KC CONSTRUCTION CO.
1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

WHITE OAK POND
Design, Construct & Rehabilitate Dam

Project No. DGS A-0199-0090 Phase 1

TECHNICAL SUBMITTAL

CUSTOMER:

pennsylvania
DEPARTMENT OF GENERAL SERVICES

PENNSYLVANIA FISH & BOAT COMMISSION
Susan Stanisic, Proposal Coordinator
2nd Floor Arsenal Building
1800 Herr Street, Harrisburg, PA 17103

ENGINEER:

Schnabel ENGINEERING

SCHNABEL ENGINEERING, LLC
3 Dickinson Drive, Suite 200
Chadds Ford, PA 19317

PROPOSAL SUBMITTED BY:

KC CONSTRUCTION CO.
1737 Stout Drive, Ivyland, PA 18974
Proposal Contact:
Joel Baker
(267) 961-0949
joelb@kcconstruct.com

LEADERS IN DAM CONSTRUCTION AND REHABILITATION

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

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Project No. DGS C-0199-0090 Phase 1

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KC Construction Co.

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

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 1. Project Team Qualifications, Experience and Past Performance

T-1A Introduction to Project Team

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-1A Introduction to Project Team

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 waterstops**
- **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) 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.

KC Construction – Prime Contractor

KC Construction will serve as the Prime Contractor for this project, acting as the primary point of contact for the Pennsylvania Department of General Services (PA DGS), Pennsylvania Fish & Boat Commission, Schnabel Engineering, and all other oversight entities. As Prime Contractor, KC Construction will be responsible for the coordination, scheduling, and oversight of all in-house and subcontractor activities to ensure full compliance with the project schedule and contract requirements.

Our subcontractors are established industry professionals with proven experience in dam and flood control projects. Each has a history of successful collaboration with KC Construction, and the proposed project team includes no first-time partners, ensuring a cohesive and experienced workforce.

KC Construction will dedicate the following key personnel to this project:

- John V. Lima, PE – President
- Gino Yannuzzelli – Vice President
- Robert (Bobby) Machiesky Jr. – Senior Project Manager
- Chris Knash – Site Foreman

D 'Appolonia – Professional Engineering Subconsultant (Control of Water / Dewatering)

D 'Appolonia, the Engineering Division of Ground Technology, Inc., will serve as the professional engineering subconsultant for water control and dewatering services on the Marquette Lake Dam project. With a legacy dating back to 1956, D 'Appolonia is a client-focused firm providing multidisciplinary consulting engineering services to industrial and governmental clients across the United States and internationally.

Their core competencies include:

- Civil, geotechnical, and environmental engineering
- Geology and geophysics
- Hydrology and hydraulics

These capabilities have been successfully applied to a broad range of infrastructure and environmental projects, including:

- Foundations and earth retention systems
- Power generation facilities
- Transportation and infrastructure development
- Industrial and commercial site development
- Mining and waste management
- Dams and waterways

- Environmental engineering and geosciences
- Forensic engineering studies

D ‘Appolonia brings extensive experience in dam and waterway engineering, having completed over 200 projects involving earth and concrete-gravity dams. Their work spans applications such as:

- Water supply and hydroelectric power
- Flood control and river navigation
- Irrigation and recreation
- Tailings and sludge disposal

Their services have included dam safety inspections, embankment and hydraulic structure design, rehabilitation of existing dams, and construction monitoring. D ‘Appolonia has successfully delivered projects for private industry as well as federal, state, and local government agencies.

For this project, D ‘Appolonia commits the following key personnel:

- Robert M. Shusko, PE – Project Principal
- Aaron J. Antell, PE – Project Manager

History of Working Relationships

KC Construction also maintains a strong working relationship with D ‘Appolonia Engineering, who will provide cofferdam and dewatering design services for the rehabilitation of the primary spillway and dam embankment. Over the past five years, KC and D ‘Appolonia have collaborated on multiple PA DGS dam projects, including Meadow Grounds Lake Dam and Marquette Lake Dam, where D ‘Appolonia served as the design professional. This established partnership ensures seamless coordination and technical excellence.

Scope of Services and Materials to Be Provided

- Survey layout and utility notification
- Erosion and sediment control measures
- Clearing, grubbing, and stripping of designated areas
- Water control and diversion (cofferdam installation/removal, temporary stream diversion)
- Temporary laydown areas, parking, and access roads
- Excavation dewatering
- Demolition and removal of existing structures
- Subgrade preparation and drainage systems for concrete structures
- Construction of new cast-in-place concrete drop spillway and basin

- Installation of pedestrian bridge over spillway
- Spillway channel improvements (riprap lining)
- Embankment excavation and subgrade prep for outlet channel and drainage fill
- Installation of internal drain system and earthfill
- Approach channel improvements
- Installation of articulated concrete block (ACB) on upstream embankments
- Fine grading of embankment slopes
- Maintenance/removal of erosion control measures
- Permanent grass restoration
- Demobilization

Team Experience with Key Project Features

Spillway Construction
KC has extensive experience managing and constructing large spillways and watertight cast-in-place concrete structures. Our teams are certified by waterstop product manufacturers and consistently deliver projects with zero rework.

Sluice Gates & Gate Valves
KC has installed over 15 sluice gates and associated components (stems, guides, beams, operators) across various dam projects, demonstrating versatility across manufacturers and configurations.

Articulated Concrete Block (ACB) Installation
KC has installed over 1.5 million square feet of ACB systems in diverse site conditions. Their expertise and efficiency make them a preferred installer for major ACB suppliers.

Water Control & Dewatering
KC is proficient in installing temporary earthen, sheet pile, and porta-dam cofferdams, as well as bypass pumping systems. Performance complements this expertise with a deep understanding of integrated water control infrastructure.

Embankment Construction & Drainage Systems
KC has completed 32 earthen dam and levee rehabilitation projects in the past five years, adapting to varied engineering designs while meeting Dam Safety performance expectations.

Wetland Protection & Mitigation
KC has extensive experience in wetland protection, removal, replanting, and mitigation, including stream restoration projects requiring ecological sensitivity.

Demolition of Concrete Structures
KC routinely performs surgical demolition to preserve historic structures or manage water risks, successfully integrating new construction with existing dam facilities.

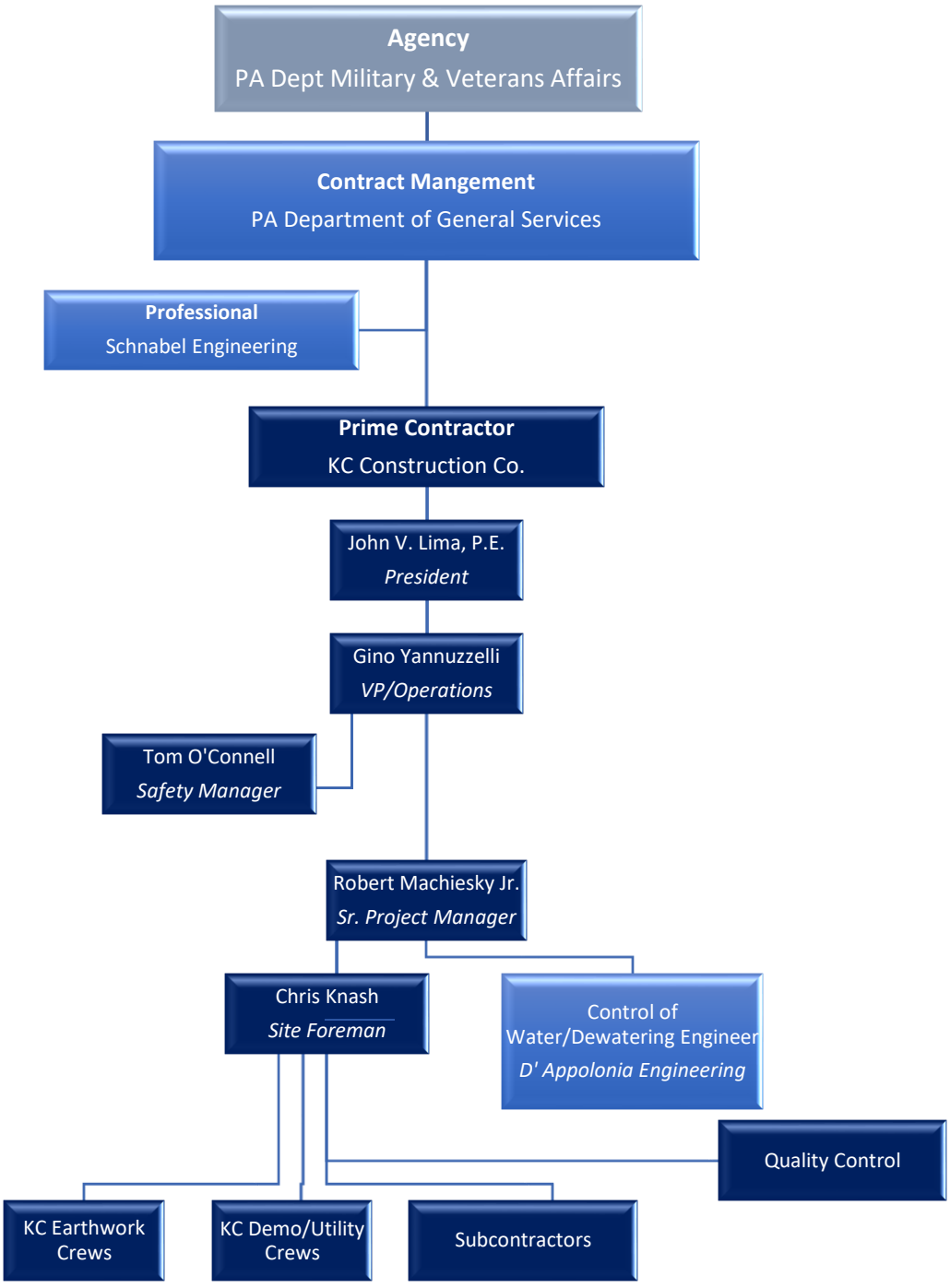
Excavated Material Handling & Screening
KC's experience in dam embankment excavation enables them to assess and process soils effectively. They own and partner with equipment suppliers to ensure optimal material handling.

Fabricated Bridges
KC has installed prefabricated pedestrian and vehicular bridges ranging from 20 to 80 feet, working closely with major bridge manufacturers and executing complex rigging operations.

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

PROJECT TEAM ORGANIZATION CHART



White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 1. Project Team Qualifications, Experience and Past Performance

T-1B Prime Contractor

(Appendix F)

KC Construction Co.

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

APPENDIX F

PRIME CONTRACTOR QUALIFICATION STATEMENT

COVER SHEET

DGS Project Name _____White Oak Pond Dam Rehabilitation_____

DGS Project Number ___DGS C-0199-0090 Phase 1_____

Check One:

_X_ Corporation,

__ Partnership,

__ Individual,

__ Joint Venture,

__ Other _____

Name of Firm ____KC Construction Co._____

Address_____1737 Stout Drive, Ivyland, PA 18974_____

Principal Office ___Same_____

Owner or Authorized Representative __Gino Yannuzzelli_____

SECTION 1 – INFORMATION ON FIRM

1.1 Background Information

a) How many years has the firm been in business? 42

b) How many years has the firm been doing business in proposed contract field? 38

Under what former names has the firm conducted business?
KC Engineering and Construction Company

c) Provide an **Attachment 1** to this Qualifications Statement identifying all jurisdictions in which the firm is licensed or otherwise qualified to do business. List and provide copies of any business or trade licenses, certificates or registrations (to the extent that they apply to the Contract Work) held by the firm.

d) If the firm is a corporation, provide the following information:

Date of incorporation October 17, 1983

State of incorporation Pennsylvania

President's name John V. Lima

Vice President's name(s) Gino Yannuzzelli

Secretary's name Gino Yannuzzelli

Treasurer's name

e) If the firm is a partnership, provide the following information: N/A

Date of formation

Type of partnership

Names of partners

f) If the firm is individually owned, provide the following information: N/A

Date of formation

Name of owner

g) If the form of the firm is other than those listed above, describe it and name the principals:
N/A

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year 2024 $ 16,183,908

Year 2023 $ 12,790,741

Year 2022 $ 16,618,240

b) Identify the percentage of work on similar projects the firm typically performs with its own work force 65%

c) List the categories of work that the firm normally performs with its own forces on similar projects.

2.2 Project Experience and References

Submit as **Attachment 2** to this Qualifications Statement:

a) Suggested number of Sheets/Pages:

- 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects that are similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

i. Name of project, type of project and location

ii. Description of the project and relevance of work to the Contract Work

iii. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and e-mail address.

iv. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.

v. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.

vi. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 3** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1:	2025	0.753
Year 2:	2024	0.987
Year 3:	2023	1.025

b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1: 2024 0

Year 2: 2023 0

Year 3: 2022 0

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1: 2024 0

Year 2: 2023 0

Year 3: 2022 0

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

d) Provide in an **Attachment 4** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

3.1 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity?

Yes ___ No X

3.2 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity?

Yes ___ No X

3.3 Has the firm been denied prequalification (not including short listing), declared non-responsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?

Yes ___ No X

3.4 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?

Yes ___ No X

3.5 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project?

Yes ___ No X

3.6 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?

Yes ___ No X

3.7 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?

Yes ___ No X

3.8 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?

Yes ___ No X

3.9 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?

Yes ___ No X

*Note: information regarding health and safety violations is addressed in a previous section.

3.10 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?

Yes ___ No X

3.11 Has the firm been the subject to any bankruptcy proceeding?

Yes ___ No X

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the representations and authorizations listed on the Proposal Signature page and in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.

4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.

4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.

4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.

4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.

4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.

4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

KC CONSTRUCTION CO.
1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

Appendix F

Attachment 1

List Of All Jurisdictions in where KC Construction Co. is Qualified to do Business.

1. Pennsylvania
    a. Pennsylvania Business License
    b. City of Philadelphia Contractors License
    c. Pennsylvania Department of General Services Small Business Certification
    d. PennDOT Pre-Qualification
2. New Jersey
    a. New Jersey Business Registration
    b. New Jersey Public Works Contractor Registration
    c. New Jersey Division of Property Management and Construction Certificate
3. Delaware
    a. State of Delaware Business License
4. Maryland
    a. State of Maryland Contractor's Business License
5. Virginia
    a. Commonwealth of Virginia Business License
6. Massachusetts
    a. Commonwealth of Massachusetts Foreign Corporation Certificate of Registration

Appendix F - Attachment 1

Pennsylvania Department of State

Bureau of Corporations and Charitable Organizations
PO Box 8722 | Harrisburg, PA 17105-8722
T:717-787-1057
dos.pa.gov/BusinessCharities

Regarding:	KC CONSTRUCTION CO.		
Request Type:	Subsistence Certificate	**Issuance Date:**	March 16, 2023
Request No.:	011569625	**File No.:**	0000785505
Receipt No.:	000421968		
Filing Type:	Domestic Business Corporation		
Filing Subtype:	Business		
Initial Filing Date:	October 17, 1983		
Status:	Active		

TO ALL WHOM THESE PRESENTS SHALL COME, GREETING:

I DO HEREBY CERTIFY THAT

KC CONSTRUCTION CO.

is currently subsisting on the records of the Department of State as of the issuance date herein.

I DO FURTHER CERTIFY THAT this Subsistence Certificate shall not imply that all fees, taxes and penalties owed to the Commonwealth of Pennsylvania are paid.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the seal of my office to be affixed, the day and year above written

Albert Schmidt
Acting Secretary of the Commonwealth

Verify this certificate online at www.file.dos.pa.gov

Appendix F - Attachment 2

SHEPPARD-MYERS DAM REHABILITATION

Hanover, York County, PA

OWNER:
THE BOROUGH OF HANOVER
HANOVER, PA
Eric Mains
(717) 797-4210 |
emains@hanoverboroughpa.gov

ENGINEER:
Gannett Fleming
Camp Hill, PA
Craig Snyder
(717) 886-5475 csnyder@gfnet.com

ORIGINAL CONTRACT PRICE
$10,846,975
FINAL CONTRACT PRICE
$10,484,164
CONTRACT COMPLETION DATE
August 2023
ACTUAL COMPLETION DATE
July 2023

PROJECT: **Sheppard-Myers Dam Rehabilitation**

LOCATION: Hanover, York County, PA

PROJECT TYPE: Dam Rehabilitation

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Sheppard-Myers Dam is a 38 ft high, 760 LF wide, high hazard classified earth embankment dam located in West Manheim Township, Pennsylvania. The Project consists of the rehabilitation of the existing Dam generally including:

- Installation and maintenance of control of water cofferdams and dewatering sumps and wells necessary to protect the work.
- Permanent storm drainage bypass.
- Regrading of the upstream reservoir approach channel
- Demolition, removal, and protection of existing concrete structures, masonry structures and other features designated for demolition.
- New reinforced watertight cast-in-place concrete auxiliary spillway structure.
- Modifications and repairs to the existing principal spillway intake tower including the removal of existing flap valve, removal of existing and installation of new gate valves, slide gates, and related appurtenances, installation of new trash racks, instrumentation, and controls.
- Concrete repairs and modifications to the existing principal spillway intake tower, pedestrian bridge, outlet conduit, outlet structure, and outlet channel.
- Removal of existing outlet structure and discharge channel.
- Masonry and concrete repairs.
- New reinforced concrete outlet conduit extension, outlet structure and outlet channel slab.
- Dam embankment modifications including toe drains, blanket drains, drainage filters and seepage collection systems.
- Installation and raising of Piezometers.
- Construction of abutment berm, parking lot, realigned site access road.
- Associated storm water management facilities and,
- Electrical improvements and monitoring instrumentation and associated controls.

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Bobby Machiesky | Project Manager & Surveyor

Steve Sickler | Site Superintendent

Appendix F -
Attachment 2

MEADOW GROUNDS LAKE DAM REHABILITATION

FULTON COUNTY, PA

OWNER:

PENNSYLVANIA

FISH & BOAT COMMISSION

Harrisburg, PA

Gerald Woomer, PE

(814) 359-5170

gwoomer@pa.gov

ENGINEER:

D'APPLONIA

DIVISION OF GROUND TECHNOLOGY, INC.

Pittsburgh, PA

Aaron Antell

(412) 229-1596

AJAntell@dappolonia.com

ORIGINAL CONTRACT PRICE

$5,090,000

FINAL CONTRACT PRICE

$ 5,172,623

CONTRACT COMPLETION DATE

April 2021

ACTUAL COMPLETION DATE

April 2021

Appendix F -
Attachment 2

PROJECT: **Meadow Grounds Lake Dam Rehabilitation**

LOCATION: Fulton County, PA

PROJECT TYPE: Rehabilitation of Existing Earthen Dam Appurtenant Structures

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Meadow Grounds Lake Dam is a 40 ft high, 950 LF wide, high hazard classified earth embankment dam located in Ayer Township, Fulton County, Pennsylvania. The Meadow Grounds Dam Rehabilitation 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/toe drain and conveyance system consisting of a sand and stone filter with PVC pipe and a sand chimney/blanket drain, flattening the downstream slope, and raising dam crest approximately 3.6 feet. Work activities include:

- Clearing, grubbing and stripping of topsoil in earthwork areas.
- Demolition and removal of the existing cast-in-place concrete spillway.
- Control of water cofferdams and dewatering to complete all construction activities.
- Excavation, subgrade preparation, placement of general and embankment fill.
- Construction of seepage collection and conveyance system that includes an aggregate chimney drain, aggregate blanket drain, aggregate abutment trench drain, and piping system for collection and controlled discharge of water.
- Construction of watertight concrete spillway, concrete spillway channel, and concrete stilling basin.
- Construction of permanent erosion protection ancillary to concrete spillway.
- Slip-lining and extension of existing concrete principal spillway conduit.
- Improvements to control tower including installing sluice gate and assemblies ancillary to the operation of the sluice gate.
- Installation and maintenance of all Erosion and Sedimentation Control features necessary for completion of the project.
- Installation of standpipe piezometers in dam embankment.
- Site restoration and revegetation.

