEE EXHIBIT A PRICING PAGE.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Pre-Bid Meeting 10:30AM EST/EDT	2025-11-12
2	Vendor questions due by 2:00PM EST/EDT	2025-12-01

	Document Phase	Document Description	Page 3
AGR2600000016	Final	Brush Creek 15 Dam Rehabilitation-Construction	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Agency _____
REQ.P.O# _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, KC Construction Company of 1737 Stout Drive, Ivyland, PA 18974, as Principal, and Travelers Casualty and Surety Company of America of One Tower Square, Hartford, CT 06183, a corporation organized and existing under the laws of the State of Connecticut with its principal office in the City of Hartford, as Surety, are held and firmly bound unto the State of West Virginia, as Obligee, in the penal sum of Five Percent of Amount Bid (\$ 5%) for the payment of which, well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for Brush Creek Site 15 Dam Rehabilitation-Construction (WV05511), Mercer County, West Virginia, Solicitation No. CRFQ 1400 AGR2600000016, Contract #12SPEC18D0023, Task Order #12SPEC18F0053

NOW THEREFORE,

- (a) If said bid shall be rejected, or
- (b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in full force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

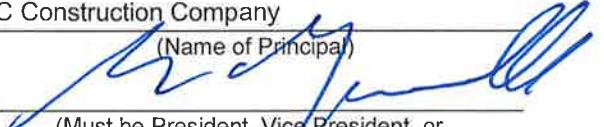
The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby waive notice of any such extension.

WITNESS, the following signatures and seals of Principal and Surety, executed and sealed by a proper officer of Principal and Surety, or by Principal individually if Principal is an individual, this 14th day of January, 2026.

Principal Seal



KC Construction Company
(Name of Principal)

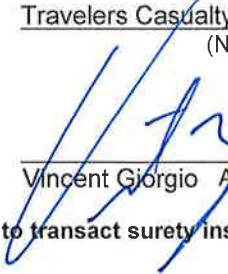
By 
(Must be President, Vice President, or
Duly Authorized Agent)


(Title)

Surety Seal



Travelers Casualty and Surety Company of America
(Name of Surety)


Vincent Giorgio Attorney-in-Fact

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance, must affix its seal, and must attach a power of attorney with its seal affixed.

CONSENT OF SURETY

KNOW ALL MEN BY THESE PRESENTS, that for and in consideration of the sum of \$1.00, lawful money of the United States of America, the receipt whereof is hereby acknowledged, paid the undersigned corporation, and for other valuable consideration, the

Travelers Casualty and Surety Company of America

organized and existing under the laws of the State of Connecticut and licensed to do business in the State of West Virginia certifies and agrees, that if contract for Brush Creek Site 15 Dam Rehabilitation-Construction (WV05511), Mercer County, West Virginia, Solicitation No. CRFQ 1400 AGR2600000016, Contract #12SPEC18D0023, Task Order #12SPEC18F0053

for State of West Virginia

is awarded to KC Construction Company the undersigned Corporation will execute the bond or bonds as required of the contract documents and will become Surety in the full amount set forth in the contract documents for the faithful performance of all obligations of the Contractor.

Signed and Sealed this 14th day of January , 2026 .

Travelers Casualty and Surety Company of America

Vincent Giorgio, Attorney-in-Fact

West Virginia Offices of the Insurance Commissioner



Certificate of Authority

Whereas, **Travelers Casualty and Surety Company of America**, domiciled in the State of **Connecticut**, has complied with all the requirements of the laws of this State so as to entitle it to transact its appropriate business in the State of West Virginia.

Therefore, I the undersigned, Insurance Commissioner of the State of West Virginia, pursuant to the authority vested in me by the laws of this State, do hereby authorize it to transact the business of insurance as defined in Chapter 33

Marine - Article 1, Section 10(d)
Surety - Article 1, Section 10(f)(1)
Accident & Sickness - Article 1, Section 10(b)
Fire - Article 1, Section 10(c)
Casualty - Article 1, Section 10(e)
Surety - Article 1, Section 10(f)(2)
Surety - Article 1, Section 10(f)(3)
Casualty - Article 1, Section 10(e)(14)

of the 1931 Code of West Virginia as amended, in the State of West Virginia in accordance with the laws thereof until midnight on the 31st day of May, 2026, unless this license be sooner revoked. Pursuant to W. Va. Code §33-3-2(c), the above authorization does not allow the insurer to transact a kind of insurance in this State unless duly authorized or qualified to transact such insurance in the state or country of its domicile.

In Testimony Whereof, I have hereunto set my hand and affixed my seal of office at the City of Charleston this 1st day of June, 2025.

Allan L. McVey
Insurance Commissioner

NAIC # 31194
SBS Company # 109403872



Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **VINCENT GIORGIO** of **LANSDALE, Pennsylvania**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and

acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April, 2021**.



State of Connecticut

By:

Robert L. Raney, Senior Vice President

On this the **21st** day of **April, 2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**



Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognition, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognition, contract of indemnity, or writing obligatory in the nature of a bond, recognition, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **14th** day of **January**, **2026**.



Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.

Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06183

FINANCIAL STATEMENT AS OF DECEMBER 31, 2024

CAPITAL STOCK \$ 6,480,000

ASSETS	LIABILITIES & SURPLUS
BONDS	\$ 1,648,831,742
STOCKS	169,492,904
CASH AND INVESTED CASH	69,689,826
OTHER INVESTED ASSETS	9,969,793
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	30,993,966
INVESTMENT INCOME DUE AND ACCRUED	45,630,862
PREMIUM BALANCES	346,017,428
REINSURANCE RECOVERABLE	62,034,928
NET DEFERRED TAX ASSET	78,278,940
UNDISTRIBUTED PAYMENTS	15,607,795
GUARANTY FUNDS RECEIVABLE OR ON DEPOSIT	2,148,727
OTHER ASSETS	1,100,106
	LOSSES
	LOSS ADJUSTMENT EXPENSES
	REINSURANCE PAYABLE ON PAID LOSSES & LOSS ADJ. EXPENSES
	COMMISSIONS
	OTHER EXPENSES
	TAXES, LICENSES AND FEES
	CURRENT FEDERAL AND FOREIGN INCOME TAXES
	UNEARNED PREMIUMS
	ADVANCE PREMIUM
	POLICYHOLDER DIVIDENDS
	CEDED REINSURANCE NET PREMIUMS PAYABLE
	AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS
	REMITTANCES AND ITEMS NOT ALLOCATED
	PROVISION FOR REINSURANCE
	PAYABLE TO PARENTS, SUBSIDIARIES AND AFFILIATES
	PAYABLE FOR SECURITIES LENDING
	ESCHEAT LIABILITY
	OTHER ACCRUED EXPENSES AND LIABILITIES
	TOTAL LIABILITIES
	\$ 3,873,025,985
	CAPITAL STOCK
	PAID IN SURPLUS
	OTHER SURPLUS
	TOTAL SURPLUS TO POLICYHOLDERS
	\$ 6,480,000
	433,803,760
	1,815,349,416
	\$ 2,255,633,176
TOTAL ASSETS	\$ 6,128,659,161
	TOTAL LIABILITIES & SURPLUS
	\$ 6,128,659,161

STATE OF CONNECTICUT)
 COUNTY OF HARTFORD) SS.
 CITY OF HARTFORD)

MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS VICE PRESIDENT - FINANCE, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID COMPANY AS OF THE 31ST DAY OF DECEMBER, 2024.

Michael J. Doody
 VICE PRESIDENT - FINANCE

Susan M. Weissleder
 NOTARY PUBLIC

SUSAN M. WEISSLEDER
 Notary Public
 My Commission Expires November 30, 2027



SOLICITATION NO.: CRFQ AGR26*16

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

Addendum No. 1 Addendum No. 6

Addendum No. 2 Addendum No. 7

Addendum No. 3 Addendum No. 8

Addendum No. 4 Addendum No. 9

Addendum No. 5 Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

KC Construction Co.

Company

Authorized Signature

01/14/2026

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

REQUEST FOR QUOTATION
Construction: Brush Creek 15 Dam Rehabilitation
CRFQ AGR26*16
REVISED AS OF 10/20/2025
VERSION 2 - SUPERSEDES ANY PREVIOUS VERSIONS

EXHIBIT A – Pricing Page

Dam Rehabilitation/Construction – Brush Creek 15

Name of Bidder: KC Construction Co.

Bidders Address: 1737 Stout Drive
Street

Ivyland	PA	18974
City	State	Zip

Telephone: 215-443-5553

Fax Number: 215-443-0354

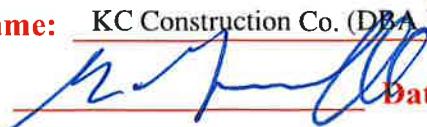
Email: ginoy@kconstruct.com

Contractor's License No: WV065711
(include copy with bid response documents)

***NOTE: IF SUBMITTING AN ELECTRONIC BID THROUGH WVOASIS – VENDOR SELF-SERVICE PORTAL – THE TOTAL COST MUST BE ENTERED ON COMMODITY LINE 1.**

****Failure to use this bid form may result in bid disqualification**

Vendor Name: KC Construction Co. (DBA KC Construction Co. of PA)

Signature:  **Date:** 1/14/2026



CONTRACTOR LICENSE

AUTHORIZED BY THE
**West Virginia Contractor
Licensing Board**

NUMBER: **WV065711**

CLASSIFICATION:

GENERAL ENGINEERING
SPECIALTY

KC CONSTRUCTION CO.
DBA KC CONSTRUCTION CO. OF PA
1737 STOUT DRIVE
IVYLAND, PA 18974

DATE ISSUED

DECEMBER 11, 2025

EXPIRATION DATE

DECEMBER 11, 2026



Authorized Signature



Chair, West Virginia Contractor
Licensing Board



A copy of this license must be readily available for inspection by the Board on every job site where contracting work is being performed. This license number must appear in all advertisements, on all bid submissions, and on all fully executed and binding contracts. This license is non-transferable. This license is being issued under the provisions of West Virginia Code, Chapter 30, Article 42.

Revised BC Site 15 Bid Schedule - 12/30/25

Brush Creek Site 15 Dam Rehabilitation Bid Schedule						
Item	Bid Item Description	Spec. Section	Estimated Quantity	Unit	Unit Price	Total
1	Clearing and Grubbing	CS 2	2.3	AC	\$25,000	\$57,500
2	Structure Removal	CS 3	1	LS	\$100,000	\$100,000
3	Trench Drain Abandonment	CS 3	1	LS	\$100,000	\$100,000
4	Pollution Control	CS 5	1	LS	\$600,000	\$600,000
5	Permanent Seeding and Mulching	CS 6	4.6	AC	\$30,000	\$138,000
6	Construction Surveys	CS 7	1	LS	\$100,000	\$100,000
7	Mobilization and Demobilization	CS 8	1	LS	\$1,600,000	\$1,600,000
8	Excavation Dewatering	CS 11	1	LS	\$3,000,000	\$3,000,000
9	Stream Diversion	CS 11	1	LS	\$500,000	\$500,000
10	Embankment, Common Excavation	CS 21	26,200	CY	\$18.00	\$471,600
11	Auxiliary Spillway, Common Excavation	CS 21	13,800	CY	\$24.00	\$331,200
12	Earthfill	CS 23	34,190	CY	\$28.00	\$957,320
13	Fine Drainfill	CS 24	5,800	CY	\$215.00	\$1,247,000
14	Coarse Drainfill	CS 24	470	CY	\$195.00	\$91,650
15	Topsoil	CS 26	23,300	SY	\$5.00	\$116,500
16	Topsoil Import	CS 26	1,770	CY	\$70.00	\$123,900
17	Cast-in-Place Reinforced Concrete, Impact Basin	CS 31	40	CY	\$3,300	\$132,000
18	Cast-in-Place Reinforced Concrete, PSW Cradle	CS 31	7	CY	\$3,000	\$21,000
19	Cast-in-Place Reinforced Concrete, ASW Starter Wall	CS 31	81	CY	\$2,150	\$174,150
20	Cast-in-Place Reinforced Concrete, ASW Tailwater Weir and Baffle Blocks	CS 31	530	CY	\$1,600	\$848,000
21	Mudmat	CS 31	142	CY	\$1,020	\$144,840
22	Concrete Repair, Principal Spillway Riser	CS 35	790	SF	\$255.00	\$201,450
23	Roller Compacted Concrete	CS 36	4,430	CY	\$450.00	\$1,993,500
24	Furnishing and Handling Cementitious Material for RCC	CS 36	1,110	TN	\$320.00	\$355,200
25	Roller Compacted Concrete Test Section	CS 36	260	CY	\$450.00	\$117,000
26	Principal Spillway Pipe Extension	CS 41	27.3	LF	\$3,850	\$105,105
27	Toe Drain Piping	CS 45	530	LF	\$160.00	\$84,800
28	Precast Seepage Collection Boxes	CS 45	1	LS	\$43,000	\$43,000
29	ASW Drain Piping	CS 45	400	LF	\$225.00	\$90,000
30	Rock Riprap, PSW Outlet and ASW	CS 61	1,480	CY	\$175.00	\$259,000
31	Embankment Upstream Stability Berm	CS 61	13,730	CY	\$100.00	\$1,373,000
32	Rock Foundation Preparation, Embankment	CS 63	215	SY	\$485.00	\$104,275
33	Rock Foundation Preparation, ASW	CS 63	500	SY	\$485.00	\$242,500
34	Installation of New Pond Drain Gate, Gate Stem, and Stem Gu	CS 71	1	LS	\$130,000	\$130,000
35	Removal of Pond Drain Gate	CS 71	1	LS	\$100,000	\$100,000
36	Stainless Steel Metalwork	CS 81	1	LS	\$85,000	\$85,000
37	Principal Spillway Fatigue Platform	CS 81	1	LS	\$15,000	\$15,000
38	Principal Spillway Guardrail	CS 81	1	LS	\$30,000	\$30,000
39	Impact Basin Guardrail	CS 81	1	LS	\$30,000	\$30,000
40	Impact Basin Grating	CS 81	1	LS	\$20,000	\$20,000
41	Principal Spillway Ladder	CS 81	1	LS	\$65,000	\$65,000
42	Staff Gauge, Principal Spillway Riser	CS 93	1	LS	\$15,000	\$15,000
43	Project Monument	CS 93	1	LS	\$25,000	\$25,000
44	Construction Quality Control	CS 94	1	LS	\$1,050,000	\$1,050,000
45	Field Office	CS 96	1	LS	\$400,000	\$400,000
46	Geotechnical Instrumentation	CS 401	1	LS	\$163,880	\$163,880
TOTAL =						\$17,952,370

