

## PORTAGE COUNTY LANDFILL Stockton, Wisconsin



### DESCRIPTION:

CWE was selected by the Portage County Solid Waste Management Board to re-phase the existing Plan of Operation for the 13.6 acre, 1,280,000 cu. yd. Portage County Landfill. We were responsible for developing a plan to construct new cells and close existing cells in compliance with Wisconsin Administrative Code and WDNR requirements. In addition to design, CWE provided inspection services during construction of lines, leachate collection systems, gas extraction system, and final cover.



To address concerns expressed by local landowners and the WDNR, the rephasing plan provided for the gas extraction system to be installed in phases rather than solely at final closure. The new capping system as well as the liner development of new cells incorporates a geomembrane to comply with requirements of Subtitle "D".



A demolition waste site was designed for the Portage County Landfill and built during the 1993 construction season. The site was closed in 1998 when it reached its capacity.

CWE designed and installed an active gas-extraction system at this facility in 1997. We were active in the system start-up and training the landfill personnel to operate the system. CWE continues to assist the County with operation of the system on an as-needed basis.