



STORMWATER MANAGEMENT COMMISSION

December 7, 2017

Subject: Flooding at Four Corners Basin

Dear Administrators and Enforcement Officers:

A significant flooding problem was identified in the "Four Corners Basin" area near the intersection of Cedar Lake Road and Route 60, depicted on the enclosed map. The information below was sent in 2007 and we are re-sending this correspondence as a [ten year] reminder.

This area lies within unincorporated Grant, Avon, Fremont, and Wauconda Townships but also has the potential to be affected by drainage from the Villages of Round Lake, Wauconda, and Volo. The Four Corners Basin area appears to be the largest closed depressional basin in Lake County (approximately 1,000 acres) that is solely drained by farm drain tiles. Water stored in the subbasin would reach a depth of approximately 10 feet before reaching an overland outflow point. The on-going flooding problem is the result of inadequately sized, or non-functional drain tiles and is affecting homes and roads. SMC has determined that the Four Corners Basin area does not have adequate downstream stormwater capacity to receive additional runoff from any upcoming development and would benefit from designed diversion wherever possible. As defined in the Watershed Development Ordinance, this area cannot "store or convey up to and including the 100-year stormwater runoff without increasing damage to adjoining properties." As a result of this determination, SMC respectfully requests that the certified communities listed in this correspondence require the outflow from all development projects currently under review, and any future development projects, be directed away from this flood problem area to another adequate receiving point.

Your cooperation on this matter is very much appreciated. Please contact me at 847-377-7720 or kwoolford@lakecountyil.gov if you have any questions.

Sincerely,
LAKE COUNTY STORMWATER MANAGEMENT COMMISSION

A handwritten signature in black ink that reads "Kurt Woolford". The signature is written in a cursive, flowing style.

Kurt Woolford, P.E., CFM
Chief Engineer

Distribution: Matt Meyers, Enforcement Officer, Unincorporated Lake County
Kevin Timony, Village Administrator, Village of Wauconda
Bill Rickert, Enforcement Officer, Village of Wauconda
Steven Shields, Village Administrator, Village of Round Lake
Kurt Baumann, Enforcement Officer, Village of Round Lake
Michael May, Village Administrator, Village of Volo
Peter Stoehr, Enforcement Officer, Village of Volo

Enclosure: "Four Corners Basin" map

Craig Taylor, Chairman Michael D. Warner, Executive Director
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