

CITY OF RIVERVIEW

Engineering and Environmental Monitoring Services

July 2006 - Ongoing

Project Manager: Adam Larky

Client Contact: Robert Bobeck

Over the past eleven years, present day Cornerstone employees have worked with the City of Riverview, Michigan on their nationally recognized Riverview Land Preserve. This site is home to a municipal solid waste landfill which has been carefully monitored. A closed portion of the landfill has been crafted into a golf course. Over the course of its history, the Land Preserve has taken various steps to reduce greenhouse gases, produce clean electricity, create a recreation area on-site, and work to maintain positive relations with community and business members. Cornerstone employees are proud to have been a part of this effort.

Riverview has most recently contracted with Cornerstone to provide general engineering services for the entire landfill. These services include monitoring all media (groundwater, leachate, surface water, landfill gas and air), regular inspections of the landfill, construction forecasting, surveying, and support for the ongoing landfill activities.

Cornerstone implemented two large capital projects at the Riverview Land Preserve during the landfill's 2006 – 2007 fiscal year. Cornerstone provided construction management and construction quality assurance (CQA) services for a new 18-acre cell which began construction in July 2006 and was completed in December 2006. In addition, Cornerstone is undertaking the initial engineering and hydrogeologic work to begin a lateral expansion of the landfill. This project is anticipated to take 3 to 4 years and will involve relocation of up to 11 holes of the adjacent golf course.

Cornerstone is currently working on two additional capital projects. The first project involves the replacement of all existing single walled leachate management components with dual contained components. This involves close cooperation with the landfill gas system operator. Cornerstone is also working on the next cell development project at the landfill (Cell6). Construction work is expected to commence in the fall of 2009 with Cornerstone providing construction management and CQA services.

We also provide consulting work for the on-site landfill gas to energy facility operated by DTE Biomass. Most recently, Cornerstone designed an expansion to the landfill gas system and provided CQA and construction management services for the expansion.

Cornerstone assists the City of Riverview with:

- *Engineering and design services*
- *Environmental monitoring services including groundwater, leachate, surface water, landfill gas, and air*
- *Construction management services*
- *Construction quality assurance (CQA) services*
- *Hydrogeologic services*
- *Consulting services for the landfill gas-to-energy facility*



For more information call (877) 294-9070 or email info@cornerstoneeg.com.