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**ANNUAL EVALUATION REPORT FOR
COUNTY-WIDE ALL NATURAL HAZARDS MITIGATION PLAN
2010 CALENDAR YEAR
FOR UNINCORPORATED LAKE COUNTY, ILLINOIS**

Prepared By: Lake County Planning, Building and Development Department

Prepared For: Lake County Planning, Building and Zoning Committee and Lake County Board

April 5, 2011

INTRODUCTION

The Annual Evaluation Report assesses the implementation of goals described in the original County-Wide All Natural Hazard Mitigation Plan for Lake County, Illinois, prepared in 2006, within unincorporated Lake County, Illinois. All goal assessments are for the 2010 calendar year.

The Annual Evaluation Report for the All Natural Hazard Mitigation Plan within unincorporated Lake County, Illinois was prepared by the Lake County Planning, Building and Development Department. The Annual Evaluation Report was submitted to the Lake County Planning, Building and Zoning Committee, with a request to send the report to the Lake County Board for their information, and a Lake County Press Release was issued. The original County-Wide All Natural Hazards Mitigation Plan is available on the Lake County website at

<http://www.lakecountyil.gov/Stormwater/FloodInformation/FloodHazardMitigation/ANHMP.htm>, and the Annual Evaluation Report for the All Natural Hazards Mitigation Plan within unincorporated Lake County is available on the Lake County website at <http://www.lakecountyil.gov/Planning/publications/ReportsandStudies.htm>.

GOAL ASSESSMENT

Public Outreach

The Lake County Planning, Building and Development Department prepares an annual Repetitive Loss Area Mailing, which targets Repetitive Loss Properties and their surrounding repetitive loss area, and offers information on preparing for flooding, permanent flood protection measures, financial assistance, and flood insurance.

Remove High Risk Structures from Floodplain or Protect High Risk Structures

The Lake County Planning, Building and Development Department has approved ten (10) permitted projects for elevating existing structures above the regulatory floodplain elevation to bring the structures into compliance with the Lake County Unified Development Ordinance in 2010.

In addition, the Lake County Stormwater Management Commission applied for and received funds to purchase two (2) repetitively flooded properties in unincorporated areas of Lake County.

Mitigate All Repetitive Loss Structures Identified by FEMA

A permit was issued for one (1) repetitive loss structure to be raised above the flood elevation on a flow-through foundation in 2010. Completion of the project is expected in 2011.

No other repetitive loss structures were removed from the floodplain due to budget constraints and lack of interest from local residents.

Improve Capacity of Drainage Systems

The Lake County Planning, Building and Development Department implements a Drainage Improvement Fund within unincorporated Lake County, Illinois. The purpose of the Drainage Improvement Fund is to improve the capacity of drainage systems. The following projects were funded by the Lake County Planning, Building and Development

Department Drainage Improvement Fund in 2010 with the intent to improve capacity of drainage systems:

- Installation of six (6) new storm sewer systems, with pipe diameters ranging from 8 to 36 inches
- Approximately 2,000 feet of 6 to 12 inch diameter drain tiles were replaced, and two (2) drain tile investigation studies were completed

Acquire Properties in Flood-Prone Areas

The Lake County Stormwater Management Commission applied for and received funds to purchase two (2) repetitively flooded properties in unincorporated areas of Lake County.

Implement Maintenance Programs for Drainage Systems

The Lake County Planning, Building and Development Department enforces the Lake County Unified Development Ordinance (UDO) when reviewing and approving development plans. The UDO requires all new drainage systems be maintained within drainage easements by a designated responsible party, and a Stormwater Management, Monitoring, and Maintenance Plan is required for systems involving a detention basin.

Reduce Inflow and Infiltration and Sewer Backups

The Lake County Public Works Department is committed to reducing sanitary sewer inflow and infiltration and sewer backups, with two (2) inflow reduction projects completed in unincorporated areas in 2010. An existing sanitary sewer in unincorporated Ingleside was “sliplined” to prevent infiltration at separated and failed portions of the sewer, and a “cured-in-place” pipe liner was installed in four (4) sections of sanitary sewer in unincorporated Long Grove.

Maintain Compliance with NFIP

The Lake County Planning, Building and Development Department has maintained its status as a National Flood Insurance Program (NFIP) Community, while maintaining its status as a Class 7 Community in the NFIP Community Rating System.

RECOMMENDATIONS AND REVISIONS

The Lake County Planning, Building and Development Department will continue to maintain Community Rating System status and will continue to work to reduce flood damages within unincorporated Lake County, Illinois through the implementation of the Drainage Improvement Fund, enforcement of floodplain regulations on individual permits, and completion of public outreach projects. The Lake County Public Works Department will continue to monitor sanitary sewer infrastructure and will work to address inflow and infiltration and sewer backups. The Lake County Stormwater Management Commission plans to pursue funding on an annual basis to continue to purchase floodprone properties throughout the County, and is seeking funding to update the All Natural Hazard Mitigation Plan in 2011.