

Soil Erosion and Sediment Control Plan Review
North Cook County Soil and Water Conservation District
(847)-468-0071

FOR OFFICE USE ONLY	SWCD Application No.:
Meets technical standards _____ Does not meet technical standards _____	
Date Application received: _____ Date all Information received: _____ Reviewed by: _____	
Fee Paid: _____ Check No.: _____	

	APPLICANT (Owner/Developer)	Erosion Control Consultant/Engineer
Name		
Address		
City/State/Zip		
Phone		
Relationship to project		

Job site contact person: _____

Contact person phone number:(_____) - _____ - _____ **Fax number:**(_____) - _____ - _____

Village/Municipal contact person: _____ **Phone #**(_____) - _____ - _____

Township, range, & section: _____

Proposed land use: _____ **Acreage of disturbance:** _____

Army Corps application number: _____

Pre-construction meeting date (if known): _____ **Construction start date:** _____

Total number of phases _____ **Phase number** _____

The applicant agrees to the following conditions:

1. Submit all required information listed on the following page for each phase of development, regarding the soil erosion and sediment control (SE/SC) plan.
2. Upon submittal of this application, pay the applicable fee, based on the attached fee schedule, in accordance with total acres of disturbance to the original topography and/or vegetation.
3. Notify representatives from the North Cook County Soil and Water Conservation District (SWCD), Natural Resources Conservation Service, (NRCS) or the Army Corps of Engineers District of the pre-construction meeting to review implementation of the SE/SC plan.
4. Allow a North Cook County SWCD, NRCS or Army Corps of Engineers District representative the right to conduct on-site investigations throughout all active construction phases to determine whether all necessary SE/SC practices have been installed and are functioning properly.
5. Upon commencement of earthwork or construction, document SE/SC site inspections with all information being accurate and complete.
6. Comply with the North Cook County SWCD's written and verbal recommendations regarding::
 - A. The SE/SC plan and corrections or changes made thereto.
 - B. Installation and maintenance requirements of the SE/SC practices on-site.
7. If any changes occur to the plans, schedules, etc., the applicant shall be responsible for notifying the North Cook County Soil and Water Conservation District.

Upon receipt of all required information, the SE/SC plan will be reviewed within 15 working days and all involved parties will be notified whether or not the plan meets technical standards.

Applicant's Signature: _____ **Date:** _____

FEE SCHEDULE

Fee is based on number of acres disturbed

Base Fee: \$75 (One acre or less)

*Round acres to nearest whole number

160+ acres = 3\$ for each additional acre

Erosion and Sediment Control Program Fee Schedule															
Acres	Fee	Acres	Fee	Acres	Fee	Acres	Fee	Acres	Fee	Acres	Fee	Acres	Fee	Acres	Fee
1	75	21	820	41	1785	61	2085	81	2380	101	2580	121	2775	141	2875
2	90	22	870	42	1800	62	2100	82	2390	102	2590	122	2780	142	2880
3	105	23	920	43	1815	63	2115	83	2400	103	2600	123	2785	143	2885
4	120	24	970	44	1830	64	2130	84	2410	104	2610	124	2790	144	2890
5	135	25	1020	45	1845	65	2145	85	2420	105	2620	125	2795	145	2895
6	160	26	1070	46	1860	66	2160	86	2430	106	2630	126	2800	146	2900
7	185	27	1120	47	1875	67	2175	87	2440	107	2640	127	2805	147	2905
8	210	28	1170	48	1890	68	2190	88	2450	108	2650	128	2810	148	2910
9	240	29	1220	49	1905	69	2205	89	2460	109	2660	129	2815	149	2915
10	270	30	1270	50	1920	70	2220	90	2470	110	2670	130	2820	150	2920
11	320	31	1320	51	1935	71	2235	91	2480	111	2680	131	2825	151	2925
12	370	32	1370	52	1950	72	2250	92	2490	112	2690	132	2830	152	2930
13	420	33	1420	53	1965	73	2265	93	2500	113	2700	133	2835	153	2935
14	470	34	1470	54	1980	74	2280	94	2510	114	2710	134	2840	154	2940
15	520	35	1520	55	1995	75	2295	95	2520	115	2720	135	2845	155	2945
16	570	36	1570	56	2010	76	2310	96	2530	116	2730	136	2850	156	2950
17	620	37	1620	57	2025	77	2325	97	2540	117	2740	137	2855	157	2955
18	670	38	1670	58	2040	78	2340	98	2550	118	2750	138	2860	158	2960
19	720	39	1720	59	2055	79	2355	99	2560	119	2760	139	2865	159	2965
20	770	40	1770	60	2070	80	2370	100	2570	120	2770	140	2870	160	2970

SEND REQUIRED INFORMATION WITH FEE PAYABLE TO:

North Cook County Soil and Water Conservation District
P.O. Box 407
Streamwood, IL 60107

Hours: M-F 8:00 a.m. - 4:30 p.m.
Phone: 847/468/0071
Fax: 847/608/8302
Website: www.mchenryswcd.org

This review will be issued on a non-discriminatory basis without regard to race, color, religion, national origin, age, gender, handicap or marital status. The North Cook County Soil and Water Conservation District is a nonprofit organization.

