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Planning Director

KANKAKEE COUNTY PLANNING DEPARTMENT APPLICATION FOR CLASS I & II GRADING AND DRAINAGE/STORMWATER PERMIT APPLICATION

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OVERVIEW

In April 2006 the Kankakee County Board adopted the Kankakee County Stormwater Management Ordinance. The Ordinance requires that applicable projects in the unincorporated areas of Kankakee County obtain either a Class I or Class II Grading and Drainage Stormwater Permit. Listed below are just a few of the many purposes and benefits of this program, for additional information you may consult Section 109-106 of the County Code:

- Comply with the National Pollutant Discharge Elimination System.
- Ensures the protection and conservation of our natural resources.
- Promotes and protects the public health, safety and general welfare of the citizens from the hazards of flooding.
- Assures that new developments/redevelopments do not increase flood or drainage hazards to others or create unstable conditions susceptible to erosion.
- Protects the quantity/quality of wetlands.
- Lessens the taxpayer's burden for flood related disasters, repairs to flood damaged public facilities and utilities, and flood rescue/relief operations.

An explanation of both Class I and Class II are listed below, this will assist with determining which permit your project requires. A flowchart is also attached to the application to further aid with defining classification, see "*Attachment A*".

Class I: All construction except single family residential and duplexes that meets one of the following thresholds shall require a Class I grading and drainage permit:

- Any construction that will require a variance to an existing rule or regulation regarding coverage or impervious surface including the addition of an impervious surface area (i.e. streets, roof, patio or parking area or any combination thereof) greater than 500 square feet and less than 10,000 square feet requires a Class I grading and drainage permit.
- Any land disturbing activity on the sloping side of the slope disturbance line, but does not otherwise require a Class II grading and drainage permit.

- Construction of one or more single family dwellings or duplexes that is/are constructed as part of a subdivision development or on an individual parcel without an approved neighborhood drainage plan or stormwater pollution prevention plan.
- Any land disturbing activity (i.e. clearing, grading, stripping, excavation, fill or any combination thereof) that will affect an area in excess of 5,000 square feet, unless the activity solely consists of:
 - The installation, renovation or replacement of a septic system, potable water service line or other utility serving an existing structure.
 - The excavation or removal of vegetation in right of way or public utility easements for the purpose of installing and maintaining utilities.
 - The maintenance, repair or at grade replacement of existing lawn areas not otherwise requiring a stormwater permit under the Ordinance.
 - The maintenance of an existing stormwater facility, not requiring other state or federal permits or approvals.
- Any land disturbing activity that will affect an area in excess of 500 square feet if the activity is within 25 feet of a lake, pond, stream or a wetland.
- Excavation, fill or any combination thereof that will exceed 100 cubic yards.

Class II: Any construction that meets one of the following thresholds shall require a Class II grading and drainage permit:

- Any construction that will include the addition of an impervious surface area (i.e. streets, roof, patio or parking area or any combination thereof) greater than 10,000 square feet.
- Any land disturbing activity (i.e. clearing, grading, stripping, excavation, fill or any combination thereof) that will affect an area greater than one acre (43,560 square feet).

EcoCAT:

All Class II Grading and Drainage/Stormwater applications (Class I, as deemed necessary by Staff) are now required to submit an Illinois Department of Natural Resources Ecological Compliance Assessment Tool (EcoCAT) results report at the time of filing the application.

This must be completed to comply with the [Illinois Endangered Species Protection Act](#) [520 ILCS 10/11(b)] and the [Illinois Natural Areas Preservation Act](#) [525 ILCS 30/17]. These laws requires state agencies and units of local governments to consider the potential adverse effects of proposed action on the Illinois endangered and threatened species and sites list on the Illinois Natural Areas Inventory.

EcoCAT provides a report to determine if your proposed action(s) is in the vicinity of any protected natural resources. In 2006, IDNR implemented EcoCAT, an internet based system designed to facilitate the consultation process. EcoCAT uses, databases, Geographic Information System mapping and a set of programmed decision rules to determine if you proposed action(s) may be in the vicinity of protected natural resources.

