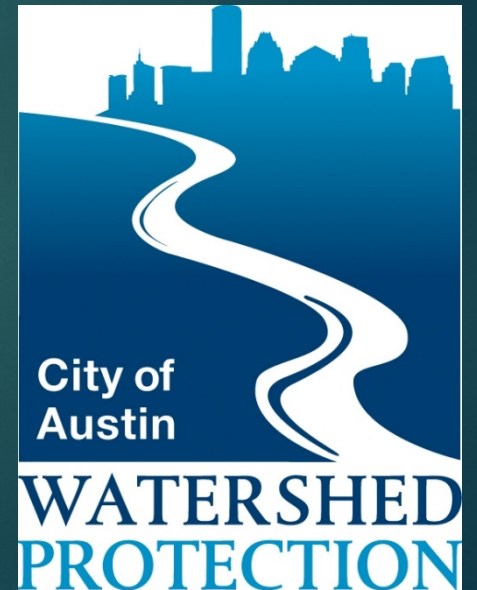


Watershed Protection Department Spills and Complaints Response (SCRCP) Program





What is SCRP?

- ▶ SCRP mission is to prevent and reduce water pollution within the City of Austin Jurisdiction (including Extra-Territorial Jurisdiction)
- ▶ Investigate pollution and water quality complaints from citizens through a 24-Hour Pollution Hotline
- ▶ Respond to requests for assistance from other City departments

Austin Fire



Austin Water



Why does this program exist?

- ▶ Federal: Clean Water Act
- ▶ Texas: Texas Water Code
- ▶ Local: Title VI, Chapter 6-5 City of Austin Code
- ▶ TPDES Municipal Stormwater Permit
 - ▶ Requires “Illicit Discharge Detection and Elimination” within the permit area

Illicit Discharge Detection and Elimination?

- ▶ What is an Illicit Discharge?
 - ▶ Pollutant
 - ▶ Discharge (to waters in the state)



Definition of Pollution

Texas Water Code, Chapter 26, Subchapter A

- ▶ Cause a physical change
- ▶ Cause a chemical change
- ▶ Cause harm to humans or other organisms
- ▶ Impair or restrict the original use of the water

