

EROSION CONTROL REGULATIONS

This document includes all provisions of Chapter 290 of the Code of Ordinances which comprise the City of Milwaukee's erosion control regulations. In addition, this document incorporates all new provisions as contained in File Number 021113, Substitute 2. The new provisions are "red boxed" within the text of Chapter 290.

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**CHAPTER 290
EROSION CONTROL**

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Note: s. 290-1 is repealed and recreated. Below is the text of each provision: current text and the replacement text:

CURRENT TEXT

290-1. Definitions. In this chapter:

1. **AGRICULTURAL LAND USE** means use of land for planting, growing, cultivating and harvesting of crops for human or livestock consumption and pasturing or yarding of livestock.
2. **COMMERCIAL LAND USE** means use of land for the retail or wholesale sale of goods or services.
3. **CONSTRUCTION SITE CONTROL MEASURE** means a control measure used to meet the requirements of s. 290-7-2.
4. **CONTROL MEASURE** means a practice or combination of practices to control erosion and attendant pollution.
5. **CONTROL PLAN** means a written description of the number, locations, sizes and other pertinent information of control measures designed to meet the requirements of this chapter submitted by the applicant for review and approval by the department of city development.
6. **EROSION** means the detachment and movement of soil, sediment or rock fragments by water, wind, ice or gravity.
7. **LAND DEVELOPING ACTIVITY** means the construction of buildings, roads, parking lots, paved storage areas and similar facilities.
8. **LAND DISTURBING ACTIVITY** means any man-made change of the land surface including removing vegetation cover, excavating, filling and grading and demolition of buildings, structures or parts thereof but not including agricultural land uses such as planting, growing, cultivating and harvesting of crops; growing and tending of gardens; harvesting of trees; and landscaping modifications.
9. **LAND USER** means any person operating, leasing, renting, or having made other arrangements with the landowner by which the landowner authorizes use of his or her land.
10. **LANDOWNER** means any person holding title to or having an interest in land.
11. **RIGHT-OF-WAY AND PUBLIC UTILITY EASEMENTS** means lands platted, dedicated or used for streets, alleys, county parkways, pedestrian ways and drainage channels, and easements granted for drainage purposes, sewers, water main and city underground or overhead cable.
12. **RUNOFF** means the rainfall, snowmelt or irrigation water flowing over the ground surface.
13. **SET OF ONE YEAR DESIGN STORMS** means the following rain intensities and rain volumes or corresponding values specific to the community for storms that occur approximately once per year:
14. **SITE** means the entire area included in the legal description of the land on which the land disturbing or land development activity is proposed in the permit application.

Average Storm Duration (hours)	Rain Intensity (inches/hour)	Total Rain (inches)
0.5	1.8	0.9
1	1.1	1.1
2	0.7	1.3
3	0.5	1.5
6	0.3	1.7
12	0.2	2.0
24	0.1	2.3

REPLACED BY

290-1. Definitions. In this chapter:

1. **AGRICULTURAL LAND USE** means use of land for planting, growing, cultivating and harvesting of crops for human or livestock consumption and pasturing or yarding of livestock.
2. **BEST MANAGEMENT PRACTICE (BMP)** means structural or non-structural measures which are temporary or permanent measures, methods, procedures and devices employed to avoid or minimize soil, sediment and pollutant movement, or to manage storm water runoff, onto or off a site, developed in consultation with the Wisconsin department of natural resources.
3. **BMP HANDBOOK** means the most recent edition of the Wisconsin construction site best management practices handbook.
4. **COMMERCIAL LAND USE** means use of land in whole or in part as a place of resort, assemblage, trade, traffic, occupancy, or use by the public.
5. **CONSTRUCTION SITE CONTROL MEASURE** means a control measure used to meet the requirements of s.290-7-2.
6. **CONTROL MEASURE** means a practice or combination of practices to control erosion and attendant pollution.
7. **CONTROL PLAN** means a written description or drawing with the number, locations, sizes and other pertinent information of control measures designed to meet the requirements of this chapter submitted by the applicant for review and approval by the department of city development in case of private property or by the department of public works in case of a public right-of way.
8. **EROSION** means the detachment and movement of soil, sediment or rock fragments by water, wind, ice or gravity.
9. **ILLICIT DISCHARGE** means any discharge to the drainage system which is not composed entirely of storm water unless a permit has been obtained from the appropriate regulatory agency. This includes, but is not limited to, activities related to spills, dumping and disposal of any substance or material.
10. **LAND DEVELOPING ACTIVITY** means the construction, demolition or removal of buildings, structures, roads, parking lots, utilities, paved storage areas and similar facilities, or parts thereof.

