

Water Quality Update and Data Sources for the Rio Grande

**USIBWC Citizens' Forum and
Upper Rio Grande
Basin Advisory Committee Meeting**

August 9, 2007

Nancy N. Hanks, Ph.D.

Texas Clean Rivers Program

U.S. Section, International Boundary and Water Commission



USIBWC CLEAN RIVERS PROGRAM UPPER RIO GRANDE UPDATES FOR FY 2007



Texas Clean Rivers Program

1991 TEXAS CLEAN RIVERS ACT

1998 TCEQ-USIBWC partnership

2007 Water quality data collection

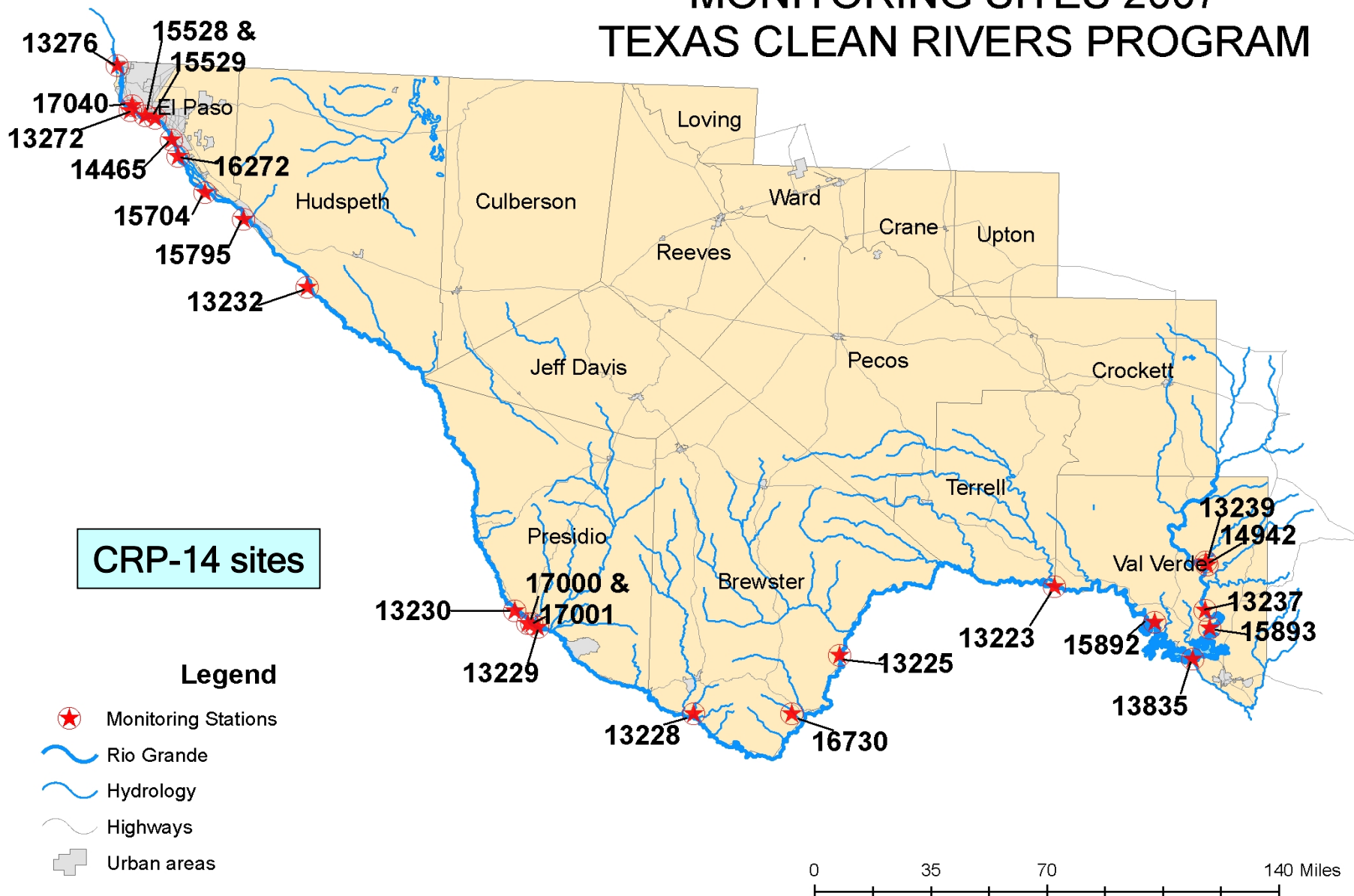
CRP--45 sites on the Rio Grande

TCEQ--38 sites on the Rio Grande