UNIT DEFINITIONS: LS=Lump Sum, LF=Linear Feet, CY=Cubic Yards, SY = Square Yards, SF = Square Feet, AC = Acre, TN =Ton

REQUEST FOR QUOTATION
Construction: Brush Creek 15 Dam Rehabilitation
CRFQ AGR26*16
REVISED AS OF 10/20/2025
VERSION 2 - SUPERSEDES ANY PREVIOUS VERSIONS

39	Impact Basin Guardrail	CS 81	1	LS		
40	Impact Basin Grating	CS 81	1	LS		
41	Principal Spillway Ladder	CS 81	1	LS		
42	Staff Gauge, Principal Spillway Riser	CS 93	1	LS		
43	Project Monument	CS 93	1	LS		
44	Construction Quality Control	CS 94	1	LS		
45	Field Office	CS 96	1	LS		
46	Geotechnical Instrumentation	CS 401	1	LS		
<hr/>						
Total Overall Cost for Brush Creek Site 15 Dam Rehabilitation = \$						

UNIT DEFINITIONS: LS=Lump Sum, LF=Linear Feet, CF = Cubic Feet, SF=Square Feet, CY=Cubic Yards, SY = Square Yards, EA = Each, MO = Month, TN = Ton, AC = Acre

The Bidder, being familiar with and understanding the Bidding Documents and having examined the site and being familiar with all local conditions affecting the project hereby proposes to furnish all labor, material, equipment, supplies and transportation and to perform all Work in accordance with the Bidding Documents within the time set forth for the sum of:

Total Overall Cost of Brush Creek Site 15 Dam Rehabilitation:

\$

\$17,952,370.00

(Also enter this amount into Commodity Line 1)

Seventeen Million Nine Hundred Fifty-Two Thousand Three Hundred Seventy Dollars and Zero Cents

(Show amount in both words)



01/14/2026

Signature

Date

Printed Name _____ **Gino Yannuzzelli**

Title _____ **Vice President**

Failure to use this bid form may result in bid disqualification.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Gino Yannuzzelli, Vice President

(Address) 1737 Stout Drive, Ivyland, PA 18974

(Phone Number) / (Fax Number) 484-894-9063 | 215-443-0354

(email address) ginoy@kcconstruct.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

KC Construction Co.

(Company) 

(Signature of Authorized Representative)

Gino Yannuzzelli, Vice President 01/14/2026

(Printed Name and Title of Authorized Representative) (Date)

484-894-9063 | 215-443-0354

(Phone Number) (Fax Number)

ginoy@kcconstruct.com

(Email Address)

REQUEST FOR QUOTATION
Construction: Brush Creek 15 Dam Rehabilitation
CRFQ AGR26*16
REVISED AS OF 10/20/2025
VERSION 2 - SUPERSEDES ANY PREVIOUS VERSIONS

In this specification - The Contractor shall provide cameras for real-time remote monitoring of construction activities.

Brush Creek Site 15 Cameras: The specification requirement will be connected to Bid Schedule Sheet Site 15, bid line-item number 45 (Field Office) to provide two (2) trailer mounted cameras at this site.

26. MISCELLANEOUS:

26.1 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager:	Gino Yannuzzelli
Telephone Number:	484-894-9063
Fax Number:	215-443-0354
Email Address:	ginoy@kcconstruct.com

FEDERAL FUNDS ADDENDUM

**REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS
UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):**

The State of West Virginia Department of Administration, Purchasing Division, and the Vendor awarded this Contract intend that this Contract be compliant with the requirements of the Procurement Standards contained in the Uniform Administrative Requirements, Cost Principles, and Audit Requirements found in 2 C.F.R. § 200.317, et seq. for procurements conducted by a Non-Federal Entity. Accordingly, the Parties agree that the following provisions are included in the Contract.

1. MINORITY BUSINESSES, WOMEN'S BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS:

(2 C.F.R. § 200.321)

a. The State confirms that it has taken all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible. Those affirmative steps include:

- (1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists.
- (2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources.
- (3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises.
- (4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises.
- (5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
- (6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (1) through (5) above.

b. Vendor confirms that if it utilizes subcontractors, it will take the same affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

2. DOMESTIC PREFERENCES:

(2 C.F.R. § 200.322)

a. The State confirms that as appropriate and to the extent consistent with law, it has, to the greatest extent practicable under a federal award, provided a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

b. Vendor confirms that it will include the requirements of this Section 2. Domestic Preference in all subawards including all contracts and purchase orders for work or products under this award.

c. Definitions: For purposes of this section:

- (1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- (2) "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

3. BREACH OF CONTRACT REMEDIES AND PENALTIES:

(2 C.F.R. § 200.327 and Appendix II)

(a) The provisions of West Virginia Code of State Rules§ 148-1-5 provide for breach of contract remedies, and penalties. A copy of that rule is attached hereto as part of Exhibit A #1 and expressly incorporated herein by reference.

4. TERMINATION FOR CAUSE AND CONVENIENCE:

(2 C.F.R. § 200.327 and Appendix II)

(a) The provisions of West Virginia Code of State Rules§ 148-1-5 govern Contract termination. A copy of that rule is attached hereto as part of Exhibit A #1 and expressly incorporated herein by reference.

5. EQUAL EMPLOYMENT OPPORTUNITY:

(2 C.F.R. § 200.327 and Appendix II)

Except as otherwise provided under 41 CFR Part 60, and if this contract meets the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3, this contract includes the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

6. ANTI-KICKBACK ACT:

(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that it will comply with the Copeland Anti-Kickback Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). Accordingly, Vendor, Subcontractors, and anyone performing under this contract are prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The State must report all suspected or reported violations to the Federal awarding agency.

7. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT:

(2 C.F.R. § 200.327 and Appendix II)

Where applicable, and only for contracts awarded by the State in excess of \$100,000 that involve the employment of mechanics or laborers, Vendor agrees to comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, Vendor is required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week.

The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

8. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT:
(2 C.F.R. § 200.327 and Appendix II)

If the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

9. CLEAN AIR ACT:
(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that if this contract exceeds \$150,000, Vendor is to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

10. DEBARMENT AND SUSPENSION:
(2 C.F.R. § 200.327 and Appendix II)

The State will not award any vendor that is listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

11. BYRD ANTI-LOBBYING AMENDMENT:
(2 C.F.R. § 200.327 and Appendix 11)

Vendors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

12. PROCUREMENT OF RECOVERED MATERIALS:
(2 C.F.R. § 200.327 and Appendix II; 2 C.F.R. § 200.323)

Vendor agrees that it and the State must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

13. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT: (2 C.F.R. § 200.327 and Appendix II; 2 CFR § 200.216)

Vendor and State agree that both are prohibited from obligating or expending funds under this Contract to:

- (1) Procure or obtain.
- (2) Extend or renew a contract to procure or obtain.
- (3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
 - (i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
 - (ii) Telecommunications or video surveillance services provided by such entities or using such equipment.
 - (iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to the government of a covered foreign country.

In implementing the prohibition under Public Law 115-232, section 889, subsection (f), paragraph (1), heads of executive agencies administering loan, grant, or subsidy programs shall prioritize available funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that communications service to users and customers is sustained.

State of West Virginia Purchasing Division:

By: _____

Printed Name: _____

Title: _____

Date: _____

Vendor Name: _____

KC Construction Co

By: _____

Printed Name: _____

Gino Yannuzzelli

Title: _____

Vice President

Date: _____

01/14/2026



State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5

I, Gino Yannuzzelli, after being first duly sworn, depose and state as follows:

1. I am an employee of KC Construction Co.; and,
(Company Name)
2. I do hereby attest that KC Construction Co.
(Company Name)

maintains a written plan for a drug-free workplace policy and that such plan and policy are in compliance with **West Virginia Code §21-1D**.

The above statements are sworn to under the penalty of perjury.

Printed Name: Gino Yannuzzelli

Signature: 

Title: Vice President

Company Name: KC Construction Co.

Date: 01/14/2026

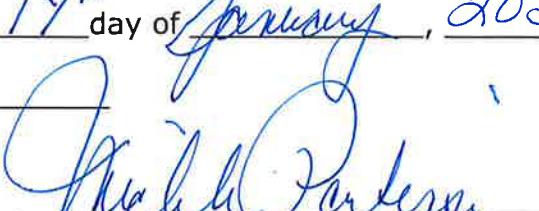
STATE OF Pennsylvania,

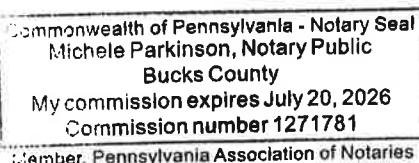
COUNTY OF Bucks County, TO-WIT:

Taken, subscribed and sworn to before me this 17th day of January, 2026.

By Commission expires 7/20/2026

(Seal)


 (Notary Public)



Subcontractor List Submission (Construction Contracts Only)

Bidder's Name: KC Construction Co.

Check this box if no subcontractors will perform more than \$25,000.00 of work to complete the project.

Subcontractor Name	License Number if Required by W. Va. Code § 21-11-1 et. seq.
Keller North America Inc.	WV027337
ECS Mid-Atlantic LLC	WV064984

Attach additional pages if necessary

BRUSH CREEK 15 DAM REHABILITATION

PROJECT NO. CRFQ 1400 AGR26-16

KC Construction Co. – Company Overview

KC Construction Co., incorporated in 1983 as a family-owned general contractor, has consistently delivered technically complex heavy civil infrastructure projects across both public and private sectors. With a reputation for reliability and innovation, KC integrates in-house civil and geotechnical engineering expertise to provide tailored solutions that meet demanding project requirements.

Since 2000, KC has specialized in dam rehabilitation and flood protection, assembling a highly skilled team of project managers and tradespeople committed to quality and precision. To date, the company has successfully completed over **60** specialized dam, levee, and flood control projects throughout the region.

KC Construction Co. offers comprehensive capabilities in dam and flood infrastructure, including:

- **Select demolition of dam structures**
- Crest raising
- Slope armoring
- **Blanket and toe drain installation**
- **Control of water installations**
- **Dewatering of foundations**
- **Dam embankment seepage mitigation**
- **Outlet drain and conduit rehabilitation**
- Drop and labyrinth spillway construction with waterstop
- **Rehabilitation and new installation of sluice gates and gate valves including associated stem, stem guides, operators, and operating beams**
- Fusegate installation
- **Roller-compacted concrete (RCC) production and placement**
- Shotcrete application
- **Riprap and articulating concrete block (ACB) armoring**
- Installation of fabricated pedestrian and vehicular bridges at dam spillways
- **Maintenance, protection, and creation of new wetlands**

Our extensive experience is supported by a robust network of trusted suppliers, subcontractors, and consulting partners. KC Construction Co. is uniquely positioned to deliver high-performance solutions for complex dam and flood control projects, ensuring safety, durability, and regulatory compliance.



CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Potomac Dam No. 5 Left Abutment Stabilization Clear Spring, Md Chesapeake & Ohio Canal National Park Hazard: Significant	US Bureau of Reclamation 125 South State Street, Rm 8100 Salt Lake City, UT 484-344-5016 Andrew Taylor ataylor@usbr.gov	Same as owner	\$6,676,320	10/16/2025	75%

Scope of Work: The principal components of work for the Potomac Dam No. 5 Left Abutment Repair includes providing detour of the canal towpath for public access maintenance of pedestrian traffic, providing erosion and sedimentation control, placing cast-in-place concrete, placing fiber reinforced shotcrete furnishing and installing metal fabrications, earthwork for left abutment and guard lock, mechanically stabilizing the existing wall, slush grouting, installing secant piles, furnishing and installing PVC drainpipes, including some portions utilizing trenchless methods, repairing left abutment masonry wall, mule bridge abutment, and dry-laid stone retaining wall and ACB overtopping protection.