11. LAND DISTURBING ACTIVITY means any man-made change of the land surface including removing vegetation cover, excavating, filling and grading, but not including agricultural land uses such as planting, growing, cultivating and harvesting of crops; growing and tending of gardens; and harvesting of trees.

12. LAND USER means any person operating, leasing, renting or having made other arrangements with the landowner by which the landowner authorizes use of his or her land.

13. LANDOWNER means any person holding title to or having an interest in land.

14. MAINTENANCE means the upkeep by the applicant, or subsequent landowner or land user during the period of land disturbance and land development of the site or any portion thereof, in a manner to ensure adequate performance and to prevent nuisance conditions.

15. PUBLIC RIGHT-OF-WAY AND PUBLIC UTILITY EASEMENTS means lands platted, dedicated or used for streets, alleys, county parkways, pedestrian ways and drainage channels, and easements granted for drainage purposes, sewers, water main and city underground or overhead cable.

16. RUNOFF means the rainfall, snowmelt, dewatering or irrigation of water flowing over the ground surface.

17. SET OF ONE YEAR DESIGN STORMS means the following rain intensities and rain volumes or corresponding values specific to the community for storms that occur approximately once per year:

Average Storm Duration (hours)	Rain Intensity (inches/hour)	Total Rain (inches)
0.5	1.8	0.9
1	1.1	1.1
2	0.7	1.3
3	0.5	1.5
6	0.3	1.7
12	0.2	2.0
24	0.1	2.3

18. SITE means the entire area included in the legal description of the land on which the land disturbing or land development activity is proposed in the permit application. This includes all work in the public right-of-way.

Note: s.290-2 is new text:

290-2. Intent. It is the intent of this chapter to prevent site materials, construction residue or illicit discharges from entering any portion of the storm sewer system and watercourses. This applies to construction grading and excavation in or adjacent to any public way, watercourse or storm drainage facility.

Note: s.290-3 is repealed and recreated:

CURRENT TEXT

290-3. Design Criteria, Standards and Specifications. All control measures required to comply with this chapter shall meet the design criteria, standards and specifications for the control measures based on accepted design criteria, standards and specifications identified by the department.

REPLACED BY

290-3. Design, Criteria, Standards and Specifications. All control measures required to comply with this chapter shall meet the design criteria, standards and specifications for the control measures based on accepted design criteria, standards and specifications identified by the department. The Wisconsin department of transportation erosion control product acceptability list (WisDotPAL) and the department of natural resources' best management practices handbook may be used as a reference; however, each project shall have an individual control plan.

Note: s.290-5 is repealed and recreated:

CURRENT TEXT

290-5. Maintenance of Control Measures. All sedimentation basins and other control measures necessary to meet the requirements of this chapter shall be maintained by the applicant or subsequent landowner during the period of land disturbance and land development of the site in a satisfactory manner to ensure adequate performance and to prevent nuisance conditions.

REPLACED BY

290-5. Maintenance of Control Measures. To meet the requirements of this chapter the applicant or subsequent landowner shall:

- 1.** Inspect the construction control measures after each rain of 0.5 inches or more and at least once each week and make needed repairs.
- 2.** Allow the department of neighborhood services to enter the site for the purpose of inspecting compliance with the control plan or for performing any work necessary to bring the site into compliance the plan

3. Keep a copy of the control plan on the site.
4. Send record of inspection and repairs to appropriate city department as defined in the erosion control permit.

