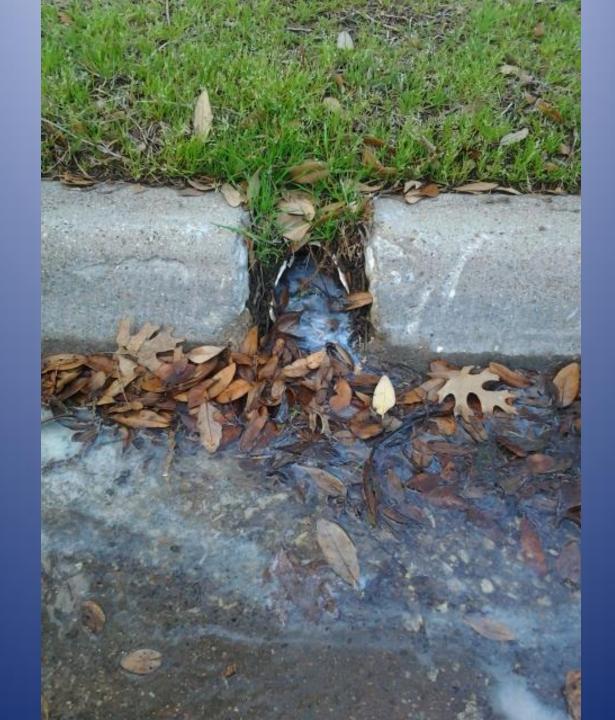
## Illicit Discharge Investigations

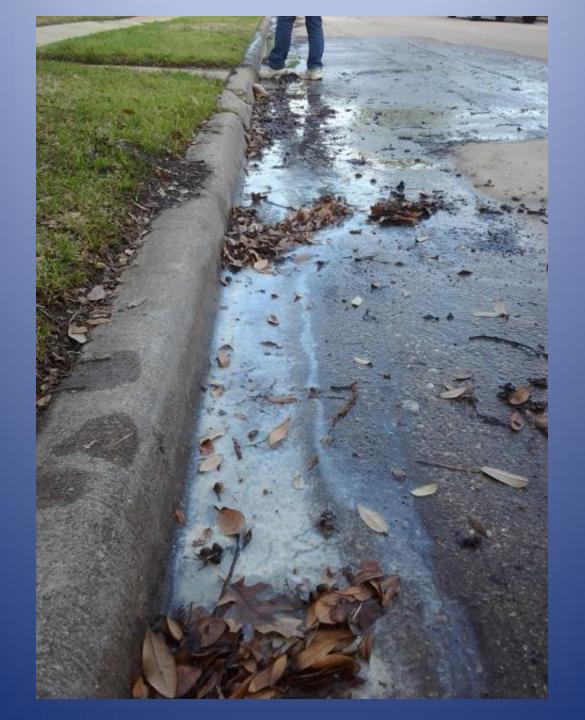














### Lab Data:

- Hardness 1770 mg
- Calcium 530 mg/l
- Magnesium 108 mg/l
- Iron 8.53 mg/l

# Water hardness is classified by the U.S. Department of Interior and the Water Quality Association as follows:

| Classification  | mg/l or ppm | grains/gal  |
|-----------------|-------------|-------------|
| Soft            | 0 - 17.1    | 0 - 1       |
| Slightly hard   | 17.1 - 60   | 1 - 3.5     |
| Moderately hard | 60 - 120    | 3.5 - 7.0   |
| Hard            | 120 - 180   | 7.0 - 10.5  |
| Very Hard       | 180 & over  | 10.5 & over |







#### **Dry Weather Screening:**

- pH 6.84-7.26
- Conductivity >1999
- Detergent and Chlorine Oppm
- Ammonia Nitrogen 1-2ppm
- Turbidity 8.82, 22.3, 69.4, 105, 33.1, 31.5
- Temp 14.5, 25, 14,
- Color orange/brown
- No odor

#### Lab Results:

- Iron 15.8 mg/l
- Nickel 0.022 mg/l
- Zinc 0.048 mg/l
- All other metals were not detected

#### Video of the storm line

