



City Engineer
2400 Springbrook Ct., Beloit, WI 53511
Office: 608-364-6690 Fax: 608-364-2879
<http://www.beloitwi.gov>

**ENGINEERING DIVISION
CONSTRUCTION SITE EROSION CONTROL PERMIT**

PROJECT NAME _____

ADDRESS OF CONSTRUCTION SITE _____

OWNER NAME _____

OWNER CONTACT, PHONE & EMAIL _____

GENERAL CONTRACTOR _____

CONTRACTOR SITE CONTACT (Name, Phone, Email) _____

(EC) CONTRACTOR _____

EC CONTRACTOR SITE CONTACT (Name, Phone, Email) _____

SQUARE FOOTAGE OF DISTURBED AREA: _____

PROPOSED EROSION CONTROL: Ditch Checks Silt Fence Tracking Pad Inlet Protection
 Other _____

DESCRIPTION OF LAND DISTURBING ACTIVITIES: _____

STANDARD REQUIREMENTS:

- Location of erosion control measures to be shown on a copy of the site plan / plat of survey.
- Erosion control measures are to be installed prior to commencement of land disturbing activities.
- Erosion control measures will be maintained and kept in place until final stabilization has occurred.
- Inspection is required for commercial/industrial permits and shall be scheduled by calling 364-6659.
- Mud or sediment tracked onto the roadway shall be removed prior to the end of each workday.

PROPOSED CONSTRUCTION SCHEDULE (provide approximate dates):

Start of Land Disturbance _____
Date

Completion of Site Stabilization _____
Date

Signature of Owner/Agent Date

*****OFFICE USE ONLY*****

Application Fees (1-5 Ac = \$500, 5+ Ac = \$1,250)

Conditions of approval: _____

Permit approved: _____
CITY ENGINEER OR EROSION CONTROL INSPECTOR TITLE DATE

Tax Key No. _____
Permit No. _____
Date _____



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Purpose: It is the purpose of this section to preserve natural resources, to protect the quality of the waters of the state and the City of Beloit and to protect and promote the health, safety and welfare of the people, to the extent practicable, by minimizing the amount of sediment and other pollutants carried by runoff or discharged from land disturbing construction activity to waters of the state.

Applicability: This section applies to the following land disturbing construction activities.

1. Any construction site, as that term is defined in Section 8-905 of the Municipal Code, which has one or more acres of land disturbing construction activity.

Permit Conditions: All permits shall require the landowner to:

1. Notify the City Engineer within 48 hours of commencing any land disturbing construction activity.
2. Notify the City Engineer of completion of any BMPs within 10 business days after their installation.
3. Obtain permission in writing from the City Engineer prior to any modification pursuant to Section 8-910(c) of the erosion and sediment control plan.
4. Install all BMPs as identified in the approved erosion and sediment control plan.
5. Maintain all road drainage systems, stormwater drainage systems, BMPs and other facilities identified in the erosion and sediment control plan.
6. Repair any siltation or erosion damage to adjoining surfaces and drainage ways resulting from land disturbing construction activities and document repairs in weekly inspection reports.
7. Inspect the BMPs within 24 hours after each rain of 0.5 inches or more which results in runoff during active construction periods, and at least once each week, make needed repairs and document the findings of the inspections in a site erosion control log with the date of inspection, the name of the person conducting the inspection, and a description of the present phase of the construction at the site.
8. Allow the City Engineer to enter the site for the purpose of inspecting compliance with the erosion and sediment control plan or for performing any work necessary to bring the site into compliance with the control plan. Keep a copy of the erosion and sediment control plan, stormwater management plan, amendments, weekly inspection reports, and permit at the construction site until permit coverage is terminated.
9. The permit applicant shall post the "Certificate of Permit Coverage" in a conspicuous location at the construction site.

Permit Duration: Permits issued under this section shall be valid for a period of 180 days, or the length of the building permit or other construction authorizations, whichever is longer, from the date of issuance. The City Engineer, or his/her designee, may extend the period one or more times for up to an additional 180 days, provided a written request is received and approved by the City Engineer, or his/her designee. The City Engineer, or his/her designee, may require additional BMPs as a condition of the extension if they are necessary to meet the requirements of this ordinance.

