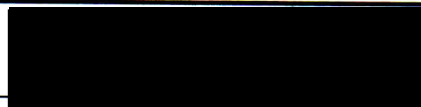


Committee on Energy and Commerce
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Kurt H. Vause		
2. Your Title: Chair, American Water Works Association Water Utility Council		
3. The Entity(ies) You are Representing: American Water Works Association		
4. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No x
5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2015. Only grants, contracts, or payments related to the subject matter of the hearing must be listed. (See attached).		
6. Please attach your curriculum vitae to your completed disclosure form.		

Signature: _____



Date: _____

5/16/17

Federal Grants – since Jan. 1, 2013

Grantee: Municipality of Anchorage d/b/a Anchorage Water Wastewater Utility

Grant Offer: **G15AC00112**

Granting Agency: United States Geological Survey

Title: Municipality of Anchorage 2015 LIDAR Acquisition

Period of Performance: 4/01/15 through 3/31/16

Award amount: \$175,000.

Purpose of Grant: This cooperative agreement provides support for the project titled: “Municipality of Anchorage 2015 LIDAR Acquisition.” The purpose is to obtain high quality LIDAR data. This data acquisition will further the goals related to infrastructure, watershed, hazard, and general community planning. The acquisition of 3D elevation will help Anchorage meet the goals of data acquisition and sharing, and will bring value to the construction industry, watershed, long term planning, and other entities, including the community at large.

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

For the year ending 12/31/16

As of 12/31/16

Total Expenditures										
Federal Agency Name	Pass Through Agency	Federal Program Title	CFDA Number	Other Identification Number	Grant Account #	Award Amount	Award Period	From Direct Awards	From Pass Through Awards	Total
U.S. Environmental Agency	University of North Carolina	Training and Technical Assistance to Improve Water Quality and Enable Small Public Water Systems to Provide Safe Drinking Water	66.424	Sub Award # 5-55161	#0215	245,000.00	7/1/14 - 6/30/16		245,000.00	245,000.00
U.S. Environmental Agency	Rural Community Assistance Partnership Inc	Training/Technical Assistance to Improve Water Quality & Enable Small Public Water Systems to Maintain Compliance with SDWA	66.424		#0216	344,386.00	8/1/15 - 1/31/17		334,503.10	334,503.10
U.S. Environmental Agency	University of North Carolina	Smart Management for Small Water Systems	66.424	Sub Award # 51042464	#0217	220,514.00	8/1/15 - 1/31/17		145,022.52	145,022.52
U.S. Environmental Agency	Rural Community Assistance Partnership Inc	Training/Technical Assistance for Small PWSs to Achieve and Maintain Compliance	66.424		#0218	200,027.00	8/1/16 -1/31/18		2,276.66	2,276.66
	University of North Carolina	Assistance to Small Public Water Systems to Provide Safe Drinking Water	66.424	Subaward No. 5106040	#0219	200,490.00	8/1/16 - 1/31/18		-	-
Total by CFDA			66.424			1,210,417.00		-	726,802.28	726,802.28
U.S. Department of Agriculture	World Resources Institute	Unlocking Green Bonds for Natural Infrastructure in the United States Water Sector	10.912	Project #04628	#0211	50,104.00	3/15/16-9/30/18	-	1,104.43	1,104.43
Total by CFDA			10.912			50,104.00			1,104.43	1,104.43
U.S. Department of Agriculture	Engineers Without Borders USA dba Community Engineering Corps(CECorps)	2015 Technical Assistance and Training Grant Program	10.761		#0225	45,847.00	10/1/15-09/30/16	-	41,002.24	41,002.24
	Engineers Without Borders USA dba Community Engineering Corps(CECorps)	2016 USDA Technical Assistance and Training Grant Program	10.761		#0226	56,893.93	10/1/16 - 9/30/16	-	8,526.99	8,526.99
Total by CFDA			10.912			45,847.00		-	41,002.24	41,002.24
U.S. Department of Commerce		Water Technology Exports and AWWA Standards Education	11.112	IT14INA1120003	#0237,0238,0239	299,955.00	10/1/14-09/30/17	265,038.79	-	265,038.79
Total by CFDA			11.112			299,955.00		265,038.79	-	265,038.79
National Institute of Homeland Security		Improving Cybersecurity in Small and Medium-Sized U.S. Water Utilities		09-16-AWWA	#0230	251,000.00	10/1/16-7/31/17	12,004.28	-	12,004.28

The Accompanying Notes to the Schedule of Expenditures of Federal Awards are an Integral Part of this Schedule.

