

WHAT IS STORMWATER?

Stormwater is generated from rain and snowmelt events that flow over land or impervious surfaces, such as paved streets, parking lots, and buildings, and does not soak into the ground. This runoff picks up pollutants like trash, chemicals, oils, and dirt that can harm our rivers, streams, lakes, and coastal waters along the way.



HOW DOES THIS RELATE TO CONSTRUCTION?

The Clean Water Act requires that construction sites prevent pollution from leaving their site through stormwater runoff. Protecting our waterways and water resources improves our quality of life and preserves the local environment for wildlife and future generations.



LOCAL RESOURCES AND CONTACT INFORMATION:

Ohio EPA: epa.ohio.gov/home
Division of Surface Water: 614-644-2001

Rainwater and Land Development Manual: epa.ohio.gov/divisions-and-offices/surface-water/guides-manuals/rainwater-and-land-development

Ohio EPA Electronic Business Services Information Page:

epa.ohio.gov/divisions-and-offices/surface-water/permitting/electronic-business-services
e-Biz Portal:
ohid.ohio.gov/wps/portal/gov/ohid

US EPA Construction Inspection Training Course:
epa.gov/npdes/construction-inspection-training-course

LUCAS COUNTY ENGINEER'S OFFICE

**1049 S McCord Road
Holland, OH 43528
419-213-2860**

lucascountyengineer.org/stormwater

SWP3 Requirements:
lucascountyengineer.org/stormwater-pollution-prevention-plan

Lucas County Floodplain Management:
lucascountyengineer.org/floodplain

COMPLIANCE FOR CONSTRUCTION SITES

HOW TO STAY COMPLIANT & PREVENT STORMWATER POLLUTION ON YOUR SITE

CONSTRUCTION



STORMWATER PROGRAM



LUCAS COUNTY ENGINEER
Mike Pniewski, P.E., P.S.

WHAT IS A STORMWATER POLLUTION PREVENTION PLAN (SWP3)?

A Stormwater Pollution Prevention Plan (SWP3) is a document required by the Ohio EPA Construction General Permit for all construction sites disturbing one (1) acre or more of land. Activities that can cause disturbance include:

- **CLEARING & GRUBBING**
- **SITE PREPERATION**
- **STOCKPILING**



WHY IS THIS IMPORTANT?

It is Lucas County Engineer Office's job to enforce Ohio EPA's Stormwater Construction Standards locally. However, contractors and the County should work together to minimize damage to property and stormwater pollution.



WHAT IS A BEST MANAGEMENT PRACTICE:

A Best Management Practice (BMP) is any tool or measure that is used to protect water quality and reduce the potential for pollution associated with stormwater runoff.

TYPES OF BEST MANAGEMENT PRACTICES:

- **PROPER TIMING / PHASING**
- **SEDIMENT PONDS:**
 - Detention
 - Retention
- **SILT FENCE / FILTER SOCK**
- **INLET PROTECTION**
- **TRACKING & DUST CONTROL:**
 - Construction entrances
 - Street Sweeping
- **GOOD HOUSEKEEPING:**
 - Concrete washout
 - Fuel Storage
 - Waste Disposal
- **SITE STABLIZATION**
 - All bare soil covered preventing erosion

PLANNING CHECKLIST FOR COMPLIANCE:

- A Notice of Intent (NOI) filed from OEPA
- SWP3 Plan Approval from LCEO
- Schedule Pre-construction meeting with Stormwater Department at least 5 days before work begins
- Educate & train your employees, contractors and sub-contractors about SWP3 requirements
- Keep all required EPA, SWP3 documents & inspection logs onsite during the entire construction period
- Internal BMP weekly inspections
 - inspections also completed after 1/2" or more of rain within 24 hours



AFTER CONSTRUCTION IS COMPLETE:

- Final Stabilization - LCEO written memo
 - 70% of all disturbed soil must be covered. Examples: mulch, sod, hydroseed, riprap, erosion control blanket, straw
- Notice of Termination (NOT) can be filed