Rehabilitation of Stony Garden Dam Lackawanna Co, PA Hazard: Low	Pennsylvania American Water 852 Wesley Drive Mechanicsburg, PA 17055 (717) 576-3462 Steve Davidheiser, PE, Steve.Davidheiser@amwater.com	Schnabel Engineering 3 Dickinson Dr. Suite 200 Chadds Ford, PA (610) 696-6066 Jesse Wullenwaber jwullenwaber@schnabel-eng.com	\$6,097,484	6/30/2025	65%
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Scope of Work: Install and maintain erosion and sediment control measures. Control surface runoff and groundwater. Manage sequence of work to maintain the reservoir at normal pool, but divert reservoir flow through the existing and proposed spillways and install cofferdams to protect dam and work areas. Maintain raw water supply to the downstream water treatment plant by temporary means while cleaning and sliplining the existing raw water lines and installing new water lines and valves at the toe of the dam. Demolish and remove: Existing concrete spillway and walls (after new spillway constructed); Existing valve vault as shown on the Drawings; Existing masonry building walls. Clear and grub wooded areas shown on the Drawings. Excavate the spillway foundation and outlet channel. Construct new cast-in-place concrete box inlet drop spillway. Perform the following embankment work: Strip topsoil and stockpile for later re-use; Excavate embankment slope and remove existing drain; Import fine and coarse aggregate and pipe and install new filter and drain system; Place earth fill and topsoil to reconstruct the flattened downstream embankment slope and crest; Establish permanent turf. Slipline the existing raw water pipes and install new ductile iron pipes, valves, and fittings: Inspect and clean existing 10" and 12" cast iron pipes from the valve vault to the downstream embankment toe; Slipline with solid wall HDPE pipe and grout annulus; Install new valves in the valve vault; Install new valves and fittings at downstream toe. Install new stainless steel skirt on the upstream submerged intake structure and patch masonry walls. Install new well discharge pipe, which consists of ductile iron pipe along the left abutment access road from the toe of the dam to the upstream end of the reservoir and associated outlet diffuser, and place aggregate surface on access road. Place riprap as noted on Drawings. Seed disturbed areas and restore site. Pave new access road to dam crest. Mill and pave or fully replace portions of the access road from the water treatment plant to the dam. Install new chain link fence.



KC CONSTRUCTION CO.

1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Dunmore No. 7 Dam Rehabilitation Lackawanna Co, PA Hazard: High	Pennsylvania American Water 852 Wesley Drive Mechanicsburg, PA 17055 (717) 576-3462 Kurt Staller, PE kurt.staller@amwater.com	Schnabel Engineering 3 Dickinson Dr. Suite 200 Chadds Ford, PA (610) 696-6066 John Harrison, P. jharrison@schnabel-eng.com	\$12,813,596	12/31/2025	60%

Scope of Work: Install and maintain erosion and sediment control devices. Improve/maintain existing access road and construct/maintain new access roads. Construct cofferdams and divert water through the work area. Dewater excavations. Demolish buildings, concrete spillway crest, and concrete apron. Dispose of concrete and masonry within the remnants of screen chamber building. Stockpile large masonry stones. Install post-tensioned anchors. Excavate soil and rock for buttress and spillway apron construction and miscellaneous other activities. Install rock dowels for spillway apron and non-overflow buttress. Construct reinforced concrete spillway crest, apron, and screen chamber. Construct mass concrete buttress. Perform selective demolition of piping and valves. Clean and install cured-in-place lining for blowoff pipes. Install 3 new plug valves and one knife gate. Install 4 slide gates (2 pneumatically operated; 2 manually operated). Install new 24" ductile iron water supply line between dam and pump house. Install 12" blowoff from new screen chamber.

Lake Montrose Dam Rehabilitation Snake Creek Bridgewater Twp, Susquehanna Co, PA Hazard: High	Pennsylvania American Water 852 Wesley Drive Mechanicsburg, PA 17055 (717) 576-3462 Steve DeFriese Stephen.DeFriese@amwater.com	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 E.J. Barben, PE ebarben@gfnet.com	\$2,741,566	12/31/2025	65%
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Scope of Work: Coordination with Owner's water treatment and supply operations (maintain reservoir at full pool during construction). Temporary diversion of water including temporary cofferdam in reservoir. Temporary support of excavation to protect the work areas during construction. Temporary dewatering of excavation. Demolition of the existing principal spillway and other structures including reinforced and non-reinforced concrete and stone masonry. Clearing and grubbing, stripping, excavation and spoil. Preparation of rock foundation subgrades. Foundation grouting. Placement and compaction of fills, riprap and bedding. Mass concrete dam structure with rock anchors. Reinforced concrete, dental concrete and backfill concrete. Low-level outlet ductile iron piping with slide gate. Low-flow release ductile iron piping with butterfly valve. Principal spillway discharge conduit ductile iron piping, precast concrete end wall and slush-grouted riprap outlet channel. Staff gage, grating, trash racks, aluminum and reinforced plastic steps, bollards, handrail, chain-link fence, trees, storm drain extension, roadway asphalt paving and aggregate paving, preparation and implementation of traffic control plan, implementation of erosion and sedimentation controls, finish grading, topsoil and seeding.

Cobbs Creek Irrigation Reservoir & Pump House 7400 Lansdowne Ave, Philadelphia, PA	Cobbs Creek Foundation 300 Conshohocken State Road Conshohocken, PA 19428 484-344-5016 Enrique Hervada enrique.hervada@cobbscreek.org	KS Engineers 35 South 3rd Street Philadelphia, PA 19106 215-925-0425 Richard Burrell	\$2,941,300	7/31/2024	65%
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Scope of Work: Construction of an 2M gallon above ground raw water reservoir and associated pumphouse for a new golf course irrigation system. The reservoir includes an HDPE geomembrane liner system, gravity intake wet well system, underdrain, low level outlet drain and connection to public water supply system. Additional improvements include a paved access drive, miscellaneous site concrete, electrical supply, tree clearing, landscaping and easement restoration, stormwater collection and conveyance piping, bioretention basin, and an infiltration trench.



KC CONSTRUCTION CO.

1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Pipeline Protection Project Emergency Repairs Depues Ferry Road Bangor, PA 18013	Talon Energy 6079 DePues Ferry Road Bangor, PA 18013 610-462-9244 Jamie Kleinle jamie.kleinle@talenenergy.com	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 717-886-5458 Paul Schweiger pschweiger@gfnet.com	\$157,000	12/30/2023	100%

Scope of Work: Install encasement protection on multiple active utility pipelines exposed within streambed due to storm event scour. Construction activities included E&S controls, temporary access to site and ramps into stream, control and diversion of water (cofferdams, bypass pumping, turbidity curtain, filterbags), pipeline encasement (concrete, streambed gravel, riprap, binblocks), embankment armoring R-4 RipRap, and site restoration (seeding and matting).

Shikellamy Fish Passage Susquehanna River Shamokin Dam Borough, Snyder Co, PA	Commonwealth of PA DCNR P.O. Box 8451 Harrisburg, PA 17105 (814) 486-5637 Gair Terrette gterrette@pa.gov	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 (717) 886-5453 Eric Neast, PE eneast@gfnet.com	\$3,361,336	8/24/2023	80%
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Scope of Work: The project generally consists of the construction of a nature-like fishway at the west abutment of the inflatable dam. The fishway consists of a series of pools and riffles created by the placement of R-6 & R-7 riprap and boulders (approx 15,000 Ton). Appurtenant features of the fishway include, but are not limited to, an Articulated Concrete Block (17,000 SF) ford crossing, extension and modification of an existing concrete T-wall which forms the fix crest weir portion of the inflatable dam, rock anchors and maintenance access paths. Installation of improvements required multiple cofferdams and dewatering systems. MBE/WBE Participation: 6%



KC CONSTRUCTION CO.

1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Sheppard-Meyers Dam Rehabilitation Hanover, York County, PA Hazard: High	Borough of Hanover 44 Frederick Street Hanover, PA (717) 637-3877 Eric Mains, Director of Planning & Engineering	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 (717) 886-5475 Craig Snyder csnyder@gfnet.com	\$9,848,323	6/29/2023	60%

Scope of Work: Installation of erosion and sediment controls, flagging/fencing of protected areas, permanent storm drainage bypass, and obtaining permits designated to be obtained by Contractor. Maintaining the reservoir in a drained condition throughout the construction period. Regrading of the upstream reservoir approach channel to the low-level drawdown gate valve at the base of the intake tower. Phased construction and phased diversion of water, including temporary reservoir/stream cofferdams. The temporary reservoir/stream cofferdams must be constructed in accordance with the Contractor's approved design and capable of protecting the dam embankment and foundation and work areas. Clearing and grubbing, stripping, common excavation (30,000 CY), rock excavation/blasting (28,000 CY), dewatering of excavations, foundation preparation, fill (30,000 CY) and spoil (17,000 CY). Demolition and removal of existing concrete structures, masonry structures and other features designated for demolition. New reinforced concrete auxiliary spillway structure (Labyrinth) including subdrains, drilled drains, anchors, grout curtain, wall drains, outlet channel modifications, riprap protection, fencing, ladder and gate. Modifications and repairs to the existing principal spillway intake tower including removal of existing flap valve, removal of existing and installation of new gate valve (30") and slide gates (4 EA - 18") and related appurtenances, installation of new trashracks, instrumentation, and controls, concrete repairs and modifications including morning glory weir crest modifications, grating replacement and operator platform corbel. Modifications and repairs to the existing principal spillway intake tower pedestrian bridge, including new support pier and support beam, painting of substructure beams, and replacement of bridge and operator platform handrails. Modifications and repairs to the existing principal spillway outlet conduit, outlet structure and outlet channel including removal of existing outlet structure and discharge channel, masonry and concrete repairs, masonry reconstruction, new reinforced concrete outlet conduit extension, outlet structure and outlet channel slab. Dam embankment modifications, including installation of a blanket and toe drain system (1,200 LF) to filter, collect and discharge seepage to toe drain pipe outlets, flattening of the downstream embankment slope, widening the embankment crest and restoration of the upstream embankment slope. Construction of abutment berm, parking lot, realigned site access road, and associated storm water management facilities. Electrical improvements including running electric power across the dam crest to the existing streamflow gaging station, installing site lighting and installing two electric, remotely-operated slide gate actuators. New monitoring instrumentation and associated controls, including stream flow gaging equipment, reservoir level transducer, and security camera.

Greystone Dams 182 & 184 Dam Rehabilitation West Chester, Chester County, PA Hazard: Low	RLD Greystone, LLC 124 Cedar Avenue Conshohocken, PA 19428 (215) 778-6158 Ray Grochowski - Managing Consultant	Uzman Engineering 116 East King Street Media, PA 19355 610-320-2100 Jason Culp, PE	\$2,467,305	4/3/2023	75%
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Scope of Work: Two existing masonry dams in poor condition were required to be rehabilitated as part of a large residential development. Both projects required E&S controls, lowering and temporary bypass of base flows, cofferdam installation and demolition of existing structures. New CIP concrete spillways were installed at both locations including upstream and overtopping armoring, drainage systems, new low level outlets (12" gate valves), upstream clay core installation, embankment construction and upstream riprap armoring. Projects were run concurrently increasing the coordination and efficiency of construction as well as a more economical solution for the client.

**CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"**

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Upper Birchwood Lake Dam Repairs Dingmans Ferry, Pike County, PA Hazard: High	Birchwood Lakes Community Association 212 Aspen Road Dingmans Ferry, PA (570)-828-2111 Carrie Ridner, Community Manager	Givler Engineering P.O Box 3341 Easton, PA 18043 (484) 894-1852 Chuck Givler PE	\$1,824,894	11/14/2022	65%

Scope of Work: The Upper dam is an earthfill structure with an inadequate spillway that is failing and a downstream face that is too steep. Additionally, the outlet facility is essentially inoperable and potentially unsafe. The portion of the dam where the work will be performed is approximately 800 feet long; maximum height of the dam is 22 feet. The work includes construction of a large concrete labyrinth spillway including a low-level outlet (sluice gate), regrading of the earth embankment, removal of the outlet pipe, bypassing stream flows and installing two earthen berms to the east of the dam. The new spillway has a footprint of 135 feet long and 63 feet wide; the walls are a maximum of 15 feet high. The control of water plan will require both the Upper and Lower lakes to be drained. Base flows will be passed by installing a cofferdam with (2) diversion pipes and breaching the existing embankment

Rawson Hill Brook Floodwater Retarder Dam Shrewsbury, Worcester Co, Mass. Hazard: Significant	USDA-NRCS 445 West Street Amherst, MA 01002 (413) 253-4500 Deron Davis Deron.Davis@usda.gov	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 (703) 795-9358 Scott Brough sbrough@gfnet.com	\$2,347,931	10/2/2022	70%
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Scope of Work: The major items of work include: clearing and grubbing; structure removal; temporary seeding and mulching; compost filter sock; construction and maintenance of Access Roads; surveys; mobilization and demobilization; dewatering the Construction Site; diverting surface water; sheet piling; excavation, unclassified; compacting structure backfill; earthfill, approved, class A; earthfill, random, class C; fine drainfill; coarse drainfill; salvaging and spreadsheet topsoil; concrete, backfill; concrete, reinforced; roller-compacted concrete (2,700 CY); roller-compacted concrete test section; principal spillway conduit, 30" PCCP pipe; perforated drain pipe, 8" diameter; non-perforated drain pipe, 8" diameter; loose rock riprap; contractor quality control; and precast concrete manholes.