USGS--5 sites on the Rio Grande



UPPER RIO GRANDE MONITORING SITES 2007 TEXAS CLEAN RIVERS PROGRAM



Texas Clean Rivers Program

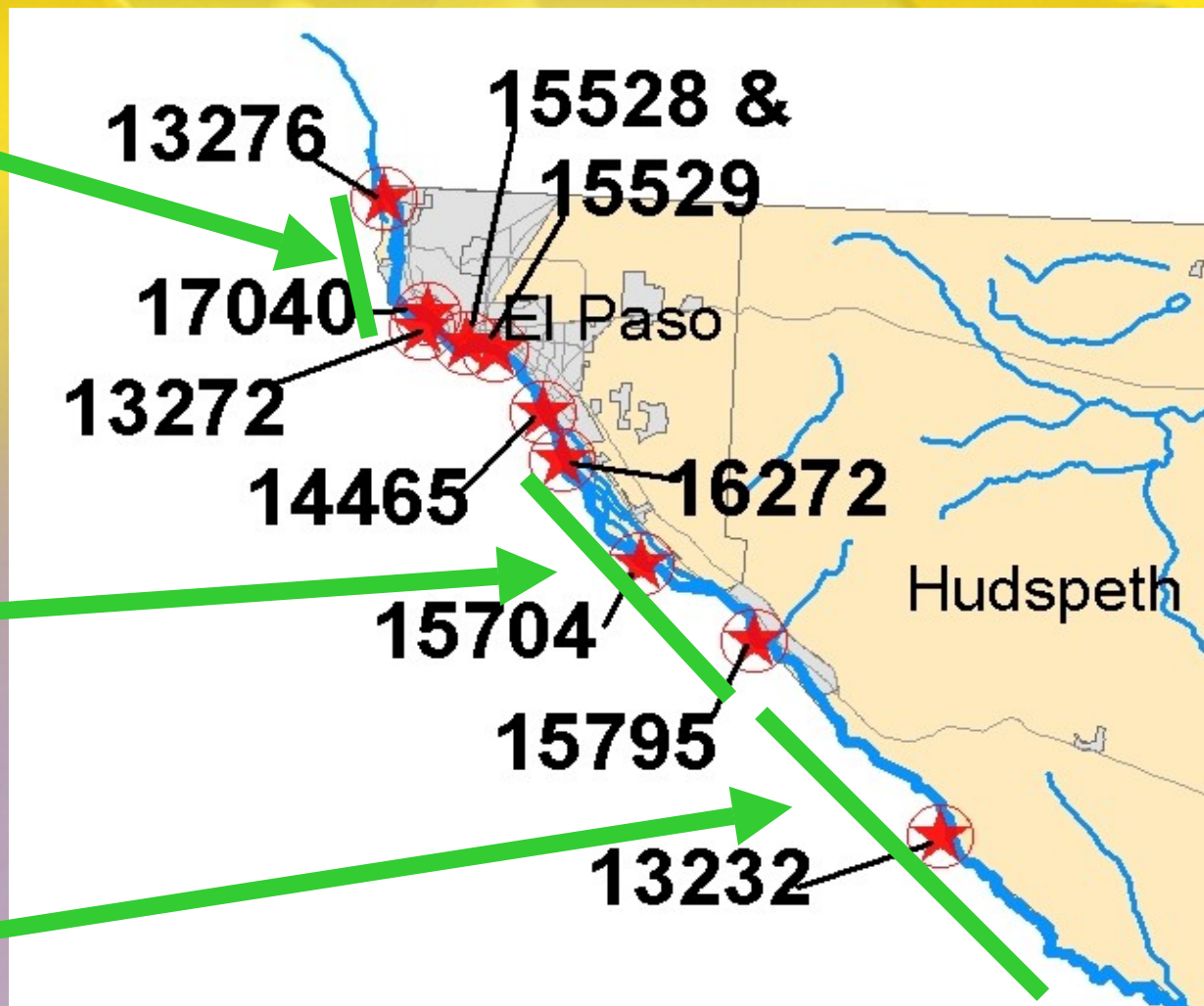
- Outreach and Education
- Special studies
 - Metals in Manadas Creek in Laredo
 - Salinity in the Rio Grande above Amistad
 - Salinity BMP in the Pecos River
 - Bacterial source tracking in Brownsville
 - Pesticides concentration in the Rio Grande Basin
- Water quality assessment
 - 5-years/10 data points
 - Texas Water Quality Standards
 - Texas Water Quality Inventory



