

How Industrial Regulations Impact Stormwater

Industrial Stormwater Permit and Stormwater Pollution Prevention Plans (SWPPPs) [327 IAC 15-6]

SWPPPs describe procedures for handling and storing chemicals and other materials outdoors where pollutants contact rain and snow. This direct contact picks up residue, solids and other pollutants that are discharged to stormwater.

Spill Prevention, Control and Countermeasure (SPCC) Plans [40 CFR 112]

SPCC plans describe procedures to contain, store, handle, and transfer oil products and fuels when stored on-site in certain quantities.

Industrial Wastewater and Pretreatment [40 CFR 400-471, 327 IAC 5]

When water contacts a production process and picks up pollutants, it must be treated before it enters the sanitary sewer and the publicly owned treatment works (POTW). Certain pollutants - if not pretreated - can pass through the POTW, disrupt the treatment process and pollute waterways.

Spills, Reporting, Containment and Response [327 IAC 2-6.1]

All facilities are required to report spills of extremely hazardous substances, hazardous substances and oils when above specified thresholds or if there is a sheen on the water.

Hazardous Waste Contingency Plan

Much like SWPPPs and SPCC plans, these are developed specifically for the handling, storage and cleanup of hazardous waste generated at industrial facilities so waste does not enter stormwater and waterways.

Air Pollution [326 IAC 1 through 26]

Air operating permits are required for industrial processes that produce pollutants in the air. If processes are not properly maintained with control equipment (filters, dust collectors, etc.), pollutants are released and can be captured by rain and contaminate stormwater.

Illicit Discharges – City/Town Ordinance

An illicit discharge is considered any discharge to a stormwater conveyance that is not composed entirely of stormwater including excess pesticides and fertilizers, dirt, wastewater and residual chemicals or spills that can be carried away by stormwater.

Secondary Containment of Aboveground Storage Tanks Containing Hazardous Materials [327 IAC 2-10]

Most requirements are incorporated into an SWPPP or SPCC plan. This rule also includes size requirements for secondary containment for chemicals stored indoors and outdoors and for transfer areas.

Each regulation has an impact on stormwater if not implemented correctly.

What to do:

- keep up on exterior housekeeping
- complete plan inspections
- promptly clean up spills
- contact municipal officials if pollutants reach stormwater MS4
- train staff on pollution prevention practices.

What is Stormwater?

Stormwater runoff occurs when precipitation flows over the ground to a drainage ditch, inlet, pond, stream, or river. Impervious surfaces such as driveways, parking lots, and buildings prevent stormwater from naturally soaking into the ground.

Substances, such as debris and chemicals are mix with stormwater at the surface and are transported into streams, rivers, and other water bodies, causing pollution.

The following are examples of potential sources of stormwater pollution at your industrial facility:

- Lawn treatment chemicals can add fertilizers and herbicides to stormwater.
- Oil spills and leaks on pavement from vehicles and equipment can be washed into stormwater.
- Spilled salt and deicing chemicals travel in roadside ditches and then to streams and rivers.
- Chemicals stored outdoors and exposed to stormwater have the potential to pollute it.
- Intermediate parts and packaging with residual oils or chemicals can flow to stormwater.

Once pollution leaves an industrial site, it enter the city's storm system and then reaches water bodies, where it can poison fish, damage ecosystems, and even end up in water used for drinking or recreation.

For More Information or to Report a Concern:

Contact the
City of Hobart
Sanitary & Stormwater District

414 Main Street
Hobart, IN 46342
Phone: 219-942-3619
Email: hsdinfo@cityofhobart.org

<https://www.cityofhobart.org/131/Sanitary-Stormwater-District>

Other Resources:

Hobart Code of Ordinances, Chapter 152
Stormwater Management

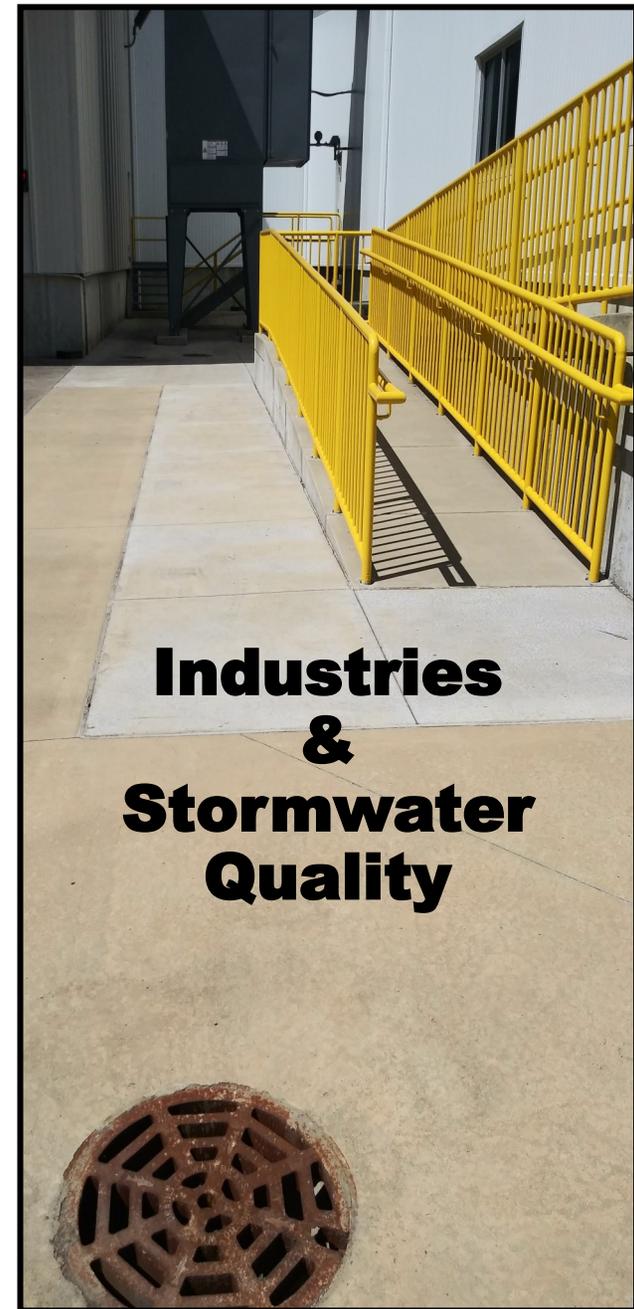
<https://www.cityofhobart.org/DocumentCenter/View/37/Title-XV-Chapter-152-June-2017?bidId=>

IDEM Industrial Stormwater Permitting
www.in.gov/idem/stormwater/industrial-storm-water-permitting/

IDEM Emergency Response
www.in.gov/idem/cleanups/investigation-and-cleanup-programs/emergency-response/

IDEM Hazardous Waste
www.in.gov/idem/waste/hazardous-waste/

USEPA SPCC
www.epa.gov/oil-spills-prevention-and-preparedness-regulations



Industries & Stormwater Quality

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 THE CITY OF
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