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Derek Fuller, PE | Project Manager

Schnabel Engineering | Consulting Engineer

Chris Knash | Onsite Superintendent

Darren Rascher | Site Foreman

Appendix F - Attachment 2

KYLE LAKE DAM REHABILITATION

Washington Township, Jefferson County, PA

OWNER:
PENNSYLVANIA
FISH & BOAT COMMISSION
Harrisburg, PA
Gerald Woomer, PE
(814) 359-5170
gwoomer@pa.gov

ENGINEER:
Michael Baker International
Pittsburgh, PA
Edward Kaminiski
(412) 269-6218 ekaminiski@mbakerintl.com

ORIGINAL CONTRACT PRICE
$4,325,000
FINAL CONTRACT PRICE
$4,701,281
CONTRACT COMPLETION DATE
May 2019
ACTUAL COMPLETION DATE
May 2019

PROJECT: **Kyle Lake Dam Rehabilitation**

LOCATION: Washington Township, Jefferson County, PA

PROJECT TYPE: Dam Rehabilitation

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Kyle Lake Dam is a 33 ft high, 1,000 LF wide, high hazard classified earth embankment dam located in Washington Township, Jefferson County, Pennsylvania. The renovation of Kyle Lake Dam generally includes the armoring of the embankment with Articulated Concrete Block (ACB); partial demolition of the Auxiliary Spillway and Gate House; partial replacement of the Auxiliary Spillway and Gate House; and replacing the existing outlets works within the Gate House to meet current dam safety criteria. Work items include:

- Clearing, grubbing and stripping the site.
- Installing and maintaining control of water cofferdams and dewatering as necessary to protect the work.
- Removing and replacing the watertight cast-in-place concrete overlay slab and the exposed portions of the sidewalls in the Auxiliary Spillway.
- Excavating to prepare downstream embankment for installation of Articulated Concrete Block (ACB) revetment.
- Placing 93,670 SF of ACB revetment system at a slope of 2.75 Horizontal :1 Vertical on the downstream face and the toe of the embankment.
- Installing a 6-inch diameter collector drain system at the toe of the embankment.
- Removing the upper portion of the Gate House, removing the existing sluice gates and hoisting mechanism, installing four (4) new sluice gates and hoisting mechanism, removing and replacing the access steps and reconstructing the upper portion of the Gate House.
- Removing the two water intake pipes.
- Installing one new water intake pipe and abandoning the other.
- Covering the ACB surface with one (1) foot of soil to maintain the existing appearance of the dam.
- Installing new Piezometers.
- Repairing cracks and spalls in the concrete of the Primary Spillway and Gate House.
- Placement of scour protection downstream of the Primary Spillway and replacing Ford Crossing.

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Derek Fuller | Project Manager

Steve Sickler | Site Superintendent

Appendix F -
Attachment 3

THE Safegard GROUP, INC.

INSURANCE BROKERS AND CONSULTANTS

May 13th, 2025

KC Construction Company
Attn: Wayne Randall
1737 Stout Drive
Ivyland, PA 18974

Re: PA Workers Compensation Experience Modification Ratings
Policy Terms: 2025, 2024, 2023, 2022, 2021
Bureau file Number: 2663455

Dear Wayne:

This is to confirm that the 5 year history of Pennsylvania Experience Modification Rates are as follows:

Effective Date	Expiration Date	Experience Rating Modification
06/01/2025	06/01/2026	0.753
06/01/2024	06/01/2025	0.987
06/01/2023	06/01/2024	1.025
06/01/2022	06/01/2023	0.968
06/01/2021	06/01/2022	0.774

Should you have any questions or require additional information, please contact me.

Sincerely,

Jakob Margolis

Jakob Margolis
Sr. Account Analyst

100 Granite Drive – Suite 205 – Media, PA 19063
OFFICE 610-892-7688 – FAX 610-892-7695
www.safegardgroup.com

Appendix F - Attachment 3

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2024

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of… (M)			
(1) Injury	0	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Establishment information

Your establishment name: KC Construction Co.

Street: 1737 Stout Drive

City: Ivyland State: PA Zip: 18974

Industry description (e.g., Manufacture of motor truck trailers)
Construction

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
2 3 7 1 1 0

Employment information

Annual average number of employees: 27

Total hours worked by all employees last year: 53,158

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Company Executive

Vice President
Title

215-443-5553
Phone

1/3/2025
Date

Appendix F - Attachment 3

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2024

U.S. Department of Labor
Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176

Establishment name: KC Construction Co.

City: Ivyland State: PA

Identify the person			Describe the case			Classify the case											
						CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:					
								Remained at work				(M)					
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Death (G)	Days away from work (H)	Job transfer or restriction (I)	Other record-able cases (J)	Away From Work (days) (K)	On job transfer or restriction (days) (L)	Injury (1)	Skin Disorder (2)	Respiratory Condition (3)	Poisoning (4)	Hearing Loss (5)	All other illnesses (6)
	None																
					Page totals	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Injury (1) | Skin Disorder (2) | Respiratory Condition (3) | Poisoning (4) | Hearing Loss (5) | All other illnesses (6)

Appendix F - Attachment 3

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2023

U.S. Department of Labor
Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176

Establishment name KC Construction Co.

City Ivyland State PA

Identify the person			Describe the case			Classify the case											
						CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:					
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Death	Days away from work	Remained at work		Away From Work (days)	On job transfer or restriction (days)	(M) Injury	Skin Disorder	Respiratory Condition	Poisoning	Hearing Loss	All other illnesses
								Job transfer or restriction	Other record-able cases								
						(G)	(H)	(I)	(J)	(K)	(L)	(1)	(2)	(3)	(4)	(5)	(6)
	None																
					Page totals	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Appendix F - Attachment 3

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2023

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of… (M)			
(1) Injury	0	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Establishment information

Your establishment name: KC Construction Co.

Street: 1737 Stout Drive

City: Ivyland State: PA Zip: 18974

Industry description (e.g., Manufacture of motor truck trailers)
Construction

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
2 3 7 1 1 0

Employment information

Annual average number of employees: 28

Total hours worked by all employees last year: 54,913

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Company Executive

Vice President
Title

215-443-5553
Phone

1/3/2024
Date

Appendix F - Attachment 3

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2022

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of… (M)			
(1) Injury	0	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Establishment information

Your establishment name KC Construction Co.

Street 1737 Stout Drive

City Ivyland State PA Zip 18974

Industry description (e.g., Manufacture of motor truck trailers)
Construction

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
2 3 7 1 1 0

Employment information

Annual average number of employees 33

Total hours worked by all employees last year 63,214

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Company executive

Vice President
Title

215-443-5553
Phone

1/31/2023
Date

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 1. Project Team Qualifications, Experience and Past Performance

T-1C Critical Work

(Appendix G)

KC Construction Co.

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

APPENDIX G

DESIGNATED CRITICAL WORK QUALIFICATIONS STATEMENT

APPENDIX G
DESIGNATED CRITICAL WORK
QUALIFICATIONS STATEMENT

COVER SHEET

DGS Project Name White Oak Pond Dam Rehabilitation

DGS Project Number DGS C-0199-0090 Phase 1

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer MUST submit at least one "Designated Critical Work Qualification Statement" for each Work item listed in T-1C for the respective contract. NOTE: The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C.

Check One Work item for which this Qualification Statement is being submitted:

General Construction (.1 contract)

_X_ Cast-in-place concrete for watertight hydraulic & marine structures
_X_ Sluice Gate, gate valve, gate operator stem, guides and gearbox mounting beam
_X_ Articulated Concrete Block (ACB)
_X_ Water Control, including Dewatering & Diversion of Water
_X_ Drainage Filters & Seepage Collection Systems

Name of Firm KC Construction Co.

Address 1737 Stout Drive, Ivyland, PA 18974

Principal Office Same

Owner or Authorized Representative Gino Yannuzzelli

SECTION 1 – FIRM INFORMATION

1.1 Background Information

a) How many years has the firm been in business? 42

b) How many years has the firm been doing business in proposed contract field? 38

Under what former names has the firm conducted business?

KC Engineering and Construction Company

c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.

Pennsylvania, New Jersey, Delaware, Maryland, Virginia, Massachusetts

d) If the firm is a corporation, provide the following information:

Date of incorporation: October 17, 1983

State of incorporation: Pennsylvania

President's name: John V. Lima

Vice President's name(s): Gino Yannuzzelli

Secretary's name: Gino Yannuzzelli

Treasurer's name: John V. Lima

e) If the firm is a partnership, provide the following information: N/A

Date of formation: _____

Type of partnership: _____

Names of partners: _____

f) If the firm is individually owned, provide the following information: N/A

Date of formation: _____

Name of owner: _____

g) If the form of the firm is other than those listed above, describe it and name the principals: N/A

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year 2024 $ 16,183,908

Year 2023 $ 12,790,741

Year 2022 $ 16,618,240

b) Identify the percentage of work on similar projects the firm typically performs with its own work force 65%

c) List the categories of work that the firm normally performs with its own forces on similar projects. Earthwork, Drainage Fill, Utilites, E&S, Clearing, Concrete, Mechanical (pipe, Sluice Gates, Valves, Demolition, ACB's

2.2 Project Experience and References

Submit as **Attachment 1** to this Qualifications Statement:

a) Suggested number of Sheets/Pages:

- 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

vii. Name of project, type of project and location

viii. Description of the project and relevance of work to the Contract Work

ix. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and e-mail address.

x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.

xi. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.

xii. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 2** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1: 2025 0.753

Year 2: 2024 0.987

Year 3: 2023 1.025

b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1: 2024 0

Year 2: 2023 0

Year 3: 2022 0

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1: 2024 0

Year 2: 2023 0

Year 3: 2022 0

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

d) Provide in an **Attachment 3** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity?

Yes ___ No X

3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity?

Yes ___ No X

3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity?

Yes ___ No X

3.4 Has the firm been denied prequalification (not including short listing), declared non-responsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?

Yes ___ No X

3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?

Yes ___ No X

3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project?

Yes ___ No X

3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?

Yes ___ No X

3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?

Yes ___ No X

3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?

Yes ___ No X

3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?

Yes ___ No X

*Note: information regarding health and safety violations is addressed in a previous section.

3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?

Yes ___ No X

3.12 Has the firm been the subject to any bankruptcy proceeding?

Yes ___ No X

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the other representations and authorizations listed in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.

4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.

4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.

4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.

4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.

4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.

4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

APPENDIX H

PLANS
(E-BUILDER DOCUMENT FOLDER)

KC CONSTRUCTION CO.
1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

KC CONSTRUCTION CO.
APPENDIX G – ATTACHMENT 1
DESIGNATED CRITICAL WORK
PAST PROJECT EXPERIENCE MATRIX

Projects	Sheppard-Myers Dam Rehab	Montour Ash Basin Spillway	Meadow Grounds Lake Rehab	Harrisburg Int'l Airport Flood Dikes	Kyle Lake Dam Renovations	Ashland Dam Raising	Ricketts Glen State Park - Replace Control Tower	East Stoudsburg Dam Rehab
Designated Critical Work								
Cast-in place concrete for watertight hydraulic & marine structures						X	X	X
Sluice gate, gate valve, gate operator stem, guides and gearbox mounting beam	X		X		X	X	X	X
Articulated Concrete Block (ACB)		X		X	X			X
Water Control, including Dewatering & Diversion of Water	X	X	X	X	X	X	X	X
Drainage Filters & Seepage Collection Systems	X		X		X	X		X

Project profiles for the above referenced jobs are attached hereto.

Appendix G - Attachment 1
KC Construction Co.

SHEPPARD-MYERS DAM REHABILITATION

Hanover, York County, PA

OWNER:
THE BOROUGH OF HANOVER
HANOVER, PA
Eric Mains
(717) 797-4210 |
emains@hanoverboroughpa.gov

ENGINEER:
Gannett Fleming
Camp Hill, PA
Craig Snyder
(717) 886-5475 csnyder@gfnet.com

ORIGINAL CONTRACT PRICE
$10,846,975
FINAL CONTRACT PRICE
$10,484,164
CONTRACT COMPLETION DATE
August 2023
ACTUAL COMPLETION DATE
July 2023

PROJECT: **Sheppard-Myers Dam Rehabilitation**

LOCATION: Hanover, York County, PA

PROJECT TYPE: Dam Rehabilitation

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Sheppard-Myers Dam is a 38 ft high, 760 LF wide, high hazard classified earth embankment dam located in West Manheim Township, Pennsylvania. The Project consists of the rehabilitation of the existing Dam generally including:

- Installation and maintenance of control of water cofferdams and dewatering sumps and wells necessary to protect the work.
- Permanent storm drainage bypass.
- Regrading of the upstream reservoir approach channel
- Demolition, removal, and protection of existing concrete structures, masonry structures and other features designated for demolition.
- New reinforced watertight cast-in-place concrete auxiliary spillway structure.
- Modifications and repairs to the existing principal spillway intake tower including the removal of existing flap valve, removal of existing and installation of new gate valves, slide gates, and related appurtenances, installation of new trash racks, instrumentation, and controls.
- Concrete repairs and modifications to the existing principal spillway intake tower, pedestrian bridge, outlet conduit, outlet structure, and outlet channel.
- Removal of existing outlet structure and discharge channel.
- Masonry and concrete repairs.
- New reinforced concrete outlet conduit extension, outlet structure and outlet channel slab.
- Dam embankment modifications including toe drains, blanket drains, drainage filters and seepage collection systems.
- Installation and raising of Piezometers.
- Construction of abutment berm, parking lot, realigned site access road.
- Associated storm water management facilities and,
- Electrical improvements and monitoring instrumentation and associated controls.

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Bobby Machiesky | Project Manager & Surveyor

Steve Sickler | Site Superintendent

MONTOUR ASH BASIN A.C.B. SPILLWAY

Washingtonville, Montour County, PA

OWNER:
TALEN ENERGY
Allentown, PA
Benjamin Wilburn
(610) 601-0320 |
Benjamin.Wilburn@talenenergy.com

ENGINEER:
Gannett Fleming
Camp Hill, PA
Joshua Hanes, PE
(717) 886-5432 jahnes@gfnet.com

ORIGINAL CONTRACT PRICE
$350,778
FINAL CONTRACT PRICE
$360,976
CONTRACT COMPLETION DATE
November 2020
ACTUAL COMPLETION DATE
November 2020

PROJECT: **Montour Ash Basin Articulated Concrete Block (ACB) Spillway**

LOCATION: Washingtonville, Montour County, PA

PROJECT TYPE: A.C.B. Spillway

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Montour Ash Basin is an earthen basin located at Talen Energy's steam electricity plant located in Montour County, PA. The work generally consisted of installing a new Articulated Concrete Block (A.C.B) spillway with associated filter drainage to meet current requirements of the Pennsylvania Department of Environmental Protection (PA DEP). Work items include:

- Excavation and reconstruction to final grade of an overtopping section and gravel roadway.
- Armoring of the downstream face of dam embankment with 28,000 sf of articulated concrete blocks (ACB), including all required excavation, subgrade preparation, aggregate, cellular confinement system, geotextile, and block system installation.
- Restoring aggregate access roads.
- Installation and maintenance of temporary erosion control and sediment removal facilities.
- Site restoration including placement of topsoil, seed, and mulch.

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Bobby Machiesky | Project Manager & Surveyor

Steve Sickler | Site Superintendent

MEADOW GROUNDS LAKE DAM REHABILITATION

FULTON COUNTY, PA

OWNER:
PENNSYLVANIA
FISH & BOAT COMMISSION
Harrisburg, PA
Gerald Woomer, PE
(814) 359-5170
gwoomer@pa.gov

ENGINEER:
D'APPLONIA
DIVISION OF GROUND TECHNOLOGY, INC.
Pittsburgh, PA
Aaron Antell
(412) 229-1596
AJAntell@dappolonia.com

ORIGINAL CONTRACT PRICE
$5,090,000
FINAL CONTRACT PRICE
$ 5,172,623
CONTRACT COMPLETION DATE
April 2021
ACTUAL COMPLETION DATE
April 2021

PROJECT: **Meadow Grounds Lake Dam Rehabilitation**

LOCATION: Fulton County, PA

PROJECT TYPE: Rehabilitation of Existing Earthen Dam Appurtenant Structures

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Meadow Grounds Lake Dam is a 40 ft high, 950 LF wide, high hazard classified earth embankment dam located in Ayer Township, Fulton County, Pennsylvania. The Meadow Grounds Dam Rehabilitation 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/toe drain and conveyance system consisting of a sand and stone filter with PVC pipe and a sand chimney/blanket drain, flattening the downstream slope, and raising dam crest approximately 3.6 feet. Work activities include:

- Clearing, grubbing and stripping of topsoil in earthwork areas.
- Demolition and removal of the existing cast-in-place concrete spillway.
- Control of water cofferdams and dewatering to complete all construction activities.
- Excavation, subgrade preparation, placement of general and embankment fill.
- Construction of seepage collection and conveyance system that includes an aggregate chimney drain, aggregate blanket drain, aggregate abutment trench drain, and piping system for collection and controlled discharge of water.
- Construction of watertight concrete spillway, concrete spillway channel, and concrete stilling basin.
- Construction of permanent erosion protection ancillary to concrete spillway.
- Slip-lining and extension of existing concrete principal spillway conduit.
- Improvements to control tower including installing sluice gate and assemblies ancillary to the operation of the sluice gate.
- Installation and maintenance of all Erosion and Sedimentation Control features necessary for completion of the project.
- Installation of standpipe piezometers in dam embankment.
- Site restoration and revegetation.

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Derek Fuller, PE | Project Manager

Schnabel Engineering | Consulting Engineer

Chris Knash | Onsite Superintendent

Darren Rascher | Site Foreman

Appendix G - Attachment 1
KC Construction Co.

