

Adopted: April 24, 2012
Effective: April 25, 2012

**DUPAGE COUNTY STORMWATER MANAGEMENT
421 N. COUNTY FARM ROAD
WHEATON, IL 60187**

GENERAL CERTIFICATION NO. _____

**PERTAINING TO THE CONSTRUCTION OF SHORELINE OR
STREAM BANK STABILIZATION MEASURES**

PURPOSE

Pursuant to Article IV, Section 15-32, of the DuPage County Countywide Stormwater And Flood Plain Ordinance (Ordinance) the Director, or Administrator in a Waiver Community, may issue General Certifications (GCs) which, when found applicable to the particular circumstances of a development, will serve as the Stormwater Management Certification for the development activity, or a portion of the development activity. The purpose of a GC under the Ordinance is to provide a simplified and expeditious means to review and certify activities that meet the requirements of the Ordinance by following the specified terms and conditions described within the GC. This GC provides certification under the Ordinance and is only valid upon approval by the Director or Administrator for a specific project. The Director or Administrator shall make the final determination as to whether a project meets all the terms and conditions of this GC. If a project does not meet all of the terms and conditions of this GC, an individual certification shall be required per the Ordinance. This GC shall remain in effect until such time that it is modified, suspended or revoked by the Director or Administrator.

APPLICABILITY

This GC applies to the construction of Stream Bank Stabilization as defined in the Ordinance. Bioengineering practices using native vegetation in whole or in part are encouraged above all others unless structural stabilization practices are found to be more appropriate. Applicants seeking to use this GC shall submit a stormwater management certification application with the required supporting information and obtain a building permit or other local jurisdiction authorization prior to commencing a proposed development activity.

COORDINATION WITH OTHER AGENCIES

This GC does not supersede nor relieve any responsibility to obtain other federal, state or local permits or jurisdictional authorizations.

GENERAL CONDITIONS

1. The applicant shall comply with all rules, regulations and provisions of the Ordinance unless specifically modified or specified in this GC.
2. The minimum stormwater submittal and design requirements shall be as delineated below in the Submittal Requirements and the Special Conditions & Design Requirements sections of this GC. Other items may be required by the Director or Administrator to demonstrate compliance with the Ordinance.
3. In a non-waiver or partial waiver community, authorization is required from the Director for work in a flood plain, wetland or non-turf grass buffer area. If required, site wetland boundaries shall be demarcated in the field and verified by an Environmental Scientist representing the County, or the Complete Waiver Community. Mitigation measures may be required for any impacts. Any significant impact, based on the opinion of the Director or the Administrator, may be judged to be beyond the scope of work that may be authorized by this GC.
4. All disturbed areas are to be seeded, sodded, or planted with other vegetation as approved by the Director or Administrator; if seeded, the restored area must be protected with erosion control measures until the vegetation has been established and the ground is stabilized.
5. Minor temporary stockpiling of materials or fills with the flood plain may be allowed. The Director or Administrator may place limits on how long and where the temporary stockpiling can take place.
6. Construction activities shall commence within one hundred eighty (180) calendar days after the issuance of any local permit or jurisdictional authorization otherwise this GC shall be null and void. If in the opinion of the Director or the Administrator conditions existed beyond the control of the applicant preventing construction activities to commence, additional time may be granted beyond the one hundred eighty (180) calendar day time limit.
7. A certification under this GC expires one (1) year following the date of certification issuance unless extended in accordance with Section 15-32 of the Ordinance.
8. A security as required in accordance with Article VI of the Ordinance may be waived by the Director or Administrator.

SPECIAL CONDITIONS & DESIGN REQUIREMENTS

The following conditions and minimum design requirements must be met for this GC unless waived by the Director or Administrator:

1. Activities under this GC are strictly limited to development activity having only a temporary impact to flood plain, buffer, and/or wetland. No permanent direct or indirect impact shall occur to wetlands.
2. The total length of stream bank to be protected shall not exceed one thousand (1,000) feet when using vegetative/biotechnical stabilization methods or no more than five hundred (500) feet when using structural methods (work on opposing

banks shall be measured separately). Examples of biotechnical methods include, but are not limited to:

- a. Adequately sized stone or A-Jack structures keyed into the toe of the slope, in combination with native plantings to be established from the toe to the top of the bank.
 - b. Vegetated geogrids
 - c. Coconut fiber (coir) logs
 - d. Live, woody vegetative cuttings, fascines or stumps
 - e. Brush layering
 - f. Soil lifts
3. Existing turf or formal landscaping may be replaced in kind provided it does not compromise the functions of buffers, wetlands, flood plains or the stability of the bank.
 4. Structural methods may be used to replace an existing structure provided that the new practice includes only minor deviations in the structure's configuration or footprint including those due to changes in materials.
 5. The length of a proposed channel shall not be shorter than the length of the disturbed channel.
 6. Stream Bank Stabilization shall match the existing toe unless conforming to a stable cross section upstream and downstream of the project limits.
 7. No additional material shall be added to increase the elevation of the top of bank.
 8. The work shall not degrade the functions of the buffer or the long-term stability of the water course.

SUBMITTAL REQUIREMENTS

The applicant shall provide the Director or Administrator with a minimum of the following information unless waived by the Director or Administrator:

1. Stormwater certification application form.
2. Project description.
3. FEMA, DFIRM and RFM maps, with the site location identified.
4. A soil and erosion control plan meeting the requirements of the Ordinance
5. A scaled engineering site plan identifying the following information (as required by the Director or Administrator):
 - a. Project limits
 - b. Existing and proposed grading
 - c. Flood plain, floodway, wetland, and buffer limits
 - d. Stabilization details
 - e. Restoration planting plans with an appropriate native species list when required.
 - f. Staging areas and access routes
 - g. Temporary stockpile locations
 - h. Existing and proposed cross-sectional area calculations (for all projects involving bank re-shaping)
6. Construction details including type, material, and dimensions

7. When applicable, a statement from a Professional Engineer stating that no upstream or downstream impacts can be expected to occur as a result of the project.
8. When applicable, a letter prepared by an Environmental Scientist describing wetland/waters location, and anticipated buffer impacts, and the replacement of buffer functions.
9. A management and monitoring plan with planting criteria and performance standards
10. Copies of all federal, state and other local permits or authorizations.
11. A cost estimate.
12. Other items as required by the Director or Administrator to demonstrate compliance with requirements of the Ordinance.

APPROVED:

Anthony J. Charlton, P.E
Director of Stormwater Management
DuPage County

Date