Bacteria

Bacteria
Chloride
TDS

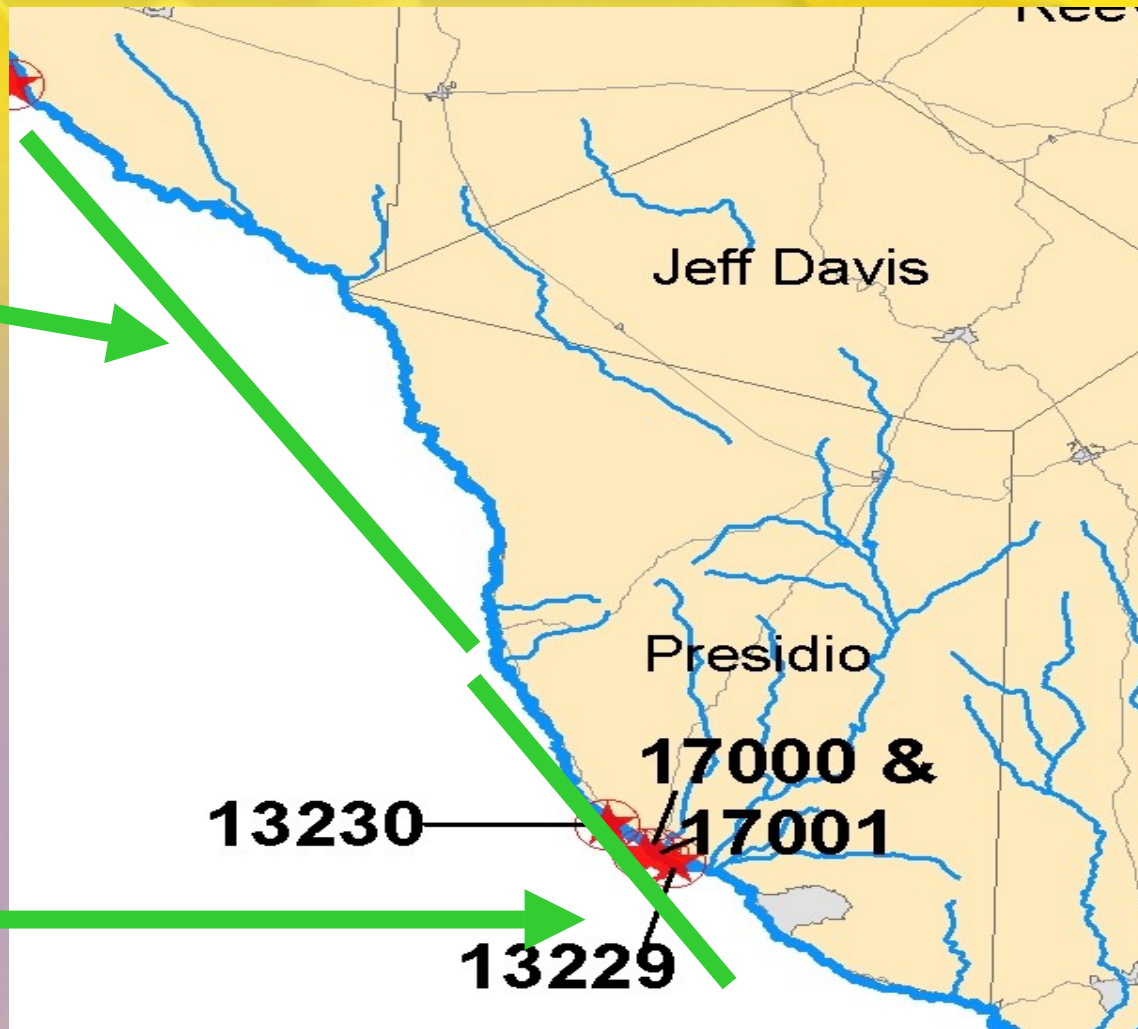
Chloride
TDS



Impairments on the 2006 Texas Water
Quality Inventory and 303(d) List

Chloride
TDS

Bacteria



Impairments on the 2006 Texas Water
Quality Inventory and 303(d) List

Program Changes

- NELAC accreditation
- Pesticides instead of metals
- Publications
 - Annual Basin Highlight Report
 - 5-year Basin Summary Report
- Website