Site Plan Checklist

The soil erosion and sediment control plan cannot be reviewed until all of the following information is submitted for each upcoming active construction phase:

1. Existing site conditions and natural resources present, including:

- _____ Site boundaries and adjacent lands which accurately identify site location.
- _____ Buildings, roads and utilities.
- _____ Topography, vegetation, drainage patterns, subwatershed delineation, critical erosion areas, and any subsurface drainage tiles.
- _____ Wetland and floodplain delineation.
- _____ Location and identification of soil types.
- _____ Adjacent areas that affect or are affecting the project site, e.g. drainage onto or through the site affecting wetlands, streams, lakes, and drainage areas downstream.
- _____ Vicinity map.
- _____ Show areas where trees and vegetation are to be preserved.
- _____ Map legend, including north arrow and scale on all materials submitted.

2. Final site conditions, including:

- _____ An accurate depiction of post-construction appearance, e.g. roads, buildings, open space.
- _____ Locations, dimensions, cross sections and elevations of all (temporary and permanent) stormwater management facilities (including sediment basins), plus inlet and outlet locations.
- _____ Surface flow direction, including sheet flow and concentrated flow direction.
- _____ Post-construction topography, final contours should be easily distinguished (2 foot contour is preferred) including subwatershed delineations.

3. A complete soil erosion and sediment control plan, including:

- _____ Location and detailed drawings of all permanent and temporary soil erosion and sediment control practices.
- _____ A schedule outlining the installation of the practices with the responsible parties identified.
- _____ Inspection, and maintenance schedules with responsible parties identified.
- _____ Seeding information: rates, species, dates, fertilization, temporary or permanent.
- _____ Location and dimension of all temporary soil and aggregate stockpiles.
- _____ Stabilized construction entrance.

4. Locations, dimension & phase timeline of all land disturbing activities, including:

- _____ Designate construction limits, areas that will be disturbed and areas of wetland fill.
- _____ Describe grading and building schedule and phasing timeline.

Narrative Checklist

The soil erosion and sediment control plan cannot be reviewed until all of the following information is submitted for each upcoming active construction phase:

_____ **Project description** - Briefly describes the nature and purpose of the land disturbing activity, and the area (acres) to be disturbed.

_____ **Existing site conditions**- A description of the existing topography , vegetation, drainageways, subsurface drain tile, buildings, roads and utilities.

_____ **Adjacent areas**- A description of neighboring areas such as streams, lakes, residential areas, roads, etc. which might be affected by the land disturbance. Describe any adjacent or neighboring activities that may affect the soil erosion and sediment control plan.

_____ **Off-site areas**- Will any other areas be disturbed? Describe any off-site land disturbing activities.

_____ **Soils**- Provide a brief description of the soils on the site at the exposed soil horizon such as soil name, mapping unit, erodibility, permeability, texture, structure and depth to seasonal high groundwater. (this information is available from the local Soil and Water Conservation District).

_____ **Critical areas**- A description of areas on the site which have potentially serious problems, e.g. steep or long slopes, channels, intermittent streams, and side hill seeps.

_____ **Soil erosion and sediment control measures**- A description of the methods which will be used to control erosion and sedimentation on the site. Control methods should meet the standards in section 4 of the Illinois Urban Manual.

_____ **Permanent stabilization**- A brief description including specifications of how the site will be stabilized after construction is completed.

_____ **Stormwater runoff calculations**- Will the development site cause an increase in peak runoff rates? Will the increase in runoff cause soil erosion or channel degradation downstream? Describe the strategy to control stormwater runoff.

_____ **Calculations**- Detailed calculations for the design of temporary sediment basins, permanent stormwater detention basins, diversions, channels, etc.. Include pre and post development runoff.

_____ **Detail drawings**- Include detail drawings form the Illinois Urban Manual. Any structural practices used that are not referenced to the Illinois Urban Manual or local handbooks should be explained and illustrated with detail drawings.

_____ **Maintenance** - Provide a schedule of maintenance for all temporary and permanent erosion and sediment control practices to ensure that they perform properly. Identify the parties responsible for maintenance.