Note: s. 290-7-1-0 is repealed and recreated:

CURRENT TEXT

290-7. Control of Erosion and Pollutants. 1. APPLICABILITY. This section applies to the following sites of land development or land disturbing activities:

REPLACED BY

290-7. Control of Erosion and Pollutants: 1. APPLICABILITY. This section applies to the following sites of land development or land disturbing activities and storage of erodible material:

- a. Those requiring a subdivision plat approval or the construction of houses or commercial, industrial or institutional buildings on lots of approved subdivision plats.
- b. Those requiring a certified survey approval or the construction of houses or commercial, industrial or institutional buildings on lots of approved certified surveys.
- c. Those involving grading, removal of protective ground cover or vegetation, excavation, land filling or other land disturbing activity affecting a surface area of 4,000 square feet or more.

Note: s. 290-7-1-d is repealed and recreated:

CURRENT TEXT

d. Those involving excavation or filling or a combination of excavation and filling affecting 400 cubic yards or more of dirt, sand or other excavation or fill material.

REPLACED BY

d. Those involving excavation, filling or storage, or a combination of excavation and filling of storage affecting 100 cubic yards or more of dirt, sand or other excavation or fill material.

e. Those involving street, highway, road or bridge construction, enlargement, relocation or reconstruction.

Note: s. 290-7-1-f is repealed and recreated:

CURRENT TEXT

f. Those involving the laying, repairing, replacing or enlarging of an underground pipe or facility for a distance of 300 feet or more.

REPLACED BY

f. Those involving the laying, repairing, replacing or enlarging of an underground pipe or facility on private property or in the public right-of-way for a distance of 300 feet or more.

Note: s. 290-7-1-g is repealed and recreated:

CURRENT TEXT

g. Those involving demolition where soil could be exposed to wind and rain.

REPLACED BY

g. Those involving demolition, razing or major repair of any building where soil could be exposed to wind and rain.

2. REQUIREMENTS. The following requirements shall be met on all sites described in sub. 1.

Note: s. 290-7-2-a is repealed and recreated:

CURRENT TEXT

a. Dewatering. Water pumped from the site shall be treated by temporary sedimentation basins, grit chambers, sand filters, upslope chambers, hydro-cyclons, swirl concentrators or other appropriate controls designed and used to remove particles of 100 microns or greater for the highest dewatering pumping rate. If the water is demonstrated to have no particles greater than 100 microns during dewatering operations, then no control is needed before discharge, except as determined by the department. Water may not be discharged in a manner that causes erosion of the site or receiving channels.

REPLACED BY

a. Dewatering. Water pumped from the site shall be treated by temporary sedimentation basins, grit chambers, sand filters, upslope chambers, hydro-cyclons, swirl concentrators or other appropriate controls designed and used to remove particles of 100 microns or greater for the highest dewatering pumping rate. If the water is demonstrated to have no particles greater than 100 microns during dewatering operations, then no control is needed before discharge, except as determined by the department. Water may not be discharged in a manner that causes erosion of the site or receiving channels. This includes truck washout or disposal of spent water.

- b. Disposal. All waste and unused building materials, including but not limited to garbage, debris, cleaning wastes, wastewater, toxic materials, or hazardous materials, shall be properly disposed and not allowed to be carried by runoff into a receiving channel or storm sewer system.
- c. Tracking. Each site shall have graveled roads, access drives and parking areas of sufficient width and length to prevent sediment from being tracked onto public or private roadways. Any sediment reaching a public or private road shall be removed immediately by street cleaning, other than flushing.

Note: s. 290-7-2-d is repealed and recreated:

CURRENT TEXT

d. Drain Inlet Protection. All storm drain inlets shall be protected with a straw bale, filter fabric or equivalent barrier meeting accepted design criteria, standards and specifications.

REPLACED BY

d. Drain Inlet Protection. All storm drain inlets shall be protected with a straw bale, frame with filter fabric or equivalent barrier meeting accepted design criteria, standards and specifications.