You may find additional information about the process and how to request an EcoCAT report in “*Attachment B*” of this application.

APPLICANT INFORMATION

All applicants are required to complete the following:

Owner name(s): _____

Address: _____

City: _____ State: _____ Zip code: _____

Telephone & Fax number(s): _____

E-mail(s): _____

Developer name(s): _____

Address: _____

City: _____ State: _____ Zip code: _____

Telephone & Fax number(s): _____

E-mail(s): _____

Contractor name(s): _____

Address: _____

City: _____ State: _____ Zip code: _____

Telephone & Fax number(s): _____

E-mail(s): _____

Engineering firm: _____

Engineer contact: _____

Engineer's address: _____

City: _____ State: _____ Zip code: _____

Engineer's telephone & fax number(s): _____

Engineer's e-mail(s): _____

Indicate primary contact person

Owner Developer Contractor Engineer

(Signature of owner or authorized agent)

(Date)

SUBJECT PROPERTY INFORMATION

911 address: _____

General location: _____ Township: _____

PIN (parcel index number): _____

Description of proposed construction: _____

SUPPLEMENTARY INFORMATION

Certification that all construction covered by the grading and drainage permit will be undertaken in accordance with the plans approved.

Yes No Plans dated: _____

Application fee of \$ _____ received as set forth in Chapter 18 of the County Code. (Ord. No. 2006-04-11-78)

Yes No

CLASS I ONLY

(complete only if applicable)

Erosion control site plan received that was created with the use a worksheet available from the Kankakee County Soil and Water Conservation District showing the amount of impervious area being created and BMP's (Best Management Practices) to be implemented.

Yes No

CLASS II ONLY

(complete only if applicable)

A faithful performance bond(s), letter of credit or other improvement security to cover all costs of improvements, landscaping, maintenance of improvements/landscaping, soil erosion and sediment control measures for such period as specified by the jurisdiction and engineering and inspection costs to cover the cost of failure or repair of improvements installed on the site. (The amount must be deemed sufficient by the Planning Director or his/her designee).

Yes No

The following information shall be submitted for both existing and proposed property conditions for all applicable developments:

- A topographic survey of the property at one-foot contours (or one-half foot contours for relatively flat areas where additional detail will be required to review drainage designs) unless otherwise specified or approved by the Planning Director or his designee to a consistent vertical datum specified by the County; and an existing drainage and proposed drainage plan for the property and 100 feet surrounding the property at a scale of not more than 100 feet to one inch, and including the following (unless otherwise specified by the Planning Director or his designee):
 - Property boundary, dimensions and approximate acreage.
 - Building setback lines.
 - All existing and proposed structures and sizes.
 - Square feet of existing and proposed impervious surface.
 - All existing or proposed easements.
 - All existing, observed or proposed water or monitoring well head locations.
 - All existing, observed or proposed watermains.
 - All sanitary or combined sewer lines and septic systems.
 - The banks and centerline of streams and channels.
 - Shoreline of lakes, ponds and detention basins with normal water level elevation.
 - Location, size and slope of stormwater conduits and drainage swales.
 - Detention facilities showing inlet and outlet locations and details.
 - Roads, streets and associated stormwater inlets including finished grades.
 - Base flood elevation, flood fringe and regulatory floodway.
 - A vicinity map showing the relationship of the site to its general surroundings at a scale of not greater than 2,000 feet to one inch (1:24,000).
 - Title, scale, north arrow, legend, seal of licensed professional engineer, date and name of person preparing plans.
 - Subwatershed boundaries within the property.
 - Offsite areas draining to property, including entire offsite drainage boundary(ies).
 - Depressional storage areas, including nonjurisdictional wetlands.
 - Inventoried farm drains and tiles.
 - Soil classifications.

- The following certifications and design statements shall be provided:
 - Basis of design for the final drainage system components.
 - A statement giving any applicable engineering assumptions and calculations.
 - Design calculations and other submittals as required by this article, including flow rates and velocities at critical points in the drainage system.
 - A statement of certification of all drainage plans, calculations and supporting data by a professional engineer licensed in the state.

