

Attribute fields in the Segment and AU layers

SEG_ID
BASIN_ID
BASIN_NAME
SEG_NAME
SEG_CLASS
SEG_TYPE
SIZE_
SIZE_UNIT
SEG_DESCRIPTION
IR_YEAR
RETIRED_IND
RETIRED_COMMENTS_TXT
IMP_AQUATIC_LIFE
IMP_GENERAL
IMP_FISH_CONSUMPTION
IMP_PWS
IMP_OYSTER_WATERS
IMP_REC_BEACHES
IMPAIRED
FIRST_IR_YEAR

AU_ID
SEG_ID
BASIN_ID
BASIN_NAME
SEG_NAME
SEG_CLASS
SEG_TYPE
SIZE_UNIT
SEG_DESCRIPTION
AU_SIZE
AU_LOCATION_DESCRIPTION
AU_TYPE
AU_STREAM_FLOW_TYPE
AU_STREAM_FLOW_TYPE_SOURCE
AU_STREAM_FLOW_TYPE_NOTES
AU_DESCRIPTION_SOURCE
ALU_DESIGNATION
ALU_DESIGNATION_SOURCE
AU_FISHERY_TYPE
APPENDIX_D_FLG
APPENDIX_E_FLG
TABLE_5_FLG
AU_NOTES
AU_BED_SLOPE
AU_STREAM_ORDER
AU_STREAM_ORDER_NOTES
AU_BOUNDARY_CHANGE
PREVIOUS_AU_ID
IR_YEAR
RETIRED_IND
RETIRED_COMMENTS_TXT
IMP_AQUATIC_LIFE
IMP_CONTACT_REC
IMP_GENERAL
IMP_FISH_CONSUMPTION
IMP_PWS
IMP_OYSTER_WATERS
IMP_REC_BEACHES
IMPAIRED
FIRST_IR_YEAR

How are Segment and AU spatial data used?

- Integrated Report
 - Various summary reports
 - SAS Assessment Tool
- Data viewers
 - SWQM Segments viewer
 - SWQMIS Data viewer
 - Coordinated Monitoring Schedule
- Map creation
 - Presentations
- TCEQ internal staff
 - Other program areas
 - Agency website
- External entities
 - River authorities
 - Other state agencies

Description (key word) Station
 Region Segment
 Submitting Entity Collecting Entity Monitoring Type

Site Description	Station ID	Waterbody ID	Region	SE	CE	MT	24 hr DO	AqHab	Benthics	Nekton	Metal Water	Organic Water	Metal Sed	Organic Sed	Conv	Bacteria	Flow	Fish Tissue	Field	Comments
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Segment 201 Lower Red River | Map

RED RIVER BRIDGE AT SOUTHBOUND US 59 NEAR INDEX ARKANSAS 1.22 KM NORTH OF FM 2320/US 59 INTERSECTION ON TEXAS SHORE SIDE Map	10123	0201	5	WC	FO	RT									4	4	4		4	USGS ID 07337000 F Parameter (Temp)
MUD CREEK AT US 259 3.1 KM NORTH OF DE KALB Map	15319	0201A	5	RR	RR	RT									4	4	4		4	
BARKMAN CREEK 35 M EAST OF RICHMOND RD OVERPASS/FM 559 0.97 KM NW OF FM 559/HOLLY CREEK ROAD INTERSECTION 11.5 KM NW OF TEXARKANA Map	15059	0201D	5	RR	RR	RT									4	4	4		4	

