

RTAO: Directorate of Public Works
(Attn: MR GAYLORD Y. HIGA, PE,
Chief, Systems Manager Branch)
2012 Liggett Avenue
Joint Base Lewis-McChord, WA 98344

06 March 2023

SUBJECT: Letter of Recommendation, Mr Lyle Fogg

TO: Graduate Admissions, Evergreen State College

I am honored to provide this letter of recommendation for Mr Lyle Fogg, for his application for graduate admissions to Evergreen State College.

I am a 42-year career federal employee as a supervisory general engineer with the Department of Defense, and a registered Professional Engineer (PE) in Mechanical Engineering with the State of Washington. As the Chief of the System Manager Branch in the Directorate of Public Works (DPW) at Joint Base Lewis-McChord (JBLM), I supervise 11 engineers of the various disciplines comprising senior journeyman GS12 and GS11 Civil, Mechanical, and Electrical engineers managing the major infrastructure and utility systems on this joint-base. Mr Fogg was a direct subordinate to me, whose work responsibility under my supervision was as the Water System Manager responsible for the entire potable/drinking water system, sanitary sewer system, and stormwater system for JBLM. I had the privilege of supervising Mr Fogg from 2010 through his retirement from federal civil service in 2019. Mr Fogg was a highly responsible and conscientious worker, very detail-oriented, assertive in his management of these assigned water systems, and in advocating for resources to properly operate and maintain these systems to assure the quality of life for the over 100,000 individuals working, living on, or supported by JBLM. As the subject matter expert for JBLM's water systems, his participation in various technical reviews of projects and infrastructure studies was in high demand and I received numerous reports that confirmed he always made time to train and mentor junior engineers in the technical nuances of the water systems engineering designs.

As an example, Mr Fogg's expertise in drinking water compliance standards made him a person regularly contacted for technical support by other DoD bases across the USA, as well as other local municipal, and state agencies. He always demonstrated a ready willingness to assist others in understanding the complexities of the drinking water compliance criteria. When JBLM discovered elevated levels of per- and polyfluoroalkyl substances (PFAS) contamination in selected drinking water source wells, he led the multi-discipline engineering efforts to identify the optimum remediation process for treating this contamination and make JBLM's drinking water meet the acceptable standards for potability. Mr Fogg's initiative and application of his technical engineering knowledge, skills, and abilities resulted in JBLM securing significant resources to design and construct state-of-the-art filtration systems to address the PFAS contamination levels. He collaborated with engineering experts with the US Army Corps of Engineers, the manufacturing industry for water filtration and purification, and senior program and resource managers at upper echelon headquarters, and developed action recommendations for senior JBLM management and leadership approval to quickly address this developing drinking water

contamination issue. Mr Fogg's determined effort to research new technologies enabled JBLM to be a leader in the Department of the Defense's growing efforts for treating PFAS contamination in drinking water at bases across the USA and overseas as well.

Mr Fogg demonstrated similar expertise and collaborative efforts in his other areas of responsibilities of sanitary sewer and stormwater system management. His efforts single-handedly educated and shifted the technical engineering staff to embrace and properly incorporate State of Washington MS4 stormwater compliance for all JBLM projects. He was a key collaborator and engineering technical lead for JBLM's state-of-the-art wastewater treatment plant and responsible for aggressively pursuing visionary design and construction of the plant's capability to produce effluent meeting re-claimed water standards. His superb collaborative and communication skills were fully displayed while leading DPW/JBLM into privatization of our drinking water and sanitary systems, conveying JBLM's needs in the contract development and working with the privatized contractor for a smooth seamless transition.

As an example of his pursuit of continuing education, Mr Fogg was a licensed Cross Connection Control Specialist with the State of Washington, and used this licensed certification effectively to lend credence to his work protecting the drinking water system at JBLM through enforcing a rigorous cross connection control program. Also, for 13 years, Mr Fogg was a Continuing Education instructor for Computer Aided Design (CAD) with the Clover Park Technical College.

In my experience supervising Mr Fogg's engineering work, he has demonstrated great aptitude at researching new technologies and engineering developments, a ready willingness and ability to collaborate with peers and senior management, and utilized his excellent communication skills to advocate for critical resources to support his assigned infrastructure systems. His performance reviews were consistently outstanding and was a reflection of his steadfast focus on continuous improvement of the business processes, services, and products for the Directorate of Public Works at Joint Base Lewis-McChord.

I am completely confident Mr Fogg has the necessary skills, determination, and aptitude to meet and excel at the challenges of a graduate level program. Please do not hesitate to contact me if there are any questions I can answer.

Sincerely,



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