



Fernald Preserve Visitors Center Sustainable Design and Construction

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The Fernald Preserve Visitors Center was designed and constructed as a sustainable building to reduce energy, electricity, and water consumption and to lessen the building's impact on the environment. The Visitors Center was awarded the Leadership in Energy and Environmental Design New Construction and Major Renovations' highest certification—platinum—by the U.S. Green Building Council, earning 53 out of 55 attempted points.

The Visitors Center was built by renovating a former Silos Project warehouse and contains an exhibit area, a resource room, a meeting room, and office space.

Materials and Resource (8 points)

- 75% construction waste diverted from landfills
- 44% regional materials
- 52% Forest Stewardship Council-certified wood
- 24% recycled content materials

Innovation and Design (5 points)

- Exemplary Performance
- Public Education
- Green Cleaning

Sustainable Sites (10 points)

- 91% of existing storage building re-used
- 77% site restored with native and/or adaptive species

Water Efficiency (5 points)

- 100% wastewater treatment achieved
- 100% low-flow fixtures installed

Energy and Atmosphere (13 points)

- 100% purchase of green-e certified power
- 48% reduced energy compared to ASHRAE Standard
- 0% usage of ozone-depleting refrigerants

Indoor Environmental Quality (12 points)

- 100% smoke-free environment
- 78% of regularly occupied space meets daylight criteria



Production



Cleanup



Visitors Center Construction



Visitors Center Completion

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Legacy Management Goals



Protect human health and the environment through effective and efficient long-term surveillance and maintenance. This goal highlights the Department's responsibility to ensure long-term protection of people, the environment, and the integrity of engineered remedies and monitoring systems.

Preserve, protect, and make accessible legacy records and information. This goal recognizes Legacy Management's commitment to successfully manage records, information, and archives of legacy sites under its authority.



Support an effective and efficient work force structured to accomplish Departmental missions and assure contractor worker pension and medical benefits. This goal recognizes the Department's commitment to its contracted work force and the consistent management of pension and health benefits. As sites continue to close, the Department faces the challenges of managing pension plan and health benefits liability.

Manage legacy land and assets, emphasizing protective real and personal property reuse and disposition. This goal recognizes a Departmental need for local collaborative management of legacy assets, including coordinating land use planning, personal property disposition to community reuse organizations, and protecting heritage resources (natural, cultural, and historical).



Improve program effectiveness through sound management. This goal recognizes that Legacy Management's goals cannot be attained efficiently unless the federal and contractor work force is motivated to meet requirements and work toward continuous performance improvement.



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