

**SAVE BARTON CREEK ASSOCIATION**  
BRIAN ZABCIK • JANUARY 2021



  
**Save Barton Creek Association**

**Hill**

**Country**

**Sewage**

**Scorecard**

Bandera, Bexar, Blanco, Burnet, Comal,  
Edwards, Gillespie, Hays, Kendall, Kerr, Kimble,  
Llano, Mason, Medina, Real, Travis, Uvalde

**January 2017-June 2020**

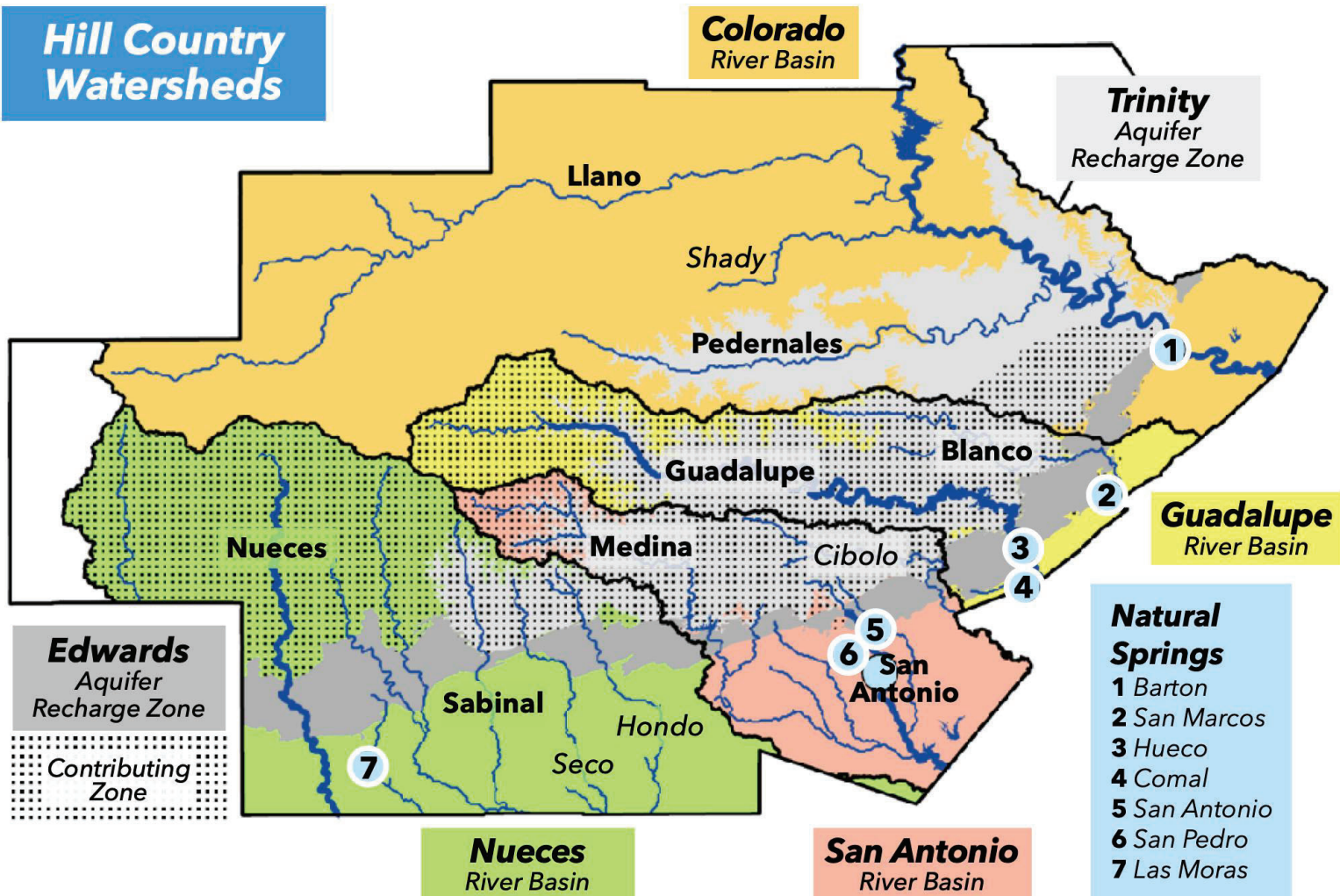
**48** municipal sewage discharge plants