Note: s. 290-7-2-e-0 is repealed and recreated:

CURRENT TEXT

e. Site Erosion Control. The following criteria apply only to land development or land disturbing activities that result in runoff leaving the site:

REPLACED BY

e. Site Erosion Control. The following criteria apply to land development or land disturbing activities that result in runoff leaving the site:

e-1. Channelized runoff from adjacent areas passing through the site shall be diverted around disturbed areas, if practical. Otherwise, the channel shall be protected as described in subd. 4. Sheetflow runoff from adjacent areas greater than 10,000 square feet in area shall be diverted around disturbed areas unless shown to have resultant runoff velocities of less than 0.5 feet per second across the disturbed area for the set of one year design storms. Diverted runoff shall be conveyed in a manner that will not erode the conveyance and receiving channels.

e-2. All activities on the site shall be conducted in a logical sequence to minimize the area of bare soil exposed at any one time.

Note: s. 290-7-2-e-3 is repealed and recreated:

CURRENT TEXT

e-3. All disturbed ground left inactive for 10 or more days shall be stabilized by seeding or sodding or by mulching or covering, or other equivalent control measure. Seeding and sodding may only be used from May 1 to September 15 of any year.

REPLACED BY

e-3. All disturbed ground left inactive for 10 or more days shall be stabilized by seeding or sodding, or by mulching or covering, or other equivalent control measure. Seeding and sodding may only be used from May 1 to September 15 of any year.

Note: 290-7-2-e-4 is repealed and recreated:

CURRENT TEXT

e-4. For sites with more than 10 acres disturbed at one time, or if a channel originates in the disturbed area, one or more sedimentation basins shall be constructed. Each sedimentation basin shall have a surface area of at least 1% of the area draining to the basin and at least 3 feet of depth and constructed in accordance with accepted design specifications. Sediment shall be removed to maintain a depth of 3 feet. The basin shall be designed to trap sediment greater than 15 microns in size, based on the set of one year design storms having durations from 0.5 to 24 hours. The basin discharge rate shall also be sufficiently low as to not cause erosion along the discharge channel or the receiving water.

REPLACED TEXT

e-4. For sites with more than 5 acres disturbed at one time, or if a channel originates in the disturbed area, one or more sedimentation basins shall be constructed. Each sedimentation basin shall have a surface area of at least 1% of the area draining to the basin and at least 3 feet of depth and constructed in accordance with accepted design specifications. Sediment shall be removed to maintain a depth of 3 feet. The basin shall be designed to trap sediment greater than 15 microns in size, based on the set of one-year design storms having durations from 0.5 to 24 hours. The basin discharge rate shall also be sufficiently low as to not cause erosion along the discharge channel or the receiving water.

Note: s. 290-7-2-e-5 is repealed and recreated:

CURRENT TEXT

e-5. For sites with less than 10 acres disturbed at one time, filter fences, straw bales or equivalent control measures shall be placed along all sideslope and downslope sides of

the site. If a channel or area of concentrated runoff passes through the site, filter fences shall be placed along the channel edges to reduce sediment reaching the channel.

REPLACED TEXT

e-5. For sites with less than 5 acres disturbed at one time, filter fences, straw bales or equivalent control measures shall be placed along all sideslope and downslope sides of the site. If a channel or area of concentrated runoff passes through the site, filter fences shall be placed along the channel edges to reduce sediment reaching the channel.

Note: s. 290-7-2-e-7 to 9 is new text:

e-7. Within the public right-of-way no erodible materials shall be located within 100 feet of any unprotected storm drain inlet.

e-8. The city shall be notified 3 working days before any land disturbing activities are commenced.

e-9 The city shall be notified when erosion control measures are in place.

Note: s. 290-7-4 is renumbered 290-7-2-3-6.