						251,000.00				
Grand Total						1,857,323.00		277,043.07	768,908.95	1,045,952.02

RESUME
KURT H. VAUSE, P.E.

EDUCATION: M.S.C.E., University of Washington, 1980
B.S., Civil and Environmental Engineering, University of Wisconsin, 1978
Water Wastewater Leadership Center, University of North Carolina-
Chapel Hill (Kenan-Flagler Business School, 2003)

REGISTRATION: Civil Engineer, Alaska, 1983
Civil Engineer, Wisconsin, 1983

SUMMARY:

Since January 2016, Mr. Vause is Special Projects Director for the Anchorage Water and Wastewater Utility (AWWU), a publicly-owned utility serving approximately 255,000 residents of the Municipality of Anchorage, Alaska. In that capacity he provides policy direction, and execution of special programs of strategic importance. Special programs included work to establish utility service level standards, employee training in utility asset management practices, utility tariff associated with large water and wastewater transmission infrastructure, and a Fats, Oils, and Grease (FOG) reduction program. He also participated in strategic efforts to create a municipal storm water utility for Anchorage.

Previously, Mr. Vause was the Engineering Division Director of AWWU. As Engineering Division Director, he was responsible for AWWU's capital construction program, the Strategic Asset Services and Planning sections of the Utility, and supervised 38 professional and technical staff.

Prior to joining AWWU, Mr. Vause spent 19 years' experience practicing as a Consulting Civil and Environmental Engineer. He performed studies, designs, project management, and construction management for a variety of municipal and private utilities, government organizations as well as industrial process facilities. Projects included water source evaluation, treatment, transmission, and distribution; wastewater collection and treatment; and solids handling and disposal.

Mr. Vause is also actively involved in the Alaska section of the American Water Works Association (AWWA) and Alaska Water Wastewater Management Association (AWWMA), and served as the President/Chair of the joint associations in 1995/96. Mr. Vause served on the Board of Directors of the Water Environment Federation (WEF), an international scientific, educational, and professional organization of water and wastewater professionals with over 36,000 members worldwide. He also served as Alaska Section Director of the American Water Works Association, a non-profit scientific and educational organization dedicated to public health and safe drinking water with over 50,000 members world-wide. Currently, Mr. Vause serves as Chair of AWWA's Water Utility Council (WUC), AWWA's governing council for national legislative and regulatory affairs associated with drinking water issues.

Representative assignments of Mr. Vause's past employment includes:

**ANCHORAGE WATER AND WASTEWATER UTILITY
ANCHORAGE, ALASKA
1998-2016**

Mr. Vause was part of the Senior Leadership Team of the Utility. Under his direction, the division was responsible for development and implementation of 20-year master plans and 6-year capital improvement budgets for the maintenance and planned expansion of water and wastewater facilities. This included responsibility for planning, design, and construction management of a multimillion-dollar construction program. Multiple contracts for project design and construction are developed and administered. The division responsibility included development and control of all water and wastewater private development agreements, plans and inspections, and plat reviews. The division was also responsible for development and levying of all water and wastewater assessments, and real estate actions of the Utility. The Division was responsible for geospatial records of the Utility, and provided technical, analytical and reporting services to assist the Utility's program of asset management. In addition, the division was responsible for administration of the Utility's grant and loan programs.

Since 1998, AWWU has undertaken several major capital construction projects, administered numerous private development agreements, assimilated private water utilities, secured multiple loans and grant funds for AWWU's capital program, and performed multiple planning efforts under Mr. Vause's direction. The construction program has resulted in additions of over \$460 million to AWWU's infrastructure assets through the end of 2014. Over \$100 million of low-interest loans and \$29 million in grants were secured to fund these improvements. Over \$52 million of contributed plant infrastructure administered via mainline extension agreements with local developers was built. Three formerly private water utilities have been assimilated into AWWU's system, and two additional utilities were scheduled for assimilation as of the end of 2015. Major expansion of AWWU's SCADA system and a Water and Wastewater Master Plan update were completed. Most recently, AWWU instituted an advanced asset management program supported by the Division's Strategic Assets Services Section (SASS). Finally, the division developed a successful internship program through which more than 70 students have participated in learning opportunities that offer benefit to students and the Utility.

