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HEARING ON
ENVIRONMENTAL PROTECTION AGENCY'S (EPA) WORK WITH OTHER
FEDERAL ENTITIES TO REDUCE POLLUTION AND IMPROVE ENVIRONMENTAL
PERFORMANCE
BEFORE THE
SENATE ENVIRONMENT AND PUBLIC WORKS COMMITTEE
SUBCOMMITTEE ON GREEN JOBS AND THE NEW ECONOMY AND
OVERSIGHT
UNITED STATES SENATE
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Good morning Chairmen Sanders and Whitehouse, Ranking Members Boozman and Johanns, and other members of the Committee. My name is Leslie Gillespie-Marthaler, and I am a Senior Advisor in the Office of Research and Development (ORD) at the Environmental Protection Agency (EPA). I am happy to be here today to talk to you about our partnership with the U.S. military to conduct research on innovative water treatment and infrastructure technologies.

Let me start off by saying that the EPA is proud to be partners with the Department of Defense (DOD) as they develop and deliver water technology solutions by leveraging EPA's expertise. EPA has two Memorandums of Understanding (MOU) with DOD, specifically with the Assistant Secretary of the Army for Installations, Energy and Environment, and the Deputy Under Secretary of Defense for Installations and Environment.

On November 28, 2011, EPA and the Army signed a MOU to partner on mutual and interrelated interests in the areas of water, energy, and waste through joint development and demonstration of new applications and technologies. These can be used on Army installations in order to achieve Net Zero goals. The Army's Net Zero goal is to move installations closer to consuming only as much energy or water as they produce and eliminating solid waste sent to landfills. The work generated through the MOU will provide integrated solutions to environmental challenges such as water quality, conservation, and reuse, and create innovative approaches towards addressing challenges including urban storm water management while promoting energy efficiency within infrastructure systems. EPA is collaborating with the Department of Energy in order to further our understanding of the water-energy nexus.

We plan to use Fiscal Year 2012 as a period for planning our research for the months and years ahead. Implementation will begin in Fiscal Year 2013. EPA seeks to leverage existing resources to achieve mutual goals that initially benefit Army communities and eventually will benefit communities across the country. Our efforts are focused on helping Army installations. The Army has selected Joint Base Lewis-McChord, Washington and Fort Riley, Kansas, for our initial collaboration.

On February 7, 2012, the EPA and the Deputy Under Secretary of Defense for Installations and Environment signed an MOU to jointly promote and demonstrate innovative technologies on Department of Defense bases. This not only complements the partnership with the Army, but expands opportunities to promote and transfer technology successes across the board to military bases and the surrounding communities. The two Agencies are currently in the initial stages of discussion at this time.

In conclusion, the partnership with DOD further enhances EPA's mission of protecting public health and the environment within military communities through shared solutions, technology and innovation. This partnership is an example of how federal agencies are creatively advancing one another's expertise and mission through science-based technologies and approaches. In order to maximize the opportunity of this partnership, we are open to collaborating with other federal agencies, stakeholders, and

most importantly, surrounding communities. Immediate benefits will include the ability to maximize the results of science-based technology, share information with our federal partners, and educate surrounding communities at military bases across the country. We anticipate productive discussions and interagency collaboration as we move forward with our planning.

I appreciate the opportunity to testify before you today and will be happy to respond to any questions you may have.