

UCOR LLC

2021 Pollution Prevention and Waste Minimization Recognition



2021 UCOR Pollution Prevention & Waste Minimization Recognition Outstanding Sustainability Program/Project

Presented to

UCOR Waste Management
Transfer of Waste Elemental
Mercury to ORNL Spallation
Neutron Project for Reuse.

For

Demonstrating innovative thinking by transferring waste elemental mercury from a Y-12 D&D project to the ORNL SNS Project for reuse. This resulted in cost savings of more than \$220,000 and diverted over 1,150 pounds of mercury from disposal.




David Buhl, UCOR Pollution
Prevention Coordinator


Kimberlie Cole, Environmental
Compliance & Protection
Program Functional Lead


Samantha Paek, Environmental
Services Manager



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Presented to

UCOR EMWMF Landfill
Wastewater Reduction Effort

For

Using an enhanced operational cover and aggressive water management practices to substantially reduce landfill wastewater and leachate generation. These efforts also resulted in significant greenhouse gas emissions reductions and \$279,000 in cost savings.




David Buhl, UCOR Pollution
Prevention Coordinator


Kimberlie Cole, Environmental
Compliance & Protection
Program Functional Lead


Samantha Paek, Environmental
Services Manager



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Presented to

UCOR Environmental Services
Regulatory Document Submittals
Project

For

Using sustainable problem-solving to respond to the challenge of delivering regulatory documents to DOE during Limited Operations. This was accomplished by transitioning to fully electronic submittals, resulting in cost savings of \$88,159, 912 saved work hours, and reduced greenhouse gas emissions.




David Buhl, UCOR Pollution
Prevention Coordinator


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Honorable Mention

Presented to

Heritage Center Enterprise
K-770 Project

For

Locally sourcing soil to cover a 21-acre area and accomplishing an 11-month work schedule reduction. This resulted in reduced greenhouse gas emissions, the creation of usable mulch and backfill for future projects, and a cost savings of approximately \$3,000,000.




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Presented to

UCOR Records Management
Going Electronic Transition
Project

For

Facilitating several UCOR organizations to transition to 100% electronic records, resulting in over \$24,800 in annual cost savings, 11 cubic yards of waste diversion, and an annual reduction of 1,250 work hours.




David Buhl, UCOR Pollution
Prevention Coordinator


Kimberlie Cole, Environmental
Compliance & Protection
Program Functional Lead


Samantha Paek, Environmental
Services Manager

Managing the Pollution Prevention/Waste Minimization aspect of UCOR's Environmental Management Systems on the path toward environmental sustainability