Segment 202 Red River Below Lake Texoma | Map

RED RIVER DOWNSTREAM LAKE TEXOMA AT US 259 9.3 KM NORTH OF US 259/FM 114 INTERSECTION 21 KM NORTH OF DEKALB Map	10125	0202	5	GS	GS	RT											365			USGS ID 07336820
RED RIVER DOWNSTREAM LAKE TEXOMA AT US 259 9.3 KM NORTH OF US 259/FM 114 INTERSECTION 21 KM NORTH OF DEKALB Map	10125	0202	5	RR	RR	RT									4	4	4		4	
RED RIVER AT NORTHBOUND US 271 IN ARTHUR CITY 0.75 KM NORTH OF FM 197/US 271 INTERSECTION Map	10126	0202	5	GS	GS	RT											365			USGS ID 07335500
RED RIVER AT NORTHBOUND US 271 IN ARTHUR CITY 0.75 KM NORTH OF FM 197/US 271 INTERSECTION Map	10126	0202	5	RR	RR	RT									4	4	4		4	
RED RIVER AT SH 78 355 M NORTHWEST OF FANNIN CR 200/SH 78 INTERSECTION AT TEXAS STATE LINE 10 KM NORTHEAST OF CITY OF RAVENNA Map	10127	0202	4	RR	RR	RT									4	4			4	
RED RIVER 550 M DOWNSTREAM FROM DENISON DAM POWERHOUSE 7.25 KM NORTH OF DENISON 660 M UPSTREAM OF SHAWNEE CREEK Map	13684	0202	4	GS	GS	RT											365			USGS ID 07331600
RED RIVER AT SH 37 0.30 KM NORTH OF SH 37/FM 195 INTERSECTION 27.75 KM NORTH OF CLARKSVILLE Map	15779	0202	5	RR	RR	RT									4	4	4		4	
RED RIVER AT US 75 NORTH OF DENISON Map	21031	0202	4	RR	RR	RT									4	4	4		4	Flow measurement fr gauge at 13684 per F
BOIS D ARC CREEK AT FM 898/OAK HILL ROAD 1.4 KM NORTHEAST OF CITY OF WHITEWRIGHT Map	15036	0202A	4	RR	RR	RT									4	4	4		4	
BOIS D ARC CREEK AT FM 1396 NORTHWEST OF HONEY GROVE Map	20167	0202A	4	GS	GS	RT											365		365	USGS ID 07332620 F Parameter (DO/pH/C
BOIS D ARC CREEK AT FM 1396 NORTHWEST OF HONEY GROVE Map	20167	0202A	4	RR	NM	RT					12				12	12	12		12	
BOIS D ARC CREEK AT FM 409 NORTHWEST OF HONEY GROVE Map	21029	0202A	4	GS	GS	RT											365		364	USGS ID 07332622 F Parameter (DO/pH/C
BOIS D ARC CREEK AT FM 409 NORTHWEST OF HONEY GROVE Map	21029	0202A	4	RR	NM	RT					12				12	12	12		12	
BOIS D ARC CREEK AT FM 2945 IN FANNIN COUNTY Map	21706	0202A	4	RR	NM	RT					12				12	12	12		12	
BOIS D ARC CREEK AT SH 56 WEST OF DODD CITY Map	22105	0202A	4	RR	NM	RT					12				12	12	12		12	
CORNELIASON CREEK AT FM 1897/OLE AMBROSE ROAD 0.27 KM NORTH OF FM 1897/US 69 INTERSECTION 0.9 KM NORTH OF CITY OF BELLS Map	10117	0202B	4	RR	RR	RT									4	4	4		4	
PECAN BAYOU AT BLANTON CREEK CEMETERY ROAD/RED RIVER CR 2235 11.65 KM NORTH OF CITY OF BAGWELL Map	14472	0202C	5	RR	RR	RT									4	4	4		4	

Reasons for revisions to the GIS layers

- EPA approval of Texas Surface Water Quality Standards (TSWQS)
- Creation of new or revisions of Segments and AUs
- Correct spatial or attribute errors
- Consistency with TMDLs or TSWQS
- Requested by data providers
- Hydromodification of Segments or AUs

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 - SW_ADM.TCEQ_SW_SEG_LINE_WORKING_2022
 - SW_ADM.TCEQ_SW_AU_POLY_WORKING_2022
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 - GDB_ADM.TWDB_RIVER_BASINS_VW
 - Railroad
 - GDB_ADM.USCB_URBAN_AREAS
 - GDB_ADM.TXDOT_COUNTIES



1:7,095 96.6874630°W 31.9570122°N Selected Features: 2

SW_ADM.TCEQ_SW_SEG_LINE_PUBLIC

Field: Add Calculate Selection: Select By Attributes Zoom To Switch Clear Delete Copy

1 of 1,210 selected Filters: 100%

Spatial revisions for the 2022 IR

- (19) new segments
 - (4) due to hydromodification in Fort Bend County
 - (3) split to create an “above tidal” portion
 - (3) to accommodate new data
 - (2) recently-approved TSWQS Appendix D water bodies (Unclassified segments)
 - (2) recently-approved TSWQS Appendix A segments
 - (4) based on the new Appendix A segments and D water bodies (Unclassified segments)
 - (1) Segment 0615 – Angelina River/Sam Rayburn Reservoir changed from a Polygon to Line