Note: The provisions being renumbered read as follows:

4. Any soil or dirt storage piles containing more than 10 cubic yards of material should not be located with a downslope drainage length of less than 25 feet to a roadway or drainage channel. If remaining for more than 10 days, they shall be stabilized by mulching, vegetative cover, tarps or other means. Erosion from piles which will be in existence for less than 10 days shall be controlled by placing straw bales or filter fence barriers around the pile. In-street utility repair or construction soil or dirt storage piles located closer than 25 feet of a roadway or drainage channel must be covered with tarps or suitable alternative control if exposed for more than 10 days, and the storm drain inlets must be protected with straw bale or other appropriate filtering barriers.

290-9. Control Plan for Building and Site Development. No landowner or land user may commence a land disturbance or land development activity subject to this chapter without receiving prior approval of a control plan for the site and a permit from the department of city development, except as provided in s. 290-11. At least one landowner or land user controlling or using the site and desiring to undertake a land disturbing or land developing activity subject to this chapter shall submit an application for a permit and a control plan and pay an application fee to the department of city development. By submitting an application, the applicant is authorizing the department of neighborhood services to enter the site to obtain information required for the review of the control plan.

1. ACTIVITIES COVERING MORE THAN ONE ACRE. The control plan for land disturbing activities covering more than one acre shall consist of:

a. A map of existing site conditions on a scale of at least one inch equals 100 feet showing the site and immediately adjacent areas:

a-1. Site boundaries and adjacent lands which accurately identify site location.

a-2. Lakes, streams, wetlands, channels, ditches and other ~~[[water courses]]~~
>>watercourses<< on and immediately adjacent to the site.

a-3. One hundred year floodplains, flood fringes and floodways.

a-4. Location of the predominant soil types.

a-5. Vegetative cover.

a-6. Location and dimensions of stormwater drainage systems and natural drainage patterns on and immediately adjacent to the site.

a-7. Locations and dimensions of utilities, structures, roads, highways and paving.

a-8. Site topography at a contour interval not to exceed 5 feet.

b. A plan of final site conditions on the same scale as the existing site map showing the site changes.

c. A site construction plan including:

c-1. Locations and dimensions of all proposed land disturbing activities, temporary soil or dirt stockpiles and construction site management control measures necessary to meet the requirements of this chapter.

c-2. Schedule of anticipated starting and completion date of each land disturbing or land developing activity including the installation of construction site control measures needed to meet the requirements of this chapter.

c-3. Provisions for maintenance of the construction site control measures during construction.

2. ACTIVITIES COVERING LESS THAN ONE ACRE. For land disturbing activities covering less than one acre, an erosion control plan statement with simple map shall be submitted to briefly describe the site and erosion controls, including the site development schedule, that will be used to meet the requirements of this chapter.

3. REVIEW. Within 15 days of receipt of the application, control plan, or control plan statement and fee, the department of city development shall review the application and control plan to determine if the requirements of this chapter are met. The department of city development shall approve the plan, inform the applicant and issue a permit. If the conditions are not met, the department of city development shall inform the applicant in writing and may either require needed information or disapprove the plan. Within 10 days of receipt of needed information, the department of city development shall again determine if the plan meets the requirements of this chapter. If the plan is disapproved, the department of city development shall inform the applicant in writing of the reasons for the disapproval.

4. PERMITS. Duration. a. Permits 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 department of city development may extend the period one or more times for up to an additional 180 days. The department of city development may require additional control measures as a condition of the extension if they are necessary to meet the requirements of this chapter.

b. Irrevocable Letter of Credit, Bond or Certified Check. As a condition of approval and issuance of the permit, the department of city development shall require the prime contractor or owner to deposit an irrevocable letter of credit, bond or certified check to guarantee a good faith execution of the approved control plan and any permits. The

irrevocable letter of credit, bond or certified check shall be conditioned that the prime contractor or owner will perform and sufficiently complete all work engaged in as a result of being granted a permit and guarantee that the applicant will perform in accordance with this chapter. The form of the irrevocable letter of credit shall be prepared by the department of city development and approved as to form and execution by the office of the city attorney. On sites that involve the construction or demolition of 1 or 2-family residence, the commissioner of city development may waive the requirement for an irrevocable letter of credit, bond or certified check. The amounts of letters of credit, bond or certified check shall be based on the following schedule, depending on their applicability to specific developments as specified in the approved erosion control plan in s. 290-11:

Note: s. 290-9-4-b-1 to b-14 is repealed and recreated:

CURRENT TEXT

- b-1. Topsoil (3 inches), seed, fertilizer: \$.38/sq. ft.
- b-2. Seed, mulch, fertilizer: \$.08/sq. ft.
- b-3. Silt fence (installed): \$4.00/lin. ft.
- b-4. Sodding: \$3.75/sq. yd.
- b-5. Synthetic netting: \$.55/sq. yd.
- b-6. Rock rip-rap (6-12" stone): \$27.00/cu. yd.
- b-7. Excavating and grading equipment: \$90.00/hour (estimate machine time).
- b-8. Sediment removal by dredging: \$25.00/cu. yd.
- b-9. Demolition sites (500 sq. ft. minimum): \$2,000 minimum.
- b-10. Street sweeping: \$70/hour.
- b-11. Catch basins cleaning: \$100/basin.
- b-12. Inlet baskets: \$150/inlet.
- b-13. Inlet screens: \$75/inlet screen.
- b-14. Gutter detention: \$75/unit.

REPLACED BY

- b. Irrevocable Letter of Credit, Bond or Certified Check.
- b-1. Topsoil (3 inches), seed, fertilizer: \$0.40/sq. ft.
- b-2. Seed, mulch, fertilizer: \$.15/sq. ft.
- b-3. Silt fence (installed): \$4.00/lin. ft.
- b-4. Sodding \$6.50/sq. yd.
- b-5. Synthetic netting: \$.55/sq. yd.
- b-6. Rock rip-rap (6-12" stone): \$27.00/cu. yd.
- b-7. Excavating and grading equipment: \$90.00/hour (estimate machine time).
- b-8. Sediment removal by dredging: \$25.00cu. yd.
- b-9. Demolition sites (500 sq. ft. minimum): \$2,000 minimum.
- b-10. Street sweeping: \$70/hour.
- b-11. Catch basins cleaning: \$200/basin.
- b-12. Inlet baskets: \$150/inlet.
- b-13. Inlet screens: \$75/inlet screen.
- b-14. Gutter detention: \$75/unit.

Note: s. 290-9-4-c is repealed and recreated:

CURRENT TEXT

- c. Permit Conditions. All permits shall require the permittee to:
- c-1. Notify the department within 48 hours of commencing any land disturbing activity.
 - c-2. Notify the department of completion of any control measures within 14 days after their installation.
 - c-3. Obtain permission in writing from the department of city development prior to modifying the control plan.
 - c-4. Install all control measures as identified in the approved control plan.
 - c-5. Maintain all road drainage systems, stormwater drainage systems, control measures and other facilities identified in the control plan.
 - c-6. Repair any situation or erosion damage to adjoining surfaces and drainageways resulting from land developing or disturbing activities.
 - c-7. Inspect the construction control measures after each rain of 0.5 inches or more and at least once each week and make needed repairs.
 - c-8. Allow the department of neighborhood services to enter the site for the purpose of inspecting compliance with the control plan or for performing any work necessary to bring the site into compliance with the control plan.
 - c-9. Keep a copy of the control plan on the site.

REPLACED BY

- c. Permit Conditions: All permits shall require the permittee to:
- c-1. Notify the department 3 business days prior to commencing any land developing or disturbing activity.
 - c-2. Notify the department of the schedule of installation and completion of the control measures.
 - c-3. Obtain permission in writing from the department of city development prior to modifying the control plan.
 - c-4. Install all control measures as identified in the approved control plan prior to commencing any land developing or land disturbing activity.
 - c-5. Maintain all road drainage systems, stormwater drainage systems, control measures and other facilities identified in the control plan.
 - c-6. Repair any situation or erosion damage to adjoining surfaces and drainageways resulting from land developing or disturbing activities.

d. Recovery of Costs. Any other necessary erosion control measure not specified under sub. 1 shall be determined by the commissioner of neighborhood services or the commissioner of public works. If the actual cost of implementing an erosion control plan exceeds the amount deposited in the irrevocable letter of credit, the department shall recover the additional cost from the prime contractor by initiating within 30 days of completion of the erosion control measure a court action to recover from such person an amount sufficient to compensate the city for the expense and labor in making such repairs or providing such utilities or fuel services as well as associated administrative costs.

