

Background

The Lorain County Erosion & Sediment Control (ESC) Rules are adopted from the Ohio EPA Phase II Storm Water Program through the National Pollution Discharge Elimination System (NPDES). The NPDES program was established under the Clean Water Act and was adopted by the county in 2009. The rules are in place to protect:

- Landowners from property loss due to sedimentation, erosion, & flooding
- County & Township ditches, culverts, & storm sewers from loss of capacity due to siltation
- Water & habitat quality in streams & wetlands

The ESC Rules address construction activity through **Abbreviated ESC Plans** as described under Section 4.11 of the ESC Rules. This brochure outlines the minimum control measures required during residential development under an Abbreviated ESC Plan

Lorain County Conservation District administers the rules for the county in coordination with the office of the Lorain County Engineer.

For more information, visit:

www.lorainswcd.com/esc

For permit inquiries, contact Lorain County Conservation District at (440) 326-5800 or email conservation@loraincounty.us

STABILIZATION: Temporary & Permanent

Rainwater Manual: Sections 7.8 - 7.10

ESC Rules: Sections 4.11 (c.4)

- Stabilizes soil, provides 90% efficiency at erosion control – most important measure
- **Temporary:** Seed & straw mulching on soils that remain idle over 14 days up to 1 year or over winter. Installed by builder **prior** to lot transfer or by homeowner
- **Permanent:** Seed & straw mulching applied to bare soil by homeowner. Required within 7 days of final grading
- Check the ODNR Rainwater Manual for seeding & mulching rates



Example of permanent stabilization:
seed covered by straw mulching



Lorain County Conservation District
42110 Russia Rd.
Elyria, OH 44035
440-326-5800
conservation@loraincounty.us

Revised 7/2024



75th Anniversary 1948 - 2023

LORAIN COUNTY

CONSERVATION DISTRICT

42110 Russia Rd.

Elyria, OH 44035

440-326-5800

conservation@loraincounty.us

A residential guide to:

Erosion & Sediment Control Best Management Practices (BMPs)



*Based on the Lorain County
Erosion & Sediment Control Rules*

All controls follow the specifications of the most recent version of the ODNR Rainwater & Land Development Manual

