

**Timeline for Listing and Assessment of Colorado River (Basin 14)  
Segment 1428  
-- impairments listed since 2006 in the Texas Integrated Reports --**

**SUMMARY**

**Fish Community:**

- 2006 Concern for Near non-attainment (CN)
- 2010 Use Concern (CN)
- 2022 **Fish Community as an Aquatic Life Use Method was Delisted (July 7, 2022)**

**Macrobenthic Community:**

- 2006 Concern for Near non-attainment (CN)
- 2010 Use Concern (CN)
- 2006 Colorado River, lower segment
- 2008 Walnut Creek added
- 2022 **Colorado River delisted from this Aquatic Life Use Method (July 7, 2022)**

**Dissolved Oxygen:**

- 2020 New Method Added  
Colorado River, Walnut Creek to Longhorn Dam (CS) (May 31, 2020)
- 2022 **Colorado River, Walnut Creek to Longhorn Dam delisted (July 7, 2022)**

**Habitat:**

- 2020 New Method Added  
Walnut Creek

**Nitrate:**

**No. Listings**

- |      |   |              |
|------|---|--------------|
| 2006 | 1 |              |
| 2008 | 2 |              |
| 2010 | 3 |              |
| 2020 | 6 | May 31, 2020 |
| 2022 | 5 | July 7, 2022 |
- Colorado River lower segment delisted**

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**SUMMARY (continued)**

<b><u>Orthophosphorus:</u></b>	<b><u>No. Listings</u></b>
2006	2
2008	2
2010	3
2020	0

<b><u>Total Phosphates:</u></b>	<b><u>No. Listings</u></b>
2006	1
2008	2
2010	3
2020	2
2022	1

May 31, 2020

July 7, 2022

**Colorado River lower segment delisted**

<b><u>Bacteria Single Sample:</u></b>	<b><u>No. Listings</u></b>	<b><u>Concern</u></b>
2006	1	
2008	2	CN
2010	1	CN
	1	NS
2020	0	May 31, 2020
2022	0	July 7, 2022

<b><u>Bacteria Geomean:</u></b>	<b><u>No. Listings</u></b>	<b><u>Concern</u></b>
2006	1	
2008	2	CN
	2	NS
	4	5c
2010	3	CN
	5	5c
2020	3	CS May 31, 2020
	3	4a May 31, 2020
2022	2	CN July 7, 2022
	4	4a July 7, 2022

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**2006 - Report from TCEQ website (see attached Exhibit 4)**

- **Assessment Data (7 TCEQ Causes Listed)**

- Fish Community                      Concern for Near non-attainment (CN)                      Carry Forward  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek
- Macrobenthic Community- Concern for Near non-attainment (CN)                      Carry Forward  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek
- Nitrate                                      Concern for Screening level (CS)                                      No  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek
- Orthophosphorus                      Concern for Screening level (CS)                                      No  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek  
1428\_02                      Colorado River. Gilleland Creek to Walnut Creek
- Total Phosphorus                      Concern for Screening level (CS)                                      No  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek
- E. coli                                      Non-Supporting (NS), Impaired Category 5c                                      No  
1428\_03                      Walnut Creek to Longhorn Dam

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**2008 - Reports from TCEQ website (see attached Exhibit 3)**

- **Integrated Report - Not Available on TCEQ website**

- **Assessment Data - 20 TCEQ Causes Listed**

- Fish Community                      Concern for Near non-attainment (CN)                      Carry Forward  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek
  
- Macrobenthic Community- Concern for Near non-attainment (CN)                      Carry Forward  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek  
1428B\_04                      Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1
  
- Nitrate                                      Concern for Screening level (CS)                                      No  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek  
1428C\_01                      Gilleland Creek, From Colorado River upstream to Taylor Lane  
1428C\_02                      Gilleland Creek, From Taylor Lane upstream to Old Hwy 20
  
- Orthophosphorus                      Concern for Screening level (CS)                                      No  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek  
1428C\_01                      Gilleland Creek, From Colorado River upstream to Taylor Lane
  
- Total Phosphorus                      Concern for Screening level (CS)                                      No  
1428\_01                      Colorado River, Lower end of segment to Gilleland Creek
  
- Bacteria Single Sample                      Concern for near non-attainment (CN)                                      No  
1428\_03                      Colorado River, Walnut Creek to Longhorn Dam  
Fecal coliform  
1428C\_01                      Gilleland Creek, From Colorado River upstream to Taylor Lane
  