ibwc.state.gov/Organization/Environmental/CRP/Index.htm

Texas Clean Rivers Program - Microsoft Internet Explorer

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International Boundary & Water Commission
United States and Mexico
United States Section
Est. 1889

Enter Search Keywords: Go

The Texas Clean Rivers Program

- Home
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 - Flood Control Levee Systems
 - Diversion Dams & Related Structures
 - Storage Dams (Reservoirs) / Power Plants
 - Wastewater Treatment Plants and Offices
 - TEXAS CLEAN RIVERS**
- Treaties / Minutes
- Permits / Licenses
- Water Data
- GIS / Maps
- News / Publications

In 1991, the Texas Legislature passed the Texas Clean Rivers Act (Senate Bill 818) in response to growing concerns that water resource issues were not being pursued in an integrated, systematic manner. The act requires that ongoing water quality assessments be conducted for each river basin in Texas, an approach that integrates water quality and water quantity issues within a river basin, or watershed. The Clean Rivers Program (CRP) legislation mandates that "each river authority (or local governing entity) shall submit quality-assured data collected in the river basin to the commission." "Quality assured data" in the context of the legislation means "data that complies with the commission rules for water quality monitoring programs, including rules governing the methods under which water samples are collected and analyzed and data from those samples are assessed and maintained."



Because of the international nature of the Rio Grande, the State of Texas contracted with the U.S. Section of the International Boundary and Water Commission in October 1998 to implement the CRP for the Rio Grande in its 1,254-mile international boundary section.

The goal of the CRP is to maintain and improve the quality of water within each river basin in Texas through an ongoing partnership involving the Texas Commission on Environmental Quality (TCEQ), river authorities, (Program Partners), other agencies, regional entities, local and state governments, industry, and citizens.

Internet

ibwc.state.gov/Organization/Environmental/CRP/Index.htm

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The program uses a watershed management approach to identify and evaluate water quality issues, establish priorities for corrective actions, and work to implement those actions. [Contact Texas Clean Rivers](#)



[Study Area](#)
Locate IBWC stream gages, data and other useful map information using the IBWC GIS Interactive Map page.

[Monitoring Station Data](#)
View a list by segment of monitoring stations in the Rio Grande basin. Click on the station ID number to download an Excel format file that contains all of the available water quality data for that station from 1995 to present.

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Learn about the Clean River Program Basin Advisory Committee

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1-800-262-6957

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Station ID	Station Description
13267	Red Bluff Reservoir above dam, north of Orla
13269	Red Bluff Reservoir 1/2 mile south of Texas - New Mexico border

Segment 2313 - San Felipe Creek - Tributary of the Rio grande

Station ID	Station Description
13270	San Felipe Creek at Guyler confluence with the Rio Grande
15020	San Felipe Creek at West Springs, near West Wells in Del Rio
15821	San Felipe Creek at Blue Hole flood gates in park between US90 bridge and Southern Pacific RR bridge in Del Rio

Segment 2314 - Rio Grande above International Dam

Station ID	Station Description
13272	Rio Grande at Couchesne Bridge, 1.7 mi upstream of American Dam
13276	Rio Grande upstream of East Drain
17040	Rio Grande at Anapra Bridge

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http://www.ibwc.state.gov/CRP/segment_data/13272.xls - Microsoft Internet Explorer

