



COUNCIL of GOVERNMENTS CENTRAL NAUGATUCK VALLEY

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Qualification Statement Submittal Form for Regulatory Dam Inspection Services and Other Dam Safety Related Engineering Services

Please save this document locally, fill in all applicable fields, and attach to your submittal e-mail.

A. Company Contact Information:

Company Name:	Alfred Benesch & Company		
Street Address:	90 National Drive	City:	Glastonbury
		State:	CT
		Zip Code:	06033
		Phone:	860-633-8341
		E-Mail:	jfuda@benesch.com
Web Address:	www.benesch.com	Primary Contact:	James L. Fuda, PE

Is this company registered to practice as a Professional Engineering Corporation in the State of Connecticut? YES NO

CT Registration#: PEC.0001421

B. Company Description:

Since our founding in 1946, Alfred Benesch & Company has specialized in providing civil and structural engineering services to our clients in transportation and infrastructure development. Today, we are a multi-disciplined engineering and environmental services firm with clients across the country. Our projects range in size and complexity from large scale, high-profile public improvements to smaller, more focused assignments. Our clients include federal, state and municipal government agencies, real estate developers, private corporations and architectural firms.

In October 2012, James P. Purcell Associates, Inc., a New England based civil, structural and transportation engineering firm with offices in Glastonbury, CT and Boston, MA merged with Alfred Benesch & Company (Benesch). Purcell will become the New England regional presence for Benesch.

"This is a very exciting move for Purcell. Merging with Benesch provides great opportunity to pursue more complex projects here in the northeastern United States, while maintaining our firm culture that has been built on decades of tradition" said, Wally Ivers, President of Purcell. "We look forward to what the future holds for Benesch".

Benesch employs more than 600 professional and support personnel across 11 states: Colorado, Connecticut, Illinois, Kansas, Massachusetts, Michigan, Nebraska, Ohio, Pennsylvania, Tennessee, Wisconsin and Washington D.C. We employ engineers, scientists, construction managers and designers that rank among the highest in their professions. Numerous professional accolades have been awarded to our employees for outstanding contributions in their fields. They augment their expertise by utilizing advanced design and construction concepts, combined with the latest technology to create practical solutions.

Our services range from initial planning and feasibility studies through to construction management. We have designed complex highway interchanges, new commuter railway systems and major river bridges. Our personnel have inspected thousands of railroad and highway bridges, supervised miles of interstate construction work and managed the renovations of train stations, airport facilities, schools and intermodal rail yards.

Benesch is consistently ranked among the top 500 consulting engineering firms in the United States by Engineering News Record. Our reputation speaks for itself among industry peers and clients. The frequency of repeat business is indicative of our steadfast dedication to providing quality services. Benesch has extensive experience in Connecticut with flood control projects and established relationships with CT-DEEP, the US Army Corps of Engineers New England District, and FEMA.

C. Staff Information

For key staff members that may be assigned dam safety related tasks, please provide the following information. For each staff member listed, attach a current resume to the submittal e-mail.

Staff 1 Name:	James Fuda	Title:	Principal-in-Charge
Primary Duties:	Oversees and facilitates Benesch team.	Connecticut P.E. License #:	PEN.0051389
		Relevant Years Experience:	40 Resume Attached <input checked="" type="checkbox"/>
Staff 2 Name:	Jennifer M. Kowalonek, P.E.	Title:	Project Manager
Primary Duties:	Project Manager and prime client contact.	Connecticut P.E. License #:	N/A PA PE061875
		Relevant Years Experience:	16 Resume Attached <input checked="" type="checkbox"/>
Staff 3 Name:	Sean P. Reilly	Title:	Resident Project Representative
Primary Duties:	Dam inspections, repairs, and EAPs.	Connecticut P.E. License #:	N/A
		Relevant Years Experience:	7 Resume Attached <input checked="" type="checkbox"/>
Staff 4 Name:	Jeffrey Koerner, PE	Title:	Hydraulics/Hydrology & Environmental Permitting
Primary Duties:	Hydraulics/hydrology, & env. permitting.	Connecticut P.E. License #:	PEN.0014897
		Relevant Years Experience:	30 Resume Attached <input checked="" type="checkbox"/>
Staff 5 Name:	Robert Newton, PE	Title:	Senior Civil Engineer
Primary Duties:	Civil engineering and Hydrology/hydraulics.	Connecticut P.E. License #:	PEN.0020662
		Relevant Years Experience:	20 Resume Attached <input checked="" type="checkbox"/>

D. Services:

Please check the box next to any service your firm is qualified to undertake and interested in providing. If your firm offers other specialized dam-related services, please list them in the space provided. In following sections you will be asked to explain qualifications and provide examples of previous work and references for each service you check or list.