**81%** at least 1 permit exceedance

**8.6** average number of exceedances

**188** average number of days with exceedances

# Hill Country Watersheds



# Key terms

**Sewage** – wastewater

**Treatment** – removing pollutants

**Effluent** – treated wastewater

**Dispersal** – dumping effluent

**Land dispersal** – septic tanks, irrigation

**Water dispersal** – discharge

# Discharge permits

- **Flow limit**
- **Pollutant limits**
- **Monitoring & reporting**

# Sewage pollutants

**Regulated** – Oxygen levels (BOD)

– Solids (TSS)

– E. coli

**Not regulated** – Emerging contaminants

– Nutrients  
(nitrogen, phosphorus)



## Enforcement and Compliance History Online

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 Analyze Trends

 Find EPA Cases

 Data Services

 Help

 News

### Quick Search

#### Search By

Location

Facility Name/ID

Enter city, state, and/or zip code

Search

[More Search Options](#)

Use EPA's Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations. You can use ECHO to:

- Search for Facilities
- Investigate Pollution Sources
- Search for EPA Enforcement Cases
- Examine and Create Enforcement-Related Maps
- Analyze Trends in Compliance & Enforcement Data



[Read the Quick Start Guide](#)



[Watch a Video Tutorial](#)



[Explore the Tool Guide](#)



You are here [Home](#) » [Trends](#) » [Water Pollutant Loading Tool](#) » [Reports](#) » Effluent Limit Exceedances Report