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Search Web

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
		Flow	Water Depth	Days Since Last Precip	Air Temp (deg C)	Water Temp (deg C)	Dissolved Oxygen (mg/l)	PH (S.U.)	Secchi Disc (m)	Fecal Coliform (#/100ml)	E. Coli	Specific Conductance (S/cm)	Chloride (mg/l)	Sulfate (mg/l)
1	Date	(ft ³ /sec)	(m)											
2	02/14/1995												180	326
3	03/08/1995					10.4	9.7	8.6		86		1190	141	302
4	05/10/1995												72	193
5	06/01/1995	1230				21		8				1110	110	210
6	06/22/1995	1440				22		8.1				945	80	180
7	07/20/1995	2520				24.5		7.8				854	96	170
8	08/16/1995												132	81
9	08/17/1995	1480				24.5		8					160	250
10	09/19/1995												299	381.5
11	09/21/1995	960				22		8				1540	190	300
12	10/19/1995	752				16		8.1				1290	130	260
13	11/15/1995					15.1	9.1	8.1	59	237		2010		
14	11/30/1995	174				13.5		8.3				2380	330	460
15	12/02/1995	176		>7		9.8	9.7	8.1				2500	346	497
16	12/14/1995					8		8.2				2500	360	500
17	01/04/1996					6.67	10.3	8.1		70		2640	420	515
18	01/11/1996					6.67	10.3	8.1		70		2340	380	541
19	01/18/1996					5.56	10.8	8.2		470		1550	200	291

BOD 1-00 to 5-06 / DO / Fecal / ECCL1 / Sheet 1 /

Unknown Zone

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- Anthropogenic
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- Hydrogeology
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URL: Website/IBWC/ Last Update: February 2007 | [Main Index](#) | [Comments and Suggestions](#) | [Disclaimer](#)

Map: 104.21, 29.5 Image: 4/4, 342 Scale: 0.02596/40331452/134

Start Novell G... Microsof... Internati... 01:48 PM

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Zoom

Map

Layers

Scale Information

Out

Scale ~ 1:2,379,385

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Map: 100.06, 51.15 -- Images: 486, 336 -- ScaleFactor: 0.0055078046612042

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Monitoring Site Query - Microsoft Internet Explorer

Monitoring Site Query

[Close Window](#)

Layer: Current_water_quality_monitoring

RIO GRANDE UPSTR HASKELL WWTP: ["http://www.ibwc.state.gov/CRP/segment_data/115530.xls"](http://www.ibwc.state.gov/CRP/segment_data/115530.xls)

RIO GRANDE AT COURCHESNE BRDG: ["http://www.ibwc.state.gov/CRP/segment_data/13272.xls"](http://www.ibwc.state.gov/CRP/segment_data/13272.xls)

RIO GRANDE AT ANAPRA BRIDGE: ["http://www.ibwc.state.gov/CRP/segment_data/17040.xls"](http://www.ibwc.state.gov/CRP/segment_data/17040.xls)

Layer: Infrequent_water_quality_monitoring

RIO GRANDE AT SANTA FE BRIDGE: Data not available.

Layer: Real_time_flow_gage

Rio Grande at El Paso: ["http://www.ibwc.state.gov/wad/364000_a.txt"](http://www.ibwc.state.gov/wad/364000_a.txt)

Rio Grande below American Dam: ["http://www.ibwc.state.gov/wad/365000_a.txt"](http://www.ibwc.state.gov/wad/365000_a.txt)

American Canal Diversion: ["http://www.ibwc.state.gov/wad/364500_a.txt"](http://www.ibwc.state.gov/wad/364500_a.txt)