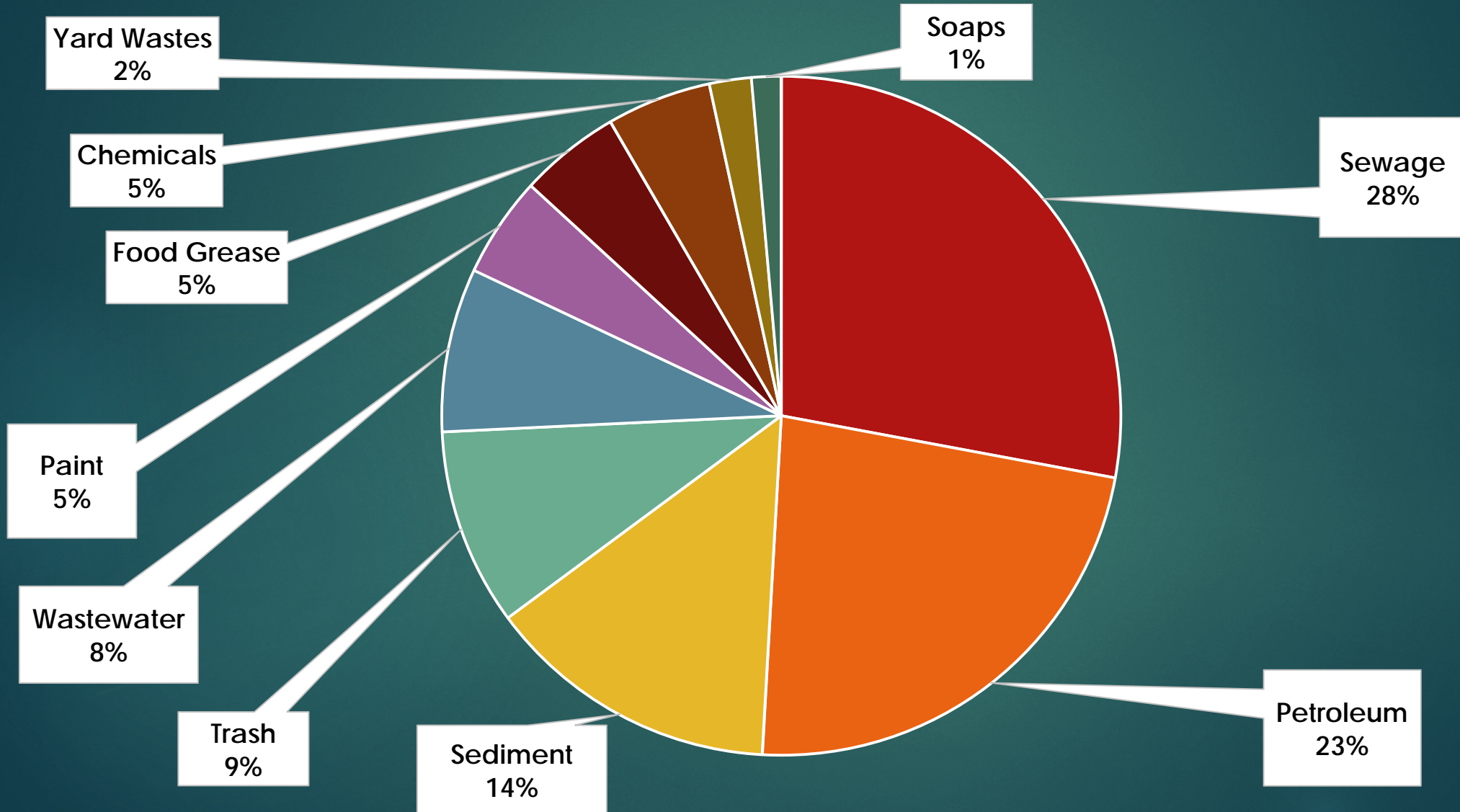


Waters in the State

- ▶ Channels – natural and man made
- ▶ Dry beds and banks
- ▶ Ponds – natural and man made
- ▶ Storm sewers and structures attached to storm sewers
- ▶ Ground water – percolating or otherwise



What sort of problems do we find?