Beaver Creek Dam - Flood Control Dam Rehabilitation East Brandywine Twp, Chester County, PA Hazard: High	USDA 441 S. Salina Street, Rm 250, Suite 354 Syracuse, NY 13202 Laureen Eipp (315) 447-6522 laureen.eipp@usda.gov	NRCS 359 East Park Drive, Suite 2 Harrisburg, PA 17111 (717) 237-2214 Heather Smeltz, PE	\$2,495,733	10/10/2022	75%
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Scope of Work: The Beaver Creek Dam is owned and operated by the Chester County Water Resource Authority. The objectives of this project were to rehabilitate the dam to meet or exceed state and federal dam safety criteria and to maintain the originally planned level of flood protection provided by Beaver Creek Dam. The design requires the armoring the auxiliary spillway exit channel and side slopes with roller compacted concrete (4,500 CY); replacing the principal spillway riser structure; installing access to the existing toe drains through the impact basin headwall; installing riprap wave protection on the upstream face of the dam; and re-grading an area adjacent to the downstream toe and installing a trench drain. Limitations of this project included a nesting pair of bald eagles. The contractor was subject to U.S. Fish and Wildlife Service guidance regarding Threatened and Endangered Species, primarily relating to construction outside of the bald eagle nesting season.



CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Round Valley Reservoir Structure Refurbishment and Resource Preservation Clinton Township, Hunterdon Co. NJ Hazard: High	New Jersey Water Supply Authority 515 North Office Building GC: Thalle Construction Co. (908) 328-4047 Hazard: High	Schnabel Engineering 3 Dickinson Dr. Suite 200 Chadds Ford, PA (610) 696-6066 Greg Paxson, PE	\$5,620,527	7/20/2022	100%

Scope of Work: Project included rehabilitation of 3 major dam embankments around the Round Valley Reservoir. KC was hired by the GC, Thalle Construction, to complete the earthwork and drainage system associated to the North Dam rehabilitation. The existing embankment was stripped and cut down to subgrade (approx. 250,000 CY) following installation of the dewatering system. New drainage system installed consisting of 12" Perforated HDPE pipe (1,700 LF), 20" HDPE collection header (600 LF), oversize Manholes (9 Ea) and other outlet structures, filter sand (60,000 TN) and filter stone (28,000 TN). Embankment was then rebuilt with excavated material (250,000 CY). Moisture control and compaction was a critical component to the success of this rehabilitation.

Levee Repairs Neshaminy Water Treatment Plant Langhorne, Bucks County, PA	Aqua Pennsylvania 762 W. Lancaster Ave Bryn Mawr, PA 1910 610-645-1144 Matthew Marchisello, Dam Safety Engineer	Schnabel Engineering 3 Dickinson Dr. Suite 200 Chadds Ford, PA (610) 696-6066 W. Kortney Brown, PE	\$812,670	6/29/2022	80%
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Scope of Work: Project included emergency repairs to an existing levee situated adjacent to a water treatment plant following a major storm event. Repair scope was developed in coordination with Schnabel Engineering. Work generally included removal and replacement of 3 conduit runs through the existing levee along with their respective headwalls and flap gates. The entire levee cleared of major trees, regraded and new armoring installed as needed. Maintaining security and operations of the treatment facility had a major impact on the sequence and coordination required to complete this project in a timely manner.

Dam Rehabilitation Meadow Grounds Lake Dam Ayr Township, Fulton County, PA Hazard: High	PA Dept. of General Services 515 North Office Building Harrisburg, PA 17125-001 Gerry Woomer (PA Fish & Boat) gwoomer@pa.gov	D'Appolonia 701 Rodi Road, Floor 2 Pittsburgh, PA 15235 (412) 229-1596 Aaron Antell, PE	\$5,172,623	4/19/2021	65%
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Scope of Work: Project comprises modifying the dam and appurtenant structures to meet current dam safety criteria and design standards. Construction activities generally include removal of the existing concrete spillway structure, construction of a cast-in-place concrete replacement spillway and stilling basin, slip-lining the existing cast-in-place principal spillway conduit with pipe, modifications and improvements to the existing control tower, installing a seepage collection and conveyance system, flattening the downstream slope, and raising dam crest approximately 3.6 feet.

Harrisburg International Airport Improve Drainage - Rehabilitate Flood Dike Middletown, Dauphin Co, PA	Susquehanna Area Regional Airport Authority 1 Terminal Drive, Suite 300 Middletown, PA 17057 James Aiello (717) 948-3900 x4609 james.aiello@saraa.org	Urban Engineers, Inc. (Aviation Division) 530 Walnut Street Philadelphia, PA 19106 (215) 922-8080 Eric DeDominicis	\$20,204,583	11/31/2021	90%
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Scope of Work: The HIA drainage improvements generally include removal and disposal of all vegetation on the flood dike; demolition and removal of all existing riprap; regrading and compaction of flood dike embankment, placement of articulated concrete block system (ACBs - 1,132,108 SF) including bedding stone (AASHTO #57 - 45,000 TN); riprap access ways for HIA maintenance equipment; rehabilitation of existing riprap toe (R-5 - 38,000 TN); repaving the maintenance walkway; and other miscellaneous items - erosion control, road maintenance, dust control, traffic control, 24/7 site security. MBE/WBE Participation: 24%

**CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"**

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Dam Rehabilitation Hibernia Dam Coatsville, PA Hazard: High	USDA 441 S. Salina Street, Rm 250, Suite 354 Syracuse, NY 13202 Laureen Eipp (315) 447-6522 laureen.eipp@usda.gov	NRCS 359 East Park Drive, Suite 2 Harrisburg, PA 17111 717-237-2214 Heather Smeltz, PE	\$946,430	10/10/2020	75%
Scope of Work: Work includes the installation of a structural concrete cutoff wall across a portion of the auxiliary spillway, installation of a filtered rock toe berm on the downstream side of the embankment, berm grading on the downstream side of embankment and improvement of existing access.					
Strawberry Fields Dam Dam Repair Howard Co., MD Hazard: Significant	Howard County - Office of Purchasing 6751 Columbia Gateway Drive, Suite 226 Columbia, MD 21046 Brian Cleary (410) 313-6455 bcleary@howardcountymd.gov	Century Engineering - Planners 10710 Gilroy Road Hunt Valley, MD 21031 Ryan Thomas (443) 589-2400	\$3,225,355	6/30/2020	75%
Scope of Work: This project involves repair and maintenance on an existing retention pond and outfall channel for the Stormwater Management Division of the Bureau of Environmental Services, Department of Public Works, Howard County, Maryland. Scope includes: replacing existing CMP spillway with larger RCP spillway (72" RCP – 90 LF); expansion of auxiliary spillway; re-construct principal outfall with riprap armoring; install filter diaphragm and toe drain (280 LF 6" & 4" PVC SCH 80) to control seepage; dredge and re-grade pond basin including export of silt (8000 CY); restore 230 LF of stream to enhance outlet conditions; install clean water diversion pipe to maintain stormwater during construction (1640 LF 36" HDPE DIPS DR 26).					
Rehabilitate Pecks Pond Dam Delaware State Forest Pecks Dam Road, Dingmans Ferry Pike Co, PA Hazard: High	Commonwealth of PA DCNR Bureau of Facility Design & Construction PO Box 8451 Harrisburg, PA 17105 Ed Raptosh (717) 787-5055	O'Brien & Gere Engineers, Inc. 301 E. Germantown Pike, 3rd Floor East Norriton, PA 19401 (215) 628-9100 Bob Bowers	\$2,469,000	5/26/2020	55%
Scope of Work: Pecks Pond Dam rehabilitation and improvements include removal of the existing spillway and installation of a new spillway and low level outlet including (2) 54"x48" slide gates; installation of a new earth and mass concrete embankment section - within the existing spillway; new CIP concrete overtopping protection for existing masonry portion of the dam; leveling and widening of existing earth embankment; removal of existing timber pedestrian bridge and masonry abutments and replacement with a prefabricated steel bowstring truss pedestrian bridge supported by new CIP concrete abutments; masonry repairs; and riprap protection. MBE/WBE Participation: 6%					
Greenbelt Lake Dam Repairs MD Dam No. 8 Prince Georges County, MD Hazard: High	City of Greenbelt, Dept of Finance 25 Crescent Road Greenbelt MD 20770 Terri Hruby (301) 474-0569 thruby@greenbeltdm.gov	Charles P. Johnson & Associates, Inc. 1751 Elton Road Silver Spring, MD 20903 Brian Devila (301) 434-7000 bdavila@cpja.com	\$1,717,000	4/1/2020	65%
Scope of Work: The purpose of this project is to rehabilitate Greenbelt Lake Dam over the course of (1) year as a two phase project. Greenbelt Lake is a 22-acre lake and is designated as a high hazard dam by MDE. The repairs include removing and replacing the concrete spillway flume; installing a new chimney filter and toe drain; replacing and sliplining the lake drain conduit; raising the embankment height, replacing the pedestrian bridge over the spillway; and deep excavation shoring systems. MBE/WBE Participation: 17.5%					



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CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Dam Repairs & Spillway Replacement Minsi Lake Dam Upper Mt Bethel, Northampton Co, PA Hazard: High	PA Dept. of General Services 515 North Office Building Harrisburg, PA 17125-001 Gerry Woomer (PA Fish & Boat) gwoomer@pa.gov	Schnabel Engineering 1380 Wilmington Pike West Chester, PA 19382 Jeremy Young (610) 696-6066 jyoung@schnabel-eng.com	\$4,800,700	12/9/2019	60%
Scope of Work: The rehabilitation of Minsi Lake Dam generally includes removal of the existing concrete spillway; construction of a cast-in-place concrete labyrinth spillway (CIP Concrete - 2000 CY); downstream culvert replacement; dam monitoring piezometers; new ford crossing along with upstream and downstream riprap protection (16,000 TN); and modifications to raise the crest of the dam approximately two feet to meet current dam safety criteria. Embankment Excavation/Backfill (~50,000 CY). MBE/WBE Participation: 9%					
Dam Improvements - Donegal Lake Donegal Lake Road Stahlstown, Westmoreland Co, PA Hazard: High	PA Dept. of General Services 515 North Office Building Harrisburg, PA 17125-001 Gerry Woomer (PA Fish & Boat) gwoomer@pa.gov	Michael Baker International 100 Airside Drive Moon Township, PA 15108 Ed Kaminiski (412) 269-6218	\$5,576,311	12/16/2019	50%
Scope of Work: The renovation of Donegal Lake Dam generally includes the armoring of the embankment with Roller Compacted Concrete (RCC - 4,200 CY); removing and replacing the concrete Primary Spillway (CIP Concrete - approx 3000 CY) including new passive anchors; box culvert extension with new endwall; RipRap protection; dam monitoring piezometers; and replacing the existing stoplog system and 24" sluice gate in the Control Tower to meet current dam safety criteria. Embankment excavation and backfill (~25,000 CY). MBE/WBE Participation: 8.2%					
Renovation of Kyle Lake Dam Washington Twp., Jefferson Co., PA Hazard: High	PA Dept. of General Services 515 North Office Building Harrisburg, PA 17125-001 Gerry Woomer (PA Fish & Boat) gwoomer@pa.gov	Michael Baker International 100 Airside Drive Moon Township, PA 15108 Ed Kaminiski (412) 269-6218	\$4,685,111	12/31/2019	90%
Scope of Work: The renovation of Kyle Lake Dam generally includes the armoring of the embankment with Articulated Concrete Block (ACBs - 95,000 SF); installation of a new collector toe drain; partial demolition of the Auxiliary Spillway and Gate House; partial replacement of the Auxiliary Spillway and Gate House; install piezometers; complete concrete repairs on existing structures; install new ford crossing and R-8 RipRap protection; complete several acres of tree clearing and restoration; and replacing the existing outlets works (4x sluice gates, and waterline intake) within the Gate House to meet current dam safety criteria. MBE/WBE Participation: 16.5%					

**CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"**

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
St. Mary's Villa Stream Restoration Ambler, Montgomery Co, PA	Lindenwold Residential Associates, LLC PO Box 845 Bensalem, PA 19020 Rob Fluehr, VP (Goldenberg Group) rfluehr@goldenberggroup.com (610) 260-1463	Skelly and Loy, Inc 449 Eisenhower Blvd Harrisburg, PA 17111 Mike Lower (717) 232-0593 mlower@skellyloy.com	\$595,893	10/30/2019	75%

Scope of Work: Project was associated to a major development project adjacent to an existing residential community. Based on concerns of storms flows having the potential to substantially damage the existing lake embankments it was concluded that the dam structure should be breached and the water course restored to its natural stream channel. Proposed work efforts on the site involved the restoration of approximately 625 linear feet of Honey Run and its adjacent floodplain; the removal of Loch Linden Dam (PA DEP File No. D46-003) which included significant control and diversion of water (stream bypass); the construction of wetlands within the boundary of the lake footprint including a berm with clay core, landscaping and seeding; fish salvage and relocation; steep pool channels and habitat logs; tree removal and protection; as well as typical E&S controls, grading and utility work associated to these types of projects.

