-- 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. Listing	<u>s</u>
2006	1	_
2008	2	
2010	3	
2020	6	May 31, 2020
2022	5	July 7, 2022
		Colorado River lower segment delisted

-- impairments listed since 2006 in the Texas Integrated Reports --

SUMMARY (continued)

No. Listings
2
2
3
0

Total Phosphates:	No.	<u>Listings</u>
2006	1	
2008	2	
2010	3	
2020	2	May 31, 2020
2022	1	July 7, 2022

Colorado River lower segment delisted

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

Bacteria Geomean:	No. Listings	<u>Con</u>	<u>cern</u>
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

-- impairments listed since 2006 in the Texas Integrated Reports --

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

• Assessment Data (7 TCEQ Causes Listed)

0	Fish Community		Forward
	1428_01	Colorado River, Lower end of segment to Gilleland Creek	
0	Macrobenthic Con	mmunity- Concern for Near non-attainment (CN) Carry	Forward
	1428_01	Colorado River, Lower end of segment to Gilleland Creek	
	NT:		N
0	Nitrate	Concern for Screening level (CS)	No
	1428_01	Colorado River, Lower end of segment to Gilleland Creek	
	0.1.1.1		N
0	Orthophosphorus		No
	1428_01	Colorado River, Lower end of segment to Gilleland Creek	
	1428_02	Colorado Rover. Gilleland Creek to Walnut Creek	
	T . 1 D1 1	G	N
0	Total Phosphorus		No
	1428_01	Colorado River, Lower end of segment to Gilleland Creek	
0	E. coli	Non Supporting (NS) Impaired Catagory 50	No
O		Non-Supporting (NS), Impaired Category 5c	INU
	1428_03	Walnut Creek to Longhorn Dam	

-- impairments listed since 2006 in the Texas Integrated Reports --

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
 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
 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
 1428_01
 Colorado River, Lower end of segment to Gilleland Creek
 - Bacteria Single Sample Concern for near non-attainment (CN)
 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

-- impairments listed since 2006 in the Texas Integrated Reports --

Bacteria Geomean	Non-Supporting (NS), Impaired Category 5c	No
1428_03 E. coli	Colorado River, Walnut Creek to Longhorn Dam	
1428B_01	Walnut Creek, From Colorado River upstream to FM 969	
Fecal coliform	1	
1428B_03	Walnut Creek, From old Manor Rd. upstream to Dessau Re	d.
Fecal coliform	1	
1428C_01	Gilleland Creek, From Colorado River upstream to Taylor	Lane
E. coli	•	

0

-- impairments listed since 2006 in the Texas Integrated Reports --

2008 - Reports from TCEQ (continued)

• Water Bodies Evaluated

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

Colorado River Below Town Lake

0	Colorado River, Walnut Creek t	o Longhorn Da	m Catego	ory 5c	Bacteria
				Not C	arried Forward
0	Walnut Creek	Category 5c	Bacteria	Not C	arried Forward
0	Gilleland Creek	Category 5c	Bacteria	Not C	arried Forward

• 303(d) List

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

• Water Bodies and Impairments Added to 303(d) List

o None added for Segment 1428

• Water Bodies and Parameters Removed from 303(d) List

o None removed for Segment 1428

-- impairments listed since 2006 in the Texas Integrated Reports --

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

0		J ()	Use Concern (CN) wer Segment to Gilleland Creek	Carry Forward
0	Macrobenthic	Community (Q	ualitative)	
		3 ()		<mark>Carry Forward</mark>
	1428_01		r, Lower Segment to Gilleland Creek	
	1428B_04	Walnut Creek,	From Dessau Rd. upstream to MoPac	/Loop 1
0	Nitrate 1428_01 1428_02 1428C_01 1428C_02	Colorado Rive Gilleland Cree	Screening Level Concern(CS) er, Lower Segment to Gilleland Creek er, Gilleland Creek upstream to Walnut ek, From CR upstream to Taylor Lane ek, From Taylor Lane upstream to Old	
0	Orthophospho 1428_01 1428_02 1428C_01	Colorado Rive	Screening Level Concern(CS) er, Lower Segment to Gilleland Creek er, Gilleland Creek upstream to Walnut ek, From CR upstream to Taylor Lane	No t Creek
0	Total Phospho 1428_01 1428_02	Colorado Rive	Screening Level Concern(CS) er, Lower Segment to Gilleland Creek er, Gilleland Creek upstream to Walnut	No t Creek
0	Bacteria Singl 1428B_04	-	Screening Level Concern (CS) From Dessau Rd. upstream to MoPac	No /Loop 1
0	Bacteria Singl 1428B_05 Loop 1	-	Nonsupport (NS) From MoPac/Loop 1 upstream to RR	No R. west of
0	Bacteria Geor 1428B_01 1428B_02 1423B_03	Walnut Creek, Walnut Creek,	Screening Level Concern (CS) From Colorado River upstream to FM From FM969 to Old Manor Rd. From Old Manor Rd. upstream to Des	
0	Bacteria Geor 5c: Ac schedu 1428_03 1428B_05 1428C_01	dditional data ar lled Colorado Rive Walnut Creek,	Nonsupport (NS), Category 5c and information will be collected before the str., Walnut Creek to Longhorn Dam From MoPac/Loop 1 upstream to RR tok, From CR upstream to Taylor Lane	

1428C 03

February 24, 2023

Gilleland Creek, From Old Hwy 20 to Cameron Rd.