# Effluent Limit Exceedances Report

Print Help

LIBERTY HILL REGIONAL WWTP, LEANDER, TX, 78641

**Facility Information**

**NPDES ID:** TX0126195

**FRS ID:** 110034063091

**Other NPDES IDs associated with this FRS ID:** None

**TRI ID(s):** None

**Major/Non-Major Indicator:** Major

**Facility Type:** POTW

**Latitude:** 30.616972

**Longitude:** -97.84675

**4-Digit SIC Code:** 4952 - SEWERAGE SYSTEMS

**6-Digit NAICS Code:** --

**Receiving Watershed Information**

**Water Body Name (from GNIS):** South Fork San Gabriel River

**Watershed Name and Number (12-Digit HUC):** Not found (120702050203)

**Listed for Impairment:** No

**Impairment Class:** Not provided.

**Permit Information**

**Permit Status:** Administratively Continued

**Permit Issuance:** STATE OF TEXAS

**Original Issue Date:** 12/16/2004

**Last Issue Date:** 09/22/2015

**Permit Effective Date:** 10/01/2015

**Permit Expiration Date:** 12/01/2018

**DMR Signer:** --

**Approved Pretreatment Program:** No

**Combined Sewer Overflow (CSO) Outfall:** No

**Enforcement Information**

**Last Formal Enforcement Action:** 06/16/2020

**Civil Enforcement Case Number:** TX-2018-1024-MLM-E

**DOJ/Court Docket Number:** --

**Court Docket Number:**

**Type Description:** State CWA Penalty AO

# Grade & Size

## Days with effluent exceedances



0 days



1-50 days



51-500 days

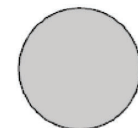


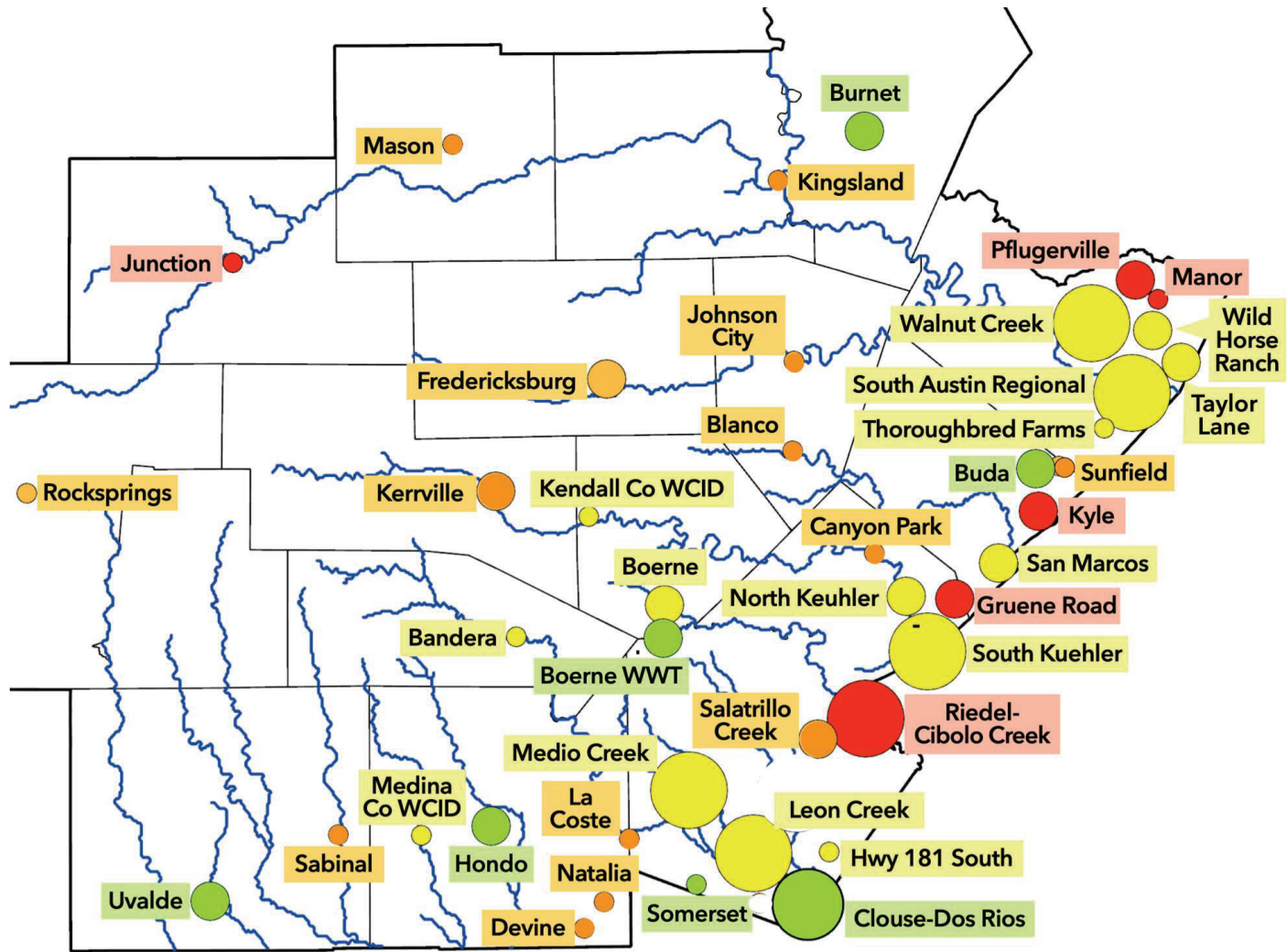
500+ days

## Maximum permitted discharge

 >1 mgd

 1-10 mgd

 10 < mgd



FACILITY	GRADE	DAYS
<b>BANDERA</b>		
Bandera	B	28
<b>BEXAR</b>		
Martinez II	A	0
Martinez IV	A	0
Somerset	A	0
Clouse-Dos Rios	B	4
Hwy 181 S Elmendorf	B	33
Leon Creek	B	3
Medio Creek	B	4
Salatrillo Creek	C	71
Cibolo Valley	F	575
Riedel-Cibolo Creek	F	731
<b>BLANCO</b>		
Blanco	C	121
Johnson City	C	91

FACILITY	GRADE	DAYS
<b>BURNET</b>		
Burnet	A	0
<b>COMAL</b>		
North Kuehler	B	1
South Kuehler	B	1
Canyon Park Estates	C	91
Gruene Road	F	1,150
<b>EDWARDS</b>		
Rocksprings	C	122
<b>GILLESPIE</b>		
Fredericksburg	C	121
<b>HAYS</b>		
Buda	A	0
San Marcos	B	3
Sunfield MUD 4	C	60
Kyle	F	833

FACILITY	GRADE	DAYS
<b>KENDALL</b>		
Boerne WWT	A	0
Boerne	B	1
Kendall Co WCID 1	B	30
<b>KERR</b>		
Kerrville	C	93
<b>KIMBLE</b>		
Junction	F	1,119
<b>LLANO</b>		
Kingsland MUD	C	155
<b>MASON</b>		
Mason	C	303
<b>MEDINA</b>		
Hondo	A	0
Medina Co WCID 2	B	30
Devine	C	243