IMPROVE DRAINAGE - REHABILITATE FLOOD DIKE

Middletown, Dauphin County, PA

OWNER:
SUSQUEHANNA AREA REGIONAL AIRPORT AUTHORITY (SRAA)
Harrisburg International Airport
Dave Spaulding
(717) 554-4398 | dspaulding@sraa.org

ENGINEER:
Urban Engineers (Aviation Division)
Baltimore, MD
Eric DeDominicis
(443) 780-0030
ejdedominicis@urbanengineers.com

ORIGINAL CONTRACT PRICE
$20,204,583.80
FINAL CONTRACT PRICE
$ 20,204,583.80
CONTRACT COMPLETION DATE
December 2021
ACTUAL COMPLETION DATE
November 2021

KC Construction Company
1737 Stout Drive, Ivyland, PA 18974
215-443-5553

PROJECT: **HIA Improve Drainage - Rehabilitate Flood Dike**

LOCATION: Dauphin County, PA

PROJECT TYPE: Rehabilitate Flood Dike – Articulated Concrete Block

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The work is to include all labor, material, tools, equipment, insurances, taxes, engineering, materials handling and transport required for the removal and disposal of all vegetation, demolition and removal of all existing riprap, the regrading, re-tooling and compaction of embankments, the placement of Articulated Concrete Block (ACB) System and bedding stone, riprap access ways for HIA maintenance equipment, rehabilitation of existing riprap toe, the repaving of the existing maintenance walkway and other miscellaneous items as indicated in the contract documents. Also included are all temporary measures required to perform the work including but not limited to erosion control, road maintenance, dust control, maintenance of traffic and protection of existing structures. There will be back filling, grading, seeding and mulching required. Work activities 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
- Other miscellaneous items - erosion control, road maintenance, dust control, traffic control, 24/7 site security
- MBE/WBE Participation: 24%

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Derek Fuller, PE | Sr. Project Manager

Bobby Machiesky | Project Manager & Surveyor

KYLE LAKE DAM REHABILITATION

Washington Township, Jefferson County, PA

OWNER:
PENNSYLVANIA
FISH & BOAT COMMISSION
Harrisburg, PA
Gerald Woomer, PE
(814) 359-5170
gwoomer@pa.gov

ENGINEER:
Michael Baker International
Pittsburgh, PA
Edward Kaminiski
(412) 269-6218 ekaminiski@mbakerintl.com

ORIGINAL CONTRACT PRICE
$4,325,000
FINAL CONTRACT PRICE
$4,701,281
CONTRACT COMPLETION DATE
May 2019
ACTUAL COMPLETION DATE
May 2019

PROJECT: **Kyle Lake Dam Rehabilitation**

LOCATION: Washington Township, Jefferson County, PA

PROJECT TYPE: Dam Rehabilitation

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Kyle Lake Dam is a 33 ft high, 1,000 LF wide, high hazard classified earth embankment dam located in Washington Township, Jefferson County, Pennsylvania. The renovation of Kyle Lake Dam generally includes the armoring of the embankment with Articulated Concrete Block (ACB); partial demolition of the Auxiliary Spillway and Gate House; partial replacement of the Auxiliary Spillway and Gate House; and replacing the existing outlets works within the Gate House to meet current dam safety criteria. Work items include:

- Clearing, grubbing and stripping the site.
- Installing and maintaining control of water cofferdams and dewatering as necessary to protect the work.
- Removing and replacing the watertight cast-in-place concrete overlay slab and the exposed portions of the sidewalls in the Auxiliary Spillway.
- Excavating to prepare downstream embankment for installation of Articulated Concrete Block (ACB) revetment.
- Placing 93,670 SF of ACB revetment system at a slope of 2.75 Horizontal :1 Vertical on the downstream face and the toe of the embankment.
- Installing a 6-inch diameter collector drain system at the toe of the embankment.
- Removing the upper portion of the Gate House, removing the existing sluice gates and hoisting mechanism, installing four (4) new sluice gates and hoisting mechanism, removing and replacing the access steps and reconstructing the upper portion of the Gate House.
- Removing the two water intake pipes.
- Installing one new water intake pipe and abandoning the other.
- Covering the ACB surface with one (1) foot of soil to maintain the existing appearance of the dam.
- Installing new Piezometers.
- Repairing cracks and spalls in the concrete of the Primary Spillway and Gate House.
- Placement of scour protection downstream of the Primary Spillway and replacing Ford Crossing.

PROJECT TEAM:

John Lima, PE | President

Gino Yannuzzelli | VP/Operations

Derek Fuller | Project Manager

Steve Sickler | Site Superintendent

ASHLAND RESERVOIR DAM RAISING PROJECT

SCHUYKILL COUNTY, PA

OWNER:

ASHLAND AREA MUNICIPAL AUTHORITY

Borough of Ashland, PA

Borough Engineer – Alfred Benesch & Company – Jennifer Kowalonek, PE

(570) 622-4056

jkowalonek@benesch.com

ENGINEER:

ALFRED BENESCH & COMPANY

Pottsville, PA

Jennifer Kowelonek, PE

(57) 622-4056

jkowalonek@benesch.com

ORIGINAL CONTRACT PRICE

$1,075,450

FINAL CONTRACT PRICE

$ 1,235,533

CONTRACT COMPLETION DATE

June 2016

ACTUAL COMPLETION DATE

June 2016

PROJECT: **Ashland Reservoir Dam Raising Project**

LOCATION: Schuylkill County, PA

PROJECT TYPE: Rehabilitation and Raising of Existing Earthen Dam Appurtenant Structures

PROJECT ROLE: Prime Contractor

DESCRIPTION OF PROJECT:

The Ashland Dam is a 76 ft high, 410 LF, high hazard classified earthen embankment dam located in the Township of Butler, Schuylkill County, Pennsylvania. The dam is situated on the 410-acre-foot Ashland Reservoir. The reservoir is a drinking water reservoir owned and operated by The Ashland Area Municipal Authority. The Ashland Dam Raising project included: the construction of a new parapet wall and earth fill raising of the dam; concrete repairs to the existing spillway; installation of new embankment drainage; and modifications to the low-level outlet works in the wet. The reservoir was partially lowered, and supply to the municipal water plant was maintained throughout the project with limited shutdowns to allow the low-level outlet work to take place. Work activities include:

- Clearing, grubbing and stripping of topsoil in earthwork areas.
- Installation and maintenance of erosion control measures
- Control of water to complete all construction activities. Bypass pumping and piping to handle storm flows.
- Construction of new hydraulic cast-in-place, reinforced, concrete parapet wall with waterstop at top of dam.
- Concrete repairs to existing concrete hydraulic spillway structure
- Excavation, subgrade preparation, placement of general and embankment fill.
- Removal of existing embankment drainage system.
- Design and installation of dewatering sumps where required for embankment work
- Excavation and installation of embankment seepage collection and conveyance system that includes an aggregate and sand abutment trench drain, and piping system for collection and controlled discharge of water through new precast seepage monitoring pits.
- Low level outlet works modification including the underwater installation of new submerged butterfly valves, intake drum screens, and pneumatic actuators.
- Site restoration and revegetation.

PROJECT TEAM:

John Lima, PE | Vice President

Gino Yannuzzelli | Operations Manager

Derek Fuller | Project Manager

Chris Knash | Onsite Superintendent & Surveyor

Darren Rascher | Site Foreman

Appendix G - Attachment 1
KC Construction Co.

RICKETT'S GLEN STATE PARK

REPLACE DAM CONTROL TOWER

LUZERNE COUNTY, PA

OWNER:
PENNSYLVANIA DCNR
PO BOX 8451
Mechanicsburg, PA 17105
Ed Raptosh
(717) 787-5055

ENGINEER:
PENNSYLVANIA DCNR
PO BOX 8451
Mechanicsburg, PA 17105
Ed Raptosh
(717) 787-5055

ORIGINAL CONTRACT PRICE
$426,340
FINAL CONTRACT PRICE
$440,764

ORIGINAL COMPLETION DATE
DECEMBER 2015
ACTUAL COMPLETION DATE
DECEMBER 2015

KC Construction Company
1737 Stout Drive, Ivyland, PA 18974
215-443-5553

PROJECT: Rickett's Glen State Park – Replace Dam Control Towner

PROJECT TYPE: Removal and replacement of an existing dam control tower with 2 new sluice gates

LOCATION: Luzerne County, PA

DESCRIPTION OF PROJECT:

- Divert and remove all streamflow, surface water and groundwater from the work area, as needed, to complete construction.
- Removal of the existing concrete control tower structure, concrete wingwalls and footings, sluice gate, piping, trash racks and all other related metalwork.
- Spreading and compaction of fill material, rolled embankment, required for the reconstruction of the dam embankment.
- Construction of new reinforced concrete walls, with PVC waterstop, for Hydraulic control tower and intake structures, reinforced concrete footing, with waterstop for hydraulic intake structure, and a reinforced concrete slab for the control tower structure.
- Concrete resurfacing repairs and repair of all cracked and spalled concrete along the walls of the spillway and spillway bridge structure and the walls of the outlet conduit structure.
- Installation of a new sluice gate assembly including gate frame, guides, operating stem, stem guides, floor mounted gate operator, and all hardware.
- Install stainless steel ladder rungs on the exterior of the new control tower structure and inside the new concrete control tower structure.
- Replace the hand-laid stone along the upstream embankment of the dam which was removed during excavation of the embankment and removal of the existing structure.
- Landscaping (topsoil, seed, fertilizer, and mulch) for all areas disturbed during construction.

Appendix G - Attachment 1
KC Construction Co.

EAST STROUDSBURG DAM

CONTRACT No. 1 – EMBANKMENT STABILIZATION & SPILLWAY & OUTLET WORKS REHABILITATION

MONROE COUNTY, PA

OWNER:
BOROUGH OF EAST STROUDSBURG
PO Box 303
24 Analomink Street
East Stroudsburg, PA 18301

ENGINEER:
R.K.R. HESS ASSOCIATES, INC.
112 North Courtland Street
PO Box 268
East Stroudsburg, PA 18301
Wayne Gross
(570) 421-1550

ORIGINAL CONTRACT PRICE
$2,720,667
FINAL CONTRACT PRICE
$2,868,989

ORIGINAL COMPLETION DATE
AUGUST 2012
ACTUAL COMPLETION DATE
AUGUST 2012

KC Construction Company
1737 Stout Drive, Ivyland, PA 18974
215-443-5553

PROJECT: East Stroudsburg Dam Contract No. – Embankment Stabilization & Spillway & Outlet Works Rehabilitation

PROJECT TYPE: Rehabilitation of Existing Dam, Spillway, & Outlet Works

LOCATION: East Stroudsburg, Monroe County, PA

DESCRIPTION OF PROJECT:

- Rehabilitation of Existing Earthen Dam approximately 750' in length by 40' high with wetlands including the installation of a cofferdam to divert water from existing spillway
- Installation and monitoring of a siphon to lower reservoir level
- Installation of 6" and 8.5" articulated concrete block (78,000 SF and 16,000 SF) overtopping protection on the crest and downstream slope of the embankment
- Demolition of the existing concrete spillway
- Cast-in-Place concrete hydraulic spillway (approximately 325 LF x 20 LF ~500 CY of concrete) with all necessary waterstop details as required
- Replacement of the 24" outlet sluice gate along with repairs to the gate stems, ladder access and other appurtenances
- Installation of 60" x 66" Rodney Hunt Aluminum Stop Log System with 6" logs
- Installation of a stabilizing berm at the toe of the dam
- Installation of relief wells and a drainage system to lower the phreatic water surface at the toe of the dam.

Appendix G - Attachment 2
KC Construction Co.

THE Safegard GROUP, INC.

INSURANCE BROKERS AND CONSULTANTS

May 13th, 2025

KC Construction Company
Attn: Wayne Randall
1737 Stout Drive
Ivyland, PA 18974

Re: PA Workers Compensation Experience Modification Ratings
Policy Terms: 2025, 2024, 2023, 2022, 2021
Bureau file Number: 2663455

Dear Wayne:

This is to confirm that the 5 year history of Pennsylvania Experience Modification Rates are as follows:

Effective Date	Expiration Date	Experience Rating Modification
06/01/2025	06/01/2026	0.753
06/01/2024	06/01/2025	0.987
06/01/2023	06/01/2024	1.025
06/01/2022	06/01/2023	0.968
06/01/2021	06/01/2022	0.774

Should you have any questions or require additional information, please contact me.

Sincerely,

Jakob Margolis

Jakob Margolis
Sr. Account Analyst

100 Granite Drive – Suite 205 – Media, PA 19063
OFFICE 610-892-7688 – FAX 610-892-7695
www.safegardgroup.com

Appendix G - Attachment 2
KC Construction Co.

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2024

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of… (M)			
(1) Injury	0	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Establishment information

Your establishment name: KC Construction Co.

Street: 1737 Stout Drive

City: Ivyland State: PA Zip: 18974

Industry description (e.g., Manufacture of motor truck trailers): Construction

Standard Industrial Classification (SIC), if known (e.g., SIC 3715):

OR North American Industrial Classification (NAICS), if known (e.g., 336212): 2 3 7 1 1 0

Employment information

Annual average number of employees: 27

Total hours worked by all employees last year: 53,158

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Company Executive

Vice President
Title

215-443-5553
Phone

1/3/2025
Date

Appendix G - Attachment 2
KC Construction Co.

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2024

U.S. Department of Labor
Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176

Establishment name KC Construction Co.

City Ivyland State PA

Identify the person			Describe the case			Classify the case											
						CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:					
								Remained at work				(M)					
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Death (G)	Days away from work (H)	Job transfer or restriction (I)	Other record-able cases (J)	Away From Work (days) (K)	On job transfer or restriction (days) (L)	Injury (1)	Skin Disorder (2)	Respiratory Condition (3)	Poisoning (4)	Hearing Loss (5)	All other illnesses (6)
	None																
					Page totals	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Injury (1) | Skin Disorder (2) | Respiratory Condition (3) | Poisoning (4) | Hearing Loss (5) | All other illnesses (6)

Appendix G - Attachment 2
KC Construction Co.

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2023

U.S. Department of Labor
Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176

Establishment name KC Construction Co.

City Ivyland State PA

Identify the person			Describe the case			Classify the case											
						CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:					
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	Death	Days away from work	Remained at work		Away From Work (days)	On job transfer or restriction (days)	(M) Injury	Skin Disorder	Respiratory Condition	Poisoning	Hearing Loss	All other illnesses
								Job transfer or restriction	Other record-able cases								
						(G)	(H)	(I)	(J)	(K)	(L)	(1)	(2)	(3)	(4)	(5)	(6)
	None																
					Page totals	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Injury | Skin Disorder | Respiratory Condition | Poisoning | Hearing Loss | All other illnesses

(1) (2) (3) (4) (5) (6)

Appendix G - Attachment 2
KC Construction Co.

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2023

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of… (M)			
(1) Injury	0	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Establishment information

Your establishment name: KC Construction Co.

Street: 1737 Stout Drive

City: Ivyland State: PA Zip: 18974

Industry description (e.g., Manufacture of motor truck trailers)
Construction

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
2 3 7 1 1 0

Employment information

Annual average number of employees: 28

Total hours worked by all employees last year: 54,913

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Company Executive

Vice President
Title

215-443-5553
Phone

1/3/2024
Date

Appendix G - Attachment 2
KC Construction Co.

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 2022

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of… (M)			
(1) Injury	0	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Establishment information

Your establishment name KC Construction Co.

Street 1737 Stout Drive

City Ivyland State PA Zip 18974

Industry description (e.g., Manufacture of motor truck trailers)
Construction

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
2 3 7 1 1 0

Employment information

Annual average number of employees 33

Total hours worked by all employees last year 63,214

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Company executive

Vice President
Title

215-443-5553
Phone

1/31/2023
Date

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

SECTION 2.
Project Management Team

KC Construction Co.

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

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 2. Project Management Plan

T-2A Project Management Team

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-2A: Project Management Team

KC Construction Co.

- **John V. Lima, PE** – *President / Geotechnical Engineer*
  Mr. Lima brings over 45 years of geotechnical field experience. He serves as KC's internal QA/QC resource, applying his engineering expertise and field knowledge to resolve complex site conditions and ensure project continuity.
- **Gino Yannuzzelli** – *Vice President*
  With 30 years of experience, Mr. Yannuzzelli oversees KC's field operations. He manages project manpower and equipment coordination, supervises project managers and superintendents, and reports directly to Mr. Lima.
- **Robert (Bobby) Machiesky Jr.** – *Senior Project Manager*
  Mr. Machiesky has over 20 years of hands-on experience in civil construction, including dam rehabilitation and flood control. He is responsible for daily project management, including scheduling, submittals, RFIs, and change order administration. Reports to Mr. Yannuzzelli.
- **Chris Knash** – *Project Site Foreman*
  With over 40 years of experience, Mr. Knash supervises KC's onsite crews and subcontractors. He ensures trade coordination, problem-solving, and compliance with quality control standards. His expertise spans watertight concrete structures, dams, and flood control projects. Reports to Mr. Machiesky.

D 'Appolonia Engineering

- **Robert M. Shusko, PE** – *Project Principal – Water Control & Dewatering Consultant*
  Mr. Shusko is a senior technical expert with extensive experience in dam and waterway projects. He will collaborate with KC's engineering team to develop site-specific water control and dewatering systems. Reports to KC Project Managers.
- **Aaron J. Antell, PE** – *Project Manager – Water Control & Dewatering Consultant*
  Mr. Antell has over 16 years of experience in dam rehabilitation, geotechnical design, and seepage control. He will lead D 'Appolonia's team, manage work plans, oversee quality control, monitor site safety, and provide recommendations to optimize schedule, cost, and performance.

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 PENNSYLVANIA, 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. PROCREMENT 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)

ROBERT MACHIESKY

PROJECT 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

2025 – Belmont Lake Dam
2025 – Marquette Lake Dam
2023 – Dunmore No.7 Dam
2023 – Lake Montrose Dam
2022-2023 – Shikellamy Fish Passage
2021-2023 – Sheppard Myers Dam
2022 – Upper Birchwood Lake Dam
2021-2022 – Rawson Hill Dam
2021 – Beaver Creek Dam
2020 – Montour Ash Basin Spillway
2020 – Harrisburg Airport Levee
2019-2020 – Pecks Pond Dam
2019 – Donegal Lake Dam
2017-2018 – Chapman Lake Dam
2017-2018 – Lake Scranton Dam
2016-2017 – Bear Gap Dam
2016-2017 – Silver Lake Dam
2016 – Glade Run Lake Dam
2015 – Speedwell Forge Lake Dam
2014 – Swimming River Reservoir
2013-2014 – Delaware Bay Dikes
2013 – Kauffman Dam

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.

2005 TO PRESENT – IN-HOUSE SURVEYOUR

Robert is also the surveyor for most of KC's projects. Responsible for construction layout, location verification, topographic surveys, quantity measurements, and as-built documentation as a PLS.

2016 TO PRESENT – PROJECT MANAGER

Responsible for: the development of job costs and project schedule; buyout of subcontracts and materials; submit product data and shop drawings as required; coordinate all work and schedule with onsite project superintendent; initiate and submit all requests for information and requests for change orders; coordinate and attend project meetings with the owner and engineer; update job costs and schedules; and provide monthly project status updates to company principals.

2010 TO 2016 – PROJECT, RCC, AND ACB SUPERINTENDENT

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 subcontractors and "in house" construction for contract compliance as well as reviewing vendor submittals for field conditions and installation requirements

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

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

ROBERT M. SHUSKO, P.E.

