

GENERAL NOTES FOR EROSION CONTROL

SITE DATA

Owner/Developer: Name, address and phone number
Project Manager Name

Plan Designer: Name, address and phone number
Project Manager Name

Development Type: Single family
Multi family
Commercial/Industrial

Site Acreage: Total number of acres

Disturbed Acreage: Number of acres disturbed

Site Vegetation: Existing ground cover of site

Adjacent Areas: How is the site bounded and by what

Receiving Waters: Where does the site drain?

Storm Water Management: What means is being used to control storm water runoff?

Storm Water Quality: What mean are being used to improve water quality?

A copy of the SWP3, the NPDES permit & the Ohio EPA NOI must be kept on site and clearly displayed at all times.

SEQUENCE OF CONSTRUCTION:

Listing of steps in which the erosion protection is to be placed, the site constructed and the erosion protection removed.

MAINTENANCE NOTES

The owner's representative will inspect all erosion and sedimentation control measures weekly and within 24 hours after each rainfall event to assure that the measures are functioning properly. The Owner/Contractor shall keep inspection reports, copies of which shall be provided to the City of Hilliard or Ohio EPA upon request.

The Owner/Developer must maintain a document signed by all contractors and subcontractors involved in the SWP3 implementation. The document must certify that the contractor(s) has read and understands the SWP3. The Owner/Developer is to provide the City of Hilliard with a copy of this document.

Construction Road/Construction Entrance:

Both temporary and permanent roads and parking areas may require periodic top dressing with new gravel. Seeded areas adjacent to the roads and parking areas should be checked periodically to ensure that a vigorous stand of vegetation is maintained. Roadside ditches and other drainage structures should be checked regularly to ensure that they do not become clogged with silt or other debris.

Filter Fabric Fence:

Revised: 06/19/2007

S:\Public Service - Engineering\Hilliard Standards\Documents\Plan Notes\GENERAL NOTES FOR EROSION CONTROL.doc

Filter fabric fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.

Sediment that is collected will be distributed on the protected portion of the site and stabilized. All stockpiles of earth and topsoil will be protected with temporary seeding or other means to prevent erosion.

Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected usable life and the barrier is still necessary, the fabric shall be replaced promptly.

Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half (1/2) the height of the barrier.

Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared and seeded.

Inlet Protection:

All storm sewer inlets shall be protected by sediment traps (inlet protection), which will be maintained and modified as required as construction progresses.

The structure shall be inspected after each rainfall and repairs made as needed.

Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to one-half (1/2) the design of the trap. Removed sediment shall be deposited in a suitable area in such a manner that it will not erode.

Any sediment blocking drainage at inlets that creates standing water on roadways and/or driveways shall be removed immediately.

Inlet protection structures shall be removed and the area stabilized when the remaining drainage area has been properly stabilized.

GENERAL LAND CONSERVATION NOTES

All structural erosion and sediment control practices shall be placed prior to or as the first step in grading for all sites.

Permanent or temporary soil stabilization shall be applied according to the following Ohio EPA criteria:

- Permanent stabilization
 - o Areas that will be dormant for more than a year. Within 7 days of the most recent disturbance.

- Areas within 50 ft of a stream and at final grade. Within 2 days of reaching final grade.
- Any other areas at final grade. Within 2 days of reaching final grade.
- Temporary stabilization
 - Areas within 50 ft of a stream and not at final grade. Within 2 days of the most recent disturbance if the area will remain idle for more than 21 days.
 - Any disturbed areas that will be dormant for more than 21 days but less than 1 year, and not within 50 ft of a stream. Within 7 days of the most recent disturbance within the area.
 - Disturbed areas that will be idle over winter shall be stabilized prior to the onset of winter weather.

Permanent seeding shall be applied at the rate of 8 pounds (lb.) per 1,000 square feet (SF) and consist of the following seed mixture:

40% Titian Tall Fescue
 40% Tarheel Tall Fescue
 10% Denim Kentucky Bluegrass
 10% Renaissance Perennial Rye Grass

Fertilizer for permanent seeding shall be a commercial-grade complete fertilizer of neutral character, consisting of fast, and slow release nitrogen, 50% derived from natural organic sources of urea-form, phosphorous, and potassium and shall meet the following composition:

13% nitrogen, 26% phosphorous, and 12% potassium by weight

Fertilizer shall be applied at the rate of 6 pounds (lb.) per 1,000 square feet (SF).

All storm sewer, sanitary sewer, water main and service trenches shall be seeded and mulched within 14 days after backfill if installation is through stabilized areas. No more than 250 feet of trench will be open at any one time.

Electrical power, telephone, cable television and gas supply trenches shall be compacted, seeded and mulched within 14 days after backfill if installation is through stabilized areas.

All temporary diversions, sediment basin embankments and earth stockpiles shall be seeded and mulched for temporary vegetative cover within 7 days after grading.

Any disturbed area not stabilized with seeding, sodding, paving or built upon by November 1st, or areas disturbed after that date, shall be mulched immediately with hydro mulch at the rate of one (1) ton per acre and over-seeded by April 15th.

At the completion of construction, all denuded areas shall be stabilized and temporary sedimentation & erosion controls shall be removed once the site has been stabilized.