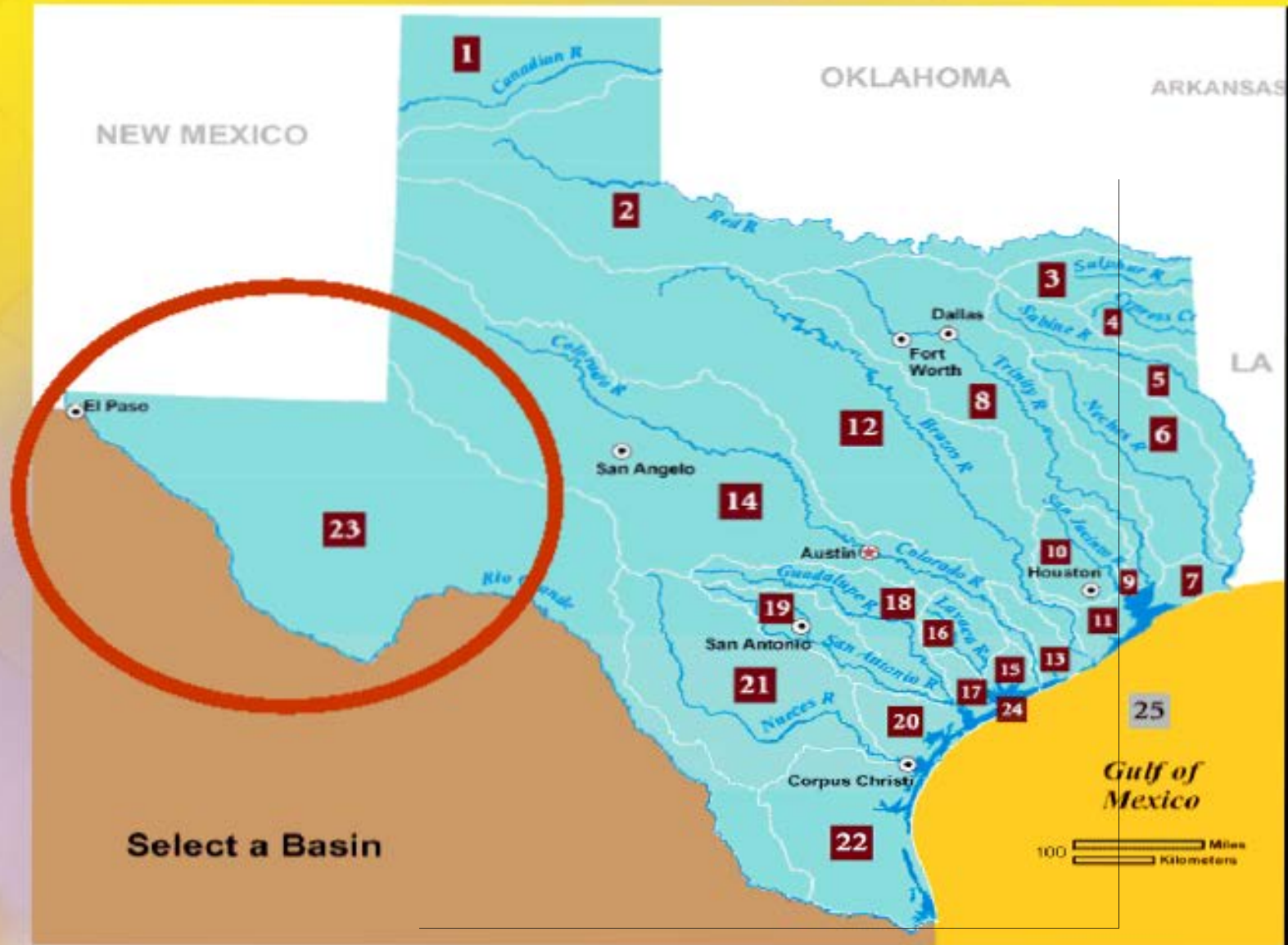
Done with your selection for the following area:

-106.57363308150241,31.82040720887688,-106.44222395587405,31.722407182984536

Page Contact Information: webmapping@usgs.gov

TCEQ

cms.lcra.org



TCEQ

cms.lcra.org

Coordinated Monitoring Schedule - Microsoft Internet Explorer

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Address <http://cms.lcra.org/schedule.asp?basin=23&FY=2008> Go Links

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CRP SCHEDULE HOME River Basins: 23 FY: 2008 Log In

(hold down CTRL to select more than one):