Dam Inspection <input checked="" type="checkbox"/>	Inundation Modeling and Mapping <input checked="" type="checkbox"/>	Other Specialized Dam Safety Related Services: Site Survey/GIS; Environmental Engineering & Permitting; Bridge Design & Repair; Construction Management/Construction Inspection
Dam Emergency Action Plan Preparation <input checked="" type="checkbox"/>	Hydrologic and Hydraulic Studies <input checked="" type="checkbox"/>	
Dam Operations and Management Plan Preparation <input checked="" type="checkbox"/>	Stability Analysis <input type="checkbox"/>	
Dam Repair Plan Preparation <input checked="" type="checkbox"/>	Underwater Investigation <input type="checkbox"/>	
Dam Removal Plan Preparation <input checked="" type="checkbox"/>	Dam Repair and Construction Monitoring <input checked="" type="checkbox"/>	

E. Qualifications:

Please explain your firm's qualifications for each service checked or listed in section D.

Alfred Benesch & Company (Benesch) understands that water resources management requires stewardship of a precious commodity. It takes careful planning to assure that your systems are adequate, reliable and economical. From stormwater management to dams to watershed protection and everything in between, the Benesch team stays up to date on Best Management Practices for the entire water cycle. We believe in helping our clients develop solutions that provide value while respecting the environment.

STAFF QUALIFICATIONS: The Benesch team featured in these qualifications is comprised of Connecticut-licensed registered professional engineers and in-house specialty dam inspection and design experts who can respond to the varying needs of the Central Naugatuck Valley Council of Government's (COGCNV) member communities. Jim Fuda, PE, Benesch's Connecticut Division Manager, will serve as Principal-in-Charge. Jim brings 40 years of diverse experience to this endeavor—including project oversight for multiple Flood Control projects in Connecticut and Massachusetts—and will ensure appropriate resources are available for individual assignments. Our proposed project manager, Jennifer Kowalonek, PE, LEED AP, has extensive experience performing and reviewing Dam Inspections; preparing Emergency Action Plans (EAPs) and Operation and Maintenance (O&M) Plans; designing dam repair and removal projects, models and maps inundation areas, and developing Hydrologic and Hydraulic studies. Jennifer's field experience extends to monitoring dam repair and construction and observing underwater investigations completed by subcontractors. She is supported in the field by Sean Reilly who has over five years' experience monitoring dam repair and construction projects. Sean has also completed Dam Inspections and prepared EAPs for several projects and observed underwater investigations completed by subcontractors. Jeff Koerner, PE and Rob Newton, PE, LEED AP, round out the Benesch team. Jeff is an approved Connecticut Department of Transportation (CTDOT) hydraulics engineer and both Jeff and Rob are experienced in the preparation of CT-DEEP Inland Wetlands, Stream Channel Encroachment, Floodplain Management Certification and permits from the CT-DEEP Office of Long Island Sound Programs, as well as permits from the US Army Corps of Engineers. The company also has a listing of divers and other specialty sub-consultants from which to draw should the need arise. The Benesch team has reviewed the State's listing of High and Significant Hazard Dams and Listing of High, Significant, and Moderate Hazard Dam Owners and Dams in Connecticut and is familiar with Connecticut's current Dam Safety Program and the types of EAPs and O&M manuals the state utilizes. Resumes for our proposed team are provided with this submittal.

COMPARABLE ENGINEERING EXPERIENCE: Dams and reservoirs can serve a number of different functions, but one of their main purposes is to maintain an area's water supply. As with any asset, these facilities need proper maintenance to work effectively. Benesch has completed dozens of dam and reservoir projects, and we can help you with most any challenge that can arise. The examples of our previous work featured in Section F highlight our ability to perform services ranging from Dam Inspection, Dam EAP Preparation and Dam O&M Plan Preparation to Dam Repair and Removal Plan Preparation, Inundation Modeling and Mapping to Hydrologic/Hydraulic Studies and Dam Repair and Construction Monitoring. We are experienced at working with public agencies and state departments' of environmental protection in order to protect the health, safety, and welfare of their citizens and property. This is evidenced through Benesch's involvement on the Indian Run Dam Rehabilitation in Schuylkill County, PA where we corrected deficiencies to this Unsafe High Hazard Dam. Constructed during a year with record rainfalls and a full pool of water in the reservoir, all project goals and schedules were met. The project went on to win the 2013 ACEC Diamond Award.

OTHER SPECIALIZED DAM SAFETY RELATED SERVICES: If your project requires services outside of what is typically considered water related engineering services, you can rely on Benesch to provide quick solutions that keep your project moving forward. These issues may not come up every day, but when they do, they can be critical to the overall project schedule. Our in-house staff is versed in almost every engineering discipline, providing access to a broad knowledge base of individuals in site survey/GIS, Environmental Engineering and Permitting, Bridge Design and Repair and Construction Management and Inspection. Regardless of project type, size, or complexity, Benesch can assist you when you need it most. All within one firm, we offer the depth of resources to quickly assess your project needs and then assign the appropriate manpower to the proactive pursuit of a design solution.

