



## STAY IN COMPLIANCE WITH THE CITY'S NPDES PROGRAM: SAY NO TO ILLEGAL DUMPING and ILLICIT DISCHARGES

### Illegal Dumping

**Health Risks:** Rodents, insects, and other vermin attracted to dump sites may pose health risks. Dump sites provide an ideal breeding ground for mosquitoes, which can multiply 100 times faster than normal in the warm stagnant water entrapped in the dump material.

**Fire Hazard:** The dump material may be subject to spontaneous combustion or arson, which can be causes of a fire hazard. Due to this there can also be forest fires and severe erosion, because fires bum away trees and undergrowth. This can also have a negative impact on plants and wildlife.

**Flooding:** When the waste dumps block the ravines, creeks, swales, ditches, culverts or drainage inlets, the hydraulic capacity of the stormwater system becomes reduced, and in many cases, can cause flooding conditions.

**Water Quality Impacts:** Runoff from dump sites containing chemicals may contaminate groundwater wells and surface water used as sources of drinking water.

**Decrease of Property Value:** Dump sites serve as magnets for additional dumping and other criminal activities. The community then becomes unattractive to commercial and residential developers.

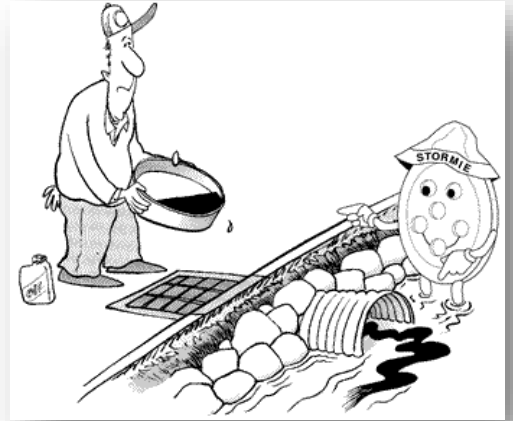
**Rise in the maintenance costs:** There are significant costs to the local government associated with continuous clearing of illegally-dumped waste. These costs may be passed along to the residents in the form of higher service fees or property taxes.

Questions? Contact  
Alan Williamson, at  
386-775-5477



## Illicit Discharges

Non-stormwater discharges to storm sewers that come from a variety of sources that include illicit connections and cross connections from industrial, commercial, and sanitary sewage sources, leaking sanitary sewage systems, malfunctioning septic systems, improper disposal of wastes such as used oil, wastewater and litter, spills, etc.



These discharges are "illicit" because storm sewer systems are not designed to accept, process, or discharge such wastes. Storm drainage systems are supposed to receive only the portion of precipitation, which drain from surfaces exposed to precipitation, and nothing else.

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## Hazards Associated with Illicit Discharges

Pathogenic and toxic pollutant sources from sanitary, commercial industrial and other sources from residential areas could cause disease upon contact or consumption. This could also cause treatment problems to downstream receiving waters when contaminated with heavy metals, illicit discharges from landscaped and organic toxicants.

Illicit discharges from landscaped irrigation runoff, construction site dewatering, automobile washing and laundry wastes could cause excessive algal growth and be a threat to aquatic life.

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## City Services



The City has contracted with GFL Environmental as the garbage contractor. GFL Environmental is a full-service company, serving the public with a variety of environmental services including innovative recycling programs and solid waste management services. For more information, contact GFL Environmental at 386-775-5447.

### Other Resources:

<http://www.volusia.org/services/growth-and-resource-management/environmental-management/pollution-control/>