Locust Lake State Park
Recreational Reservoir
Dam, Discharge, and
Holding Ponds
Silvercreek Treatment System – water from the crop fall is diverted to a series of retention ponds which allow iron to settle and pass the water over beds of limestone to increase pH.
Silvercreek Treatment System – The first two pools are deep and the last two pools are shallow wetland settings. Cattails provide extra surface area for the settling of iron oxide in these pools.
The Potato Patch - Typically there is only a stream at the base of this pit. It might be that the subsurface water flow is being obstructed, causing water to pool in this old stripping pit.
Drainage and Crop Falls
The drainage across the street is diverted into a pipe (see grate to the left) that takes runoff directly to the stream. This keeps the crop falls (below) from filling with water and stops water from seeping into the mine pools to become contaminated.
Drag Line
This equipment is used in coal mining operations. It runs on electricity and allows operators to excavate immense quantities of coal resources quickly.