Dam Renovations to Chapman Lake Dam Warren County, PA Hazard: High	Commonwealth of PA DCNR Bureau of Facility Design & Construction PO Box 8451 Harrisburg, PA 17105 Ed Raptosh (717) 787-5055	Michael Baker International 100 Airside Drive Moon Township, PA 15108 Ed Kaminiski (412) 269-6218	\$11,006,903	6/12/2019	55%
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Scope of Work: The renovation of Chapman Lake Dam generally includes the overtopping protection of the embankment with Roller Compacted Concrete (RCC - 11,000 CY); rehabilitation and improvements of the Primary Spillway (Stepped); replacement of the stop log drawdown system; embankment grout curtain; concrete repairs; mill and overlay resurfacing; asphalt pavement repair; and rehabilitation and improvement of the Control Tower including sliplining outlet pipe to meet current dam safety criteria. Embankment excavation and backfill (~25,000 CY). Sediment removal and lake bed enhancements are also included to improve the recreational aspects of the lake (~75,000 CY). MBE/WBE Participation: 8.5%

Lake Scranton Dam Rehabilitation Lackawanna Conty, PA Hazard: High	PA American Water Company 852 Wesley Drive Mechanicsburg, PA 17055 Tony Nokovich (717) 691-2138	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 Scott Brough (703) 795-9358	\$7,252,384	6/1/2019	60%
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Scope of Work: Construction of modifications to Lake Scranton Dam including installation of temporary dewatering wells and piping; site dewatering; temporary flow diversion and cofferdams; excavation and fill placement for construction of embankment blanket and toe drains, modifications to earth embankments; soil and rock excavation within principal spillway approach and outflow channels; placement of riprap, aggregate drains, select fill, random fill, AASHTO No. 8 coarse aggregate, cement concrete sand, PennDOT 2A coarse aggregate; modifications, protection and installation of piezometers; demolition of portions of the principal spillway reinforced concrete; construction of new labyrinth principal spillway including reinforced concrete slab and weir walls; installation of anchor dowels; installation of a slide gate, trash rack and staff gage at labyrinth spillway; modification of masonry main dam including placing reinforced concrete in existing auxiliary spillway arches, installing post tensioned rock anchors and re-pointing deteriorated masonry joints at the upstream and downstream face of the dam, underwater installation of new flanged coupling adapter, tapped blind flange and 2-inch valve and trash rack at an existing 24-inch drain; installing two sets of stop logs; replacing all sluice gate operating stems, and guides at the Screen Chamber/Valve House; installing drainage channels, precast concrete end walls and storm inlets; modifications to a finished water valve chamber to add an access hatch, surfacing of access roads; on-site spoiling of excess excavated material and site grading; implementation of erosion and sedimentation controls, seeding and placement of riprap channel protection.



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CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Raritan-Millstone Water Treatment Plant Flood Control Project Somerset, NJ	New Jersey American Water Company 1025 Laurel Oak Road Voorhees, NJ 08043 Manoj Patel, PE (908) 431-3264	AECOM 1255 Broad Street, Suite 201 Clifton, NJ 07013 Robert Ferrell, PE (973) 883-8687	\$24,207,639	12/1/2018	50%

Scope of Work: Raise existing levees and flood walls 4' around water treatment plant for required flood protection. Work involved: Miscellaneous removal and disposal of concrete, asphalt, structural walls, buried pipes, conduits, fencing, etc.; Relocations and adjustments, both temporary and permanent, of buried underground facilities and temporary relocation of overhead power lines; Coordination with Public Service Electric and Gas (PSE&G) for temporary de-activation of overhead power lines to facilitate construction of Work; Locating, identify, and working around live underground utilities (large water distribution main, electrical, and gas). Many of these utilities were unknown and unmarked.; Structurally raise existing floodwalls along with repairing three prominent structural vertical cracks in North Floodwalls existing pilasters; Remove 2 existing floodgates and replace with larger (30'x9'); Construction of 3 new floodgates (20'x6'); Enlarge full earthen levees (~68,000 CY); Construct reinforced concrete "T"-floodwall on top of earthen levee; Construct Steel Sheet Pile "I"-Wall Segments and Reinforced Concrete ; Construct a new Combination Retaining Wall System ("Bulkhead/Floodwall" -utilizing sheet piles and pipe piles); Install overlapping jet-grouted seepage reduction columns around subsurface utility penetrations along the line of flood protection.; Install new sewer lift station and a sanitary sewer force main; Dredge existing lagoon; Install dredge barge anchor piles; Vibration monitoring of existing structures and utilities; Remove and relocate existing security gates' gate controls, power supplies and security camera and appurtenances as required; Earthwork, minor storm drainage, riprap, asphalt paving; Design, furnish and install and remove temporary flood protection.
MBE/WBE Participation: 10%

Pikes Creek Dam Rehab Luzerne County, PA Hazard: High	PA American Water Company 852 Wesley Drive Mechanicsburg, PA 17055 Tony Nokovich (717) 691-2138	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 Scott Brough (703) 795-9358	\$14,464,941	9/20/2018	50%
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Scope of Work: Rehab of an existing earth filled dam with a 2,155' long crest, maximum embankment height of 65' and a storage capacity of 9,026 acre feet. Work involves temporary dewatering wells, flow diversion and cofferdams, construction of earth embankments, placement of rip rap protection, upstream closure valve replacement, raw water outlet piping modifications, downstream flattening of embankment slope and toe drain installation, replacement of auxiliary spillway with fusegate control structures and extensive concrete repairs to the principal spillway. Earthwork includes 79,200 CY of common excavation, 40,000 CY rock excavation, 62,200 CY spoil, 40,800 CY of select fill, 5,150 CY of rip rap. Cast in place concrete of 2,500 CY with 164 ton of rebar. All work performed while maintaining raw water supply to downstream potable water plant.

**CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"**

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Honey Lake Dam Rehabilitation Mercer County, PA Hazard: High	Honey Lake Homeowner's Association Hopewell Township, NJ Lou Cooperhouse	French & Parrello Associates 1800 Rt. 34, Suite 101 Wall, NJ 07719 Chris Marx (732) 312-9857	\$3,137,868	7/1/2018	70%
Scope of Work: Rehabilitation to existing earthen dam to include: Clearing and grubbing; E&S Controls; control of water; embankment excavation and fill; selective demolition of existing spillway; new cast-in-place spillway; slip lining of existing outlet pipe; remove existing sluice gate and install new; embankment drain; and roller compacted concrete (RCC) overtopping protection					
Rehabilitation to Bear Gap Dam Northumberland, PA Hazard: High	Aqua Pennsylvania, Inc. 762 W. Lancaster Ave. Bryn Mawr PA 19010 Brennan Kelly (610) 645-4297	Eric J. Ditchey, P.E., LLC PO Box 1643 Mount Laurel, NJ 08054 Eric J. Ditchey (856) 304-6785 ejditchey@comcast.net	\$1,230,005	9/22/2017	65%
Scope of Work: Rehabilitation of existing concrete spillway and earth dam. Work involved: Erosion and sediment control measures; control of water (cofferdam); selective demolition; rock anchors; geosynthetic drainage layer; structural cast-in-place concrete overlay of existing ogee spillway; concrete repair of existing training walls; subdrainage pipe and fittings; anchor-block retaining walls, select fill, embankment fill, instream rip-rap placement; walkway with handrails to existing gate valve, and permanent seeding of finished site.					
Hearns Pond Dam Improvement Sussex County, Delaware Hazard: High	State of Delaware Dept of Transportation 800 Bay Road Dover, DE 19903 George Pierce (302) 853-1349 georgea.pierce@state.de.us	McCormick Taylor 700 East Gate Drive Suite 201 Mount Laurel, NJ 08054 Eric Ditchey, PE (856) 304-6785 EJDitchey@mccormicktaylor.com	\$4,162,326	4/19/2017	50%
Scope of Work: Removal of the existing spillway and replacement with a new "fan" spillway. Placement of 6" & 9" articulated concrete block mats (23,000 SF) and rip rap for overtopping protection, installation of sheet pile cut-off wall, grading on the embankment to improve the safety of the dam. Replacement of existing sluice gate for lake level control. Vibration monitoring required due to proximity of pile driving operation to historic structures. Temporary cofferdam and diversion channel required during spillway replacement.					
Silver Lake Dam Prince William County, VA Hazard: High	Prince William County 1 County Complex Prince William, VA 22192 Al Roltzsch (703) 792-6865 aroltzsch@pwgov.org	Dewberry Engineering 13575 Heathcote Boulevard, Suite 130 Gainesville, VA 20155 Ed Umbrell (703) 468-2258 eumbrell@dewberry.com	\$781,646	1/27/2017	100%
Scope of Work: Install overtopping protection to existing dam. Work involved: dewatering; fine grade of existing subgrade; installation of sand/stone, and pipe under-drain; installation of 48,000 sf of articulated concrete block (ACB) system with geotextile, stone subbase, geo-grid, stone infill, and grouted joints.					

**CONTRACTOR EXPERIENCE "DAM & LEVEE PROJECTS"**

PROJECT NAME	OWNER	ENGINEER	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
Stevenson Dam Rehabilitation Grove Township Cameron County, PA Hazard: High	Commonwealth of PA DCNR Bureau of Facility Design & Construction PO Box 8451 Harrisburg, PA 17105 Ed Raptosh (717) 787-5055	Same as Owner	\$3,165,241	10/4/2016	78%
Scope of Work: Construction of a foundation filter and drainage trench, a series of rock drains, filter and drain material within the trench, removal of existing drain pipes along the abutment groin, drainage manholes and piezometers. The earthwork scope included 100,000 CY of unclassified excavation, 78,000 CY of earthfill, 31,000 CY of Spoil, 13,000 ton of concrete sand and 8,000 CY of aggregate backfill.					
Glade Run Dam Renovation Middlesex Township Butler County, PA Hazard: High	PA Dept. of General Services 515 North Office Building Harrisburg, PA 17125-001 Samuel Genovesi (412) 820-0215 sgenovesi@pa.gov Gerry Woomer (PA Fish & Boat) gwoomer@pa.gov	Schnabel Engineering 1380 Wilmington Pike West Chester, PA 19382 Jeremy Young (610) 696-6066 jyoung@schnabel-eng.com	\$2,929,381	9/24/2016	50%
Scope of Work: Removal of existing spillway and replacement with a new cast in place spillway. Extension of the outlet conduit and raising the embankment 5' on the right side and install 9" articulated concrete block (52,000 SF) overtopping protection on the downstream embankment.					
Ashland Dam Raising Project Schuylkill County, PA Hazard: High	Ashland Municipal Authority	Alfred Benesch & Company 400 One Norwegian Plaza Pottsville, PA 17901 Jennifer Kowalonek (570) 622-4055	\$1,179,914	6/17/2016	60%
Scope of Work: Site preparation including clearing and embankment earthwork. Raising of embankment with new cast in place concrete paeapet wall. Outlet works improvements including new outlet pipe upstream valve and trash rack.and screen.					
Raw Water Reservoir Rehab Delran Water Plant Delran, New Jersey	New Jersey American Water 1025 Laurel Oak Road Voorhees, NJ 08043 Tim Mentzer (856) 727-6137	Eric J. Ditchey, P.E., LLC PO Box 1643 Mount Laurel, NJ 08054 Eric Ditchey, PE (856) 304-6785	\$3,435,466	1/15/2016	40%
Scope of Work: Dredge accumulated river silt from existing 150,000 SF reservoir, remove existing PVC liner from reservoir. Excavate subsoil and place 9" subbase stone and construct a 6" reinforced concrete slab on bottom and side slopes. All excavated soil was disposed of at a mine reclamation site in PA. Project involved approximately 150,000 SF of 6" Concrete slab and sidewalls, 12,000 tons of surplus soil disposal and 8,000 tons of subbase stone.					

