PUBLIC NOTICE of
Underground Injection Wells at
Prairie State Generating Company,
in Washington County, near Marissa, IL

The Illinois Environmental Protection Agency has a draft Underground Injection Control (UIC) well permit for Prairie State Generating Company located in Washington County, approximately 5 miles northeast of Marissa, Illinois. If issued, the permit will allow the applicant to construct and eventually operate two Class I wastewater injection wells to dispose of non-hazardous wastewater composed of leachate collected at the facility’s Coal Combustion Residual Landfill and a smaller volume of plant process water. When the construction and testing of the wells has been completed, the applicant will submit a Well Completion Report to demonstrate that the wells can operate without impacting underground sources of drinking water. If approved, the applicant will be authorized to inject this wastewater into the St. Peter sandstone formation which is between 3,100 and 3,260 feet underground. This formation is overlain by the Maquoketa Shale formation, a 150 to 200 feet thick confining layer of low permeability shale bedrock, minimizing the potential for upward movement of any injected wastewater.

Please contact Rachel Stewart (see below) if you wish to be added to the mailing list for notice of any future UIC permitting actions. All public comment must be submitted by midnight, March 16, 2018.

Those interested may review the permit application materials and the draft UIC permit at the Marissa Area Public Library, District Central Library at 212 North Main Street in Marissa.

The Administrative Record for this permit (application, permit and all data submitted to the Agency) is available for inspection by appointment only at IEPA’s Springfield office, contact:

Rachel Stewart (#5)  
Illinois EPA  
1021 North Grand Avenue East, P. O. Box 19276  
Springfield, Illinois 62794-9276

The Safe Drinking Water Act of 1976 established the federal UIC program to protect groundwater resources. UIC program requirements were designed to prevent contamination of underground sources of drinking water. The Illinois EPA is authorized to administer certain aspects of the UIC program in Illinois. Illinois’ UIC regulations may be found at 35 IAC 702, 704, 705 and 730.