CONTROL OF WATER & DEWATERING - PROJECT PRINCIPAL

YEARS OF EXPERIENCE

- Total: 26 With firm: 20

EDUCATION

- M.B.A., 2003
- B.S., Environmental Science, 1995
- B.S., Civil Engineering, 1994

CONTINUING EDUCATION

- USSD, Annual Conference and Meeting, Technical Sessions and Workshop on Risk Assessment Tools Applied to Coal Tailings Dams and Ash Impoundments, Lexington, KY, April 2015
- ASDSO, Regional Technical Seminar, Plans and Specifications Review and Construction Inspections for Dams and Ancillary Structure, Pittsburgh, PA, June 2013

PROFESSIONAL REGISTRATIONS

- Pennsylvania and Michigan, Professional Engineer

CERTIFICATIONS

- MSHA, Part 46 and 48 Miner Safety Training
- MSHA, Impoundment Inspector and Certified Trainer

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- Association of State Dam Safety Officials (ASDSO)
- United States Society on Dams (USSD)

PROFESSIONAL PUBLICATIONS AND PRESENTATIONS

- Antell, A.J., Shusko, R.M., "Tailings Impoundment Closure," ASCE Geostrata, May/June 2017.
- Shusko, R.M., Antell, A.J., Antell, A.J., "Compaction Assessment of CCR and the Application of the Standard Proctor with Rock Correction," 2015 Annual MSHA Dam Safety Training, Beckley, WV, April 2015.
- Shusko, R.M., Antell, A.J., Schuller, E.R., "Factors Affecting Upstream Construction at Coal Tailings Impoundments," USSD 2015 Annual Meeting, Lexington, KY, April 2015.

SUMMARY

Robert Shusko joined D'Appolonia in 2001 as a project engineer in the firm's geotechnical engineering practice. Since joining the firm, Bob's involvement with complex geotechnical projects has grown to focus on dams, waterways, tailings impoundments, tailings disposal embankments, mine development and mine subsidence.

In 2013, Bob was elected president of D'Appolonia. His current responsibilities include the management of overall business operations of the company while serving as one of the firm's technical resource expert for engineering and design services and engaged with consulting assignments in the United States and internationally. Bob remains engaged in the management of complex projects that include dams and waterways for water supply and recreation, tailings impoundments, mine subsidence evaluations, and slope and landslide stabilization.

PROJECT EXPERIENCE

- ***Meadow Ground Lake Dam; Fulton County, PA; Services On-going; Fees – $360K.***

  Project Principal for design and permitting of dam rehabilitation project consisting of replacing reinforced concrete spillway, flattening downstream slope, installing blanket drain, and improving control structures. As Project Principal he provided technical expertise and guidance to the project team, provided input on development of rehabilitation alternatives, developed permitting strategy, ensured that project goals and schedule were met, managed contractual issues, and provided overall Quality Assurance and Control (QA/QC) review of project documents.

- ***Wisecarver Reservoir Dam Rehabilitation; Waynesburg, PA; Services Completed – 2016; Fees – $525K.***

  Project Manager for project design and construction quality control and assurance services for the rehabilitation of a 35-foot high dam to address deficiencies with spillway capacity and downstream slope stability issues. Project included the design of a RCC overtopping protection system, hydrologic and hydraulic analyses to assess RCC protection, seepage and slope stability analyses, design of new principal outlet works, seepage evaluation of the auxiliary spillway, preparation of E & S control plan compliant with a PA Code Chapter 93 High Quality watershed, preparation of design and bidding documents, construction monitoring with quality assurance testing, and preparation of as-built certification drawings.

- ***Muleshoe Reservoir Dam Rehabilitation; Hollidaysburg, PA; Services Completed – 2015; Fees – $1.2M.***

  Project Manager for dam rehabilitation design and permitting with the PADEP and National Park Service (NPS). Tasks managed included a geotechnical exploration and analyses, design of an internal drainage system, design of a 28 ft-high cantilevered spillway retaining wall, design of rock-anchored spillway wall, performance of hydrologic and hydraulic analyses, incorporation of a proprietary spillway system consisting of ©Hydroplus Fusegates,

development and permitting of an E & S control plan, preparation of associated permit applications, and preparation of contract documents for bidding and construction.

- ***Farm Brook Watershed Sites 1, 2A and Hamden, CT; Services Completed – 2021; Fees – $720K.***

  Project Task Manager for the Farm Brook Watershed Sites 1, 2A and 2B Supplemental Watershed Plan and Environmental Documents. The Farm Brook Watershed includes three high hazard dams that do not meet current dam safety regulations and require a supplemental watershed plan to identify a preferred rehabilitation alternative. Scope of services include inventory of watershed resources, evaluation and existing conditions, geotechnical exploration, formulation and evaluation of rehabilitation alternatives, and preparation of the Supplemental Watershed Plan and Environmental Documents.

- ***Core Creek Dam; Langhorne, PA; Services Completed – On-going; Fees – $400k.***

  Project Task Manager for the rehabilitation design of the 47-foot tall, high hazard Core Creek Dam. The auxiliary and principal spillways are not adequately sized to pass the PMP without overtopping and the embankment may not be stable under seismic loading per NRCS TR-60 criteria. Scope of services include an alternative analyses, geotechnical exploration, H&H analyses, design and layout of spillway, and permitting through the PADEP. The rehabilitation plan includes the construction of a 290-foot by 59-foot, 10 to 12 cycle labyrinth weir and potentially flattening the downstream slope to improve stability.

- ***Hamilton Dam; Wellsboro, PA; Services Completed – On-going; Fees – $425k.***

  Project Task Manager for the rehabilitation design of the 76-foot tall, high hazard Hamilton Dam. The auxiliary and principal spillways are not adequately sized to pass the PMP without overtopping and the internal drainage system does not meet dam safety criteria. Scope of services include an alternative analyses, geotechnical exploration, H&H analyses, design and layout of spillway, and permitting through the PADEP. The rehabilitation plan includes the construction of a new 150-foot wide auxiliary spillway with RCC, modifications to the principal spillway intake riser, and installation of a chimney drain with a flattened slope.

- ***Design of Dam for Recreational Lake (Private Client); Westmoreland Co., PA; Services Completed – 2016; Fees – $74K.***

  Project Principal for the remedial design and subsequent construction of a private recreational dam that is used for boating, swimming and fishing. The 18 feet high dam failed in 2016 that required a geotechnical exploration to assess and evaluate the cause of the failure as well as to develop the remedial design. The geotechnical exploration consisted of 14 test pits and dye testing to evaluate the presence of preferential flow paths through the dam. Services also included the review of past design and as-built documents to better understand the cause of the failure. The remedial design include the installation of a new principal spillway, the removal of internal drainage features, and an upstream cutoff trench. D'Appolonia also performed the quality control and assurance testing during construction.

Emerald and Cumberland Impoundments; Greene Co., PA; Services - Ongoing; Professional Fees – $800k annually.

Project Manager and Certifying Engineer for 8 high-hazard impoundments (Categories A-1 and B-2) under construction that are regulated by PADEP – Division of Dam Safety and MSHA at Emerald and Cumberland Mines. Duties include coordination and scheduling of field personnel for QC and QA inspections, evaluation and recommendation of maintenance and repairs, preparation of rehabilitation and repair plans for regulatory permitting and approval, oversee construction of repairs and modifications, address regulatory agency comments and concerns, and prepare certifications to regulatory agencies.

- ***Cumberland Mine No. 3 Impoundment; Green Co., PA; Services Ongoing; Fees – $2M.***

  Project Manager for design and permitting of a 550-acre new coal refuse tailings, high hazard (Category A-1) impoundment and associated high hazard (Category A-1) sedimentation pond through the PADEP, MSHA, USEPA and USACE (404 permit). Tasks managed include development of an alternative analysis to limit impacts to natural resources, stream and wetland delineations, preparation of stream and wetland mitigation plans, collection of aquatic and hydrologic data, archeological studies and investigations, geotechnical exploration and analyses, hydrologic and hydraulic analyses, preparation of emergency action plans, design of two High Hazard dams, and preparation of associated permit documents.

AARON J. ANTELL, P.E.

CONTROL OF WATER & DEWATERING - PROJECT MANAGER

YEARS OF EXPERIENCE

- Total: 16.5 With firm: 16.5

EDUCATION

- M.S., Geotechnical Engineering, 2004
- B.S., Civil Engineering, 2003

CONTINUING EDUCATION

- ASFE, Fundamentals of Professional Practices, 2009

PROFESSIONAL REGISTRATIONS

- Pennsylvania, Professional Engineer

CERTIFICATIONS

- MSHA, Part 46 and 48 Safety Training

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- U.S. Society of Dams (USSD)
- Association of State Dam Safety Officials (ASDSO)
- ASTM International

PROFESSIONAL PUBLICATIONS AND PRESENTATIONS

- Antell A., Schuller, E, and Shusko, R. "Evaluation of Mine Breakthrough at Coal Tailings Impoundment." 2015 U.S. Society of Dams Conference, April 2015.
- Shusko, R., Antell A., and Antell, A. "Factors Affecting Upstream Construction at Coal Tailings Impoundments." 2015 U.S. Society of Dams Conference, April 2015.
- "Addressing Flowability during Closure of Impoundments." Tailings Dam Workshop, 2016 U.S. Society of Dams Conference, April 2016.
- "Evaluation of Mine Breakthrough at Coal Tailings Impoundment." Tailing Committee of 2015 U.S. Society of Dams Conference, April 2015.
- "MSHA Guidelines for Liquefaction and Seismic Design Applied to the Eastern U.S." Seismic Design of Tailings Dams Workshop, 2014 U.S. Society of Dams Conference, April 2014.

SUMMARY

Mr. Antell has over 16 years of experience that includes numerous projects involving management of dam rehabilitation projects design of specialty geotechnical construction, geotechnical evaluation and design of dams and embankments, and execution of geotechnical explorations. Through education and experience, he has a strong background in Dam Safety, heavy civil construction, seepage control and geotechnical analyses.

PROJECT EXPERIENCE

- ***Meadow Grounds Lake Dam; Fulton County, PA; Services On-going; Fees – $360K.***

  Project Manager for design and permitting of Dam Rehabilitation project consisting of replacing reinforced concrete spillway, flattening downstream slope, installing blanket drain, and improving control structures. Services included developing conceptual remediation alternatives and preliminary design, completing final design, developing design drawings, developing project specifications, performing geotechnical subsurface exploration, and assembling permit packages.

- ***Children's Lake Dam; Cumberland Co., PA; Services On-going – 2015; Fees – $1.2M.***

  Project Manager for Dam Rehabilitation project including, replacement of principal spillway conduit and intake structure, repair of seepage damage at abutment, and construction of a new labyrinth spillway as the auxiliary spillway to facilitate passing flows associated with design storm. Project includes sequencing construction activities to accommodate control of water during construction and approval by PADEP – Division of Dam Safety.

- ***Muleshoe Reservoir Dam Rehabilitation; Hollidaysburg, PA; Services Completed – 2015; Fees – $1.2M.***

  Mr. Antell is the Project Manager and Certifying Engineer for the construction phase of the Muleshoe Reservoir Dam Rehabilitation project. Muleshoe Dam is an earth fill dam with a height of about 65 feet and a crest length of 550 feet that forms a water supply reservoir owned by the Borough of Hollidaysburg. Significant features of the rehabilitation include flattening the upstream and downstream slopes, increasing spillway capacity with new reinforced concrete walls, and construction of internal drainage features. His responsibilities include acting as the primary owner representative through the construction process, managing D'Appolonia's on-site field representatives, administering the construction contract, and certifying construction. Mr. Antell was previously the lead geotechnical engineer during the design phase.

- ***East Branch Dam; Wilcox, PA; Services Completed – 2013; Fees – $1.5M.***

  Lead Geotechnical Engineer geotechnical exploration, evaluation and preliminary design of remediation measures for East Branch Dam, Elk County, Pennsylvania. He prepared in-office QA/QC documents and developed the geotechnical data report summarizing exploration efforts, including: advancement of test borings, advancement of cone penetration tests, pressure testing in rock, and laboratory tests. He evaluated foundation rock conditions as part of the development of a three dimensional visualization model of the dam and its foundation. As part of the Dam Safety Modification Study, he developed conceptual level designs for seepage and internal erosion remediation plans, including foundation grouting, cutoff wall within embankment, and foundation, and upstream flexible membrane liner. Project Manager for monthly data collection and maintenance of in-place instrumentation at East Branch Dam.

- ***Wisecarver Reservoir Dam Rehabilitation; Waynesburg, PA; Services Completed – 2016; Fees -$525K.***

  Mr. Antell designed geotechnical features for the rehabilitation of Wisecarver Dam in Greene County, Pennsylvania. Wisecarver Dam consists of earthfill and has been in service over 75 years. The dam has a height and crest length of about 35 and 260 feet, respectively. The remediation of Wisecarver Dam includes Roller-compacted Concrete (RCC) overtopping protection on the downstream slope, spillway restoration, and seepage collection. Mr. Antell evaluated the spillway walls for proposed load conditions and designed the proposed seepage collection system positioned under the RCC.

- ***Emsworth Back Channel Dam Abutment Stabilization & Scour Protection; Pittsburgh, PA; Services Completed – 2010; Fees – $580k.***

  Mr. Antell designed and evaluated stabilization features for the Left abutment wall at the Back Channel of the Emsworth Lock and Dams. The stabilization features Mr. Antell designed include rock anchors through the existing retaining wall, micropiles to support the existing retaining wall, and a cantilevered combination retaining wall below the existing retaining wall. He was the primary contact with the US Army Corps of Engineers for engineering support during the ongoing construction of the stabilization features for the abutment at the Back Channel.

- ***Catawba Nuclear Station Intake Structure Rehabilitation; York, SC.***

  Mr. Antell designed an internally braced rectangular sheetpile cofferbox that was dewater and used to provide access to a submerged intake structure. His involvement included: preparation of structural calculations for struts, wales and sheet piles, evaluation of seepage forces and dewatering requirements, design of tremie concrete to counteract buoyant effects, and sequencing of construction.

- ***Three PNC Plaza; Pittsburgh, PA.***

  Mr. Antell performed finite element seepage analysis for design of pressure relief standpipes in basement floor of parking garage below new PNC Plaza building in Pittsburgh, PA. The basement level of the parking garage is situated below ground water levels associated with flood events. The structural concrete slabs and walls of the garage are not design for hydrostatic pressures associated with elevated ground water levels. The seepage analyses were performed to establish the rate of flow through that water should be allowed to enter the parking garage basement level during storm events to at least partly counteract the excess hydrostatic pressure.

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 2. Project Management Plan

T-2B.a Overall Project Work Plan & Schedule

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-2B.a: Overall Project Work Plan & Schedule

Following a thorough review of the contract documents, KC Construction has developed a comprehensive scope and work plan for the Marquette Lake Dam Rehabilitation Project. The allotted project duration of 550 calendar days is sufficient to complete the defined scope of work. Particular attention has been given to the dewatering and water diversion plan, which is critical to maintaining schedule efficiency and ensuring safe, uninterrupted progress.

Sequence of Construction

KC Construction will generally follow the construction sequence outlined in the Erosion & Sediment Control (E&S) drawings and project specifications. The major construction components will be executed in a logical, phased approach, as follows:

1. Coordination with PPL – Relocation of temporary electrical lines
2. Control of Water – Installation of cofferdams and temporary bypass piping
3. Excavation & Dewatering – For new spillway construction
4. Low-Level Outlet – Cast-in-place concrete installation
5. Straight Drop Spillway – Cast-in-place watertight hydraulic structure
6. Pedestrian Bridge Installation – Over spillway (Base Bid 2)
7. PennDOT Culvert Replacement
8. Embankment Construction – Installation of drainage system and earthfill
9. Articulated Concrete Block (ACB) Installation – Armoring of upstream embankments
10. Riprap Armoring – Protection of upstream slopes
11. Slide Gate & Gate Valve Installation – Including stems, guides, and operators
12. Selective Demolition – Removal of existing outlet tower and low-level outlet while preserving the downstream masonry wall

The construction sequence is strategically driven by water control and dewatering requirements, as well as the staging of earthwork materials. These elements must be executed in deliberate steps to ensure safe and efficient progress.

Resources & Working Hours

The site will be staged with access roads and laydown areas designed to support concurrent activities and efficient coordination. KC Construction anticipates deploying the following dedicated crews:

- (2) Demo/Earthwork Crews – Responsible for access roads, concrete demolition and removal, cofferdam installation, subgrade excavation, material screening, fill placement, compaction, fine grading, drainage systems, and structure backfilling
- (1) Small Mechanical Crew – Installation of miscellaneous metals, sluice gates, and stop log systems
- (1) Concrete Crew – Formwork, pouring, stripping, and finishing of all cast-in-place concrete

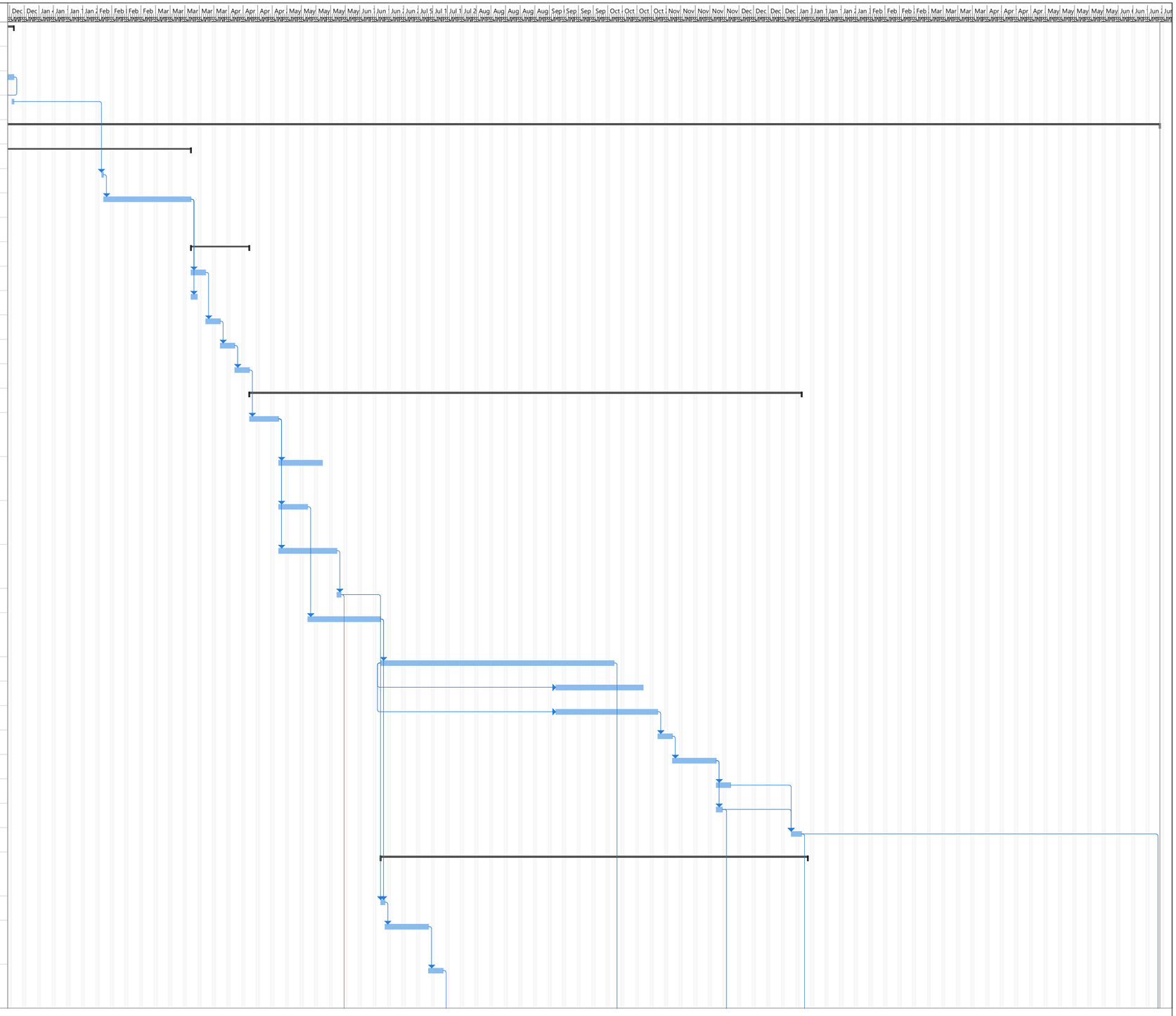
Work will be conducted during normal Township working hours, with flexibility to add additional crews as needed to meet schedule demands.