**MONTGOMERY WATSON
ANCHORAGE, ALASKA
1987-1998**

Projects Mr. Vause was involved with include:

Anchorage Loop Water Transmission Main Construction Management, Phases I, II and III: Mr. Vause was the Construction Manager for AWWU for this \$20 million program of installing approximately 25,000 lineal feet of 48-inch diameter water transmission main; three mainline valve vaults; three pressure reducing/meter vaults; and connection to existing

infrastructure. Mr. Vause was responsible for field, office and inspection staff involved in this project, and had responsibility for AWWU's project office during construction.

Eagle River Wastewater Treatment Facility Stage I Expansion: Mr. Vause served as project manager for Montgomery Watson on the \$14 million Eagle River, Alaska Wastewater Treatment Facility Stage I Expansion project, where he coordinated the efforts of office, field and the client's staff participating in the project. He also was part of the project design team and was responsible for engineering of preliminary and primary treatment facilities; solids handling and odor control facilities; and miscellaneous structural, mechanical, and electrical improvements to existing treatment facilities.

Municipality of Anchorage Water Master Plan: Mr. Vause served as project for the 1994 Anchorage Water Master Plan for the Anchorage Water and Wastewater Utility (AWWU). This project involved analysis of the water system from Eklutna to Anchorage; and Girdwood Valley area. A six-year capital improvement plan was developed to guide renovation and expansion of AWWU's water transmission network serving approximately 200,000 customers.

Eagle River, Alaska Trunk Improvement District TID-3 Lift Station: Mr. Vause directed the pre-design and final design of a wastewater lift station for the Anchorage Water and Wastewater Utility's Eagle River Trunk Sewer project. As a subconsultant to Valdez Engineering, Inc., this project provided a lift station to convey sewage from a new service area of Eagle River to AWWU's existing wastewater treatment plant. Construction was complete September 1996.

Eagle River Reservoir and Water System Improvements - 1998: Mr. Vause was Montgomery Watson's Project Manager for pre-design efforts on this \$8 million project before being employed at AWWU. The project includes design and installation of a new 3 MG water storage reservoir, over 10,000 LF of water transmission main, two booster stations, and miscellaneous improvements to the existing AWWU Water System. Montgomery Watson was a subconsultant to R&M Consultants, Inc. on this project.

Fairbanks Water Treatment Plant Expansion: Mr. Vause was project manager for Montgomery Watson in providing construction engineering services for the \$9 million City of Fairbanks, Alaska Water Treatment Plant Expansion, involving rehabilitation and expansion of existing chemical feed, clarification, filtration, disinfection, and pumping facilities. In this capacity, Mr. Vause provided technical assistance to the client's engineering and construction administration staff, and coordinated Montgomery Watson's design and operations services on the project.

North Slope Borough Village Water and Sewer Program O&M: Mr. Vause assisted the NSB's Consultant Program Manager, MACTEC, Inc., in developing, negotiating, and implementing a long-term agreement for contract operations and maintenance of the NSB's \$375 million village water and sewer program. Mr. Vause provided technical assistance to MACTEC Program Management Team on this unique contract operations program.

North Slope Borough Technical Reviews: Served as program manager for Montgomery Watson in providing technical assistance to the North Slope Borough, in performing constructability reviews of various capital improvement projects in 1988 and 1989. Projects included community water/sewer facilities, vehicle maintenance buildings, and administration and health services facilities. Mr. Vause was responsible for a consultant team of five separate firms involved in this program.

Kachemak City, Alaska Sewer System Development: He was project manager for the design of the \$2 million Kachemak City, Alaska Variable Grade Effluent Sewer (VGES) system project, an innovative and alternative project providing wastewater collection and transport for the City of Kachemak, Alaska. This project included about 27,000 LF of HDPE sewer line construction, installation of over 100 septic tanks, and one 250 gpm wastewater lift station. This project was recognized by USEPA for special grant funding under its "Innovative and Alternative Technology Grant program".

ARCO Alaska Prudhoe Bay Operations Center Water and Wastewater Systems: As project manager, Mr. Vause completed an analysis of deficiencies of the water treatment plant at ARCO Alaska's Prudhoe Bay Operations Center, and provided design of improvements to bring the facility into compliance with new state drinking water standards.

Mr. Vause also was project manager for full-scale testing of a new wastewater treatment process at ARCO's Prudhoe Bay Operations Center, in which operation of the treatment plant was being directed by Montgomery Watson. This plant process includes preliminary treatment (screening, ABF/Activated Sludge secondary treatment, tertiary (physical/chemical) treatment. New processes were developed to implement biological nutrient removal (BNR) at the facility. The result of this work was awarded the National *Industrial Water Quality Achievement Award for 1995* by the Water Environment Federation (WEF).

