

Illicit Discharge Detection Program

Regulatory Mechanism to Prohibit and Enforce Illicit Discharges

As required by Permit Condition Part II C.1., Waukesha County is required to develop a regulatory mechanism to prevent and eliminate illicit discharges to the municipal sewer system. To this end, Waukesha County has adopted an ordinance to prohibit illicit connections and illicit discharges to its storm sewer system. The ordinance is *Waukesha County Ordinance Chapter 14 Storm Water Management and Construction Site Erosion Control*.

In addition, this ordinance will be supported by other municipal ordinances. Waukesha County is partially incorporated and 29 municipalities within the County are required to have an illicit discharge ordinance. When appropriate, Waukesha County may defer to these municipalities for enforcement of their ordinances. Waukesha County may also defer to the Department of Natural Resources for enforcement of the WPDES Permit when applicable.

Waukesha County Ordinance Chapter CHAPTER 15 PUBLIC WORKS ARTICLE II. ROADS AND BRIDGES Division 4. "Access to and Alterations in County Trunk Highways" Sec. 15-56 establishes permit requirements for work done in and occupancy of county arterial highways and includes policies for private and municipal connections into County storm sewers within the public way. Per the requirements of this chapter, Waukesha County requires that "...all culvert pipes for single family home access points be installed by Department of Public Works personnel unless the engineer approves installation by the property owner's contractor after notice to the Department of Public Works by the contractor or property owner. In the event that installation is performed by the permittee or contractor, prior to backfilling, the Department of Public Works must inspect and approve the installation."

Waukesha County Ordinance Chapter 14 currently does not grant inspection authority to the Land Resources Division of the Department of Parks and Land Use to investigate property, structures, and premises to determine the existence of a violation or the presence of any environmental pollution. However, it does state that "The LRD may enter upon the property and take any necessary emergency action if the LRD determines that the site in violation is an immediate threat to public health, safety, welfare, the environment, or downstream property, or if the permit holder or other violator refuses to take the corrective action as ordered by the LRD."

Field Screening at Major Outfalls

Waukesha County will comply with the field screening requirements of Part II C.2. At the present time Waukesha County has 13 known major outfalls and will provide an assessment of these outfalls once per permit term. The most recent inspection was in 2017.

Major outfalls will be visually monitored during a 72-hour dry weather period. These periods most frequently occur during the period June-September each year. If flow is observed, water samples will be collected and screened. If a sheen, color, foam, or odor are observed, the samples will be analyzed using a testing kit, for total chlorine, total phenols, total copper, pH and detergents. Further samples may be collected for laboratory analysis if warranted.

Procedures for responding to known or suspected illicit discharges

Waukesha County Departments are responsible for the sewers within their jurisdiction. Waukesha County Land Resources Division will assist owner departments investigate suspected illicit discharges identified by the above means that occur within the County's storm sewer system. This includes investigations of possible illicit connections, spills or other evidence of non-stormwater discharges.

Owner departments will be required to fix or remove illicit connections and prevent illicit discharges per the requirements of the stormwater permit. Land Resources Division will notify the Department, when appropriate, of illicit discharges, illicit connections or spills within or into the County storm system or waters of the state.

If owner departments cannot meet the permit requirement of eliminating the illicit discharge within three days, an appropriate timeframe will be determined through discussion with the WDNR. Land Resources Division will notify the Waukesha County Board of Supervisors to take action if further delays occur.

Illicit connections may be identified through the following activities:

1. maintenance and upgrades at County facilities;
2. development of SWPPPs at facilities identified in the permit application;
3. field screening of major outfalls;
4. tracking and containing spills;
5. regular maintenance of storm sewers;
6. continued refinement of the County's storm water map
7. education of County employees.
8. Waukesha County Sewer System Evaluation Survey

The Department shall be given advanced notice of dye testing within the storm sewer system.

Waukesha County will notify other municipalities of illicit discharges and spills that originate within the County's permitted area and discharges to a storm sewer system or property under the jurisdiction of those municipalities within one business day.

The Land Resources Division Manager shall be responsible for responding to reports of illicit discharges and spills. The current manager is Perry Lindquist, (262) 548-7867.