BEAVER CREEK DAM REHABILITATION

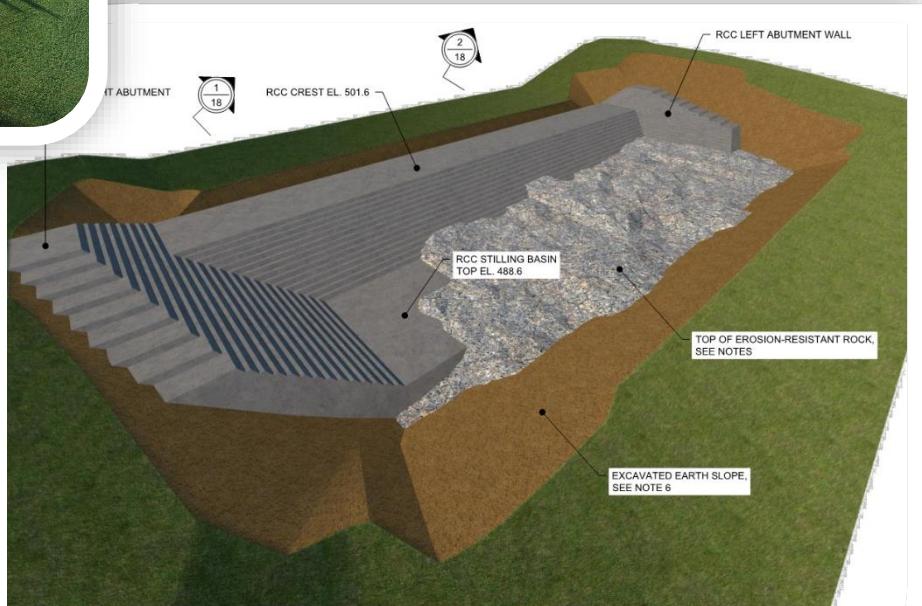
FLOOD RISK REDUCTION

CHESTER COUNTY, PA



OWNER:
USDA - NRCS

359 East Park Dr., Suite 2
Harrisburg, PA
Heather Smeltz, PE
Heather.smeltz@usda.gov | (717) 237-2214



ENGINEER:
GANNETT FLEMING, INC.
207 Senate Avenue
Camp Hill, PA 17011
EJ Barben, P.E.
(570) 765-8226
ebarben@gfnet.com



ORIGINAL CONTRACT PRICE

\$2,238,826

FINAL CONTRACT PRICE

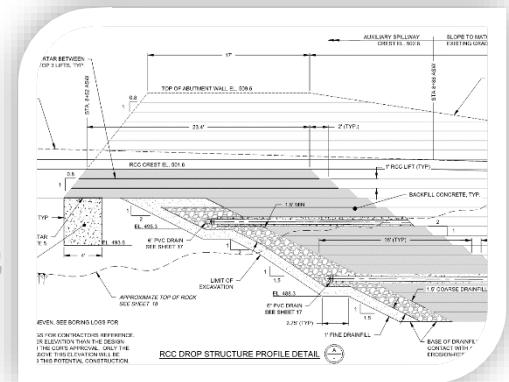
\$2,495,733

ORIGINAL COMPLETION DATE

MARCH 2023

ACTUAL COMPLETION DATE

OCTOBER 2022



PROJECT: Beaver Creek Dam Rehabilitation

PROJECT TYPE: Flood Control Dam, Spillway, & Outlet Works

LOCATION: East Brandywine Township, Chester County, PA

DESCRIPTION OF PROJECT:

The Beaver Creek Dam is owned and operated by the Chester County Water Resource Authority. The objectives of this project were to rehabilitate the dam to meet or exceed state and federal dam safety criteria and to maintain the originally planned level of flood protection provided by Beaver Creek Dam. Work activities include:

- Temporary erosion and sedimentation controls.
- Design, installation and operation of a temporary dewatering system.
- Bulk Excavation (23,000 Unclassified) and Rock Foundation Prep (2,300 SY)
- New Auxiliary Spillway RCC Drop Structure including a new drainage system (600 Ton fine drainfill, 900 Ton coarse drainfill, 6" perforated PVC). The design required the armoring the auxiliary spillway exit channel and side slopes with roller compacted concrete (4,500 CY). Spillway was backfilled upon completion.
- Replacement of the principal spillway riser structure including a new 30"x30" sluice gate and associated trash rack.
- Installation of downstream embankment toe drainage system
- Installation of riprap wave protection on the upstream face of the dam (R-5, 900 Ton)
- Install access to the existing toe drains through the impact basin headwall
- The contractor was subject to U.S. Fish and Wildlife Service guidance regarding Threatened and Endangered Species, primarily relating to construction outside of the bald eagle nesting season.

KC PROJECT KEY PERSONNEL:

Project Manager: Bobby Machiesky, Jr. Site Superintendent: Steve Sickler

RCC Superintendent/QC Supervisor: Bobby Machiesky, Jr.

RCC Placement Supervisor: Steve Sickler RCC Plant Operator: Todd Glover

KC RCC EQUIPMENT USED

Mixing Plant

- (2) Zimmerman ZM-410 Volumetric Mixers, (2) Bellgrade BBL-350 Silos, PSC 30'x50' Staking Conveyor, Volvo L70 Wheel Loader

Placement Crew

- Volvo A30G Articulated Dump Trucks, Volvo L70 Wheel Loader, Komatsu D39 Bulldozer with Topcon GPS, Hamm 3420 Single Drum Roller, Wacker WP-1550 Vibratory Plate



CHAPMAN LAKE DAM

DAM RENOVATION

WARREN COUNTY, PA

OWNER:

Commonwealth of PA - DCNR
PO Box 8451
Harrisburg, PA
Ed Raptosh | (717) 787-5055



ENGINEER:

Michael Baker, International
101 Airside Drive
Moon, PA 15108
Ed Kaminski, P.E.
(412) 269-6218
ekaminski@mbakerintl.com



ORIGINAL CONTRACT PRICE

\$9,950,000

FINAL CONTRACT PRICE

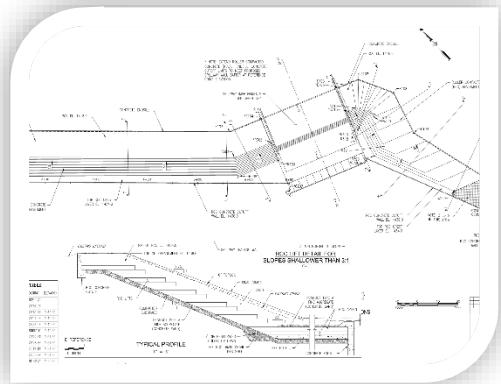
\$11,006,903

ORIGINAL COMPLETION DATE

November 2018

ACTUAL COMPLETION DATE

June 2019



PROJECT: Chapman Lake Dam Renovations

PROJECT TYPE: Flood Control Dam, Spillway, & Outlet Works

LOCATION: Pleasant Township, Warren County, PA

DESCRIPTION OF PROJECT:

The renovation of Chapman Lake Dam generally included the overtopping protection of the embankment with Roller Compacted Concrete (RCC); rehabilitation of the existing spillway; replacement of the low-level drawdown system; asphalt repairs and resurfacing; and improvements to the Control Tower to meet dam safety criteria. Sediment removal (dredging) and lakebed enhancements were also included to improve recreational aspects of the lake. Work activities included:

- Temporary erosion and sedimentation controls. Clearing and Grubbing
- Dewatering of the lake and Control of Water (sheet pile & bin block cofferdams)
- Partial demolition of existing spillway, stop log system and control tower
- Construct primary stepped spillway, stilling basin and training walls including waterstop
- Embankment excavation and backfill (~25,000 CY), Dredging (~75,000 CY)
- Installation of downstream embankment toe drain system (~6,000 TN of drainfill)
- Embankment armoring with RCC (11,000 CY) and drilled grout curtain
- Sluice Gate and Stop Log drawdown system installations
- Slipline 24" low level outlet pipe with HDPE liner
- Concrete spall and crack repair, Asphalt resurfacing (13,000 SY) and repairs
- Dam Monitoring instrumentation installation
- Complete topsoil return and permanent restoration
- Note: Completion date and increased contract value were a result of client driven change orders (additional dredging, paving repairs and installation of a new box culvert)

KC PROJECT KEY PERSONNEL:

Project Manager: Derek Fuller, PE Site Superintendent: Bobby Machiesky, Jr.

RCC Superintendent/QC Supervisor: Bobby Machiesky, Jr.

RCC Placement Supervisor: Steve Sickler RCC Plant Operator: Todd Glover

KC RCC EQUIPMENT USED

Mixing Plant

- (2) Zimmerman ZM-410 Volumetric Mixers, (2) Bellgrade BBL-350 Silos, PSC 30'x50' Staking Conveyor, Volvo L70 Wheel Loader

Placement Crew

- Volvo A30G Articulated Dump Trucks, Volvo L70 Wheel Loader, Komatsu D39 Bulldozer with Topcon GPS, Hamm 3420 Single Drum Roller, Wacker WP-1550





JOHN V. LIMA, P.E.

PRESIDENT

1737 Stout Drive
Ivyland, Pennsylvania 18974

T (215) 443-5553

C (267) 784-6999

E JohnL@kcconstruct.com

EXPERIENCE SUMMARY

Over thirty years as a General Contractor/Construction Manager and Consulting Engineer. Most recent experience as President, Estimator, Project Manager, and Quality Control Manager of KC Construction Company with annual business volume of \$20 to \$30 million dollars. Experience includes the management of numerous Heavy Civil construction projects relating to water, wastewater, dam safety improvements, Roller Compacted Concrete (RCC) and environmental protection projects. Experienced Geotechnical and Foundation Engineer and Licensed Land Surveyor with specific expertise in earth dam design and inspection.

EXPERIENCE

KC CONSTRUCTION CO., IVYLAND, PENNSYLVANIA

1983 TO PRESENT

PRESIDENT

Responsible for the overall management of the company, provide technical assistance and troubleshooting to resolve unforeseen site conditions and value engineering alternatives. Responsible for quality control of all earthwork activities including structural backfill of embankments and levees, sheeting and shoring applications and dewatering facilities.

Project Management responsibilities have included a wide range of Public Works, Commercial and Industrial Projects. Recent Public Works projects include: landfills, earth dams, site development, municipal complexes, transit facilities, water treatment facilities and water distribution systems.

ENVIROSAFE SERVICES, INC., HORSHAM, PENNSYLVANIA

1981-1982

ENGINEERING SUPERVISOR/LEAD TECHNICAL ENGINEER

IU CONVERSION SYSTEMS, HORSHAM, PENNSYLVANIA

1979-1981

QC SUPERVISOR - LANDFILLS

CITY OF PHILADELPHIA, PENNSYLVANIA

1976-1978

CONSTRUCTION ENGINEERING SUPERVISOR

U.S. ARMY CORPS OF ENGINEERS, PHILA., PENNSYLVANIA

1974-1974

FOUNDATION DESIGN

EDUCATION

TEMPLE UNIVERSITY

- B.S. Civil Engineering – Drexel University, 1974
- M.S. Civil Engineering (Geotechnical) – Drexel University, 1977
- Real Estate School – Temple University (1978-1979)
- Graduate Studies Finance – LaSalle College (1980-1981)

CERTIFICATIONS

- Professional Engineer – Pennsylvania
- Professional Land Surveyor - Pennsylvania
- American Society of Civil Engineers (A.S.C.E.)
- American Society of Testing Materials (A.S.T.M.)



GINO YANNUZZELLI
VICE PRESIDENT
OPERATIONS

1737 Stout Drive
Ivyland, Pennsylvania 18974

T (215) 443-5553
C (484) 894-9063
E GinoY@kcconstruct.com

EXPERIENCE SUMMARY

Over twenty-five years of experience in the business administration, project management, and operations management of building, sitework, and heavy civil construction projects and companies. Gino joined KC in 2005 and has held the positions of Procurement Manager, Controller, Project Manager, Estimator, and Operations Manager working on sitework, water/wastewater treatment plants, and flood control/dam projects ranging from \$1mm to \$25mm.

EXPERIENCE

KC CONSTRUCTION CO., IVYLAND, PENNSYLVANIA

2005 TO PRESENT

VICE PRESIDENT

Responsible for the overall day to day corporate operation of the company, including the development, implementation, and management of strategic business, financial, and operational plans, and budgets.

OPERATIONS

Oversees the company project managers and superintendents. Coordinates and schedules required project manpower and equipment with the project team. Responsible for the hiring, training, management, and evaluation of field labor as required.

PROJECT MANAGER

Job tasks include development of job costs and project schedule, buyout of subcontracts and materials, in-house and subcontractor workforce management for dam rehabilitation and flood control projects ranging from \$1million to \$25million.

PROJECT ESTIMATOR

Assists with estimating performing earthwork take-offs and material calculations, cost estimates, vendor and subcontractor solicitations. Review of subcontractor and supplier bids in accordance with contract requirements.

KULLMAN INDUSTRIES, INC., LEBANON, NEW JERSEY

1995-2004

SR. PROCUREMENT MANGER AND ESTIMATOR

Responsible for the project procurement and contract management for general contractor/modular construction manufacturer with annual contract revenues of \$75mm to \$100mm specializing in construction of retail buildings, schools, hospitals, prisons, cellular equipment housing, and international U.S. embassy compounds. Assisted the estimating team as needed

EDUCATION

- A.S. Civil Engineering/Construction Technologies
Essex County Community College, Newark, NJ 1995

CERTIFICATIONS

- OSHA 30
- American Red Cross CPR & First Aid
- State of Maryland Erosion and Sediment Control Responsible Person
- State of Delaware Erosion and Sediment Control Responsible Person (Blue Card)



TIM WINTERMUTE

SR. PROJECT MANAGER

1737 Stout Drive
Ivyland, Pennsylvania 18974

T (215) 443-5553
C (908) 328-4047
E timw@kcconstruct.com

EXPERIENCE SUMMARY

Over 30 years' experience in the heavy civil industry starting out as an operator, laborer, and grade foreman, then advancing to a supervisor, project manager, and project executive with extensive experience in large-scale earthwork and dam rehabilitation projects.

RELEVANT PROJECTS

2025-Present – Green Briar Dam Rehab
2025-Present – Cobbs Creek Flood Plain
2024-2025 – Potomac Dam No. 5 Rehab
2024-2025 – Stony Garden Dam Rehab
2020-2024 – Round Valley Dam Rehab

EXPERIENCE

KC CONSTRUCTION CO., IVYLAND, PENNSYLVANIA

2024 TO PRESENT – SR. PROJECT MANAGER

Over 30 years' experience in heavy civil and site work project management. Most recent experience as senior project manager for KC Construction specializing in dam rehabilitation projects. Responsible for the planning, management, and supervision of rehabilitation projects featuring embankment fill, toe drains, cast-in-place concrete spillways, roller compacted concrete (RCC), riprap armoring, articulated block (ACB) overtopping protection, and stream restorations.

