



## Zion Landfill

Job #: 98-099

Client: Onyx Zion Landfill, Inc

Project Type: USACE 404 Wetland Mitigation at Landfill Expansion

Project Location: Zion, Lake County, Illinois

Project Initiation: 1998

Project Completion: 2005

Project Size: 11 acres

### Project Goals

- Create seven acres of wetland and four acres of prairie through seeding, planting and controlling exotic woody species.
- Prepare a long-term management plan.
- Conduct seven years of maintenance and management.
- Assist the client in turning over the site to the Zion Park District (ZPD)

### Project Results

- All goals have been met for this project.

### Project Statement

Applied Ecological Services, Inc. (AES) designed, permitted, and installed all the plants and seed on this site. Several thousand wetland and wet prairie plants were installed. AES performed seven years of ecological-vegetation monitoring and management on the 11-acre site. Management included woody-brush removal, prescribed burning, herbicide treatment to non-native species and aggressive-native species, such as the narrow-leaf cattail. This site had special circumstances, because of the impacts to wetlands on the adjacent landfill expansion site. Once the Zion Landfill obtained sign-off from the United States Army Corps of Engineers (USACE) on the 11 acres of wetland mitigation, AES developed a long-term management plan for the client, and passed the site over to ZPD.

### Current Status

The project is complete and the 11-acre site has been turned over to the ZPD for long-term management.