FACILITY	GRADE	DAYS
La Coste	C	120
Natalia	C	120
<b>TRAVIS</b>		
Pearce Lane	A	0
Dessau	B	29
S Austin Regional	B	2
Taylor Lane	B	30
Thoroughbred Farms	B	1
Walnut Creek	B	4
Wild Horse Ranch	B	32
Wilbarger Cr MUD 2	C	391
Manor	F	846
Pflugerville	F	1,372
<b>UVALDE</b>		
Uvalde	A	0
Sabinal	C	62

## Enforcement

Number of plants receiving formal enforcement action & monetary penalty:

Number of plants receiving no formal enforcement action & no monetary penalty:

4 **F** 3

Plants with 500+ days of effluent exceedances

6\* **C** 9

Plants with 50-500 days of effluent exceedances

1 **B** 15

Plants with 1-50 days of effluent exceedances

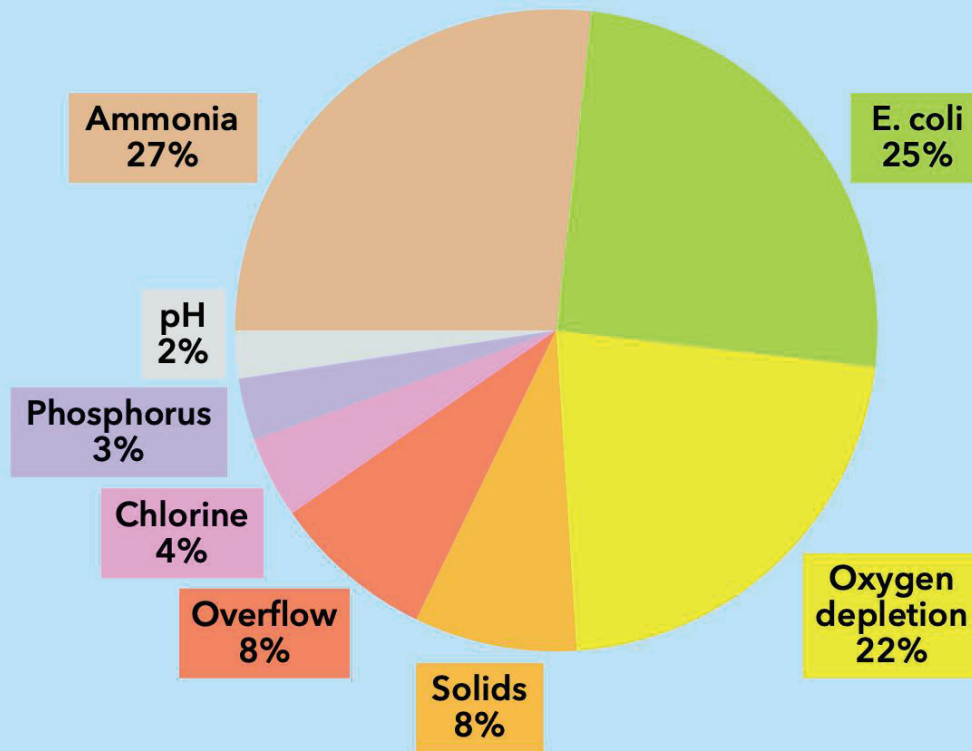
2 **A** 7

Plants with no effluent exceedances

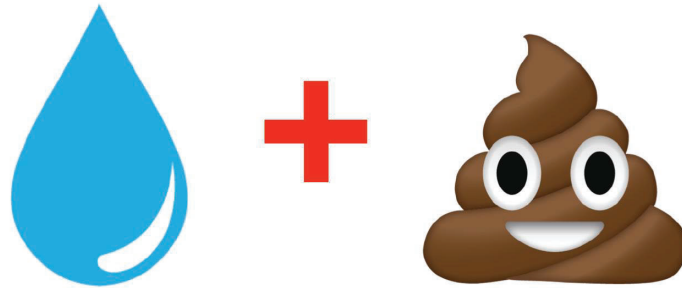
*\*One plant received a formal action but no penalty*

## Pollutants

Percentage of all exceedances for each pollutant:



## What's in sewage?

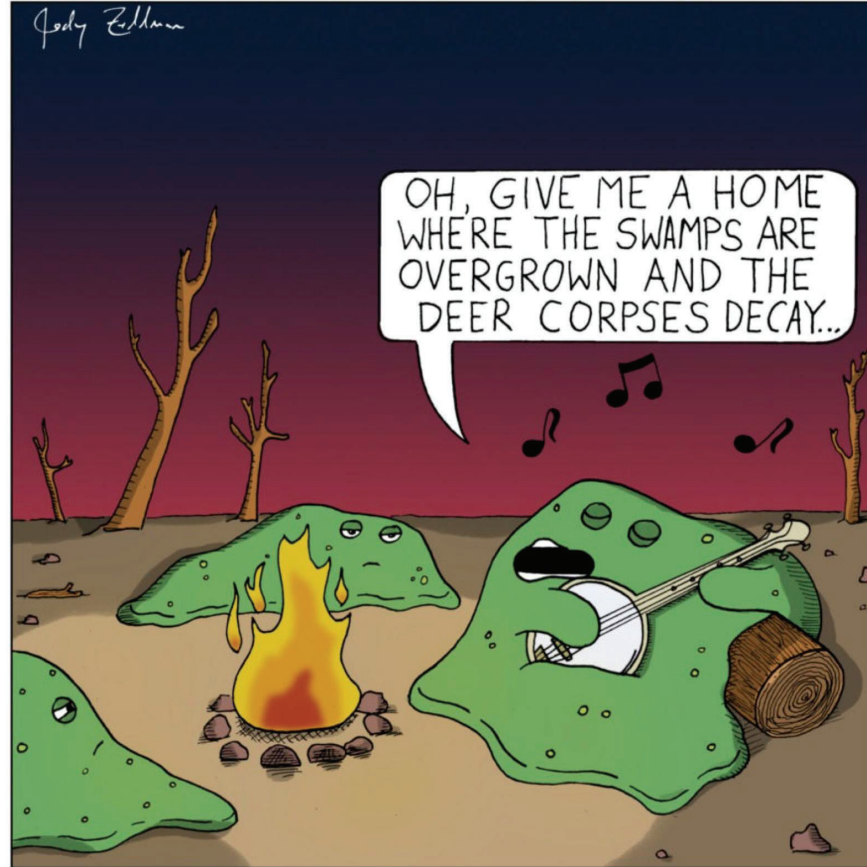


Water & poop (plants & animals = organic matter = carbon)