-- impairments listed since 2006 in the Texas Integrated Reports --

1428C_04 Gilleland Creek, From Cameron Rd to the spring sourc **2020 - Reports from TCEQ (see attached Exhibit 1)**

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

0		nity (Regional) Use Concern (CN) lorado River, Lower Segment to Gilleland Creek	Carry Forward
0	_	c Community (Qualitative)	
0	Macrobellille	Use Concern (CN)	Carry Forward
	1428 01	Colorado River, Lower Segment to Gilleland Creek	
	1428B 04	Walnut Creek, From Dessau Rd. upstream to MoPa	
	1420 D_ 04	wamat Creek, From Dessau Ra. apstream to Mora	C/LOOP I
0	Nitrate	Screening Level Concern(CS)	No
Ü	1428 01	Colorado River, Lower Segment to Gilleland Creek	
	1428 02	Colorado River, Gilleland Creek upstream to Walnu	
	1428C 01	Gilleland Creek, From CR upstream to Taylor Lane	
	1428C 02	Gilleland Creek, From Taylor Lane upstream to Old	
	1428C 03	Gilleland Creek, From Old Hwy 20 to Cameron Rd.	•
	1428C 04	Gilleland Creek, From Cameron Rd to the spring so	
	11200_01	ometand creek, from cumeron rea to the spring so	aree
0	Total Phosph	orus Screening Level Concern(CS)	No
Ū	1428 01	Colorado River, Lower Segment to Gilleland Creek	
	1428 02	Colorado River, Gilleland Creek upstream to Walnu	
	1.20_02	colorado ravor, emiciana eroon aportoan to wante	**
0	Dissolved Ox	Screening Level Concern(CS)	No
	1428 03	Colorado River, Walnut Creek to Longhorn Dam	
	<u> </u>	,	
0	Bacteria Geo	mean 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 MoPa	c/Loop 1
	1428C 01	Gilleland Creek, From CR upstream to Taylor Lane	
Geo	mean	Nonsupport (NS), Category 4a No	
	4a: A	ALL TMDLs have been completed and approved by E	PA
	1428B_05	Walnut Creek, From MoPac/Loop 1 upstream to Ur	nion 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 so	
0	Habitat	New Method Screening Level Concern(CS)	Carry Forward
	1428B 03	Walnut Creek, From Old Manor Rd upstream to De	ssau Rd.

-- impairments listed since 2006 in the Texas Integrated Reports --

2020 - Reports from TCEQ (continued)

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

0	Macrobenthic	Community (Qualitative)		
		Use Concern (CN)	Carry Forward	
	1428B_04	Walnut Creek, From Dessau Rd. upstream to MoP	ac/Loop 1	
0	Nitrate	Screening Level Concern(CS)	No	
	1428_02	Colorado River, Gilleland Creek upstream to Walr	nut Creek	
	1428C_01	Gilleland Creek, From CR upstream to Taylor Lan		
	1428C_02	Gilleland Creek, From Taylor Lane upstream to Old Hwy 20		
	1428C_03	Gilleland Creek, From Old Hwy 20 to Cameron Ro	d.	
	1428C_04	Gilleland Creek, From Cameron Rd to the spring source		
0	Total Phosph	•	No	
	1428_02	Colorado River, Gilleland Creek upstream to Waln	nut Creek	
	D	V G (G)		
0	Bacteria Geor		Carry Forward	
	1428B_02	Walnut Creek, From FM969 to Old Manor Rd.	/T 1	
	1428C_04 Walnut Creek, From Dessau Rd. upstream to MoPac/Loop 1			
0	Bacteria Geor	mean 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 U	Inion Pacific	
RR.	south of	McNeil Drive		
	1428C_01	Gilleland Creek,		
	1428C_03	Gilleland Creek, From Old Hwy 20 to Cameron Ro	d.	
	1428C_04	Gilleland Creek, From Cameron Rd to the spring s	ource	
0	Habitat	New Method Screening Level Concern(CS)	Carry Forward	
	1428B_03	Walnut Creek, From Old Manor Rd upstream to D	essau Rd.	