

# Illicit Discharge Investigations







ve Creek Trail



2500

leade Dr



2440



2506

2504

2990

Belmeade Dr



2410

2990



















## 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 – 0ppm
- 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





