

DETENTION PONDS ARE COMING!

Detention Ponds are under construction around Lake Carmel. They will be there for storm water control purposes.

Detention ponds temporarily store storm water runoff, thereby reducing the



A Detention Pond

peak rate of runoff to a stream or storm sewer. They help to prevent localized flooding, will provide water quality benefits and reduce stream bank erosion downstream. Water quality is improved due to the removal of many pollutants, where the pond's natural processes will then help to remove these toxins including phosphorous. Detention ponds have many mechanisms in order to remove contaminants. The primary method that is used in the removal is through the process of sedimentation. Other methods used include, algal uptake, wet-

land plant uptake and bacterial decomposition.

In total, three ponds will be constructed at the following locations: The parking lot of the Town of Kent Recreation and Parks Department, Lake Shore Drive East/Cottage Road, and Lake Shore Drive East/Valhalla Road. The cost to construct these ponds will be about \$450,000 in total. This project will be funded through the East of Hudson and will not cost taxpayers any money. Construction will begin in May 2013.