

Seneca makes improvements to wastewater system

Seneca, in Nemaha County in northeast Kansas, has completed the addition of two cells to the city's previous 3-pond wastewater system.

Engineered by Wilson and Company Engineers & Architects, Salina, Seneca's project had total cost of nearly \$1.6 million. In addition to the two new cells, nearly 1000 feet of new main was installed, partly to serve as an interceptor for the main section of the town. Another 1000 feet was installed to provide service to a new subdivision. The interceptor line replaced a pipeline that had been smoke tested several years ago and which was found to have a leak at almost every 20-foot interval. The leaking main adds tremendous amount of inflow and infiltration to a system.

Seneca's new cells have a vinyl type liner. This is another method to control dike erosion. (see article on page 82).

The project at Seneca was funded with CDBG funds and a loan from the Clean Water State Revolving Loan Fund, administered by KDHE.



Jim Knight, Wastewater Operator for the City of Seneca, inspects the lap seam of this vinyl type liner installed on two new wastewater ponds (cells) constructed last fall. Liners such as this are an alternative to riprap to prevent dike erosion, in addition to providing seepage control from the cells which is otherwise typically accomplished by adding clay to the base.

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Phone: (417) 624-5703
Fax: (417) 624-7558
email@amce.com