- Bacteria Single Sample                      Non-Supporting (NS), Impaired Category 5c                                      No  
1428B\_05                      Walnut Creek, From MoPac upstream to RR west of Loop 1  
E. coli
  
- Bacteria Geomean                      Concern for near non-attainment (CN)                                      No  
1428B\_04                      Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1  
E. coli  
1428B\_05                      Walnut Creek, From MoPac upstream to RR west of Loop 1  
E. coli
  
- Bacteria Geomean                      Non-Supporting (NS)    No  
1428\_03                      Colorado River, Walnut Creek to Longhorn Dam  
Fecal coliform  
1428C\_01                      Gilleland Creek, From Colorado River upstream to Taylor Lane  
Fecal coliform

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- Bacteria Geomean                      Non-Supporting (NS), Impaired Category 5c                      No
  
- 1428\_03                      Colorado River, Walnut Creek to Longhorn Dam  
    E. coli
- 1428B\_01                      Walnut Creek, From Colorado River upstream to FM 969  
    Fecal coliform
- 1428B\_03                      Walnut Creek, From old Manor Rd. upstream to Dessau Rd.  
    Fecal coliform
- 1428C\_01                      Gilleland Creek, From Colorado River upstream to Taylor Lane  
    E. coli

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**2008 - Reports from TCEQ (continued)**

- **Water Bodies Evaluated**

- Colorado Below Town Lake                      Assessed in 2008              TWQS-Appendix A
- Walnut Creek    Assessed in 2008              Presumption from  
Flow Type
- Gilleland Creek    Assessed in 2008              Presumption from  
Flow Type

- **Colorado River Below Town Lake**

- Colorado River, Walnut Creek to Longhorn Dam              Category 5c    Bacteria  
Not Carried Forward
- Walnut Creek    Category 5c    Bacteria              Not Carried Forward
- Gilleland Creek    Category 5c    Bacteria              Not Carried Forward

- **303(d) List**

- Bacteria    Colorado River                      Category 5c              First Listed 2006
- Bacteria    Walnut Creek                                      Category 5c              First Listed 2006
- Bacteria    Gilleland Creek                                      Category 5c              First Listed 1999

- **Water Bodies and Impairments Added to 303(d) List**

- None added for Segment 1428

- **Water Bodies and Parameters Removed from 303(d) List**

- None removed for Segment 1428

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**2010 - Report from TCEQ - 18 TCEQ Causes Listed, 4 Screening Level Concerns wo/Cause Listed (See Attached Exhibit 2)**

- Fish Community (Regional) Use Concern (CN) Carry Forward  
1428\_01 Colorado River, Lower Segment to Gilleland Creek
  
- Macrobenthic Community (Qualitative) Use Concern (CN) Carry Forward  
1428\_01 Colorado River, Lower Segment to Gilleland Creek  
1428B\_04 Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1
  
- Nitrate Screening Level Concern(CS) No  
1428\_01 Colorado River, Lower Segment to Gilleland Creek  
1428\_02 Colorado River, Gilleland Creek upstream to Walnut Creek  
1428C\_01 Gilleland Creek, From CR upstream to Taylor Lane  
1428C\_02 Gilleland Creek, From Taylor Lane upstream to Old Hwy 20
  
- Orthophosphorus Screening Level Concern(CS) No  
1428\_01 Colorado River, Lower Segment to Gilleland Creek  
1428\_02 Colorado River, Gilleland Creek upstream to Walnut Creek  
1428C\_01 Gilleland Creek, From CR upstream to Taylor Lane
  
- Total Phosphorus Screening Level Concern(CS) No  
1428\_01 Colorado River, Lower Segment to Gilleland Creek  
1428\_02 Colorado River, Gilleland Creek upstream to Walnut Creek
  
- Bacteria Single Sample Screening Level Concern (CS) No  
1428B\_04 Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1
  
- Bacteria Single Sample Nonsupport (NS) No  
1428B\_05 Walnut Creek, From MoPac/Loop 1 upstream to RR. west of Loop 1
  
- Bacteria Geomean Screening Level Concern (CS) No  
1428B\_01 Walnut Creek, From Colorado River upstream to FM 969  
1428B\_02 Walnut Creek, From FM969 to Old Manor Rd.  
1423B\_03 Walnut Creek, From Old Manor Rd. upstream to Dessau Rd.
  