Project Schedule

A preliminary project schedule identifying all required milestones is attached. KC Construction anticipates mobilizing in early spring, immediately following the Notice to Proceed. Initial activities will include site clearing, access road construction, and laydown area setup.

Once water control and diversion measures are in place, KC will proceed diligently through the construction sequence as outlined in the contract documents and drawings.

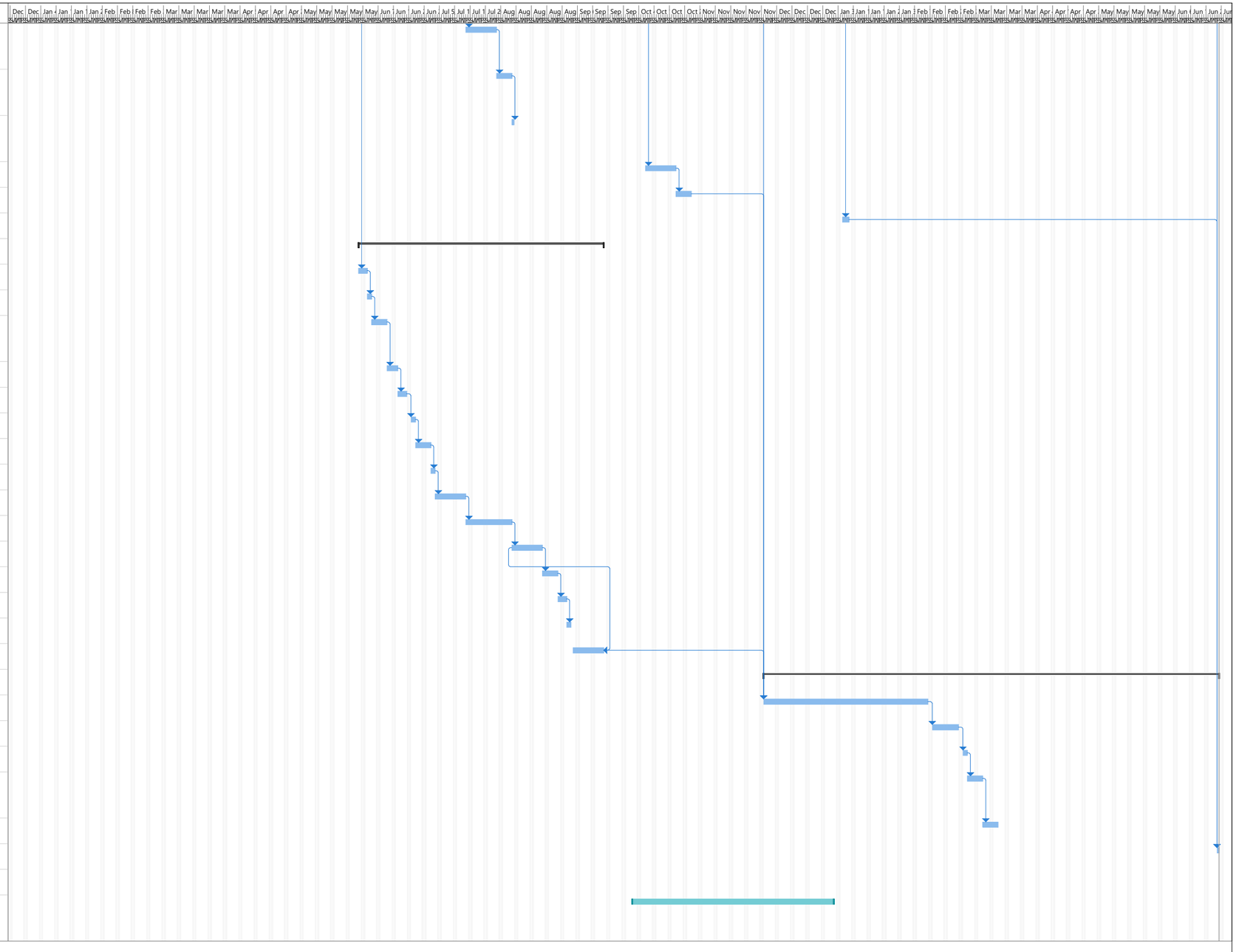
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1		**Pre-Construction**	**65 days**	**Tue 9/23/25**	**Mon 12/22/25**	
2		Submit RFP	1 day	Tue 9/23/25	Tue 9/23/25	
3		Notice of Award (90-day Proposal Period)	64 days	Wed 9/24/25	Mon 12/22/25	2
4		Notice of Award	1 day	Mon 12/22/25	Mon 12/22/25	
5		**White Oak Dam Upgrades (550 Days Incl 55-Day Shutdown)**	**655 days**	**Mon 12/23/24**	**Fri 6/25/27**	
6		**Project Admin**	**322 days**	**Mon 12/23/24**	**Tue 3/17/26**	
7		Initial Job Conference	1 day	Tue 2/3/26	Tue 2/3/26	4FS+30 days
8		Material Procurement/Submittals	30 days	Wed 2/4/26	Tue 3/17/26	7
9		Coordinate Relo of Electric with Power Co.(16 Weeks)	81 days	Mon 12/23/24	Mon 4/14/25	3
10		**Preliminary Construction - Job Setup**	**20 days**	**Wed 3/18/26**	**Tue 4/14/26**	
11		Mobilization - *Milestone*	5 days	Wed 3/18/26	Tue 3/24/26	8
12		Survey Layout	3 days	Wed 3/18/26	Fri 3/20/26	8
13		Preliminary E&S Controls *Milestone*	5 days	Wed 3/25/26	Tue 3/31/26	11
14		Install Access Road & Laydown/Staging Areas	5 days	Wed 4/1/26	Tue 4/7/26	13
15		Clearing & Grubbing *Milestone*	5 days	Wed 4/8/26	Tue 4/14/26	14
16		**Spillway & Embankment Improvements**	**189 days**	**Wed 4/15/26**	**Mon 1/4/27**	
17		Install Control of Water - Cofferdam & Diversion Pipe*Milestone*	10 days	Wed 4/15/26	Tue 4/28/26	15
18		Complete Excavation for Left Dam Embankment & Approach Channel *Milestone*	15 days	Wed 4/29/26	Tue 5/19/26	17
19		Place Earthfill within Core Trench to Spillway Structure Subgrade *Milestone*	10 days	Wed 4/29/26	Tue 5/12/26	17
20		CIP Conc - LLO portion of Spillway Construction *Milestone*	20 days	Wed 4/29/26	Tue 5/26/26	17
21		Control of Water - Relocate Diversion Pipe thru LLO	2 days	Wed 5/27/26	Thu 5/28/26	20
22		Bulk Excavation and Subgrade Prep for remaining New Spillway sections *Milestone*	25 days	Wed 5/13/26	Tue 6/16/26	19
23		CIP Concrete - Spillway structure *Milestone*	80 days	Wed 6/17/26	Tue 10/6/26	22
24		Embankment Drainage System	30 days	Wed 9/9/26	Tue 10/20/26	23SS+60 days
25		Embankment Earthfill	35 days	Wed 9/9/26	Tue 10/27/26	23SS+60 days
26		Subgrade Prep - ACBs	5 days	Wed 10/28/26	Tue 11/3/26	25
27		Install ACB System *Milestone*	15 days	Wed 11/4/26	Tue 11/24/26	26
28		Topsoil and stabilize disturbed areas *Milestone*	5 days	Wed 11/25/26	Tue 12/1/26	27
29		Restore RipRap Scour Protection on Slopes	3 days	Wed 11/25/26	Fri 11/27/26	27
30		Remove Upstream Cofferdam *Milestone*	3 days	Thu 12/31/26	Mon 1/4/27	29,28
31		**Downstream Embankment Removal & Outlet Channel Construction**	**147 days**	**Wed 6/17/26**	**Thu 1/7/27**	
32		Outlet Tower Selective Demo	2 days	Wed 6/17/26	Thu 6/18/26	21,22
33		Demo - Outlet Tower and Excavate Existing Embankment *Milestone*	15 days	Fri 6/19/26	Thu 7/9/26	32
34		Control of Water - Install Temporary By-pass Pumping System	5 days	Fri 7/10/26	Thu 7/16/26	33



Project: White Oak Dam Prelim
Date: Tue 9/23/25

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
35		Demo Masonry Conduit, remaining Outlet Wet Well, downstream Concrete Headwall *Milestone*	10 days	Fri 7/17/26	Thu 7/30/26	34
36		Excavation & Subgrade Prep for Outlet Channel *Milestone*	5 days	Fri 7/31/26	Thu 8/6/26	35
37		Control of Water - Remove By-pass and continue diversion through pipe	1 day	Fri 8/7/26	Fri 8/7/26	36
38		RipRap Armoring *Milestone*	10 days	Wed 10/7/26	Tue 10/20/26	23
39		Set Pedestrian Bridge *Milestone*	5 days	Wed 10/21/26	Tue 10/27/26	38
40		Remove remaining Control of Water Elements	3 days	Tue 1/5/27	Thu 1/7/27	30
41		**PennDOT Culvert Improvements**	**80 days**	**Fri 5/29/26**	**Thu 9/17/26**	
42		Install Road Detour	2 days	Fri 5/29/26	Mon 6/1/26	21
43		Install E&S Controls	2 days	Tue 6/2/26	Wed 6/3/26	42
44		Control of Water - Install Cofferdams and By-pass Pump System	5 days	Thu 6/4/26	Wed 6/10/26	43
45		Demo - Asphalt and Guiderail removal	3 days	Thu 6/11/26	Mon 6/15/26	44
46		Establish Access Ramps	4 days	Tue 6/16/26	Fri 6/19/26	45
47		Clearing & Grubbing (as required)	2 days	Mon 6/22/26	Tue 6/23/26	46
48		Bulk Excavation and Ex Culvert Demo	5 days	Wed 6/24/26	Tue 6/30/26	47
49		Culvert Sugrade/Subbase Prep	2 days	Wed 7/1/26	Thu 7/2/26	48
50		Set 78" RCP Culvert	10 days	Fri 7/3/26	Thu 7/16/26	49
51		Form & Pour Headwalls/Wingwalls	15 days	Fri 7/17/26	Thu 8/6/26	50
52		Culvert Backfill	10 days	Fri 8/7/26	Thu 8/20/26	51
53		RipRap Armoring	5 days	Fri 8/21/26	Thu 8/27/26	52
54		Topsoil Seeding	2 days	Fri 8/28/26	Mon 8/31/26	53
55		Control of Water - remove controls	2 days	Tue 9/1/26	Wed 9/2/26	54
56		Restoration - Asphalt Paving, Striping, Guiderail	10 days	Fri 9/4/26	Thu 9/17/26	52SF+30 days
57		**Project Closeout**	**150 days**	**Mon 11/30/26**	**Fri 6/25/27**	
58		**Winter Shutdown**	55 days	Mon 11/30/26	Fri 2/12/27	29,39,56
59		Punch List Work	10 days	Mon 2/15/27	Fri 2/26/27	58
60		O&M Manuals & Training	2 days	Mon 3/1/27	Tue 3/2/27	59
61		Remove Remaining E&S Controls and Complete Final Restoration *Milestone*	5 days	Wed 3/3/27	Tue 3/9/27	60
62		Demobilize Site *Milestone*	5 days	Wed 3/10/27	Tue 3/16/27	61
63		***Project Completion***	1 day	Fri 6/25/27	Fri 6/25/27	30,40
64						
65		**Work in waterways restricted bewteen Oct 1-Dec 31 per contract documents**	**66 days**	**Thu 10/1/26**	**Thu 12/31/26**	



Project: White Oak Dam Prelim
Date: Tue 9/23/25

Task, Split, Milestone, Summary, Project Summary, Inactive Task, Inactive Milestone, Inactive Summary, Manual Task, Duration-only, Manual Summary Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Progress, Manual Progress

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 2. Project Management Plan

T-2B.b Critical Items Work Plan

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-2B.b Critical Items Work Plan

Control and Diversion of Water

Self-Performed by KC Construction with Engineering Support from D 'Appolonia Engineering

General Lake Drawdown and Diversion Requirements

The lake has been fully drained and will remain in this condition throughout the duration of construction. To manage streamflow, KC Construction will install an upstream earthen cofferdam. A fused HDPE pipe will divert streamflow from upstream of the cofferdam, routing it around the new embankment construction and through the existing outlet conduit. The pipe diameter will be determined during the cofferdam design phase by D'Appolonia Engineering.

KC Construction is responsible for evaluating and mitigating risks associated with water control activities. This includes:

- Protecting existing embankments, reservoir, creek, and wetlands
- Preventing and responding to flooding events or system failures
- Dewatering and cleaning affected areas in the event of failure

A contingency plan will be developed to address potential non-performance of diversion systems or the need for additional capacity.

A storm and lake condition surveillance plan will be implemented during significant weather events, including notification protocols to state agencies and hourly updates on pool elevations.

Diversion Works Plan by Construction Phase

Phase 1: Initial Construction

- Install E&S controls and establish access roads, including a temporary stream crossing
- Construct an earthen cofferdam using excavated materials (screened to remove oversized stones and boulders)
- Install bypass conduit and riser; seed and mulch the cofferdam to prevent erosion
- Minimum cofferdam elevation: 1367.5 feet, representing the peak reservoir stage during a 100-year flood
- Cofferdam installation is expected to occur under dry conditions based on current pool elevation
- If site conditions do not support an earthen cofferdam, a sand tote and geomembrane liner system will be used

Phase 1 Excavation:

- Excavate for the new embankment

- Stockpile materials for screening and processing; surround stockpiles with compost filter sock
- Dewater excavation using pumps discharging to a filter bag placed in the emergency spillway
- Complete core trench excavation and begin backfill to spillway subgrade

Phase 2: Low-Level Outlet Construction

- Cofferdam and bypass conduit remain unchanged
- Install Concrete Washout #1
- Construct the low-level outlet portion of the spillway
- Install sandbag cofferdam and intake piping from the low-level outlet to the pump
- Install discharge piping from the pump to the riprap outlet protection area

Phase 3: Culvert Replacement and Final Excavation

- Redirect stream diversion from the cofferdam to the low-level outlet by relocating the bypass conduit
- Impound water at the sandbag cofferdam and pump across White Oak Pond Road to the designated outlet area (see Drawing ES-3)
- Install riprap outlet protection
- Install sandbag cofferdams upstream and downstream of the PennDOT culvert replacement area
- Replace the PennDOT culvert
- Complete excavation and demolition of the existing dam
- Excavate the new outlet channel
- Finish core trench backfill and complete spillway construction

Phase 4: Final Restoration

- Remove sandbag cofferdams at the new PennDOT culvert and low-level outlet
- Allow water to flow freely through the new outlet channel and culvert
- Complete remaining earth embankment work, including topsoil and seeding
- Remove upstream earthen cofferdam, temporary stream crossing, and HDPE piping

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Dewatering Plan

Self-Performed by KC Construction with Design Support from D 'Appolonia Engineering

Overview

Due to the reservoir being at normal pool during geotechnical investigations, the volume and behavior of groundwater in deep excavations for the spillway and toe drain collection systems remain uncertain. It is anticipated that hydrostatic water table levels will fluctuate based on reservoir conditions, precipitation, surface runoff, and the performance of diversion structures.

Surface Water Management

KC Construction will implement best management practices to divert surface water away from active work zones, including:

- Trenches and diversion berms
- Daily sealing of disturbed surfaces
- Temporary stabilization (e.g., seeding and mulch) until permanent grades are achieved

Excavation Dewatering

To assess site-specific conditions, KC will excavate test pits to identify potential groundwater concerns and inform the dewatering strategy.

- Deep excavations at the toe of embankments and spillway subgrade will be serviced by localized sump systems
- All pumped water will be treated using Best Management Practices (BMPs) such as:
  - Temporary sediment traps
  - Pump filter bags
- If groundwater conditions exceed expectations, KC will consult with its dewatering consultant to implement additional control measures, including:
  - Well points
  - Dewatering wells
- Construction of the toe drain collection system will begin at the low-point discharge location and progress upslope, allowing the system to function as a dewatering facility during installation.

Cofferdam Dewatering

To manage seepage through cofferdams, KC will install dewatering systems between cofferdams and excavation zones. These systems may include:

- Interceptor trenches with filter material
- Local sump pumps

In the event of overtopping, submersible pumps will be deployed to maintain dry work zones.

System Operation & Maintenance

KC Construction will establish a comprehensive protocol for dewatering system management, including:

- Initial system testing
- Routine operation and maintenance
- Equipment repair and scheduled servicing
- Contingency planning (e.g., backup power and fuel)
- Daily system inspections and performance documentation

System Removal & Restoration

Upon completion of dewatering operations:

- All temporary systems will be removed
- Any damage caused by dewatering activities will be repaired and restored
- **As-built documentation** will record the location and depth of any decommissioned elements left in place
- Interaction with permanent drainage systems will be clearly detailed

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Cast-in-Place Concrete Work Plan

Self-Performed by KC Construction Co.

KC Construction Co. has extensive experience in the management, oversight, and construction of structural cast-in-place concrete for hydraulic watertight structures. We have successfully completed numerous dam projects requiring precision concrete placement and waterstop integration.

Waterstop Installation

- KC's waterstop installers are factory-trained and certified.
- All intersections of waterstop will be factory-fabricated; only butt joints will be field-welded.
- Waterstop will be secured using open-end rings designed specifically for this purpose—no punctures will be made.
- KC will verify all intersection requirements and order materials with appropriate overstock to accommodate unforeseen conditions, pending professional approval.
- Waterstop will be installed at all designated construction joint locations per the drawings, ensuring optimal performance.

