

## 8. *Techny Basin* (Map F)

Site number: F-7

Overall size: 48.90 acres

Ownership: Village of Glenview

Subwatershed: West Fork of North Branch of Chicago River

### Mapped Land Cover on Site:

**Prairie (25.68 acres):** The slopes of the basin contain much prairie vegetation.

**Wet-Bottom Detention (1.43 acres):** An open water area is located at the bottom of the spillway and is surrounded by common wetland species.

**Dry-Bottom Detention (21.79 acres):** Most of the basin bottom is dry and dominated by non-native and weedy native species.

### Existing Ecological Conditions:

Techny Basin is a large dry and wet-bottom detention basin used to control stormwater in Glenview. The basin was seeded with a mix of wet to mesic prairie and wetland species in 1998 and again in 2000. The basin retained flood water for an extended period of time (several days) after large storms in 1998 and 2002, and recently in 2007. This has reduced the success of the native seeding. The slopes contain much prairie vegetation, but the bottom has been more affected by flooding and is dominated by weedy species. At the south end of the basin, a large spillway inlets water from the West Fork during heavy rain events. The area below the spillway often holds water and supports some wetland vegetation. The basin area is designated as an Environmentally Significant Area and thus, has development restrictions. A paved bike trail surrounds the basin and is linked to other trail systems in the area.



### Restoration and Management

#### Recommendations:

The condition of the vegetation and basin have been monitored and managed by the Village since the basin was acquired, when it was expanded to accommodate commercial and residential development in the area. Continued periodic monitoring of the vegetation and signs of erosion and implementation of management activities, as necessary, is recommended. Management activities should include prescribed burning, spot herbiciding, and mowing. Overseeding with native wetland species may also be needed in weedy herbicided areas of the basin bottom.