

Hamilton County Stormwater Regulations Workshop

Session 3– Illicit Discharges and Connections

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STRUCTURE OF PRESENTATION

- Applicability and Exemptions
- Reason for Regulation
- Illicit Discharges and Connections related to
New Development and Re-development



APPLICABILITY AND EXEMPTIONS

- Applies to all discharges, including illegal dumping, entering the storm drain system, regardless of the date or origination of the connection or the origin of the spill/dumping.
- Not tied to new development or re-development
- Specifically targeting illegal dumping, bad septic connections, and non-compliant industrial discharges.



APPLICABILITY AND EXEMPTIONS (cont.)

- Only stormwater and exempted discharges are allowed into the storm drain system
- Exempted discharges include:
 - Water line flushing;
 - Landscape irrigation;
 - Diverted streamflows;
 - Rising ground waters;
 - Uncontaminated groundwater infiltration;
 - Uncontaminated pumped ground water;
 - Discharges from potable water sources;
 - Foundation drains;
 - Air conditioning condensation;
 - Irrigation water;
 - Springs;
 - Water from crawl space pumps;
 - Footing drains;
 - Lawn watering;
 - Flows from riparian habitats and wetlands;
 - Dechlorinated swimming pool discharges;
 - Discharges from firefighting activities;
 - Naturally introduced detritus (e.g. leaves and twigs).



APPLICABILITY AND EXEMPTIONS (cont.)

- Discharges from some land uses are also exempt due to regulation by other programs
- Exempt activities include:
 - Agricultural Runoff
 - Timber Harvesting Runoff
 - Mining Runoff
 - Discharges that require their own NPDES permit



REASON FOR REGULATION

- Required by Rule 13
- Accidental or intentional release of hazardous chemicals are an acute hazard to the health of humans and wildlife
- Continuous release of pollutants through illicit connections is a chronic hazard to the health of humans and wildlife



ILLICIT DISCHARGES RELATED TO CONSTRUCTION SITES

- Construction sites can be a source of Illicit Discharges via:
 - Chemical Spills
 - Mishandling of Chemicals
 - Poor Erosion Control
 - Installation of improper connections to the Storm Drain System
 - Concrete Truck Washout in a non-designated area



CONSTRUCTION SITES

- During plan review look for:
 - Acceptable plan for hazardous material handling, storage, and spill preparedness
 - Designation of storage or stockpile areas outside of all waterways, floodways, and floodplains
 - Improper proposed connections to the storm drain system



CONSTRUCTION SITES (cont.)

- After Plan Review
 - Inspect sites during construction for compliance with the SWPPP (i.e. proper storage of hazardous materials, proper erosion control, proper installation of storm sewer)
 - Review as-built plan for improper connections to the storm sewer
 - Final on-site inspection following submittal of as-builts



QUESTIONS