Chugach Electric Association Beluga Power Plant Water Treatment System: Mr. Vause was project manager and lead designer for the 1994 water system improvements to the Beluga Power Plant Water system expansion. The Beluga Power Plant is the largest power plant for CEA. He directed a study of process water and domestic water needs, developed recommendations for installation of new equipment, and prepared plans and specifications for new treatment equipment systems. The project involved installation of new demineralization treatment equipment, modification of existing chemical feed equipment, and modification of the service water treatment (greensand filtration) system. The project was built in early 1995.

Juneau-Douglas WWTP Expansion: Mr. Vause provided field construction management assistance and inspection for the Juneau-Douglas WWTP solids handling expansion project. Montgomery Watson was retained by the City and Borough of Juneau near the end of construction of this project to complete the work. Mr. Vause provided inspection services and management assistance related to startup and troubleshooting, and final acceptance of the work.

Eielson AFB Sewage Treatment Plant Expansion Construction Assistance: Montgomery Watson was retained by the Construction Contractor (Red Samm Construction) to assist in coordination of process mechanical and electrical work. Mr. Vause was project manager for

Montgomery Watson, and directed project staff in review and coordination of equipment and material submittals, resolution of plan and specification deficiencies, and assistance to the Contractor in resolution of disputes related to the work.

Unalakleet, Alaska Master Plan, Rate Study, and Water Treatment Upgrade: Mr. Vause served as project manager in the preparation of a master utilities plan for the City of Unalakleet. Included in the master plan was a rate study to evaluate the City's water/sewer/solid waste rate structure. Also included was an upgrade of the City's water treatment facilities, and installation of a cathodic protection system for the City's 1.0 MG Water Storage Tank.

**COFFMAN ENGINEERS, INC.
ANCHORAGE, ALASKA
1983-1987**

For Coffman Engineers, Mr. Vause began his tenure as a Civil Engineer and was promoted to Project Manager through successive assignments. Representative project experience included:

Municipality of Anchorage Base Mapping: served as project engineer for a 100-scale base mapping project for the Municipality of Anchorage, Alaska. This project included the first use of digital base mapping for the Municipality of Anchorage, Department of Public Works.

Emmonak Water and Sewer Project: Mr. Vause served as project manager for the \$10 million water and sewer system for the City of Emmonak, Alaska. The project scope included new water intake, water treatment plant, treated water storage and recirculating water distribution system. In addition, an innovative vacuum sewage collection system, pump station and expanded sewage lagoon was designed. The project scope included a master plan for water/sewer service through construction management, including supervision of the client's force account, labor, management of all construction activities, and system start-up. In 1988, this project received honorable mention in the 1988 American Consulting Engineers Council award recognition program for innovative project designs.

Wainwright Master Plan and Treatment Facilities Addition: As project manager for the Master Water/Waste plan for Wainwright, Alaska, Mr. Vause directed preparation of the plan, outlining a 20-year plan for water, sewer, and solid waste utilities services. He directed implementation of recommended water improvement alternatives at Wainwright, including new water source development, new water treatment equipment, water storage, and wastewater treatment systems; building civil, structural, mechanical, and electrical modifications, as well as other site improvements in a \$2.3 million project.

Kuparuk Industrial Center Water/Sewer Design, North Slope Borough: Mr. Vause also served as project engineer for the layout and design of water supply, water treatment, water storage, wastewater collection and treatment, and water distribution systems for the Kuparuk Industrial Center located in the Kuparuk River Oilfield of Alaska. This project involved utilization of surface water supplies stored in a 30-acre reservoir; package water treatment plant; combined trickling filter/activated sludge sewage treatment plant and effluent outfall; and reservoirs for potable and fire water distribution systems. Special considerations involved in this

project included water source development, scheduling, transport and delivery of major equipment components, and design of all systems under a fast-track construction schedule.

Pt. Lay, Alaska Water, and Sewer Design: As project manager for the Water and Sewer facilities design for the Village of Pt. Lay, Alaska, Mr. Vause directed the layout and design of new water supply and waste disposal facilities. This project included development of a new water supply system consisting of water intake structure and 7,500 ft. water line, water treatment plant, and 1 MG welded steel storage tank with cathodic protection system. Also included was the design of an extended aeration sewage treatment plant, aerobic sludge digestion, and effluent holding facilities.

**OLYMPIC ASSOCIATES CO.
SEATTLE, WASHINGTON/
ANCHORAGE, ALASKA
1980-1983**

Mr. Vause was a Civil Engineer involved in environmental projects. He also was selected to establish the company's Alaska operations through its Anchorage office. Projects included:

Homer, Alaska Water Source Study: served as project engineer for a water source and treatment study for the City of Homer, Alaska.