Concrete Placement & Equipment

- A 75-ton rough terrain crane will be used for form setting and rebar handling.
- Concrete will be placed using a boom pump and consolidated with electric vibrators.
- Layout will be performed using a robotic total station.
- A combination of handset and crane-set form systems will be used, tailored to each task.
- Forms will be verified for proper installation and alignment prior to concrete placement.
- A pre-engineered form system will be utilized due to the technical nature of the structure.

Reinforcing Steel

- Reinforcing steel will be installed in full compliance with design documents.
- Field verification will ensure correct size, location, and clearances.
- Fabrication and delivery will be carefully planned to avoid delays and minimize site stockpiling.

Weather Considerations & Concrete Supply

- KC will monitor weather forecasts continuously and adjust placement and curing plans accordingly.
- Requirements for concrete supply will be communicated well in advance to ensure uninterrupted placement.

Critical Materials & Equipment

- Key materials such as waterstop, reinforcing steel, and miscellaneous items will be procured early for the entire project, including contingency stock.
- Reinforcing steel delivery will be scheduled to support continuous installation without excessive stockpiling.

Work Sequence

Following completion of foundation preparation work will begin on the spillway as follows:

1. Low-Level Outlet Construction
    - Duration: ~1 month
2. Spillway Concrete Work
    - Begins with cutoff walls and slabs
    - Includes multiple placements of reinforcing steel, waterstop, and concrete
    - Duration: ~1 Month
3. Spillway Wall Construction
    - Begins after slab completion
    - Installed in a downstream-to-upstream direction
    - Duration ~ 4 months
4. Weir Wall Construction
    - Begins after wall completion

Total anticipated duration for the Low-Level Outlet and Spillway structure: ~6 months

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Sluice Gate & Gate Valve Installation

Self-Performed by KC Construction Co.

Material Procurement

Upon receipt of the Notice to Proceed, KC Construction will initiate the submittal process for the sluice gate and gate valve systems. Specification details will be confirmed with the selected manufacturers to facilitate the development of design and shop drawings.

- Shop drawings will be submitted to the project engineer for review and approval.
- Upon approval, fabrication will commence.
- Estimated lead time from purchase order to delivery: **approximately six (6) months**.

Installation Procedures

Upon delivery to the site, the sluice gates and valves will be inspected by KC's **site superintendent** to ensure conformance with approved submittals.

- Rigging systems will be installed at the control tower, training walls, and grated work platform to facilitate safe lifting and placement using chain hoists or all-terrain telehandlers.
- Mounting surfaces will be prepared in accordance with contract documents and manufacturer specifications.
- Gates will be hoisted and mounted per the manufacturer's installation procedures.
- Following gate installation, all associated appurtenances (e.g., stems, guides, operators) will be installed.

Operational Testing & Commissioning

Once installation is complete:

- Gates and valves will be exercised to verify proper operation.
- KC Construction will coordinate with the manufacturer's representative to perform a formal start-up and commissioning, which includes:

- Verification of proper installation
- Adjustment for watertightness tolerances
- Operations and maintenance training for the owner's staff

Drainage Filter & Seepage Collection System and Zoned Embankment Construction

Self-Performed by KC Construction Company

General Approach

KC Construction will maximize production efficiency by minimizing material handling wherever possible. Based on the geotechnical report, it is anticipated that suitable earthen materials for embankment construction will be available on-site, primarily excavated from existing embankments. These materials will be screened and dried as needed to meet specifications for zoned backfill.

The construction sequence will generally follow the proposed schedule, with minor adjustments as necessary to address water control and dewatering challenges.

Earthfill Materials & Embankment Placement

- During subgrade excavation, KC will identify and classify earth materials to ensure proper stockpiling and separation for use in designated embankment zones.
- Embankment placement will strictly adhere to specification requirements, including:
  - Lift thickness
  - Placement around structures
  - Compaction standards
  - Moisture content control

Seepage Collection System Installation

- Excavation for the toe subgrade will begin at the low point and progress upslope.
- Installation of the chimney and blanket drains will follow specification guidelines.
- Subgrade adjacent to aggregate fill will be rolled smooth and not scarified.
- Drainage components will be placed in uniform horizontal lifts, concurrent with embankment fill, to ensure proper compaction across varying fill zones.
- Moisture content and compaction of earthfill, coarse aggregates, and fine aggregates (sand) will be controlled in strict compliance with project specifications.
- Open excavations will be limited to 100 linear feet, and sufficient filter stone will be stockpiled on-site as required.

Experience & Quality Assurance

KC Construction understands that moisture control and compaction of zoned materials are critical to the long-term performance of the embankment and seepage collection systems. Our team has extensive experience installing a wide variety of drainage filter and seepage collection systems, designed by multiple engineering firms and tailored to diverse dam embankment scenarios.

We are fully familiar with the design intent and performance expectations of the governing agencies and have successfully delivered similar systems on numerous dam rehabilitation projects.

Excavated Material Screening

Self-Performed by KC Construction Company

KC Construction will maximize production efficiency by minimizing material handling and utilizing on-site excavated materials for embankment construction. These materials, sourced from the existing embankments and spillway channel, are expected to be suitable for zoned backfill as indicated in the geotechnical report, with some anticipated drying and screening required.

Screening Equipment & Resources

KC Construction owns portable soil screening equipment and supplements with specialty equipment from rental providers as needed. Depending on the volume and timing of material requiring processing, KC may also engage a subcontractor to support screening operations.

To meet the earthfill specifications outlined in Section 31 23 23, oversized particles will be removed through a dedicated screening process.

Screening Operations

- KC will mobilize a portable screening plant sized appropriately for the project's needs.
- Excavated materials will be classified and stockpiled for reuse in designated embankment zones.
- A dedicated screening crew will process these materials to meet required gradations.
- Screened materials will be separated into zone-specific stockpiles and sealed to preserve moisture content.
- If moisture conditioning is required:
    - Water will be applied to dry stockpile lifts
    - Wet materials will be spread and disked to facilitate drying
    -

This approach ensures that embankment fill materials meet project specifications while maintaining efficient use of on-site resources and minimizing environmental impact.

Wetland Protection

Self-Performed by KC Construction Co.

Due to the proximity of existing wetlands to the proposed dam improvements, a designated wetland mitigation area has been identified as part of this project.
KC Construction will implement all necessary protection measures to prevent adverse impacts to wetland areas, including:

- Installation of environmental fencing
- Use of silt socks for sediment control

- Deployment of crane mats to minimize ground disturbance

KC Construction and its erosion and sediment control (E&S) partners have extensive experience working in and around ecologically sensitive areas, including:

- Wetland mitigation projects
- Wetland restoration (common in dam rehabilitation due to temporary impacts)
- Stream restoration
- Dam breach projects

Our teams are well-versed in the regulatory requirements and environmental sensitivities associated with these scopes and are committed to executing the work with the highest level of ecological stewardship.

Articulating Concrete Block (ACB) Installation

Self-Performed by KC Construction Co.

Material Off-Loading

Articulated Concrete Block (ACB) mats will be delivered to the site via flatbed trucks. KC Construction will unload the mats using a Volvo 480 Excavator equipped with a spreader bar and appropriate rigging. Mats will be staged sequentially in a designated on-site staging area.To minimize site congestion, daily deliveries will be scheduled during installation, limiting the volume of mats staged at any one time.

Drainage Layer Preparation

Prior to ACB installation:

- Bulk earthwork and subgrade preparation will be completed.
- Due to the compact footprint, most of the ACB area will be pre-prepped, with geotextile fabric rolled out ahead of active placement zones.
- Geocell confinement systems will be deployed, followed by placement of bedding stone material using excavators and small rubber-tire equipment.

Geogrid Installation

- Geogrid will be manually rolled out over the prepared subbase prior to ACB mat placement.

ACB Placement

- Mats will be transported from the staging area to the embankment using a Volvo 480 Excavator or flatbed truck.
- The excavator will receive mats at the working edge and place them on the subbase, beginning at the downstream toe and progressing upslope.
- During placement, the open cells of the ACB mats will be backfilled using material offloaded from an articulating truck and spread with the excavator.
- Final distribution of backfill material will be completed using brooms and rakes.
- This process will be repeated row by row until installation is complete.

Anchoring & Termination

- ACB mats will be anchored to the new cast-in-place (CIP) concrete weir structure.
- Terminations will be completed at the top of the channel slope and downstream outlet.
- Mats will be turned down at a 45-degree angle and backfilled.
- Anchoring along the crest of the dam will be backfilled and compacted using cohesive material.

Joint Grouting

Upon completion of mat placement:

- Joint grouting will be performed using a pump truck to deliver grout.
- Grout will be leveled manually, beginning at the top starter block joint and progressing left to right within the pump truck's reach.
- The process will continue downward to the next joint until all joints are grouted.

Partial Demolition – Protecting Existing Structures

Self-Performed by KC Construction Co.

Dam rehabilitation projects frequently involve working in close proximity to existing structures, many of which are over 100 years old and may be considered historically significant. KC Construction has extensive experience in this type of work and has developed specialized capabilities to ensure the safe and precise execution of partial demolition activities.

Over time, KC has expanded its equipment fleet to include the necessary tools to:

- Cut, hammer, and burn structural elements
- Excavate with precision
- Protect and preserve features designated to remain

Scope of Demolition

This project requires the complete removal of multiple concrete structures, including components of the outlet works tower and outlet conduit.

- KC will utilize excavators equipped with mounted hammer attachments to break down and remove concrete structures.
- For the partial demolition of the outlet works:
    - KC will sawcut the existing box culvert to create a relief joint between the wall and the conduit section that is to remain.
    - Large excavating equipment will then be used to carefully separate and remove the conduit.
    - The removed conduit will be broken down and disposed of in accordance with project specifications.

KC Construction's approach ensures that demolition activities are executed safely and efficiently while preserving the integrity of adjacent structures and minimizing risk to historically sensitive features.

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 2. Project Management Plan

T-2C Safety Plan

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-2C: Safety Plan

KC Construction Company is committed to maintaining a safe and compliant work environment for all personnel, clients, and subcontractors. Safety is a shared responsibility, and every employee is accountable for their own safety and the safety of others, including client personnel and property.

All employees are required to comply with:

- KC Construction's Health and Safety Program
- Federal and State safety regulations
- Craft-specific safety practices
- Client-specific Safety, Health, and Environmental Policies and Procedures
- Posted safety instructions, including signage, barricades, barriers, and permit requirements

Employee Screening & Training

- All new employees undergo physical examinations and drug testing in accordance with KC's Drug and Alcohol Abuse Policy.
- Mandatory post-accident drug and alcohol screening is enforced.
- Supervisors must hold current OSHA 30-hour and CPR/First Aid certifications.
- Additional OSHA and task-specific training (e.g., OSHA-10, Fall Protection, Forklift, Signal Person, Confined Space, Competent Person) is provided as required.
- Training is conducted by KC's Safety Manager, Thomas O'Connell, or qualified third-party providers.

Site-Specific Health and Safety Plan (SSHASP)

Upon contract award, KC Construction will prepare and submit a Site-Specific Health and Safety Plan (SSHASP) tailored to the project scope. The SSHASP will include:

- Scope of Work – Defines the contracted tasks and guides safety planning
- Contact Information – Includes email and phone numbers for responsible site personnel

General Safety Topics:

General Safety Rules	Safe Operation of Motor Vehicles
Personal Protective Equipment	Fire Prevention and Protection
Emergency Procedures	Incident Reporting and Investigation
STOP Work Program	Hand and Power Tool Safety

General Safety Rules	Safe Operation of Motor Vehicles
Ladders	Scaffolds
Asbestos Awareness	Silica Awareness

Project-Specific Safety Topics:

- Fall Protection / Prevention
- Confined Space Entry
- Excavation Safety
- Crane and Mobile Equipment Safety
- Rigging
- Working Over or Near Water

Training & Certification

All employees assigned to the project will be trained, qualified, and/or certified for their specific tasks. Documentation will include:

- Course descriptions and training outlines
- Certification records
- Training sign-in sheets

Training Programs Include:

- OSHA 10-hour Construction Outreach (general employees)
- OSHA 30-hour Construction Outreach (forepersons and above)
- Fall Protection (including Competent Person)
- Excavation Safety (including Competent Person)
- Confined Space Entry and Rescue
- Asbestos and Silica Awareness

Safety Oversight & Documentation

- Weekly Safety Meetings – Conducted and documented per contract requirements
- Job Hazard Analysis (JHA) – Used to identify hazards and implement safe work practices
- Subcontractor Safety Management – Subcontractor safety plans will be reviewed to ensure alignment with project safety standards

KC Construction has retained a professional safety consultant to develop the SSHASP, conduct training, and ensure compliance with all applicable Federal (OSHA), State, local, and client regulations.

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 2. Project Management Plan

T-2D Quality Control Plan

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-2D: Quality Control Plan

KC Construction Company is committed to delivering high-quality work through a structured and technology-driven approach to project tracking, documentation, and reporting. Our quality control process integrates industry-standard software platforms and proven internal procedures to ensure compliance, transparency, and performance throughout the project lifecycle.

Project Management Software

KC Construction utilizes the following software tools to manage and monitor project performance:

- **ComputerEase** – Financial and change order management
- **HeavyJob (HCSS)** – Field data capture and daily reporting
- **Microsoft Project & Excel** – Scheduling and data analysis
- **E-Builder Enterprise™** – Cloud-based Program Management Information System (PMIS)

KC was among the first contractors to adopt E-Builder and has successfully completed multiple projects using the platform. Our team is now highly proficient in its use and recognizes its value in improving communication, documentation, and overall project performance.

Submittals

A complete and accurate submittal log is developed at project initiation, based on contract documents and drawings. The log includes:

- Item and transmittal numbers
- Dates of submission and return
- Review status
- Material certifications

Submittals are uploaded to KC's FTP site for access by the engineer and subcontractors. A submittal schedule is integrated into the overall project schedule to ensure timely review and coordination. KC's project management team reviews all submittals for accuracy and compliance prior to submission, reducing the likelihood of rework and delays.

Requests for Information (RFIs)

KC Construction uses a formal RFI system to address drawing or specification clarifications. RFIs include:

- Issue description and suggested resolution
- Potential cost or schedule impacts
- Submission and response dates

All RFIs and responses are tracked in a log and uploaded to the FTP site for real-time access by the Project Team. This proactive approach facilitates timely issue resolution and minimizes disruptions.

Change Orders

Change orders are managed through ComputerEase, with each request assigned a unique identifier. Requests include:

- Detailed pricing for labor, materials, equipment, and subcontractors
- Estimated schedule impact

Once approved, formal contract change orders are generated with independent numbering. Status reports (e.g., reviewing, approved, denied) are shared during progress meetings to keep the team informed.

Punch List & Closeout

Upon completion of the punch list walkthrough, KC generates a punch list log detailing:

- Required corrective actions
- Estimated and actual completion dates
- Closeout documentation (e.g., lien releases, O&M manuals, warranties)

This log is shared via the FTP site and updated regularly to ensure transparency and accountability.

Quality Control & Daily Reporting

Work performed by KC and its subcontractors is monitored by the site superintendent and a third-party QC testing agency. Non-conforming work is immediately reported and corrected before proceeding. The engineer is notified upon completion of corrective actions for verification.

KC's superintendents use HeavyJob (HCSS) to capture and report daily field data, including:

- Weather conditions
- Daily activities and production
- Labor and equipment hours
- Safety observations and corrective actions

- Photo documentation
- Material deliveries

Reports are uploaded daily to the HeavyJob Manager system, providing the Project Team with real-time project status.

E-Builder Integration

KC has extensive experience using E-Builder, the Department's proprietary project management software. Our team understands its capabilities in document organization, reporting, and workflow efficiency, and is fully prepared to utilize it throughout the project.

Payment Procedures

KC Construction maintains strong relationships with subcontractors and suppliers by ensuring prompt payment. Our goal is to issue payment within one week of receiving owner payment. This process is managed through ComputerEase, which handles accounts payable and receivable.

KC Construction Company - 1737 Stout Drive, Ivyland, PA 18974 - (215) 443-5553 ph (215) 443-0354 fx

SUBMITTAL LOG

Project: NJAW Raritan Millstone Long Term Flood Protection Project
Owner: New Jersey American Water Company
Engineer: AECOM
Contractor: KC Construction Company

Item No.	Transmittal No.	Spec Section	Specification	Paragraph No.	Submittal Description	Submittal Type	Contractor, Subcontractor, Vendor	Date KC Recvd	Date Submitted to Engr	Date Recvd from Engr	ACTION					Date Returned from KC		Comments:
											APPROVED	APPROVED AS NOTED	REVISE & RESUBMIT	REVIEWED FOR COMPLIANCE	INFORMATION ONLY			
		01 53 00.01	Temporary Flood Protection	3.1	Temporary Flood Protection Plan	SD-01 Preconstruction Submittals												
		01 53 00.02	Temporary Retaining Structures	1.5.1	Temporary Retaining Structures - Shop Drawings	SD-02 Shop Drawings												
		01 53 00.02	Temporary Retaining Structures	1.5	Temporary Retaining Structures - Design Data	SD-05 Design Data												
		01 56 00	Dust Control	3.1	Dust Control Plan	SD-01 Preconstruction Submittals												
		01 57 20	Environmental Protection	1.6	Environmental Protection Plan	SD-08 Manufacture's Instructions												
		01 57 20	Environmental Protection	1.7	Site Safety & Health Plan	SD-08 Manufacture's Instructions												
		01 57 20	Environmental Protection	1.7.2	Safety & Health Manager	SD-08 Manufacture's Instructions												
		01 57 20	Environmental Protection	1.9.2	Persons Certified in First Aid & CPR	SD-08 Manufacture's Instructions												
		01 57 20	Environmental Protection	1.14	Emergency Response Plan	SD-08 Manufacture's Instructions												
		01 57 20	Environmental Protection	1.17	Excavation & Handling Work Plan	SD-01 Preconstruction Submittals												
		01 57 20	Environmental Protection	3.8	Quality Control Plan	SD-01 Preconstruction Submittals												
		02 41 00	Selective Demolition	1.7	Existing Conditions Survey	SD-01 Preconstruction Submittals												
		02 41 00	Selective Demolition	1.7	Preconstruction Video Documentation	SD-01 Preconstruction Submittals												
		02 41 00	Selective Demolition	1.8	Demolition Plan	SD-01 Preconstruction Submittals												
		02 41 00	Selective Demolition	1.6.2	Waste Disposal Receipts	SD-07 Certificates												
		03 11 14	Formwork for Concrete	1.7	Form Work - Shop Drawings	SD-02 Shop Drawings												
		03 11 14	Formwork for Concrete	2.1	Form Work Accessories - Product Data	SD-03 Product Data												
		03 11 14	Formwork for Concrete	1.9	Field Inspection Reports - Formwork Placement - QC	SD-06 Test Reports												
		03 15 13	Joints & Waterstop	3.1	Waterstop Layout - Shop Drawings	SD-02 Shop Drawings												
		03 15 13	Joints & Waterstop	2.1.1	Preformed Expansion Joint Filler Strips - Product Data	SD-03 Product Data												
		03 15 13	Joints & Waterstop	2.1.2.1	Field Molded Sealants & Primer - Product Data	SD-03 Product Data												
		03 15 13	Joints & Waterstop	2.1.2.2	Compression Seals & Lubricant - Product Data	SD-03 Product Data												
		03 15 13	Joints & Waterstop	2.1.2.3	Concrete Slope Paving Joints Sealers - Product Data	SD-03 Product Data												
		03 15 13	Joints & Waterstop	2.2.1	Non-Metallic Waterstops - Product Data	SD-03 Product Data												
		03 15 13	Joints & Waterstop	2.1.1	Preformed Expansion Joint Filler Strips - Samples	SD-04 Samples												
		03 15 13	Joints & Waterstop	2.1.2.1	Field Molded Sealants & Primer - Sample	SD-04 Samples												
		03 15 13	Joints & Waterstop	2.1.2.2	Compression Seals & Lubricant - Sample	SD-04 Samples												
		03 15 13	Joints & Waterstop	2.1.2.3	Concrete Slope Paving Joints Sealers - Sample	SD-04 Samples												
		03 15 13	Joints & Waterstop	2.2.1	Non-Metallic Waterstops - Sample	SD-04 Samples												
		03 15 13	Joints & Waterstop	2.3.1.2	Non-Metallic Field Spiced Waterstop - Sample	SD-04 Samples												
		03 21 00	Reinforcing Steel	3.1	Reinforcement Bar - Shop Drawings	SD-02 Shop Drawings												
		03 21 00	Reinforcing Steel	2.1.1	Reinforcement Bar - Product Data	SD-03 Product Data												

DELAWARE DEPARTMENT OF TRANSPORTATION

23697 Dupont Boulevard, Georgetown, Delaware 19947

REQUEST FOR INFORMATION

TO: *(Area Engineer)* George Pierce, PE Group 3 Construction	DATE 1/10/17 RFI NO. **21** CONTRACT NO. T201207603 F.A.P. No.
FROM: Derek Fuller – KC Construction Company	PROJECT NAME: Hearns Pond Dam Improvements
SUBJECT: Joint Details, Waterstop, & Keyway Clarifications	ANSWER REQUIRED BY:
(Department Use Only) Forwarded to: *(name and date)*	Returned from: *(name and date)*
Forwarded to(2nd): *(name and date)*	Returned from(2nd): *(name and date)*

Description of the Request for Information (RFI):

Please find attached sketch. Review and comment if our understanding/clarifications are correct.

