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## JBLM Directorate of Public Works Moving forward with sustainability

BY MIRIAM EASLEY

Directorate of Public Works

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Joint Base Lewis-McChord has been a sustainability leader within the Department of Defense since 2001 with the inception of the Installation Sustainability Program.

The program is staffed by strategic cross-functional teams, is enabled by operational EMS teams and is overseen by a cross-section of senior leadership chaired by the senior mission commander.

JBLM's Installation Sustainability Program is guided by seven long-term goals:

- Reduce installation stationary source and nontactical motor vehicle air emissions by 85 percent by 2025 (Net Zero Air);
- Achieve a secured renewable sourced energy installation by 2040 (Net Zero Energy);
- Create sustainable neighborhoods for a livable JBLM community that enhances the Puget Sound Region (Net Zero Land);
- Achieve a Net Zero Waste installation by 2020;
- Maintain the ability of JBLM to meet its current and future military missions without compromising the integrity of natural and cultural resources, both on the installation and regionally (Net Zero Land);
- Assist in the recovery of all listed and candidate federal species in the South Puget Sound Region (Net Zero Land);
- Achieve a secured Net Zero Water installation by 2020.

Six sustainability teams are responsible for the achievement of these goals: air quality, water resources, energy, products and materials management, sustainable community and sustainable training lands.

These teams facilitate and implement projects and initiatives that move JBLM toward the goals.

"It's important to see that these goals interconnect as well," said Cathy Hamilton-Wissmer, JBLM Sustainability Outreach coordinator. "When trying to reach a sustainable solution, all aspects need to be considered. What might be good for one aspect may be bad for another."

Recent Joint Base Lewis-McChord accomplishments in the following areas illustrate the depth and breadth of how sustainability touches the lives of base personnel and supports the military training mission:

- sustainable acquisition program,
- environmental management system and environmental operating permits,
- waste diversion, recycling, composting, asphalt crushing and reuse,
- sustainable master plan's holistic design approach and Town Center project,
- sustainability outreach and partnerships,

- robust alternative transportation program, including transit system, van pools and bike-share program,
- alternate fuels,
- energy conservation via \$14 million energy efficiency projects,
- habitat restoration and active ecological burn program,
- stormwater filtration system facility including a wetlands education center, increased habitat for wildlife species and a training area for Soldiers.

The goals already achieved and the goals yet to be reached promise a more sustainable, livable, and mission capable installation in the coming years. Because of the strength of leaders, the dedication of the Installation Sustainability Program Teams, and the support of our neighbors and community members, we anticipate continued innovation and progress in the sustainable development of Joint Base Lewis-McChord.

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