- A depiction of environmental features of the property and immediate vicinity including the following:
 - The limits of wetland areas.
 - The location of trees greater than eight inches in diameter, taken at 4.5 feet dbh in areas to be disturbed.
 - Any designed natural areas or prime farmland so designated by the federal, state or county government.
 - Any proposed environmental mitigation measures.
 - Location and dimensions of a stream buffer area (if required by local jurisdiction).
 - Base flood elevation, flood fringe and regulatory floodplains.
 - Observed abandoned mines.

- Any and all local, state or federal maps delineating floodplains, floodways, or 100 year frequency flood elevation shall be annotated to reflect the proposed change.

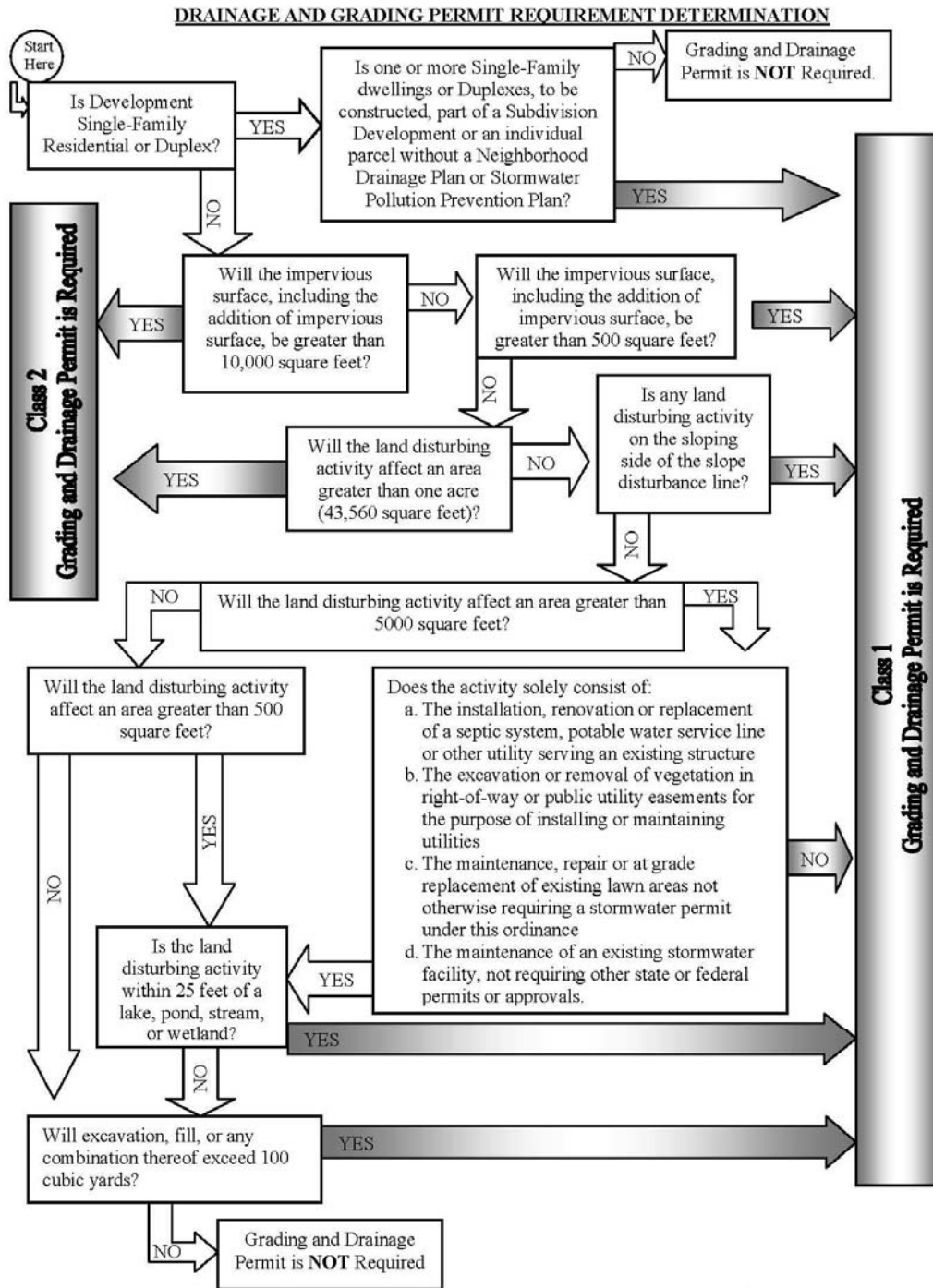
- Conditional approval by FEMA or other regulatory agencies of the proposed changes in the FIRM map.