Administrative costs shall be deemed to be no less than \$50 per hour per inspector field hour incurred pursuant to actions under this section.

290-11. Control Plan for Certain Right-of-Way and Public Utility Easements Projects. Land disturbance or land development activity involving streets, alleys, highways, bridges, or an underground pipe, cable or facility may not commence construction without an approved erosion control plan and a permit issued by the department of public works. The permit shall be subject to ch. 115.

1. EROSION CONTROL PLAN. The erosion control plan shall be detailed enough to describe those activities necessary to comply with the requirements of this chapter and must include a statement describing the erosion control measures to be undertaken, whether or not there will be materials stockpiled and, if so, where, a construction schedule, and a simple site map of the construction.

Note: s. 290-11-1-a of the code is repealed and recreated:

CURRENT TEXT

a. Public works contracts. The erosion control plan required by this chapter for contracts awarded by the department of public works, with the exception of material stockpiles, shall be developed by the city during the design phase. The plan shall be made a part of the contract specifications and documents. The portion of the plan for material stockpiles shall be developed by the contractor and processed in the manner of par. b.

REPLACED TEXT

a. Public works contracts. The erosion control plan required by this chapter for contracts awarded by the department of public works, with the exception of non-erodable stockpiles, shall be developed by the contractor. The control plan shall be submitted to the city engineer and approved prior to start of construction.

b. Other work. For construction work by private contractors within the public right-of-way or public utility easement, the erosion control plan shall be submitted to the department of public works as part of the permit process. Within 10 working days after receipt, the department shall have reviewed the plan to determine if the requirements of this chapter have been met. The department shall either approve the plan and issue the permit, if all requirements are met, or notify the applicant with the reasons for the disapproval of the erosion control plan and what must be done to correct it. Within 7 working days after resubmittal, the department shall either approve the plan or again notify the applicant, repeating the approval process.

Note: s. 290-11-2 is repealed and recreated:

CURRENT TEXT

2. PERMIT DURATION. The permit shall be valid for a period of 90 days for excavation work or 180 days for occupancy of the right-of-way.

REPLACED TEXT

2. PERMIT DURATION. The permit shall be valid for a period of 90 days for excavation work or 180 days, or as determined by the public works contract for occupancy of the right-of-way.

Note: s. 290-11-3 is repealed and recreated:

CURRENT TEXT

3. IRREVOCABLE LETTER OF CREDIT, BOND OR CERTIFIED CHECK. As a condition of approval and issuance of the permit, the department of public works shall require the prime contractor or owner to deposit an irrevocable letter of credit, bond or certified check to guarantee a good faith effort of the approved control plan and any permits. The irrevocable letter of credit, bond or certified check shall be conditioned that the applicant will perform and sufficiently complete all work engaged in as a result of being granted a permit and guarantee that the applicant will perform in accordance with this chapter. The form of the irrevocable letter of credit shall be prepared by the department of public works and approved as to form and execution by the office of the city attorney. The amounts of letters of credit, bond or certified check required shall be based on the schedule provided for under s. 290-9-4-b.

REPLACED TEXT

1. IRREVOCABLE LETTER OF CREDIT, BOND OR CERTIFIED CHECK. As a condition of approval and issuance of the permit, the department of public works shall require the prime contractor or owner to deposit an irrevocable letter of credit, bond or certified check to guarantee a good faith effort of the approved control plan and any permits. The irrevocable letter of credit, bond or certified check shall be conditioned that the applicant will perform and sufficiently complete all work engaged in as a result of being granted a permit and guarantee that the applicant will perform in accordance with this chapter. The form of the irrevocable letter of credit shall be prepared by the department of public works and approved as to form and execution by the office of the city attorney. The certified check required shall be based on the schedule provided for under s. 290-9-4-b.

