




Community Meeting

November 19, 2008



Nature Nook



Northern Leopard Frog
Lithobates pipiens

- Among the first seen in Hamilton Co. in 20 years
- 2 to 3.5 inches long
- Females only mate once per year and lay up to 6,500 eggs
- Likes permanent water (lakes, streams, wet meadows)
- Well adapted to the cold



Fernald Preserve

Legacy Mission



Manage DOE's post-closure responsibilities and ensure the protection of human health and the environment.



Worker Safety and Health

OSHA Recordables (yearly)

Fernald	DOE Complex	LM	Industry
0.0	1.4	0.0	4.6

Fernald Preserve (quarterly)

Lost time	First aid	Recordables
0	0	0



Sampling

Current

- OSDF leak detection monitoring at 42 wells
- Groundwater sampling at 140 monitoring wells
- Surface water sampling at 16 locations
- Treated effluent and biowetland sampling at 2 locations
- Air particulate, radon, and direct radiation monitoring at 6 locations
- Sediment sampling at 2 locations in the Great Miami River
- 90-day look ahead
 - Continue approved semi-annual, quarterly, and daily sampling



Aquifer

- 2008 groundwater pumping rate is ~96 percent of design through 9/30/08
- Continue treating groundwater as necessary to meet discharge limits
- Shut down pumping for two 2-week periods in April–June time frame
 - Allowed aquifer water level rebound
 - Redissolve uranium in unsaturated sediments
 - Water levels during the 2008 study were higher than those measured during the 2007 study
- 90-day look ahead
 - Continue pump and treat operations as necessary to meet regulatory commitments



Restoration

- Trail construction and landscaping
- Wildlife surveys
- Erosion repair and road upgrades
- Invasive species control
- 90-day look ahead
 - Expand plant and animal inventories (All-Taxa Biodiversity Index)
 - Plant dormant willow cuttings



Fernald Preserve

- Morgan Elementary second grade
- Ohio Valley Camera Club
- Tristate Hiking Club
- Cincinnati State
- Miami University
- Senior Centers
- Cub Scouts

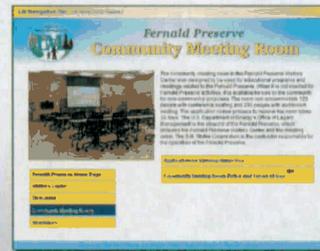




Visitors Center

Community Meeting Room

- Hamilton County Soil & Water Conservation District Annual meeting
- National Institute of Occupational Safety and Health
- Senior Centers
- U.S. Green Building Council – Cincinnati chapter
- Fernald Retiree Connection



Visitors Center

Platinum Certification

- U.S. Green Building Council certification
- First platinum building in Ohio
- Second platinum building in the DOE Complex
- Platinum certification exceeded expectations
- Destination for those interested in “green” construction and operation





Consent Decree

- On March 11, 1986, the State of Ohio filed a complaint against the U.S. Department of Energy (USDOE), NLO Inc., and NL Industries Inc. concerning Ohio's claim for natural resource damages.
- The complaint asked that DOE restore, replace, or acquire the equivalent of the natural resources allegedly injured or threatened due to the release of hazardous substances at the Fernald site.
- Through the years, much of the claim was resolved through ecological restoration.
- On November 11, 2008, the federal court accepted and signed the final agreement between the State of Ohio and the USDOE.
- DOE agreed to a one-time cash payment of \$13.75 million to restore, replace, or acquire the equivalent of injured natural resources at and in the vicinity of the Fernald Preserve and to reimburse Ohio's Natural Resources Damages Assessment costs.



Community Meeting

Join us:

April 29, 2009

6:30 p.m. Wednesday

Fernald Preserve Visitors Center



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