- Engineering calculations and data supporting all proposed plans. Hydrologic analysis shall be completed in accordance with division 12, subdivision II (Hydrologic design criteria) of the Ordinance. Detention system shall be completed in accordance with division 12, subdivision III (Design system design criteria) of the Ordinance.

- If the project involves modification of a channel with an upstream watershed exceeding 200 acres, the following information shall be submitted:
 - A discussion of the purpose and need for the proposed work.
 - Discussion of the practicability of using alternative locations or methods to accomplish the purpose of the proposed work.
 - Analysis of the impacts of the proposed project, considering cumulative effects on flood storage and the physical and biological conditions of the body of water effected.
 - Hydraulic analysis of the channel modifications, including pre and post project base flood elevations.
 - Additional information as required by the Ordinance.

- Stormwater pollution prevention plan prepared in accordance with division 13 of the Ordinance.

ATTACHMENT "A" FLOWCHART



ATTACHMENT "B" EcoCAT



WHAT?

All Class II Grading and Drainage/Stormwater applications (Class I, as deemed necessary by Staff) are now required to submit an Illinois Department of Natural Resources Ecological Compliance Assessment Tool (**EcoCAT**) results report at the time of filing the request.

WHY?

This must be completed to comply with the Illinois Endangered Species Protection Act [520 ILCS 10/11 (b)] and the Illinois Natural Preservation Act [525 ILCS 30/17]. These laws require state agencies and units of local governments to consider the potential adverse effects of proposed actions on the Illinois endangered species and sites listed on the Illinois Natural Areas Inventory.

HOW EcoCAT WORKS:

EcoCAT will provide a report to determine if your proposed action is in the vicinity of any protected natural resources. In 2006, IDNR implemented **EcoCAT**, an internet based system designed to facilitate the consultation process. **EcoCAT** uses databases, Geographical Information System mapping, and a set of programmed decision rules to determine if your proposed action may be in the vicinity of protected natural resources.

EcoCAT asks a series of General Information questions that you must answer to ensure that your project receives the appropriate review and is assigned to the correct staff member.

After completion of the inquiry you will receive a printer-friendly **EcoCAT** Results Report that either:

- Terminate consultation if no resources are in the vicinity; or
- Lists resources in the vicinity and identifies the staff member who will review the action. After review, staff will either:
 - Terminate consultation because adverse effects are unlikely;
 - Request additional information, or
 - Recommend methods to minimize potential adverse effects.

The report is then utilized by decision makers in assisting with the evaluation of the proposed project/request.

HOW TO OBTAIN AN EcoCAT REPORT:

The report is offered through the Illinois Department of Natural Resources. You may request an EcoCAT report or find additional information about the process at the Illinois Department of Natural Resources website at <http://dnrecocat.state.il.us/ecopublic/>

FOR PLANNING DEPARTMENT USE ONLY (please do not detach)

	Date	Staff
Receipt of application	<input type="text"/>	<input type="text"/>
Application reviewed by	<input type="text"/>	<input type="text"/>
Sent to review engineer	<input type="text"/>	<input type="text"/>
Approval of application	<input type="text"/>	<input type="text"/>
Denial of application *	<input type="text"/>	<input type="text"/>
Permit Number: _____	<input type="text"/>	<input type="text"/>
Approval of application	<input type="text"/>	<input type="text"/>

** If denied state reason:* _____