INDEMNIFICATION AND HOLD HARMLESS: LIABILITY WAIVER: While Alfred Benesch & Company agrees to the terms and conditions in the Indemnification and Hold Harmless Agreement and Release, it would like to recommend that COGCNV include a conditional language warning to Dam Owners that COGCNV is merely providing information on consultants that meet general qualifications, and that the Dam Owners are making a choice of consultant "at their sole risk." This type of conditional statement would further protect COGCNV from a dispute with a Dam Owner.

F. Examples of Previous Work:

For each service checked or listed in section D, provide at least one comparable project completed by your firm within the past 10 years. Provide a brief description of the service rendered, the project name and location (Town and State), dam class, and a customer reference name and contact information (phone and/or e-mail)

Service Provided	Dam Name and Location	Dam Class	Customer Reference Name	Customer Reference E-mail/ Phone
Dam Removal Design	Mill Dam, South Heidelberg Township, PA	C	Laura Jarmuzek, PA DGS	ljarmuzek@pa.gov 717.787.6200
Dam Rehabilitation, Annual Inspection, Inundation Map,H&H Report, and EAP	Kauffman Dam, New Castle Township, PA	C	Patrick Caulfield, SCMA Exec. Director	pcaulfield@scmawater.com; 570.622.8240
Dam Rehabilitation, O&M Plan, Annual Ins Inundation Map,H&H Report, and EAP	Upper and Lower Owl Creek Dams; Tamaqua, PA	C	Kevin Steigerwalt, Tamaqua Borough Mgr.	ksteigerwalt@verizon.net; 570.668.0300
Dam Rehabilitation, O&M Plan, Annual Ins Inundation Map,H&H Report, and EAP	Ashland Dam Butler Township, PA	B	Patricia Moyer, AAMA Secretary	pat.moyer @ashland borough; 570.875.2411
Dam Rehabilitation, O&M Plan, Inundation Map,H&H Report, and EAP	Whippoorwill Dam; West Mahanoy Township, PA	BB	Ron Jordon, Council President	Ron.Jordan@sapagroup.com; 570.874.3860
Dam Rehabilitation, O&M Plan, Inundation Map,H&H Report, and EAP	Lofty Dam Kline Township, PA	A	Joseph Fegley, MTA Manager	mahanoyw@ptd.net 570.773.0650
Dam Rehabilitation, Annual Inspection, Inundation Map,H&H Report, and EAP	Mount Laurel Dam, New Castle Township, PA	C	Patrick Caulfield, SCMA Exec. Director	pcaulfield@scmawater.com; 570.622.8240
Dam Rehabilitation, Annual Inspection, Inundation Map,H&H Report, and EAP	Indian Run Dam, Branch Township, PA	C	Patrick Caulfield, SCMA Exec. Director	pcaulfield@scmawater.com; 570.622.8240
Dam Rehabilitation, Annual Inspection, Inundation Map,H&H Report, and EAP	Pine Run Dam, New Castle Township, PA	C	Patrick Caulfield, SCMA Exec. Director	pcaulfield@scmawater.com; 570.622.8240
Annual Inspections and minor repairs	Various (4) MABS Dams in Schuylkill County, PA	B	Mary Lou Jaskierski, Manager, MABS	mlj@mabswater.com 570.462.1904
Annual Inspection, Inundation Map,H&H Report, and EA	Various MTA (5) Dams in Schuylkill County, PA	A, B and C	Joseph Fegley, MTA Manager	mahanoyw@ptd.net 570.773.0650
Dam Removal Design and Feasibility Study	Wetmore & Right Branch Wetmore , Galeton, PA	BB	Ben Hoppe, Chairman GBA	814.435.2275
Dam Rehabilitation Alternatives Analysis and Annual Inspection,	Eagle Rock Dams, Schuylkill & Luzerne, PA	C	Daniel Durange Construction Manager	570.384.1373
Annual Inspection, Inundation Map,H&H Report, and EAP	Lake Wynonah, Auburn, PA	C	Skip Wilhite, LWPOA Manager	570.739.4055
Comprehensive Flood Protection System Inspection and Improvements, MDCP Plan	East Hartford, CT	N/A	Denise Horan, PE Town Engineer	860.291.7380
Flood Protection System Improvements, MDCP Plan	West Springfield, MA	N/A	James Lyons, PE Town Engineer	413-263.3249
Flood Control System Improvements	Springfield, MA	N/A	Christopher Cignoli, PE City Engineer	413-75.2808