## How do plants & animals decay?

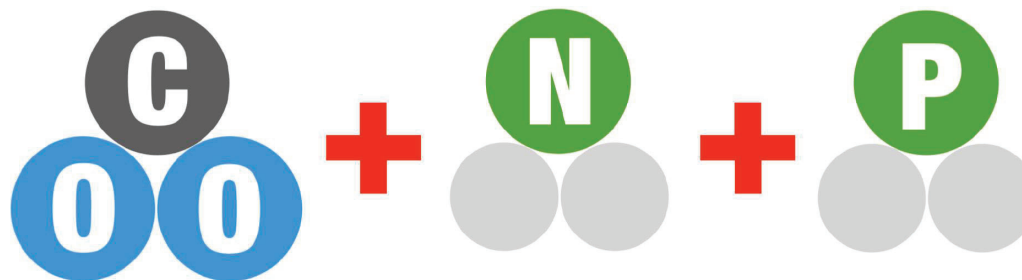
EARTHTOPLANET.COM



BACTERIAL BLUEGRASS

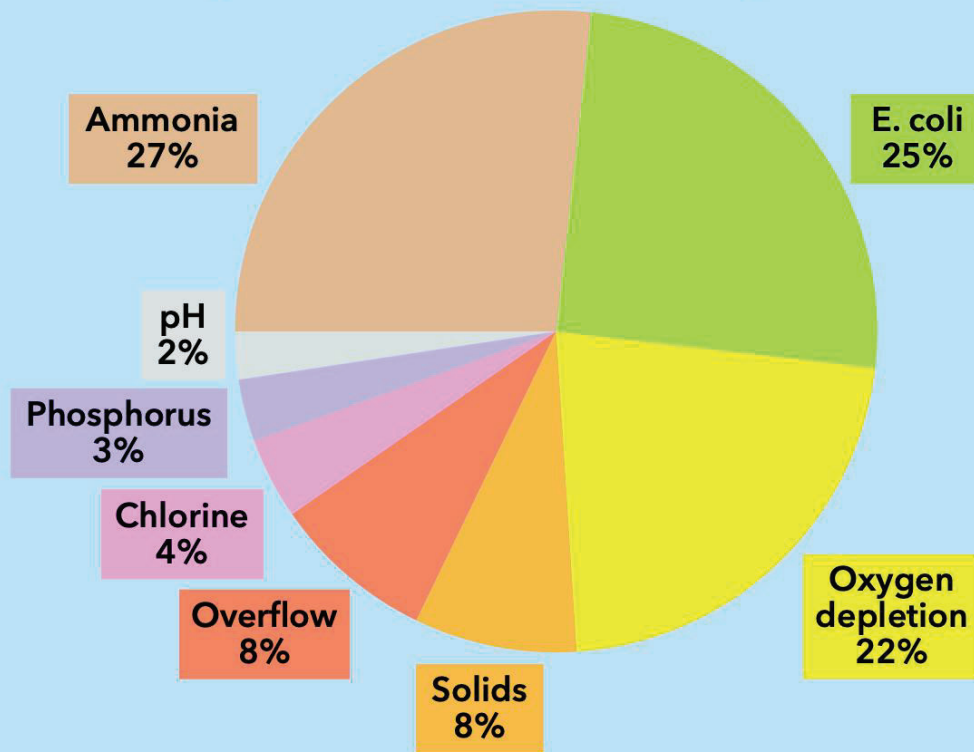