THALLE CONSTRUCTION COMPANY, HILLSBOROUGH, NC

2020 TO 2024 – SR. PROJECT MANAGER

VOLLERS INC., NORTH BRANCH, NEW JERSEY

2017 TO 2020 – CHIEF OPERATIONS OFFICER

2015 TO 2017 – PROJECT EXECUTIVE

2005 TO 2015 – VICE PRESIDENT/PROJECT MANAGER

1998 TO 2005 – PROJECT SUPERINTENDENT

1994 TO 1998 – PROJECT ENGINEER

EDUCATION

NEW JERSEY INSTITUTE OF TECHNOLOGY

- Bachelor of Science, Civil & Environmental Engineering, 1994

TAYLOR UNIVERSITY

- Bachelor of Science, Systems Analysis/Natural Science, 1991

CERTIFICATIONS

- OSHA 30
- National Safety Council CPR, First Aid, and AED



CHRISTOPHER KNASH, P.L.S. SURVEYOR/SUPERINTENDENT

1737 Stout Drive
Ivyland, Pennsylvania 18974

T (215) 443-5553

C (267) 784-4410

E cknash@kcconstruct.com

EXPERIENCE SUMMARY

35 years' extensive experience in the survey, engineering, and construction fields as a chief surveyor, estimator, and project superintendent for heavy civil sitework, water/wastewater treatment plants, and dams/flood control projects.

RELEVANT PROJECTS AS PROJECT SUPERINTENDENT

2024-2025 – Potomac Dam No.5
2023 – Lake Montrose Dam Rehabilitation
2022 - Upper Birchwood Lake Dam Rehabilitation
2021 – Round Valley Reservoir – North Dam Rehabilitation
2021 – NRCS Beaver Creek Dam – Chief Surveyor
2020 – NRCS Hibernia Dam – Chief Surveyor
2020 – Rehabilitation of Meadow Grounds Lake Dam
2019 – Rehabilitation to Pecks Pond Dam
2018 – Raritan-Millstone WTP Flood Protection
2016 – Stevenson Dam Rehabilitation
2015 – Ashland Dam Rehabilitation
2014 – Gambacorta & Army Creek Dike Rehabilitation

EXPERIENCE

KC CONSTRUCTION CO., IVYLAND, PENNSYLVANIA

2003 TO PRESENT

PROJECT SUPERINTENDENT AND SURVEYOR

Responsible for overseeing all survey work and select project supervision for the company. Projects range in cost from \$1 Million to \$23 million and include commercial and residential developments, levees, roads, dam rehabilitation, water/wastewater treatment plants and athletic sports facilities. Responsible for survey personnel training, job and equipment management. Extensive experience in Cadd, as built preparation, quantity analysis, modeling, and working with Topcon GPS equipment (layout and machine control).

As Project Superintendent duties include monitoring all contract operations onsite for schedule, quality, and overall contract compliance. Interface with Owner's onsite representative and Engineer as required. Oversee and schedule the use of independent testing laboratories for compliance verification of soils, concrete, structural, and mechanical systems. Monitor and direct the work of subcontractors and "in house" construction for contract compliance as well as reviewing vendor submittals for field conditions and installation requirements. Prepare and submit all required submittals, RFI's, schedules and pay applications.

KNASH ASSOCIATES, HONESDALE, PA

1991 TO 2003

SURVEYOR – SELF EMPLOYED

JAMES F. KNASH, P.E., P.L.S., HONESDALE, PA

1984 TO 1991

PARTY CHIEF

UNITED STATE ARMY

1978 TO 1982

COMBAT ENGINEER

EDUCATION

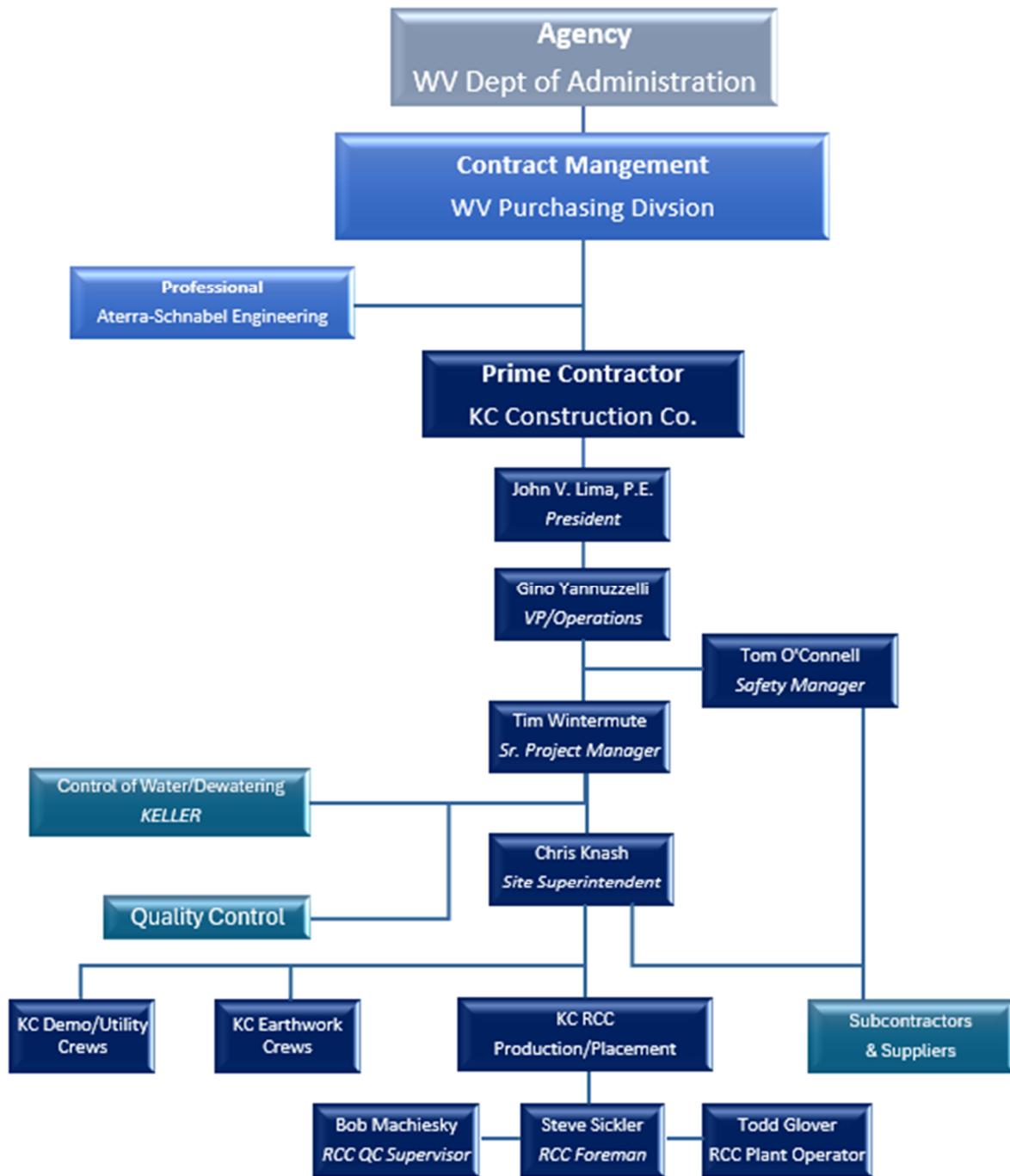
- A.S. Surveying Technology – Penn State University, 1984

CERTIFICATIONS

- Commonwealth of Pennsylvania Surveyors License, 1991
- State of Delaware Surveyors License, 2011
- OSHA 30
- American Red Cross CPR & First Aid
- U.S. Army Corps of Engineer's – Construction Quality Management

BRUSH CREEK 15 DAM REHABILITATION
PROJECT NO. CRFQ 1400 AGR26-16

PROJECT TEAM ORGANIZATION CHART



**CONTRACTOR EXPERIENCE "RCC PROJECTS" CURRENT AND COMPLETED**

PROJECT TYPE	PROJECT NAME	OWNER	ENGINEER	EQUIPMENT USED	TOTAL RCC QUANTITY	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
RCC	Rawson Hill Brook Floodwater Retarder Dam Shrewsbury, Worcester Co, Mass.	USDA-NRCS 445 West Street Amherst, MA 01002 (413) 253-4500 Deron Davis Deron.Davis@usda.gov	Gannett Fleming, Inc. 207 Senate Avenue Camp Hill, PA 17011 (703) 795-9358 Scott Brough sbrough@gfnet.com	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	2,700 CY	\$2,347,931	10/2/2022	75%
	Scope of Work: The major items of work include: clearing and grubbing; structure removal; temporary seeding and mulching; compost filter sock; construction and maintenance of Access Roads; surveys; mobilization and demobilization; dewatering the Construction Site; diverting surface water; sheet piling; excavation, unclassified; compacting structure backfill; earthfill, approved, class A; earthfill, random, class C; fine drainfill; coarse drainfill; salvaging and spreadsheet topsoil; concrete, backfill; concrete, reinforced; roller-compacted concrete (2,700 CY); roller-compacted concrete test section; principal spillway conduit, 30" PCCP pipe; perforated drain pipe, 8" diameter; non-perforated drain pipe, 8" diameter; loose rock riprap; contractor quality control; and precast concrete manholes.							
RCC	Beaver Creek Dam Rehabilitation 381 E. Reeceville Road Downingtown, Chester Co., PA	USDA (NRCS/Chester Co Water Resources Auth) 441 S. Salina Street, Rm 250, Suite 354 Syracuse, NY 13202 Laureen Eipp (315) 447-6522 laureen.eipp@usda.gov	Gannett Fleming, Inc. 207 Senate Avenue Harrisburg, PA 17011 Paul Schweiger (717) 763-7211	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	4,500 CY	\$2,238,826	10/10/2022	75%
	Scope of Work: The Beaver Creek Dam is owned and operated by the Chester County Water Resource Authority. The objectives of this project were to rehabilitate the dam to meet or exceed state and federal dam safety criteria and to maintain the originally planned level of flood protection provided by Beaver Creek Dam. The design requires the armoring the auxiliary spillway exit channel and side slopes with roller compacted concrete (4,500 CY); replacing the principal spillway riser structure; installing access to the existing toe drains through the impact basin headwall; installing riprap wave protection on the upstream face of the dam; and re-grading an area adjacent to the downstream toe and installing a trench drain. Limitations of this project included a nesting pair of bald eagles. The contractor was subject to U.S. Fish and Wildlife Service guidance regarding Threatened and Endangered Species, primarily relating to construction outside of the bald eagle nesting season.							
RCC	Dam Improvements - Donegal Lake Donegal Lake Road Stahlstown, Westmoreland Co, PA	PA Fish & Boat Commission 450 Robinson Lane Bellefonte, PA 16823 Gerry Woomer (PA Fish & Boat) gwoomer@pa.gov	Michael Baker International 100 Ainslie Drive Moon Township, PA 15108 Ed Kaminiski (412) 269-6218	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	6,000 CY	\$5,637,755	12/16/2019	50%
	Scope of Work: The renovation of Donegal Lake Dam generally includes the armoring of the embankment with Roller Compacted Concrete (RCC - 6,000 CY); removing and replacing the concrete Primary Spillway (CIP Concrete - approx 3000 CY) including new passive anchors; box culvert extension with new endwall; RipRap protection; dam monitoring piezometers; and replacing the existing stoplog system and 24" sluice gate in the Control Tower to meet current dam safety criteria. Embankment excavation and backfill (~25,000 CY). MBE/WBE Participation: 8.2%							
RCC	Dam Renovations to Chapman Lake Dam Warren County, PA	Commonwealth of PA DCNR Bureau of Facility Design & Construction PO Box 8451 Harrisburg, PA 17105 Ed Raptosh (717) 787-5055	Michael Baker International 100 Ainslie Drive Moon Township, PA 15108 Ed Kaminiski (412) 269-6218	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	12,000 CY	\$11,006,903	6/12/2019	55%
	Scope of Work: The renovation of Chapman Lake Dam generally includes the overtopping protection of the embankment with Roller Compacted Concrete (RCC - 11,000 CY); rehabilitation and improvements of the Primary Spillway (Stepped); replacement of the stop log drawdown system; embankment grout curtain; concrete repairs; mill and overlay resurfacing; asphalt pavement repair; and rehabilitation and improvement of the Control Tower including sliplining outlet pipe to meet current dam safety criteria. Embankment excavation and backfill (~25,000 CY). Sediment removal and lake bed enhancements are also included to improve the recreational aspects of the lake (~75,000 CY). MBE/WBE Participation: 8.5%							
RCC	Honey Lake Dam Rehabilitation Mercer County, PA	Honey Lake Homeowner's Association Hopewell Township, NJ Lou Cooperhouse	French & Parrello Associates 1800 Rt. 34, Suite 101 Wall, NJ 07719 Chris Marx (732) 312-9857	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	6,000 CY	\$3,137,868	7/1/2018	70%
	Scope of Work: Rehabilitation to existing earthen dam to include: Clearing and grubbing; E&S Controls; control of water; embankment excavation and fill; selective demolition of existing spillway; new cast-in-place spillway; slip lining of existing outlet pipe; remove existing sluice gate and install new; embankment drain; and roller compacted concrete (RCC) overtopping protection							