Petersburg, Alaska Water Treatment Study: served as project engineer for the City of Petersburg, Alaska for a water source study and treatment plant evaluation.

Indonesia Alternative Energy Evaluation, USAID: Mr. Vause participated as team member in an US Agency for International Development (USAID) Study of alternative energy development strategies for the Indonesian Government. This project included assessment of various biomass materials for wide-scale liquid and gaseous feedstock production throughout the Indonesian nation. Also included were recommendations for development of a national alternative Fuels research laboratory for the country.

**STRAND ASSOCIATES, INC.
MADISON, WISCONSIN
1976-1977**

Cities of Edgerton and Merrill, Wisconsin: Mr. Vause served as an assistant to the project engineer on projects involving surveying, stake out and construction inspection of miscellaneous street, water, and sewer line projects.

ORGANIZATIONS:

- American Water Works Association, Water Utility Council member 2001 - present
- American Water Works Association, Alaska Director 1999-2002
 - WEF Liaison to Water Utility Council 1999-2002
 - Board of Directors Committee on Organizational Alliances, 2001

- Board of Directors Ad Hoc Committee on Officer Nominations, 2001
Water Environment Federation, Alaska Director 1996-1999
Alaska Section American Water Works Association/Alaska Water Management Association, President/Chair 1995-96; Southcentral Region Vice-President/Chair 1994-95
American Water Works Association, Fuller Awardee 1994

REFERENCES:

Available upon request

PUBLICATIONS AND PRESENTATIONS:

1. **Vause, K.**; Helgeson, T.; Nuss, S.; & Garrett, C. 2014. *Making Dollars (and Sense) Of Condition Assessment Data for Improved Capital Project Planning*. Presentation June 2014 at American Water Works Association Annual Conference and Exposition, Boston, MA.
2. Helgeson, T.; & **Vause, K.** *Strategic Asset Management Modeling Project: A Change in Thinking about Life*. Proceedings of Tenth International Symposium on Cold Regions Development, June 2- 5th, 2013, Anchorage, Alaska, ASCE, pp. 763-770.
3. Miller, C.S.; **Vause, K.** & St. Clair, J. *Creating Information Value Chains to Support Asset Management*. Proceedings of Tenth International Symposium on Cold Regions Development, June 2-5th, 2013, Anchorage, Alaska, ASCE, pp. 718-730.
4. Miller, T.; Marsh, H.M.; **Vause, K.**; & Browning, K., 2012. ESRI Water writes, *Containing Costs in Anchorage*. ESRI Water writes
5. **Vause, K.** 2013; Raucher, R.S.; Reynolds, H.; & Vanrenterghem-Raven, A. *Use of Infrastructure Renewal & Replacement Planning Tools*. Workshop Presentation June 2013 at American Water Works Association Annual Conference and Exposition, Denver, Colorado.
6. **Vause, K.** & Helgeson, T., 2012. *Optimal Replacement/Renewal Planning*. Presented December 2012 at IWA-WSAA International Asset Management Performance Improvement Project Leading Practices Conference, Sydney, New South Wales, Australia.
7. Helgeson, T.; Kropp, I.; Miller, T.; Vanrenterghem-Raven, A & **Vause, K.** 2012. *Comparing Various Scenarios of Rehabilitation using Kanew with Input Data Drawn from Advanced Statistics*, Presented June 2012 at American Water Works Association Annual Conference and Exposition, Dallas, Texas.
8. **Vause, K.** & Harrington, D. 2009. *Data Reliability Benefits of Modeling*. Presented June 2009 at American Water Works Association Annual Conference and Exposition Workshop, San Diego, California.
9. **Vause, K.** 2008. *Use of Strategic Planning, CIP Planning, and Long-Range Financial Planning Tools to Balance Rates, Service Levels, and Utility Financial Goals*. Presented November 2008 at IWA-WSAA International Asset Management Process Benchmarking Project Best Practices Conference, Sydney, New South Wales, Australia.
10. Speranza, E.; **Vause, K.**, & Crawford, K 2007. *Water Infrastructure at a Turning Point*. Presented at USEPA Workshop: Paying for Sustainable Water Infrastructure, March 2007, Atlanta, Georgia.
11. Speranza, E.; Crawford, K.; and **Vause, K.** 2006. *Water Infrastructure at a Turning Point: The Road to Sustainable Asset Management*. American Water Works Association Webcast, April 2006.