Erosion and Sediment Control Plan:

1. An erosion and sediment control plan shall be prepared and submitted to the City Engineer.
2. The erosion and sediment control plan shall be designed to meet the performance standards in Section 8-908 and other requirements of this ordinance.
3. The erosion and sediment control plan shall address pollution caused by soil erosion and sedimentation during construction and up to final stabilization of the site. The erosion and sediment control plan shall include, at a minimum, the following items:
 - (a) Name(s), address(es), and telephone number(s) of the owner or developer of the site, and of any consulting firm retained by the applicant, together with the name of the applicant's principal contact at such firm. The application shall also include start and end dates for construction.
 - (b) Description of the site and the nature of the construction activity, including representation of the limits of land disturbance on a United States Geological Service 7.5 minute series topographic map.
 - (c) A sequence of construction of the development site, including stripping and clearing; rough grading; construction of utilities, infrastructure, and buildings; and final grading and landscaping. Sequencing shall identify the expected date on which clearing will begin, the estimated duration of exposure of cleared areas, areas of clearing, installation of temporary erosion and sediment control measures, and establishment of permanent vegetation.
 - (d) Estimates of the total area of the site and the total area of the site that is expected to be disturbed by construction activities.
 - (e) Calculations to show the compliance with the performance standard in Section 8-908.c.2(a).



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Erosion and Sediment Control Plan Continued:

- (f) Existing data describing the surface soil as well as subsoils.
- (g) Depth to groundwater, as indicated by Natural Resources Conservation Service soil information where available.
- (h) Name of the immediate named receiving water from the United States Geological Service 7.5 minute series topographic map.

4. The erosion and sediment control plan shall include a site map. The site map shall include the following items and shall be at a scale not greater than 100 feet per inch and at a contour interval not to exceed five feet.

- (a) Existing topography, vegetative cover, natural and engineered drainage systems, roads and surface waters. Lakes, streams, wetlands, channels, ditches and other watercourses on and immediately adjacent to the site shall be shown. Any identified 100-year flood plains, flood fringes and floodways shall also be shown.
- (b) Boundaries of the construction site.
- (c) Drainage patterns and approximate slopes anticipated after major grading activities.
- (d) Areas of soil disturbance.
- (e) Location of major structural and non-structural controls identified in the plan.
- (f) Location of areas where stabilization practices will be employed.
- (g) Areas which will be vegetated following construction.
- (h) Aerial extent of wetland acreage on the site and locations where stormwater is discharged to a surface water or wetland within one-quarter mile downstream of the construction site.
- (i) Area(s) used for infiltration of post-construction stormwater runoff.
- (j) An alphanumeric or equivalent grid overlying the entire construction site map.

5. Each erosion and sediment control plan shall include a description of appropriate controls and measures that will be performed at the site to prevent pollutants from reaching waters of the state. The plan shall clearly describe the appropriate control measures for each major activity and the timing during the construction process that the measures will be implemented. The description of erosion controls shall include, when appropriate, the following minimum requirements:

- (a) Description of interim and permanent stabilization practices, including a practice implementation schedule. Site plans shall ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized.
- (b) Description of structural practices to divert flow away from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from the site. Unless otherwise specifically approved in writing by the City Engineer, or his designee, structural measures shall be installed on upland soils.
- (c) Management of overland flow at all sites, unless otherwise controlled by outfall controls.
- (d) Trapping of sediment in channelized flow.
- (e) Staging construction to limit bare areas subject to erosion.
- (f) Protection of downslope drainage inlets where they occur.
- (g) Minimization of tracking at all vehicle and equipment entry and exit locations of the construction site.
- (h) Cleanup of off-site sediment deposits.
- (i) Proper disposal of building and waste materials at all sites.
- (j) Stabilization of drainage ways.
- (k) Installation of permanent stabilization practices as soon as possible after final grading.
- (l) Minimization of dust to the maximum extent practicable.

6. The erosion and sediment control plan shall require that the velocity dissipation devices be placed at discharge locations and along the length of any outfall channel, as necessary, to provide a non-erosive flow from the structure to a watercourse so that the natural physical and biological characteristics and functions are maintained and protected.



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Amendments. The applicant shall amend the plan if any of the following occur:

1. There is a change in design, construction, operation or maintenance at the site which has the reasonable potential for the discharge of pollutants to waters of the state and which has not otherwise been addressed in the plan.
2. The actions required by the plan fail to reduce the impacts of pollutants carried by construction site runoff.
3. The City Engineer notifies the applicant of changes needed in the plan.
4. A request for an amendment shall be submitted in a detailed written application within 30 days of occurrence of any event as set out in paragraph 1., 2., or 3. and shall require payment of an additional fee as established by city council resolution. The amended plan shall be subject to the same procedures, review, issuance and denial standards as set out in Section 8-909(c).

Refer to the Municipal Code of the City of Beloit for full Construction Site Erosion Control Ordinance and exemptions (Article 8.9 of Zoning Code).
Available at: <http://www.beloitwi.gov>