

# STORMWATER

TIP OF THE WEEK WEEK 46 - NOVEMBER 15, 2022

## ILLICIT DISCHARGE DETECTION & ELIMINATION

Also known as - IDDE; The U.S. EPA defines an illicit discharge as, “any discharge into a MS4 (Municipal Storm Sewer System) that is not composed entirely of stormwater” Some exceptions include water from fire fighting activities and discharges from facilities under an NPDES permit. This means that anything other than the water (rain or snow) that falls from the sky and enters a storm drain system could be an illicit discharge and may cause impairment of our waterways.

*Examples of what Illicit Discharge can look like*



### WHY ARE IDDE EFFORTS NECESSARY?

The City of Nitro, like many other cities, is required under a National Pollutant Discharge Elimination System Permit to find and eliminate these problems to comply with the federal Clean Water Act. But, eliminating illicit discharges is also very necessary to protect our environment, wildlife, aquatic life, waterways, and more!

### WHY IS IT IMPORTANT TO REPORT AND PREVENT AN ILLICIT DISCHARGE?

The result is untreated discharges that contain pollutants, including oil, heavy metals, bacteria, and excess nutrients from fertilizer, which can harm our water quality, wildlife, and human health.

**STORMWATER HOTLINE:** See a stormwater issue? Let us know! You can call City Hall at (304) 755-0705 or email the hotline at [MS4hotline@cityofnitro.org](mailto:MS4hotline@cityofnitro.org); if you live on a state road and have an issue with a state road call their hotline at 1-833-WVROADS (1-833-987-6237)

### What are types of an Illicit Discharge?

- Sanitary wastewater
- Paint/Construction waste
- Petroleum products
- Auto or household toxins
- Pet waste
- Yard waste
- Garbage or rubbish
- Industrial waste
- Effluent from septic tanks
- Radiator flushing
- Laundry wastewater
- Restaurant grease and oil