ATTACHMENT (1): Joint Clarifications

SIGNATURE *Derek Fuller – KC Construction*

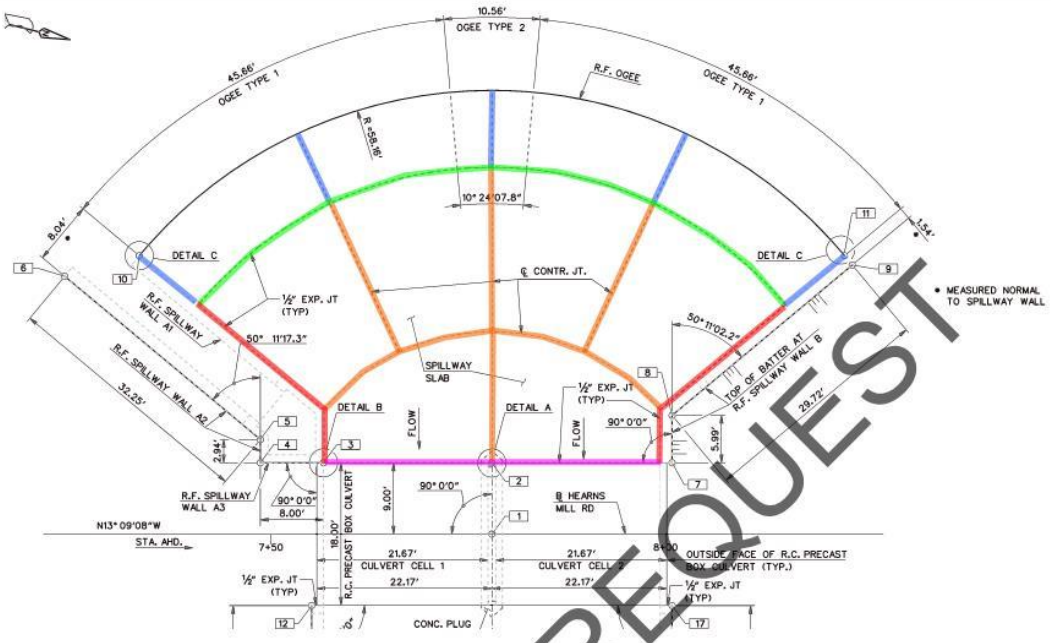
COPIES TO:

ANSWER DATE January 11, 2017

1. Slab to Slab - Agreed, no comment.
2. Slab to Culvert - Use Speed Dowel by Sika, 1 1/2" diameter smooth round dowel 20" long (PSD10), spaced at 30", epoxy coated dowels. Epoxy grout exposed dowel end into existing precast culvert pile cap. Dowels should be located at mid-depth of spillway slab. Ensure dowels are perpendicular to joint face in all directions.
3. Ogee to Slab - Agreed, no comment.
4. Ogee to Ogee - Agreed, bituminous coating for bond break is typical; between ogee to ogee, and ogee to walls A & B.
5. Slab to Walls - Agreed, no comment.

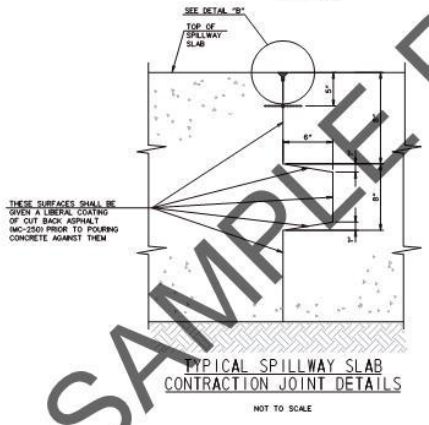
(Note any attachments) SIGNATURE

COPIES TO



LOCATION MAP

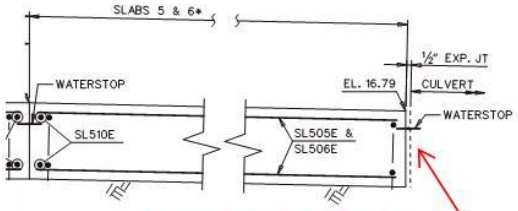
NOT TO SCALE



TYPICAL SPILLWAY SLAB CONTRACTION JOINT DETAILS

NOT TO SCALE

SLAB TO SLAB CONTRACTION JOINT

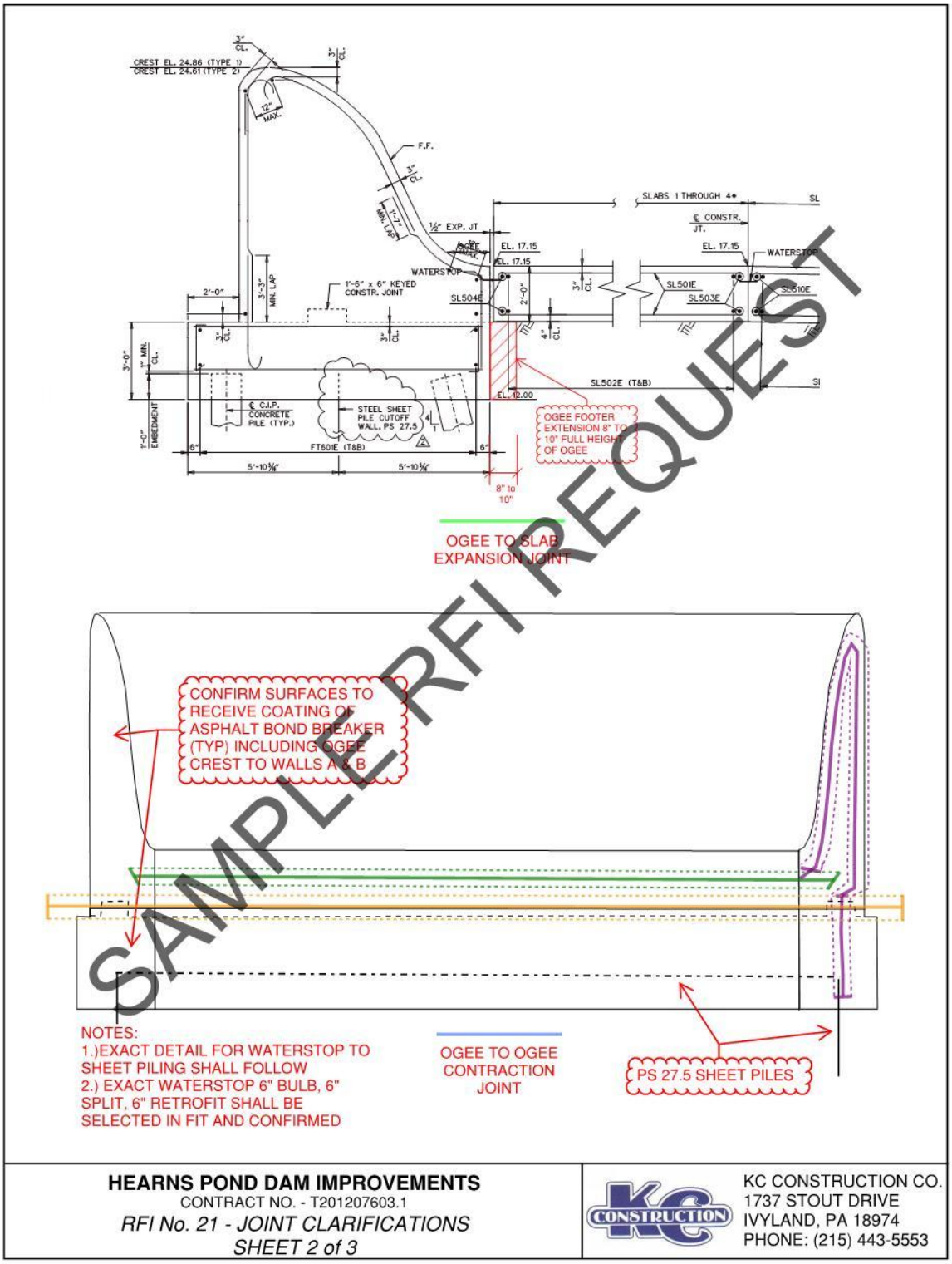


PLEASE CONFIRM WHAT TYPE OF DOWELING SHOULD BE INSTALLED

SLAB TO CULVERT EXPANSION JOINT

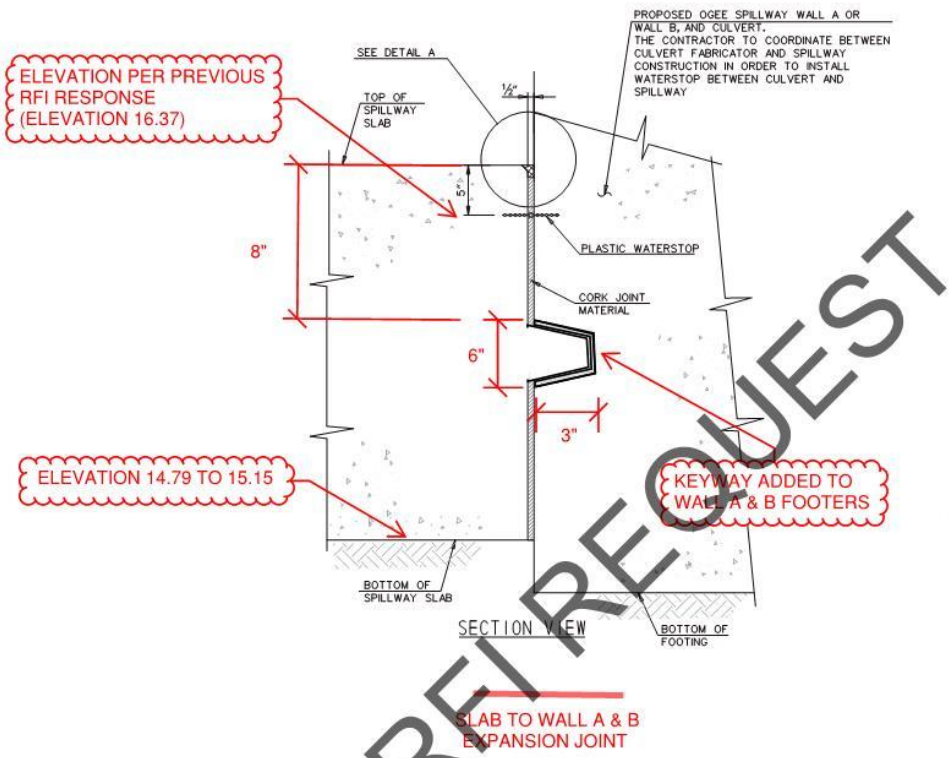
HEARNS POND DAM IMPROVEMENTS
CONTRACT NO. - T201207603.1
RFI No. 21 - JOINT CLARIFICATIONS
SHEET 1 of 3

KC CONSTRUCTION CO.
1737 STOUT DRIVE
IVYLAND, PA 18974
PHONE: (215) 443-5553



HEARNS POND DAM IMPROVEMENTS
CONTRACT NO. - T201207603.1
RFI No. 21 - JOINT CLARIFICATIONS
SHEET 2 of 3

KC CONSTRUCTION CO.
1737 STOUT DRIVE
IVYLAND, PA 18974
PHONE: (215) 443-5553



HEARNS POND DAM IMPROVEMENTS
CONTRACT NO. - T201207603.1
RFI No. 21 - JOINT CLARIFICATIONS
SHEET 3 of 3

KC CONSTRUCTION CO.
1737 STOUT DRIVE
IVYLAND, PA 18974
PHONE: (215) 443-5553

KC CONSTRUCTION CO.

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

KC Construction Company - 1737 Stout Drive, Ivyland, PA 18974 - (215) 443-5553 ph (215) 443-0354 fx

RFI LOG

Project: NJAW Raritan Millstone Long Term Flood Protection Project
Owner: New Jersey American Water Company
Engineer: AECOM
Contractor: KC Construction Company

RFI #	DESCRIPTION	DATE SUBMITTED	DATE RETURNED	NOTES
01	Vibration Monitoring	1/31/2017		
02	Utility Location	1/31/2017		
03	Utility Grouting Low Lift Pump Station	1/31/2017		
04	Project Sign Location	1/31/2017		
05	Profile View Clarification	1/31/2017		
06	Welded Wire Reinforcement			
07				
08				
09				

KC CONSTRUCTION COMPANY
1737 Stout Drive, Ivyland PA 18974
Ph: (215) 443-5553 Fax: (215) 443-0354

DAILY CONSTRUCTION REPORT

PROJECT:	Raritan Millstone LT Flood Control	**DAY:**	Thursday	**DATE:**	8/10/2017
PROJECT NO:	GC8286	**CONTRACT TIME:**	170	**of**	465/678
PROJECT LOCATION:	Bridgewater, NJ	**WEATHER CONDITIONS:**	Sunny		
REPORT BY:	Mieszko Strozek	**TEMP (°F):**	**AM-** 61	**PM-**	86

KC CONSTRUCTION PROGRESS

TASK NO.	TASK NARRATIVE	PERSONNEL COUNT	HOURS
400.1100	Combi-Wall Support	1	8
700.1100	Western Drying Bed fill	1	8
300.1035	Prep Floodwall and Bonding Cable Install, Northeast	3	8

Personnel	No.	Hr.
Office	2	
Surveyor	1	10
Operator	3	8
Foreman	1	8
Laborer	2	8
TOTAL		

SUBCONTRACTOR PROGRESS

SUBCONTRACTOR	PROGRESS	WORKFORCE
McCrossin	Combi-Wall: Grouted Pipe Piles P81, P82, P83.	9
Consolidated Fence	Continued work on final fence run connecting Northwest and Southwest runs.	2
R&W Concrete	Poured footings in the Southeast for Monolith's SE-4, SE-6, SE-8. Planned pour for Northeast Valve Vault was postponed to tomorrow.	6

GENERAL DISCUSSION, NOTES ON PROJECT, UPCOMING ISSUES, DELIVERIES, ETC.

-Continued filling Western Drying Bed from STA 705+00 to STA 703+00
-Continued installing bonding cables to sheets in the Northeast.
-Placed pumps for dewatering the Northeast Basin in preparation for fill

MATERIALS RECEIVED	SUPPLIER	TOTAL	COMMENTS
4" Minus Fill (Western Drying Bed)	Stavola Bound Brook Quarry	2103.99 Tons	82 Loads

ACCIDENTS / INJURIES & HAZARDOUS ACTIVITIES CONDUCTED

None

VISITORS TO SITE	COMPANY	PURPOSE
Jeff Bevacqua	French & Parello	Soil testing, Concrete Testing, Grout Testing

KC CONSTRUCTION COMPANY
1737 Stout Drive, Ivyland PA 18974
Ph: (215) 443-5553 Fax: (215) 443-0354

DAILY CONSTRUCTION REPORT

PROJECT: Raritan Millstone LT Flood Control **DATE:** 8/10/2017

Western Drying Bed (Showing STA 705+00 to STA 703+00)

KC CONSTRUCTION COMPANY
1737 Stout Drive, Ivyland PA 18974
Ph: (215) 443-5553 Fax: (215) 443-0354

DAILY CONSTRUCTION REPORT

PROJECT: Raritan Millstone LT Flood Control **DATE:** 8/10/2017

Western Drying Bed (Photo Taken from top of existing Levee near STA 703+00, looking North)

KC CONSTRUCTION COMPANY
1737 Stout Drive, Ivyland PA 18974
Ph: (215) 443-5553 Fax: (215) 443-0354

DAILY CONSTRUCTION REPORT

PROJECT: Raritan Millstone LT Flood Control **DATE:** 8/10/2017

Footing poured for Monolith SE-8

KC CONSTRUCTION CO.
1737 Stout Drive, Ivyland, PA 18974 | 215-443-5553

KC Construction Company - 1737 Stout Drive, Ivyland, PA 18974 - (215) 443-5553 ph (215) 443-0354 fx

CHANGE ORDER LOG

Project: NJAW Raritan Millstone Long Term Flood Protection Project
Owner: New Jersey American Water Company
Engineer: AECOM
Contractor: KC Construction Company