- Bacteria Geomean Nonsupport (NS), Category 5c No  
5c: Additional data and information will be collected before a TMDL is scheduled  
1428\_03 Colorado River, Walnut Creek to Longhorn Dam  
1428B\_05 Walnut Creek, From MoPac/Loop 1 upstream to RR. west of Loop  
1428C\_01 Gilleland Creek, From CR upstream to Taylor Lane  
1428C\_03 Gilleland Creek, From Old Hwy 20 to Cameron Rd.

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1428C\_04 Gilleland Creek, From Cameron Rd to the spring source  
**2020 - Reports from TCEQ (see attached Exhibit 1)**

**May 31, 2020, Report (19 TCEQ Causes Listed)**

- Fish Community (Regional) Use Concern (CN) Carry Forward  
1428\_01 Colorado River, Lower Segment to Gilleland Creek
- Macrobenthic Community (Qualitative) Use Concern (CN) Carry Forward  
1428\_01 Colorado River, Lower Segment to Gilleland Creek  
1428B\_04 Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1
- Nitrate Screening Level Concern(CS) No  
1428\_01 Colorado River, Lower Segment to Gilleland Creek  
1428\_02 Colorado River, Gilleland Creek upstream to Walnut Creek  
1428C\_01 Gilleland Creek, From CR upstream to Taylor Lane  
1428C\_02 Gilleland Creek, From Taylor Lane upstream to Old Hwy 20  
1428C\_03 Gilleland Creek, From Old Hwy 20 to Cameron Rd.  
1428C\_04 Gilleland Creek, From Cameron Rd to the spring source
- Total Phosphorus Screening Level Concern(CS) No  
1428\_01 Colorado River, Lower Segment to Gilleland Creek  
1428\_02 Colorado River, Gilleland Creek upstream to Walnut Creek
- Dissolved Oxygen Screening Level Concern(CS) No  
1428\_03 Colorado River, Walnut Creek to Longhorn Dam
- Bacteria Geomean Screening Level Concern(CS) Carry Forward  
1428B\_02 Walnut Creek, From FM969 to Old Manor Rd.  
1428B\_04 Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1  
1428C\_01 Gilleland Creek, From CR upstream to Taylor Lane Bacteria  
Geomean Nonsupport (NS), Category 4a No  
4a: ALL TMDLs have been completed and approved by EPA  
1428B\_05 Walnut Creek, From MoPac/Loop 1 upstream to Union Pacific  
RR. south of McNeil Drive  
1428C\_03 Gilleland Creek, From Old Hwy 20 to Cameron Rd.  
1428C\_04 Gilleland Creek, From Cameron Rd to the spring source
- Habitat **New Method** Screening Level Concern(CS) Carry Forward  
1428B\_03 Walnut Creek, From Old Manor Rd upstream to Dessau Rd.



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**2020 - Reports from TCEQ (continued)**

**July 7, 2022, Report (14 TCEQ Causes Listed)**

- **Macrobenthic Community (Qualitative)**  

	Use Concern (CN)	Carry Forward
1428B_04	Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1	
  
- Nitrate  

	Screening Level Concern(CS)	No
1428_02	Colorado River, Gilleland Creek upstream to Walnut Creek	
1428C_01	Gilleland Creek, From CR upstream to Taylor Lane	
1428C_02	Gilleland Creek, From Taylor Lane upstream to Old Hwy 20	
1428C_03	Gilleland Creek, From Old Hwy 20 to Cameron Rd.	
1428C_04	Gilleland Creek, From Cameron Rd to the spring source	
  
- Total Phosphorus  

	Screening Level Concern(CS)	No
1428_02	Colorado River, Gilleland Creek upstream to Walnut Creek	
  
- Bacteria Geomean  

	Use Concern(CN)	Carry Forward
1428B_02	Walnut Creek, From FM969 to Old Manor Rd.	
1428C_04	Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1	
  
- Bacteria Geomean  

	Nonsupport (NS), Category 4a	No
4a: A state-developed TMDL has been approved by EPA or TMDL has been established by EPA for any water-pollutant combination.		
1428B_05	Walnut Creek, From MoPac/Loop 1 upstream to Union Pacific RR. south of McNeil Drive	
1428C_01	Gilleland Creek,	
1428C_03	Gilleland Creek, From Old Hwy 20 to Cameron Rd.	
1428C_04	Gilleland Creek, From Cameron Rd to the spring source	
  
- **Habitat**  

	<b>New Method</b> Screening Level Concern(CS)	Carry Forward
1428B_03	Walnut Creek, From Old Manor Rd upstream to Dessau Rd.	