## How organic matter decomposes

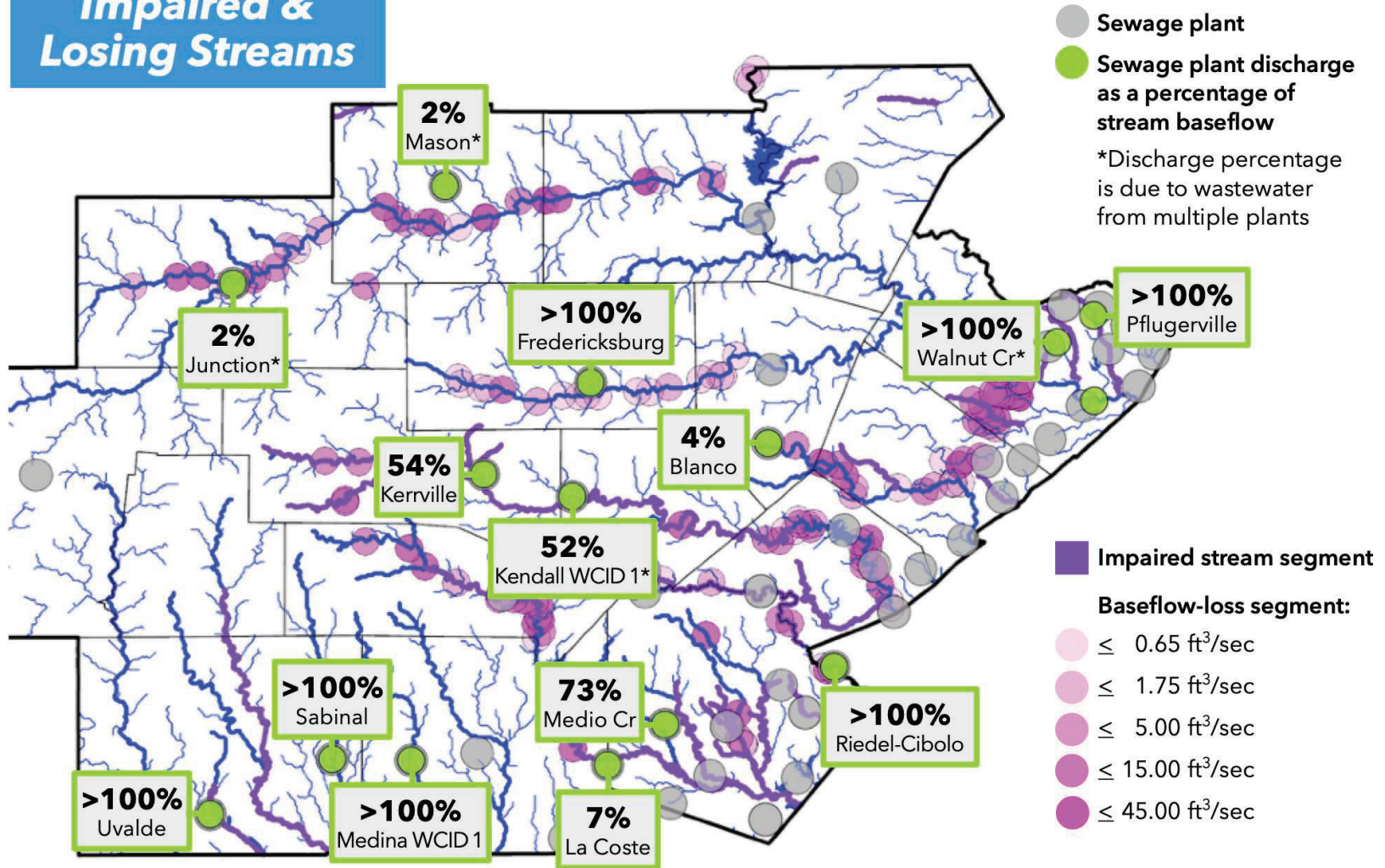


## Pollutants

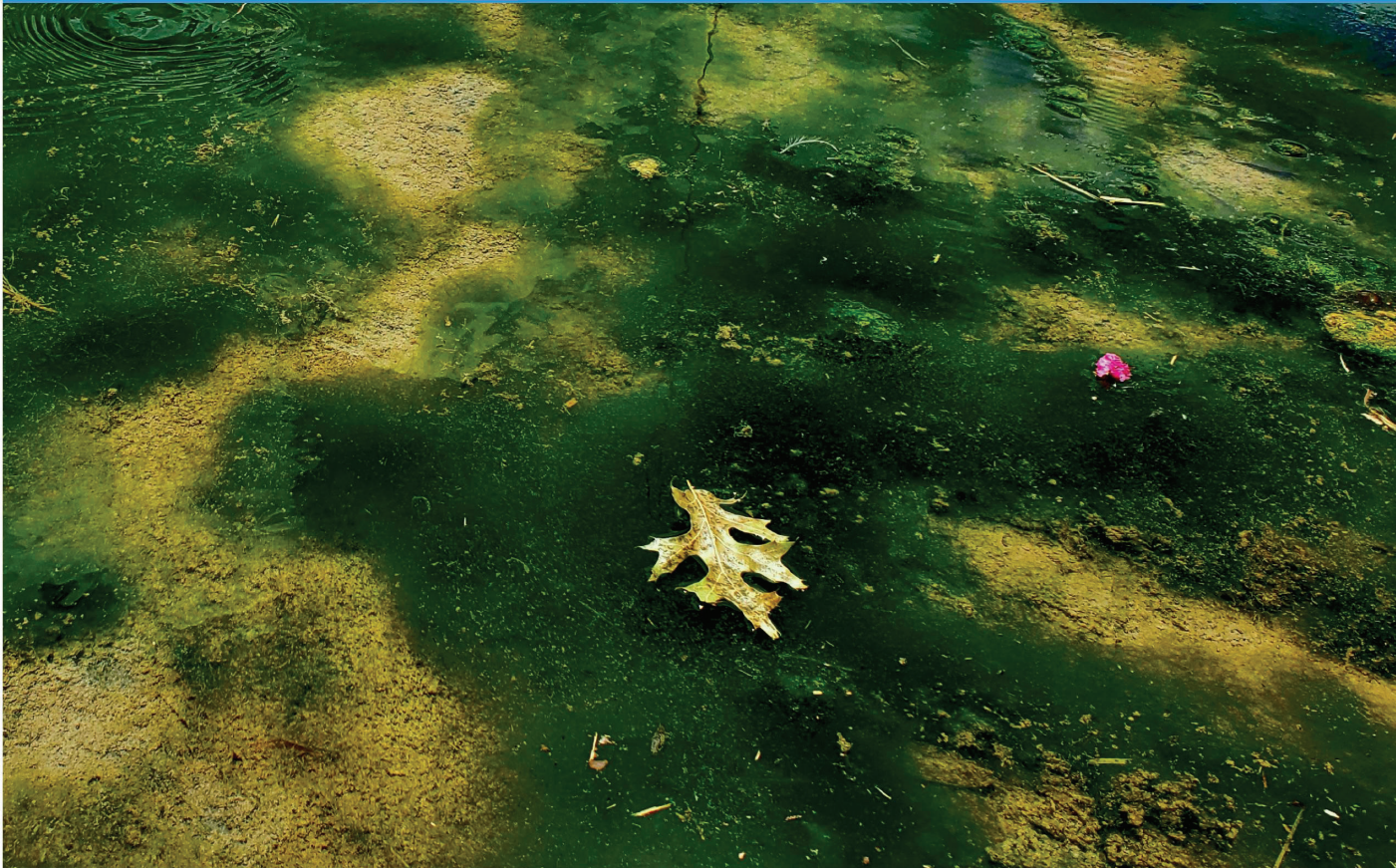
Percentage of all exceedances for each pollutant:



# Impaired & Losing Streams



# Algae pollution



# Liberty Hill



*Austin American-Statesman*

## **Nonprofit plans suit over Liberty Hill wastewater plant**



**By Claire Osborn**  
**@cosbo4**  
Posted Sep 11, 2020

Texas RioGrande Legal Aid has given the Liberty Hill mayor a 60-day notice of intent to file a federal lawsuit against the city claiming its wastewater treatment plant has violated the levels of nutrients it can release into the South San Gabriel River 3,108 times since 2015.

# South San Gabriel River

50 yards upstream of  
wastewater outfall



At the outfall, 1 mile East of Hwy 183

Aug 19 2019 - Liberty Hill  
Wastewater Treatment  
plant discharge point of  
"treated" wastewater  
effluent

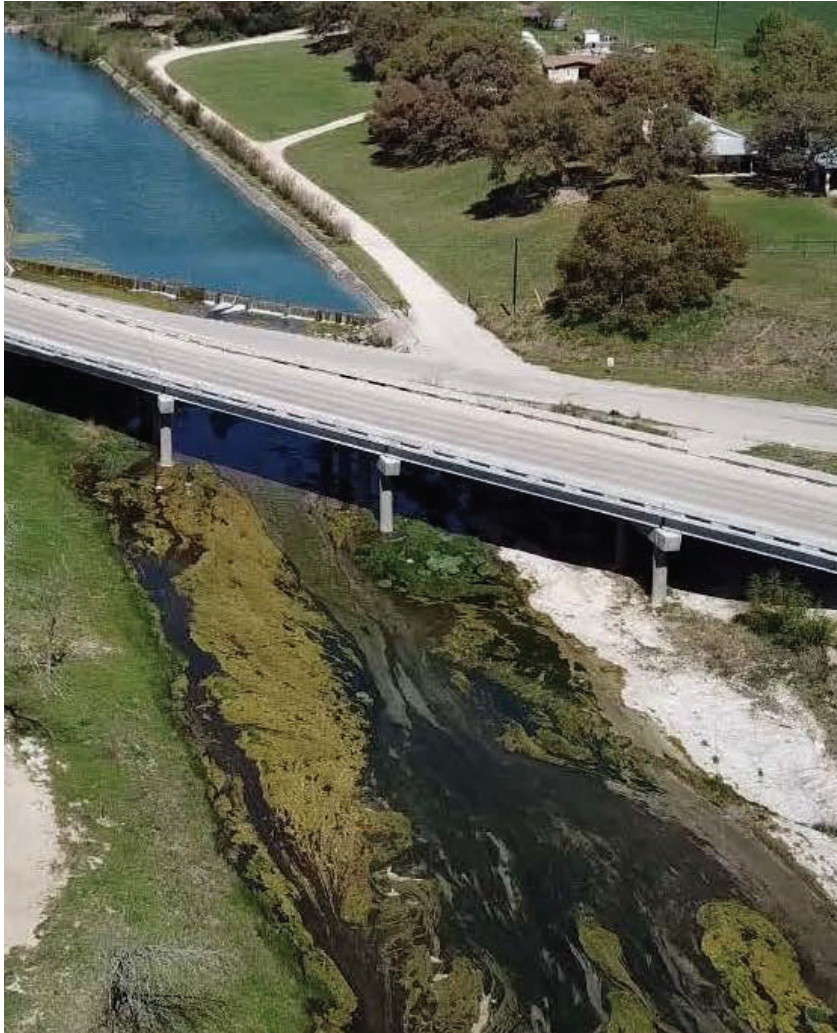


$\frac{1}{4}$  mile downstream  
of wastewater outfall

# Blanco



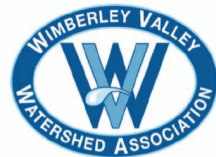




# Disperse on land, not water

- **On-site facilities (septic tanks)**
- **Irrigation (land application)**
- **Beneficial reuse of wastewater**

# NO DUMPING SEWAGE



**info@NoDumpingSewage.org**



**Save Barton Creek Association**