PCO #	ACTION	NJAW ISSUED CO #	DESCRIPTION	DATE SUBMITTED	DATE RETURNED	COST IMPACT	APPROVED CO COST	NOTES
COR 01.A	APPROVED	CO#1	Relocation of 2" Sanitary Forcemain to High Road	5/4/2017	5/4/2017	$ (11,767.00)	$ (11,767.00)	KCC revised trench to 200LF x 2' and corrected burden rate
COR 02.A1	APPROVED	CO#2	Jet Grouting 6" Gas Main Northeast Levee 2 - 6'	8/3/2017	11/15/2017	$ 33,153.67	$ 11,304.96	APPROVED
COR 03.A	APPROVED	CO#2	Jet Grouting 48" Water Main Northeast Levee 4-8'	8/3/2017	11/15/2017	$ 36,072.11	$ 36,072.11	APPROVED
COR 04	APPROVED	CO#1	High Road Aerial Communication Line Demo	4/24/2017	5/9/2017	$ 1,918.35	$ 1,918.35	
COR 05	APPROVED	CO#1	High Road Electrical Orientation Confirmation	4/24/2017	5/9/2017	$ 2,664.38	$ 2,664.38	
COR 06.B	APPROVED	CO#1	Cedar Hill Access Roadway Widening	5/16/2017	5/26/2017	$ 85,349.00	$ 85,349.00	
COR 07	APPROVED	CO#2	Additional Underground Electrical Duct Bank Trench	5/12/2017	11/15/2017	$ 3,392.83	$ 3,392.83	
COR 08.2	APPROVED	CO#2	Revisions to Jet Grouting Scope as per RFI No. 31 Response	9/6/2017	11/15/2017	$(104,737.48)	$(104,737.48)	
COR 09.A	APPROVED	CO#1	RFI 34 Sludge Line Removal	5/26/2017	5/26/2017	$ 4,267.78	$ 4,267.78	
COR 10.A	APPROVED	CO#2	U-Culvert Joint Revisions	6/23/2017	11/15/2017	$ (11,810.50)	$ (11,810.50)	
COR 11.1	PENDING		Toe Drain Revisions - REV 1	10/26/2017		$ 133,785.00	$ -	
COR 12.1	APPROVED	CO#2	Western Drying Bed	8/23/2017	11/15/2017	$ 119,467.25	$ 119,467.25	
COR 13.1	APPROVED	CO#2	High Road Electrical Pole B Modification	8/16/2017	11/15/2017	$ 98,328.62	$ 98,328.62	Approved orally by Manoj on 8/31
COR 14	APPROVED	CO#2	60" Flow Meter Temporary Electric Service	7/12/2017	11/15/2017	$ 13,398.34	$ 13,398.34	Approved orally by Manoj
COR 15.2	APPROVED	CO#2	Combi Wall Down Time - REV 2	10/30/2017	11/15/2017	$ 72,629.92	$ 72,629.92	
COR 16	APPROVED	CO#2	60" Sampling Line Fix - Northeast	7/20/2017	11/15/2017	$ 852.78	$ 852.78	
COR 17	APPROVED	CO#2	Flood Gates - Equipment Side Change	8/7/2017	11/15/2017	$ 8,625.00	$ 8,625.00	
COR 18	APPROVED	CO#2	Flood Gates - Protective Shields	8/7/2017	11/15/2017	$ 6,785.00	$ 6,785.00	9/18: Manoj is okay with KCC procurring them, per AECOM
~~COR 19~~	~~REJECTED~~		~~Flood Gates - Spare Air Bladder Tubes~~	~~8/7/2017~~		~~$ 37,368.90~~	$ -	No longer desired by NJAW
COR 20.1	APPROVED	CO#2	Admin. Building Storm Drainage	9/20/2017	11/15/2017	$ 17,028.00	$ 17,028.00	Approved orally by Manoj
COR 21.2	PENDING	CO#2	Northwest Embankment Unsuitable Materials - REV 2	10/30/2017	11/15/2017	$ 130,594.75	$ 130,594.75	
COR 22	PENDING		North Wall Electrical Relocation	9/29/2017		$ 260,432.00	$ -	
COR 23	PENDING		Combi-Wall Clean Up	10/25/2017		$ 75,567.54	$ -	
~~COR 24~~	~~PENDING~~		~~Southwest Sampling Vault~~	~~11/7/2017~~		~~$ 61,393.00~~	$ -	
COR 24.A	PENDING		Southwest Sampling Vault	2/21/2018		$ 72,709.35	$ -	
COR 25	PENDING		Presray Flood Gates Inspection	11/7/2017		$ 8,428.75	$ -	
COR 26	PENDING		RFI 60 Gate 5 Utility Lowering	11/7/2017		$ 55,287.00	$ -	
COR 27	PENDING		North Gate PSE&G Gas Line Encasing	11/10/2017		$ 88,235.00	$ -	
COR 28	PENDING		Northeast Drain Line Extension	1/30/2018		$ 67,533.00	$ -	
COR 29	PENDING		Basin 3 & 4 Electrical Reconnection	2/21/2018		$ 36,080.00	$ -	
							$ 484,364.09	

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

SECTION 3.
Staffing Plan

KC Construction Co.

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

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 3. Staffing Plan

T-3A Staffing Resources

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-3A: Staffing Resources

KC Construction Company anticipates deploying a combination of heavy equipment operators, skilled and unskilled laborers, carpenters, and articulated off-road truck drivers to support the successful execution of the Marquette Lake Dam Rehabilitation Project. The scope of work includes, but is not limited to:

- Selective demolition
- Excavation
- Drainage pipe installation
- Embankment fill
- Site restoration

As outlined in our Work Plan, multiple crews will operate concurrently across various work areas, with 10–15 workers expected on-site at any given time. KC Construction maintains a robust pool of skilled employees, well in excess of the anticipated project requirements.

KC Construction is signatory to local trade unions, including:

- International Union of Operating Engineers Local 542
- Laborers' International Union of North America Local 158

Should additional staffing be required, KC will coordinate with these unions to source qualified operators and laborers.

Equal Employment Opportunity & Affirmative Action

KC Construction Company is committed to equal employment opportunity and affirmative action. We ensure fair treatment of all qualified individuals regardless of:

- Race
- Color
- Religion
- Sex
- National origin
- Age
- Disability
- Veteran status

This commitment applies to all aspects of employment, including:

- Hiring and placement
- Promotion and transfer
- Compensation and benefits
- Training and development
- Layoff and termination

KC Construction complies fully with all applicable statutes, regulations, and executive orders related to equal employment opportunity and affirmative action.

The designated Equal Employment Opportunity Officer is:

Doreen Fortnum
Phone: 215-443-5553

KC Construction encourages all qualified applicants to apply and actively supports the referral of qualified minority and female candidates by current employees.

Subcontractor Staffing Requirements

All subcontractors are required to submit verification of staffing capability prior to the commencement of their work. This ensures that each subcontractor can adequately man their scope with skilled labor in accordance with project demands.

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 3. Staffing Plan

T-3B Skill Training

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-3B: Skills Training

KC Construction Company is committed to maintaining a highly skilled and safety-conscious workforce through a combination of federally registered apprenticeship programs, union training, and in-house skill assessments.

In-House Training Program

All newly hired skilled personnel—including operators, truck drivers, and laborers—undergo on-site training assessments to evaluate their readiness and proficiency for assigned tasks. Key components of our in-house training include:

- Equipment operation and maintenance training by manufacturer representatives
- Off-road truck driving skills
- Placement of large-diameter riprap
- Excavation and placement of embankment toe drains and blanket drainage materials
- Safe operation of excavators on side slopes
- Safe use of hand tools and compaction equipment
- Installation of underground utilites

These assessments ensure that our personnel possess the necessary proficiencies to deliver high-quality work, safely and efficiently, while meeting project timelines and budgets.

Union-Based Training Programs

KC Construction is signatory to the Operating Engineers and Laborers' Unions in Pennsylvania, New Jersey, and Maryland. Union members receive training in state-of-the-art facilities on the latest equipment models, including those equipped with advanced technology and GPS systems.

Union training programs offer:

- Skill development for apprentices, mechanics, field engineers, and journeymen
- Cross-training opportunities to expand capabilities
- Instruction on emerging technologies and equipment advancements

Full-time instructors provide comprehensive training in:

- Heavy equipment operation
- Emergency response

- Hazardous waste operations
- OSHA compliance

Training resources include a wide range of equipment, tools, simulators, and instruments, such as:

- Cranes
- Millers and pavers
- Backhoes
- Dozers
- Side booms
- Pile drivers
- Saws
- Plate compactors
- Pipe welders

These programs ensure that KC Construction is consistently staffed with safe, skilled, and efficient operators capable of meeting the demands of complex infrastructure projects.

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 3. Staffing Plan

T-3C Workforce Safety

KC Construction Co.

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

WHITE OAK POND DAM REHABILITATION
PROJECT NO. DGS C-0199-0090 PHASE 1

TECHNICAL SUBMITTAL

T-3C Workforce Safety

KC Construction Company is committed to maintaining a safe and compliant work environment for all personnel, clients, and subcontractors. Safety is a shared responsibility, and every employee is accountable for their own safety and the safety of others, including client personnel and property.

All employees are required to comply with:

- KC Construction's Health and Safety Program
- Federal and State safety regulations
- Craft-specific safety practices
- Client-specific Safety, Health, and Environmental Policies and Procedures
- Posted safety instructions, including signage, barricades, barriers, and permit requirements

Employee Screening & Training

- All new employees undergo physical examinations and drug testing in accordance with KC's Drug and Alcohol Abuse Policy.
- Mandatory post-accident drug and alcohol screening is enforced.
- Supervisors must hold current OSHA 30-hour and CPR/First Aid certifications.
- Additional OSHA and task-specific training (e.g., OSHA-10, Fall Protection, Forklift, Signal Person, Confined Space, Competent Person) is provided as required.
- Training is conducted by KC's Safety Manager, Thomas O'Connell, or qualified third-party providers.

Site-Specific Health and Safety Plan (SSHASP)

Upon contract award, KC Construction will prepare and submit a Site-Specific Health and Safety Plan (SSHASP) tailored to the project scope. The SSHASP will include:

- Scope of Work – Defines the contracted tasks and guides safety planning
- Contact Information – Includes email and phone numbers for responsible site personnel

General Safety Topics:

General Safety Rules	Safe Operation of Motor Vehicles
Personal Protective Equipment	Fire Prevention and Protection
Emergency Procedures	Incident Reporting and Investigation
STOP Work Program	Hand and Power Tool Safety

General Safety Rules	Safe Operation of Motor Vehicles
Ladders	Scaffolds
Asbestos Awareness	Silica Awareness

Project-Specific Safety Topics:

- Fall Protection / Prevention
- Confined Space Entry
- Excavation Safety
- Crane and Mobile Equipment Safety
- Rigging
- Working Over or Near Water

Training & Certification

All employees assigned to the project will be trained, qualified, and/or certified for their specific tasks. Documentation will include:

- Course descriptions and training outlines
- Certification records
- Training sign-in sheets

Training Programs Include:

- OSHA 10-hour Construction Outreach (general employees)
- OSHA 30-hour Construction Outreach (forepersons and above)
- Fall Protection (including Competent Person)
- Excavation Safety (including Competent Person)
- Confined Space Entry and Rescue
- Asbestos and Silica Awareness

Safety Oversight & Documentation

- Weekly Safety Meetings – Conducted and documented per contract requirements
- Job Hazard Analysis (JHA) – Used to identify hazards and implement safe work practices
- Subcontractor Safety Management – Subcontractor safety plans will be reviewed to ensure alignment with project safety standards

KC Construction has retained a professional safety consultant to develop the SSHASP, conduct training, and ensure compliance with all applicable Federal (OSHA), State, local, and client regulations.

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

PART 4.
Supporting Documentation

KC Construction Co.

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

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 4. Supporting Documents

T-4A Proposal Signature Page (COPY)

KC Construction Co.

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

APPENDIX A

PROPOSAL SIGNATURE PAGE

APPENDIX A
PROPOSAL SIGNATURE PAGE

Proposer's Representations and Authorizations. Proposer by signing this Proposal Signature page and submitting its proposal understands, represents, acknowledges and certifies that:

a. All information provided by, and representations made by, the Proposer in the proposal are material and important and will be relied upon by the Proposal Evaluation Committee in reviewing the Proposal and by DGS in awarding the contract. Any misrepresentation of a material fact or omission of material fact by the entity submitting the proposal shall be treated as fraudulent concealment from the Commonwealth of the true facts relating to the submission of the proposal. If the misrepresentation and/or omission of material fact is discovered during the review of the proposal, the proposal will be automatically disqualified. Discovery of the misrepresentation and/or omission of material fact after contract award constitutes grounds for defaulting the contractor and may lead to debarment procedures being instituted against the contractor. A misrepresentation shall be punishable under 18 Pa. C.S. § 4904.

b. Proposer acknowledges that they have received, read and understood all Addenda issued for the Project.

c. The price and amount of this proposal have been arrived at independently and without consultation, communication or agreement with any other Proposer or potential Proposer.

d. Neither the price nor the amount of the proposal, and neither the approximate price nor the approximate amount of this proposal, have been disclosed to any other firm or person who is a Proposer or potential Proposer, and they will not be disclosed on or before the proposal submission deadline specified in the Notice to Proposers and the Calendar of Events.

e. No attempt has been made or will be made to induce any firm or person to refrain from submitting a proposal on this contract, or to submit a proposal higher than this proposal, or to submit any intentionally high or noncompetitive proposal or other form of complementary proposal.

f. The proposal is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive proposal.

g. To the best knowledge of the person signing the proposal for the Proposer, the Proposer, its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any local, state or federal governmental agency and have not in the last four (4) years been convicted or found liable for any act

prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding or proposing on any public contract, except as disclosed by the Proposer in its proposal.

h. To the best of knowledge of the person signing the proposal for the Proposer and except as otherwise disclosed by the Proposer in its proposal, the Proposer has no outstanding, delinquent obligations to Commonwealth including, but not limited to, any state tax liability not being contested on appeal or other obligation of the Proposer that is owed to Commonwealth.

i. The Proposer is not currently under suspension or debarment by Commonwealth, or any other local, state, or the federal government. If the Proposer cannot so certify, then it shall submit along with its proposal a written explanation of why it cannot make such certification.

j. The Proposer has not, under separate contract with the DGS made any recommendations to DGS concerning the need for the services described in the proposal or the specifications for the services described in the proposal.

k. Each Proposer, by submitting its proposal, authorizes all Commonwealth agencies to release to Commonwealth information related to liabilities to Commonwealth of Pennsylvania including, but not limited to, taxes, unemployment compensation, workers' compensation liabilities and Prevailing Wage Act.

l. Until the selected Proposer receives a fully executed and approved written contract from the DGS, there is no legal and valid contract in law or in equity, and the Proposer should not begin to perform work. If a Letter of Intent has been issued, the Proposer may proceed in accordance with the terms of the Letter.

m. Proposer is not currently engaged, and will not during the duration of the contract engage, in a boycott of a person or an entity based in or doing business with a jurisdiction which the Commonwealth is not prohibited by Congressional statute from engaging in trade or commerce; and is eligible to contract with the Commonwealth under Section 3604 of the Procurement Code.

n. Proposer agrees and certifies to abide by, but not be limited to, the Commonwealth of Pennsylvania Acts, Provisions, Clauses, and Statements stated in the Contract Documents.

I am authorized to sign this proposal on behalf of the Proposer and I agree and state that KC Construction Co. (Name of Firm) understands and acknowledges that the above representations are material and important, and will be relied upon by the Proposal Evaluation Committee and the Department of General Services in awarding the contract(s) for which this proposal is submitted. I understand and my firm understands

that any misstatement shall be treated as fraudulent concealment from the Department of General Services of the true facts relating to the submission of this proposal.

PROPOSER IS A CONTRACTOR/INDIVIDUAL:

Witness: By:

_____ _____
Contractor / Individual

PROPOSER IS A LIMITED LIABILITY COMPANY (LLC) OR PARTNERSHIP:

Witness: By:

_____ _____
General Partner / Authorized LLC Member

By:

_____ _____
Limited Partnership

PROPOSER IS A CORPORATION:

Attest: By:

_____ _____
Secretary/Treasurer President/Vice-President
Gino Yannuzzelli John V. Lima

PROPOSER IS A JOINT VENTURE:

Attest: By:

_____ _____
Secretary President

Attest: By:

_____ _____
Secretary President

White Oak Pond Dam Rehabilitation

Project No. DGS C-0199-0090 Phase 1

TECHNICAL SUBMITTAL

Section 4. Supporting Documents

T-4B Non-Collusion Affidavit (COPY)

APPENDIX B

Non-Collusion Affidavit

Appendix B
NON-COLLUSION AFFIDAVIT

INSTRUCTIONS FOR NON-COLLUSION AFFIDAVIT

1. This Non-collusion Affidavit is material to any contract awarded pursuant to this proposal. According to §4507 of the Commonwealth Procurement Code, 62 Pa. C.S. §4507, governmental agencies may require Non-collusion Affidavits to be submitted with proposals.

2. This Non-collusion Affidavit must be executed by the member, officer, or employee of the Proposer who makes the final decision on prices and the amount quoted in the proposal.

3. Bid rigging and other efforts to restrain competition, and the making of false sworn statements in connection with the submission of proposals are unlawful and may be subject to criminal prosecution. The person who signs the affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the Proposer with responsibilities for the preparation, approval or submission of the proposal.

4. In the case of a proposal submitted by a joint venture, each party to the venture must be identified in the proposal documents and an affidavit must be submitted separately on behalf of each party to the joint venture.

5. The term "complementary proposal" as used in the affidavit has the meaning commonly associated with that term in the proposal process, and includes the knowing submission of proposals higher than the proposal of another firm, any intentionally high or noncompetitive proposal, and any other form of proposal submitted for the purpose of giving a false appearance of competition.

6. Failure to submit a Non-collusion affidavit with the Proposal in compliance with these instructions may result in disqualification of the proposal.

NONCOLLUSION AFFIDAVIT

State of Pennsylvania :
County of Bucks : s.s.

DGS Project Number: A-0199-0090.1

I state that I am the President (Title) of Kc Construction Co. (Name of Firm) and that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for the prices(s) and the amount of this proposal.

I state that:

1. The price(s) and amount of this proposal have been arrived at independently and without consultation, communication or agreement with any other contractor, proposer, or potential proposer.
2. Neither the price(s) nor the amount of this proposal, and neither the approximate price(s) nor approximate amount of this proposal, have been disclosed to any other firm or person who is a proposer or potential proposer, and they will not be disclosed before the proposal submission date.
3. No attempt has been made or will be made to induce any firm or person to refrain from proposing on this contract, or to submit a proposal higher than this proposal, or to submit any intentionally high or noncompetitive proposal or other form of complementary proposal.
4. The proposal of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive proposal.
5. Kc Construction Co. (Name of Firm) its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any governmental agency and have not in the last three years been convicted or found liable for any act prohibited by state or federal law in any jurisdiction, involving conspiracy or collusion with respect to proposing and/or bidding on any public contract, except as follows: N/A

I state that Kc Construction Co. (Name of Firm) understands and acknowledges that the above representations are material and important, and will be relied upon by the Department of General Services in awarding the contract(s) for which this proposal is submitted. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from the Department of General Services of the true facts relating to the submission of this proposal.

(Signature)

John V. Lima
(Signatory's Printed Name)

President
(Signatory's Title)

SWORN TO AND SUBSCRIBED BEFORE ME THIS 13 DAY OF December 2023.

Notary Public

My Commission Expires 7.20.2026

Commonwealth of Pennsylvania - Notary Seal
Michele Parkinson, Notary Public
Bucks County
My commission expires July 20, 2026
Commission number 1271781
Member, Pennsylvania Association of Notaries