

Name of Project: **Sparta Wastewater Treatment Plant Expansion**

Owner: Village of Sparta

Contact Person Name/Phone: Mr. Denny Pecynski,
WW Superintendant
(616) 887-8711

Location of Project: Village of Sparta,
Kent County, Michigan

Date of Completion: September, 2010

Project Cost: \$3,737,000

Project Team: John E. Racek, P.E., Project Manager
Brian Hannon, P.E., Project Engineer



Project Description:

This project will provide expanded wastewater treatment capacity and the renovation of existing treatment processes and buildings. The improvements will increase capacity from 0.8mgd to 1.20 mgd. The plant size will accommodate reasonable growth in the Village and its customer community, the Camp Lake area in Algoma Township.

The plant construction included the addition of one oxidation ditch with 2-40 Hp aerators, two final clarifiers, two sludge tanks, an RAS Pump Building, a new Headworks Building with a fine screen and grit chamber, a Shop Building, a Chlorine Building and a second emergency generator. Renovations included three replacement sludge pumps, replacement aerobic digester aeration systems, a new digester blower, renovation of the existing chemical room weir trough covers on final clarifiers and a new SCADA control system.