Pollutants by Percentage of Incidents: 2011-2016

Sewage



Sewage



Sewage



Petroleum Products



Petroleum Products



Petroleum Products



Petroleum Products



Sediment



Sediment



Sediment



Sediment



Trash



Trash



Trash



Wastewater



Wastewater



Chemicals



Chemicals



Food Grease



Food Grease



Paint



Paint



Yard Waste



Yard Waste



Soaps/Detergents



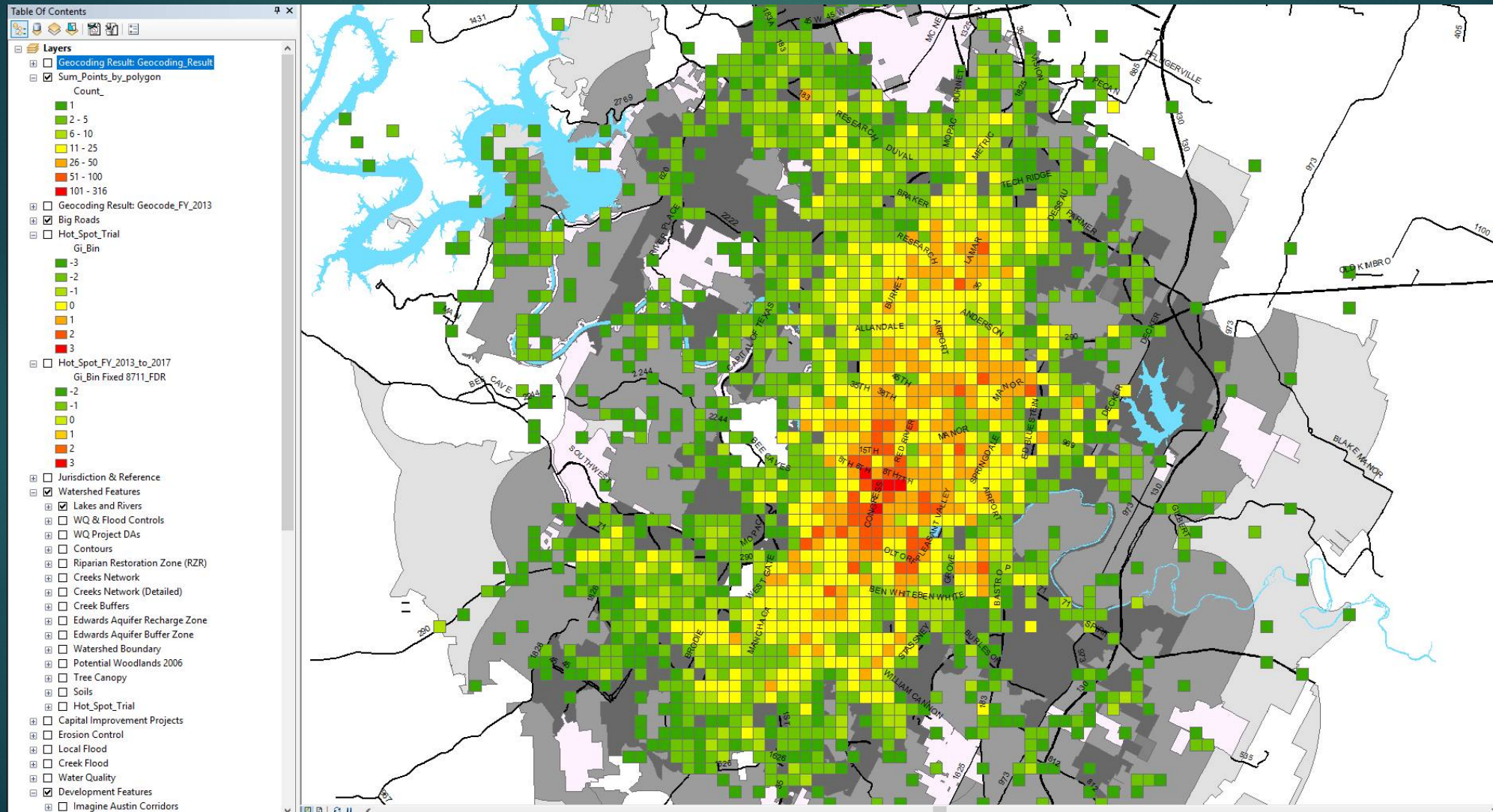
Soaps/Detergents



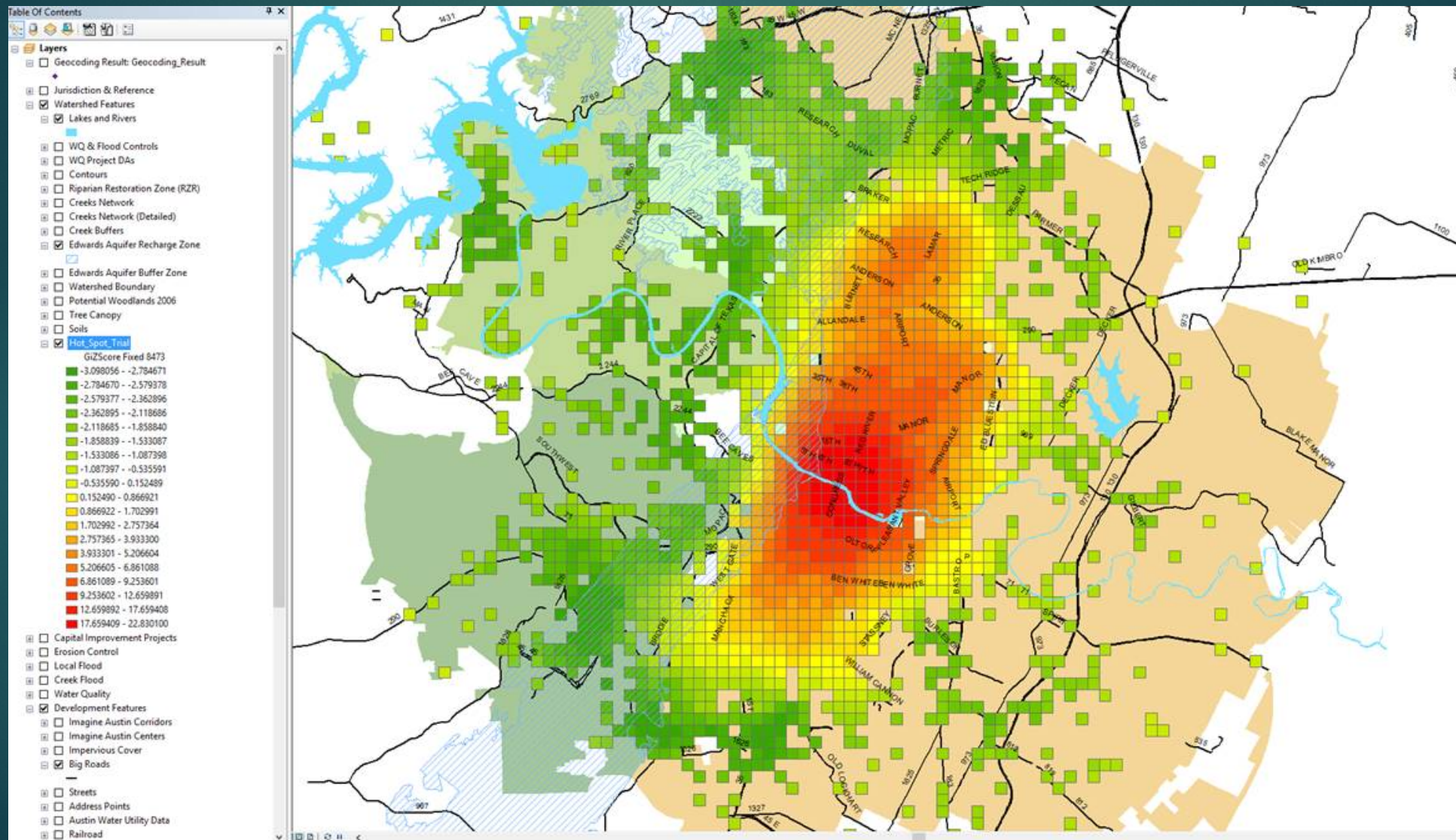
Where do we respond?

- ▶ Anywhere within City of Austin – City Limits and Extraterritorial Jurisdiction
- ▶ Transportation corridors
- ▶ Older neighborhoods with aging infrastructure
- ▶ Higher population density areas
- ▶ Areas with active construction sites

Locations Investigated



Probability heat map



How busy are we?

- ▶ We investigate 1,000-1,700 incidents per year
 - ▶ 1,386 average investigations per year
- ▶ One major goal during investigations is removing pollution from the environment
 - ▶ Average of 2.6 million gallons of pollutants removed per year
 - ▶ Average of almost 900 cubic yards of pollutants removed per year

Reporting Problems



Questions?