Note: s. 290-11-4 is new text:

2. AMENDMENTS. All amendments to the control plan shall be approved by the appropriate city department prior to installation.

Note: s. 290-13 of the code is repealed and recreated:

CURRENT TEXT

290-13. Inspection. 1. The department shall inspect site development, building construction sites and building services not let to public works contract, to ensure compliance with the control plan. If land disturbing or land development activities are being carried out without a permit, the department shall enter the land pursuant to ss. 66.0119, Wis. Stats.

2. The department of public works shall inspect construction work for which it has issued permits to ensure compliance with the erosion control plan.

REPLACED TEXT

290-13. Inspection.

1. The department shall inspect site development, building construction sites and building services not let to public works contract, at least once each month while the permit is active to ensure compliance with the control plan. If land disturbing or land development activities are being carried out without a permit, the department shall enter the land pursuant to s. 66.0119, Wis. Stats.

2. The department of public works shall inspect construction work for which it has issued permits to ensure compliance with the erosion control plan at least once each month while the permit is active.

290-14. Public Service Corporations and Cooperative Associations. The requirements of ss. 290-9-4-b and 290-11-3 shall not apply to public service corporations, Milwaukee county, the Milwaukee metropolitan sewerage district or to cooperative associations organized under ch. 185, Wis. Stats., to render or furnish telecommunications service, gas, light, heat or power, but such corporations shall secure a permit from the proper officials for erosion control on a highway or private property and shall be liable for all injuries to person or property thereby.

290-15. Enforcement. 1. BUILDING, SITE DEVELOPMENT AND SERVICES NOT LET TO PUBLIC WORKS CONTRACT. a. The department may issue an order to correct violations or a stop-work order or both if any land disturbing or land developing activity regulated under this chapter is being undertaken without a permit or in violation of the conditions of the permit.
b. If the prime contractor or owner does not cease the activity or comply with the permit conditions within 24 hours or as specified by the department, the department may revoke the permit.

- c. If the prime contractor or owner does not cease the activity within 24 hours or as specified by the department, the department may request the city attorney to obtain a cease and desist order.
 - d. The department may retract the stop-work order or the revocation.
 - e. After the time for compliance on the stop-work order or order to correct violations notice has passed, the department may issue a notice of intent to the prime contractor or owner of the department's intent to perform work necessary to comply with this chapter. The department may go on the land and commence the work after 3 days from mailing or serving the notice of intent.
 - f. The department may issue a citation with or without prior order for any violation of this chapter as provided in s. 200-19-2.
 - g. Any person violating this chapter shall be subject to penalty pursuant to s. 200-19-2.
- 2. RIGHT-OF-WAY AND PUBLIC UTILITY EASEMENTS; PUBLIC WORKS CONTRACT.** a. The department of public works may order construction halted if:
- a-1. The activity regulated under this chapter is undertaken without a permit.
 - a-2. The control plan is not being implemented in good faith.
 - a-3. The conditions of the permit are not being met.
- b. After the department of public works notifies the offender of noncompliance, it may take whatever steps are necessary to enforce the plan, including, but not limited to, having the permittee make corrections, using its own forces, or engaging other contractors. The cost of such work shall be charged to the permittee and collectable as provided in chs. 79, 115 and 116 or the contract specifications.
- 3. RECOVERY OF COSTS.** If the actual costs of implementing an erosion control plan exceeds the amount deposited in the irrevocable letter of credit, the department shall recover the additional cost from the prime contractor or owner by initiating within 30 days a court action to recover from such person an amount sufficient to compensate the city for the expense and labor in making such repairs or providing such utilities or fuel services as well as associated administrative costs. Administrative costs shall be deemed to be no less than \$50 per hour per inspector field hour incurred pursuant to actions under this section.

290-17. Appeals. Appeals not covered by s. 200-17 may be submitted to the administrative review appeals board as provided in s. 320-11.

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