CONTRACTOR EXPERIENCE "RCC PROJECTS" CURRENT AND COMPLETED								
PROJECT TYPE	PROJECT NAME	OWNER	ENGINEER	EQUIPMENT USED	TOTAL RCC QUANTITY	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
RCC	Speedwell Forge Dam Renovations Lancaster County, PA	Commonwealth of Pennsylvania Department of General Services 18 th & Herr Streets Harrisburg, PA 17125 Frank Petulla Sam Eddinger (814) 863-0197	Schnabel Dam Engineering 1380 Wilmington Pike Suite 100 West Chester, PA 19382 Gary Horninger, P.E. (610) 696-6066	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	12,000 CY	\$4,384,397	12/7/2015	60%
	Scope of Work: Removal of the existing concrete spillway, construction of a cast-in-place concrete replacement spillway, constructing an earth embankment with a concrete parapet across the existing spillway approach channel on the west abutment, removal of riprap and reconstruction of the breached embankment, extending the existing outlet conduit with a new cast-in-place concrete conduit, lowering a portion of the embankment, installing an embankment drain system, installing 12,000 cy Roller Compacted Concrete (RCC) armoring on the lowered embankment, and raising the east end of the embankment approximately eight feet to prevent overtopping. Modifications are required to meet PADEP dam safety requirements.							
RCC	Lake Oneida Dam Upgrading Butler County, PA	Pennsylvania American Water 852 Wesley Drive Mechanicsburg, PA 17055 Anthony Nokivich, P.E. (717) 691-2138	Schnabel Dam Engineering 1380 Wilmington Pike, Suite 100 West Chester, PA 19382 Jeremy Young, P.E. (610) 696-6066	KC Construction's Zimmerman Volumetric Mixer Trucks w/Double Cement Silos Each (Cement + Pozolan)	15,000 CY	\$6,897,171	12/24/2013	65%
	Scope of Work: Rehabilitation to an existing 750' long x 31' high earthen dam with wetlands consisting of clearing & grubbing, dewatering, sheet pile cofferdams, demolition of the existing concrete spillway, installation of a new cast-in-place concrete spillway (1,800cy), RCC embankment armoring (15,000 cy), relocation of existing outlet conduit, new foundation drainage, installation of new pedestrian bridge to existing gate house, modifications to adjacent road, and installation of new piezometers.							
RCC	Picatinny Lake Dam RCC Overtopping Protection Picatinny Arsenal Rockaway, NJ	United State Army Corps of Engineers New York District	(GC) Cutting Edge Group 14 Walkup Cutoff Road Lake George, NY 12845 Attn: Marvin Frasier/Tom Davey (518) 798-4151	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	2,700 CY	\$475,000	11/1/2011	100%
	Scope of Work: Furnish all materials, manufacture, and place approximately 2,700 cy of Roller Compacted Concrete armorment of a 30' x 12' high earthen dam.							
RCC	Fawn Lake Damm RCC Armorment Schuylkill County, PA	Lake Wynonah Property Owners Association 406 Navajo Drive Auburn, PA 17922	WJP Engineers 1406 Laurel Boulevard Pottsville, PA 17901 Attn: Richard Yutko, P.E. (570) 622-4550	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	3,500 CY	\$645,888	11/1/2011	100%
	Scope of Work: Construction of approximately 3,500 cy of Roller Compacted Concrete (RCC) armorment over existing 700' x 40' high earthen dam, underdrains, and site restoration.							
RCC	Stillwater Lake Dam Monroe County, PA	Minsi Trails Council, Boy Scouts of America PO. Box 20624. Allentown, PA 18109 Attn: Craig Poland (610) 465-8554	Schnabel Engineering 510 East Gay Street West Chester, PA 19380 Attn: Greg Paxson, P.E. (610) 696-6066	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	4,000 CY	\$1,149,000	6/1/2011	80%
	Summary of Work: Replacement of existing 900' x 8' high Installation of erosion and sediment control devices, installation of diversion channel for spillway work, removal of existing concrete and rock fill spillway and outlet conduit, excavation of the existing earth fill embankment, placement of approx 2,000cy roller compacted concrete (RCC) replacement dam, construction of cast-in-place concrete replacement spillway and outlet works (subcontract), construction of earth fill abutment berms, site grading, and other miscellaneous repairs.							
RCC	Roamingwood Lake Dam Wayne County, PA	Assoc. of Property Owners of the Hideout, Inc. 640 The Hideout Lake Ariel, PA 18436 Attn: Ralph Graf (570) 698-4110	WJP Engineers 1406 Laurel Boulevard Pottsville, PA 17901 Attn: Richard Yutko, P.E. (570) 622-4550	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	15,000 CY	\$2,146,630	4/1/2011	80%
	Summary of Work: Construction of approximately 15,000cy roller compacted concrete (RCC) armorment protection over existing 650' x 20' high earthen berm and emergency spillway including drainage layer, installation of cast-in-place concrete cut-off walls (subcontract), cast-in-place concrete retaining wall (subcontract), concrete sidewalk (subcontract), heavy stone fill, railings, restoration and replacement of wetlands area, roadway construction, topsoil and seeding of disturbed areas, and maintenance and protection of traffic. Project included wetland protection.							

**CONTRACTOR EXPERIENCE "RCC PROJECTS" CURRENT AND COMPLETED**

PROJECT TYPE	PROJECT NAME	OWNER	ENGINEER	EQUIPMENT USED	TOTAL RCC QUANTITY	CONTRACT	REQUIRED/ACTUAL COMPLETION	% WORK BY KC
RCC	North Fork Dam Potter County, PA	USDA Natural Resources Conservation Service 5601 Sunnyside Ave, MS5460 Beltsville, MD 20705 Robert Terry (301) 504-2167	USDA Natural Resources Conservation Service 265 Holiday Inn Rd, Suite 3 Clarion, PA 16214 Attn: Jeff Werner (814) 226-8160, ext. 122	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	4,400 CY	\$1,740,580	11/1/2010	80%
	Summary of Work: Rehabilitate aging flood retarding structure at existing 1200' x 64' high earthen dam to extend service life by 100 years by installing a 4,400 cy Roller Compacted Concrete spillway, new Rip Rap Spillway, install new drain fill material, install new 30" concrete pipe, and install new control gates.							
RCC	Toby Creek Impounding Basin Modifications Phase 2 Luzerne County, PA **Teaming Agreement with Kalimex Inc.**	Army Corps of Engineer Northeastern Resident Office Tobyhanna Army Depot Box 48 Tobyhanna, PA 18466-5048 Attn: Jim Moore (570) 650-3055	General Contractor: Kalimex, Inc. 1300 Stagecoach Road Ocean View, NJ 08230 Kevin O'Brien (609) 390-7500	KC Construction's Zimmerman Volumetric Mixer Trucks w/Single Cement Silos Each	3,000 CY	\$2,936,740	11/1/2010	50%
	Summary of Work: Construct New Roller Compacted Concrete (3,000 cy) Spillway for the Toby Creek Impounding Basin.							



ROBERT MACHIESKY

ROLLER COMPAKTED CONCRETE
QUALITY CONTROL MANAGER

1737 Stout Drive
Ivyland, Pennsylvania 18974

T (215) 443-5553

C (570) 780-8560

E bobm@kcconstruct.com

EXPERIENCE SUMMARY

20 years' experience in the administration and field management of sitework, dam, levee, and heavy civil construction projects.

RELEVANT PROJECTS

2021-2022 – Rawson Hill Dam

- RCC – 2,700 CY

2021 – Beaver Creek Dam

- RCC – 4,500 CY

2019 – Donegal Lake Dam

- RCC – 6,000 CY

2017-2018 – Chapman Lake Dam

- RCC – 12,000 CY

2018 – Honey Lake Dam

- RCC – 6,000 CY

2015 – Speedwell Forge Lake Dam

- RCC – 12,000 CY

2013 – Lake Oneida Dam

- RCC – 15,000 CY

2012 – Picatinny Lake Dam

- RCC – 2,700 CY

2011 – Fawn Lake Dam

- RCC – 3,500 CY

2011 – Stillwater Lake Dam

- RCC – 4,000 CY

2010 – Roamingwood Lake Dam

- RCC – 15,000 CY

2010 – North Form Dam

- RCC – 4,400 CY

EXPERIENCE

KC CONSTRUCTION CO., IVYLAND, PENNSYLVANIA

2005 TO PRESENT SUMMARY

Over 20 years' experience in heavy civil and site work project management. Most recent experience as an onsite project manager and superintendent for KC Construction specializing in dam rehabilitation projects. Robert's expertise is in the planning, management, and supervision of rehabilitation projects featuring embankment fill, toe drains, cast-in-place concrete spillways, roller compacted concrete (RCC), riprap armoring, and articulated block (ACB) overtopping protection.

2010 TO PRESENT – RCC SUPERINTENDENT/QC

Responsible for the Roller Compacted Concrete (RCC) operation including plant production, quality assurance and control, and placement.

EDUCATION

PENN STATE UNIVERSITY

- Associates of Science, Survey Technology, December 2010

CERTIFICATIONS

- Pennsylvania Professional Land Surveyor (PLS)
- OSHA 30
- OSHA 10
- National Safety Council CPR, First Aid, and AED



STEVE SICKLER

ROLLER COMPAKTED CONCRETE
SUPERINTENDENT

1737 Stout Drive
Ivyland, Pennsylvania 18974

T (215) 443-5553
C (570) 762-7200
E steves@kcconstruct.com

EXPERIENCE SUMMARY

25 years' experience in all aspects of sitework and heavy civil construction specializing in earthwork and utilities.

RELEVANT PROJECTS

2021-2022 – Rawson Hill Dam

- RCC – 2,700 CY

2021 – Beaver Creek Dam

- RCC – 4,500 CY

2019 – Donegal Lake Dam

- RCC – 6,000 CY

2017-2018 – Chapman Lake Dam

- RCC – 12,000 CY

2018 – Honey Lake Dam

- RCC – 6,000 CY

2015 – Speedwell Forge Lake Dam

- RCC – 12,000 CY

2013 – Lake Oneida Dam

- RCC – 15,000 CY

2012 – Picatinny Lake Dam

- RCC – 2,700 CY

2011 – Fawn Lake Dam

- RCC – 3,500 CY

2011 – Stillwater Lake Dam

- RCC – 4,000 CY

2010 – Roamingwood Lake Dam

- RCC – 15,000 CY

2010 – North Form Dam

- RCC – 4,400 CY

2010 – Toby Creek Impounding Basin

- RCC – 3,000 CY

EXPERIENCE

KC CONSTRUCTION CO., IVYLAND, PENNSYLVANIA

2009 TO PRESENT SUMMARY

Site Foreman on heavy civil site work, earthen dam, RCC, and levee projects ranging from \$1 million to \$20 million. Responsible to lead and manage in-house earthwork, concrete, and RCC crews and monitor all contract operations onsite for schedule, quality, and overall contract compliance. Interface with Owner's onsite representative and Engineer as required. Oversee and schedule the use of independent testing laboratories for compliance verification of soils, concrete, structural, and mechanical systems. Monitor and direct the work of subcontractors and "in house" construction crews for contract compliance as well as reviewing vendor submittals for field conditions and installation requirements.

2010 TO PRESENT – RCC SUPERINTENDENT/PLACEMENT FOREMAN

Responsible for directing overall RCC project operation.

2009 – EQUIPMENT OPERATOR & EARTHWORK FOREMAN

CERTIFICATIONS

- OSHA 10
- National Safety Council CPR, First Aid, and AED



TODD GLOVER

ROLLER COMPACTED CONCRETE PLANT FOREMAN/OPERATOR

1737 Stout Drive
Ivylane, Pennsylvania 18974

T (215) 443-5553

C (267) 784-5531

E bobm@kcconstruct.com

EXPERIENCE SUMMARY

30 years' experience in heavy equipment maintenance and repair and concrete plant operation.

RELEVANT PROJECTS

2021-2022 – Rawson Hill Dam

- RCC – 2,700 CY

2021 – Beaver Creek Dam

- RCC – 4,500 CY

2019 – Donegal Lake Dam

- RCC – 6,000 CY

2017-2018 – Chapman Lake Dam

- RCC – 12,000 CY

2018 – Honey Lake Dam

- RCC – 6,000 CY

2015 – Speedwell Forge Lake Dam

- RCC – 12,000 CY

2013 – Lake Oneida Dam

- RCC – 15,000 CY

2012 – Picatinny Lake Dam

- RCC – 2,700 CY

2011 – Fawn Lake Dam

- RCC – 3,500 CY

2011 – Stillwater Lake Dam

- RCC – 4,000 CY

2010 – Roamingwood Lake Dam

- RCC – 15,000 CY

2010 – North Form Dam

- RCC – 4,400 CY

2010 – Toby Creek Impounding Basin

- RCC – 3,000 CY

EXPERIENCE

KC CONSTRUCTION CO., IVYLAND, PENNSYLVANIA

2005 TO PRESENT SUMMARY

Over 30 years' experience in heavy equipment preventative maintenance and repair specializing in the operation and maintenance of concrete plants.

2010 TO PRESENT – RCC PLANT FOREMAN

Responsible for RCC plant production, maintenance, and repair.

2008 TO PRESENT – HEAVY EQUIPMENT MECHANIC

CERTIFICATIONS

- OSHA 10
- National Safety Council CPR, First Aid, and AED
- Zimmerman Industries Concrete Mixer Training in Operation, Maintenance and Repair.