

# 2022 Sustainability Leadership Awards

Incorporating sustainable practices into our operations to reduce overall environmental impact.

**UCOR**  
United Cleanup Oak Ridge LLC

**2022 UCOR Sustainability Leadership Awards  
Outstanding Sustainability Project**

**Presented to**

EU-21 Water Treatment System's Team

**For**

Treating trichloroethylene (TCE) using a Water Treatment System (WTS) to treat 282,000 gallons of water on-site and saving \$1,128,000 in water treatment off-site and 26.1 MT of greenhouse gas emissions for eliminating transportation, totaling a savings of \$777,850 (i.e. operation of WTS vs. hauling/treating) since operating costs for the WTS totaled \$357,665.

Emily M. Day  
Regulatory Strategy and Integration  
Manager



*Kevin Ironside*  
Kevin Ironside,  
Environmental Programs and  
Planning Manager

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**Presented to**

Oak Ridge National Laboratory Waste Operations' Team

**For**

Reusing the Activated-Carbon Free Granulated Activated Carbon (GAC) columns at Building 3608 and storing the two columns at ORNL for future use saving . Converting the old GAC Feed Sump (F-1017) at Building 3608 to an unloading station for receipt of non-radiologically contaminated wastewater. Overall saving \$48,000 for diverting purchase of similar-sized Backwash Surge Tank, \$40,000 by repurposing the GAC Feed Sump as a tanker unloading station, and conserving valuable landfill space at EMWMF, resulting in approximately 174 cubic yards in avoided disposal volume.

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The Heritage Center Projects & Programs

**For**

Transferring nearly 300 electrical transformers from ETPP to the City of Oak Ridge for reuse. Saving an estimation of \$24,000 per year in SPCC Plan administrative costs, 0.16 MT of greenhouse gas emissions by recycling the copper within the transformers, transportation and landfill space from disposing of transformers weighing 273,316 pounds. Eliminating risk of spills and releases to area waterways of 23,000 gallons of mineral oil stored in the transformers.

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Scarboro Workforce Project

**For**

Hosting Scarboro Community Workforce Workshop for the historically African American community called Scarboro and providing several opportunities for employment and sign up for the East Tennessee Apprenticeship Readiness Program to over 40 residents of the Scarboro community.

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**Presented to**

The Oak Ridge Reservation Landfill Team

**For**

Removing and storing 3,349 dump trucks of excess soil for reuse as landfill cover for both ILF-V and CDL-VII instead of disposing as waste which is approximately 133,960 pounds. The project calculated a savings of \$669,800 savings in clean fill material provided by an outside vendor & spoil area space avoidance.

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