Description (key word) Station Region Segment Source 1 Source 2 Program

6 7 15 2301 2302 2303 IB WC BB FO GS MI

Legend
Special Projects
Map
Submit Query

Site Description	Station	Region	Source 1	Source 2	Program Code	24hr DO	AqHab	Benthics	Nekton	Metal Water	Organic Water	Metal Sed	Organic Sed	Conv	Amb Tox Water	Amb Tox Sed	Bacteria	Fl
Segment 2301 Rio Grande Tidal Map Hide/Show Header Bar																		
RIO GRANDE TIDAL AT SH 4 NEAR BOCA CHICA Map	13176	15	IB	UB	RT									2	4		4	
RIO GRANDE AT SABAL PALM SANCTUARY AT NORTHEAST BOUNDARY OFF PARK ROAD APPROX. 1MI SOUTH OF FM1419 NEAR PALM GROVE Map	16288	15	IB	SP	RT									2	4		4	
Segment 2302 Rio Grande Below Falcon Reservoir Map Hide/Show Header Bar																		
RIO GRANDE 6.3 KM DOWNSTREAM FROM SAN BENITO PUMPING PLANT, 15.3 KM SW OF SAN BENITO Map	10249	15	WC	FO	RT									4			4	
RIO GRANDE EL JARDIN PUMP STATION, AT LOW WATER DAM 300 FT. BELOW INTAKE Map	13177	15	IB	IS	RT									2	6		6	
RIO GRANDE EL JARDIN PUMP STATION, AT LOW WATER DAM 300 FT. BELOW INTAKE Map	13177	15	WC	FO	RT									4			4	
RIO GRANDE EL JARDIN PUMP STATION, AT LOW WATER DAM 300 FT. BELOW INTAKE Map	13177	15	WC	GS	RT					8	8	8		6				
RIO GRANDE NEAR RIVER CREEK BOAT RAMP APPROXIMATELY 1 MI. WEST OF BROWNSVILLE ON US 291 Map	13179	15	IB	UB	RT									2	4		4	
RIO GRANDE INTERNATIONAL BRIDGE AT US 291 AT HIDALGO Map	13181	15	IB	IS	RT									2	6		6	
RIO GRANDE AT SH 886 NEAR LOS ERANOS Map	13184	15	IB	IS	RT									2	7		7	
RIO GRANDE AT FORT RINGOLD 1 MI. DOWNSTREAM FROM RIO GRANDE CITY Map	13185	15	IB	IS	RT									2	12		12	

Internet

Enviromapper for Water


epa.gov/waters/enviromapper

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EnviroMapper for Water

NEW! VERSION 3.0

[What's new in Version 3.0?](#) [Training Exercise](#) [Video Demo](#)

Welcome to EnviroMapper for Water! EnviroMapper for Water is a web-based Geographic Information System (GIS) application that dynamically displays information about bodies of water in the United States. This interactive tool allows you to create customized maps that portray the nation's surface waters along with a collection of environmental data. Click on the graphic to the left to generate maps using EnviroMapper for Water!

The application can be used to view environmental information from the national level down to community level (within one mile), and provides the ability to pan, zoom, label and print maps. You can also link to text reports after identifying a specific waterbody of interest. Have you always wondered about the health of a river near where you live? Now you can find out by creating a map using EnviroMapper for Water.


About WATERS

- Overview
- Geography
- Architecture





Tools

- Data
- Documents
- Reporting

EnviroMapper for Water



MAP FEATURES

DISPLAY	LABEL ALL	ACTIVE		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Impaired Waters
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Water Quality Standards
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Assessed Waters
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Beaches

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EPA United States Environmental Protection Agency **EnviroMapper for Water** Feedback EM Home

MAP FEATURES

☐ **DISPLAY**

☐ **LABEL ALL**

☐ **ACTIVE**

☐ [Interstates](#)

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☐ [Congressional Districts](#)

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☒ [States](#)

☐ [Impaired Waters Areas](#)


☐ [Water Quality Standards](#)

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☐ [Sewage No Discharge Zones](#)

☐ [Nonpoint Source Projects](#)



5544 Miles Wide (National)

First time users are encouraged to click on the Help Button (just below the map) to display information on EnviroMapper features and map controls.

Click on map to:

☒ [Zoom In](#)

☐ [Zoom to View](#)

☐ [Recent Map](#)


☐ [Show Location](#)

☐ [Identify Active Feature](#)

☐ [Add](#)

[Zoom To Area Menu](#)

☒ **Locator Map**



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Y! Search Web Mail My Yahoo! Mobile Travel

Click on the **Zoom To Selected Area** button to zoom to:

☐ the State of:

☐ a County within the state of:

☐ a City within the state of:

☐ a Hydrologic Cataloging Unit within the state of:

☐ a ZIP Codes (5 digits):

☐ an EPA Region:

☐ a National Estuary Program:

☐ an Aggregate Ecoregion:

☐ a Level III Ecoregion:

☐ an Area Centered at Latitude and Longitude:
(in Degree° Minute' Second" format)

State
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming

Select EPA Region

Select National Estuary Program

Select Aggregate Ecoregion

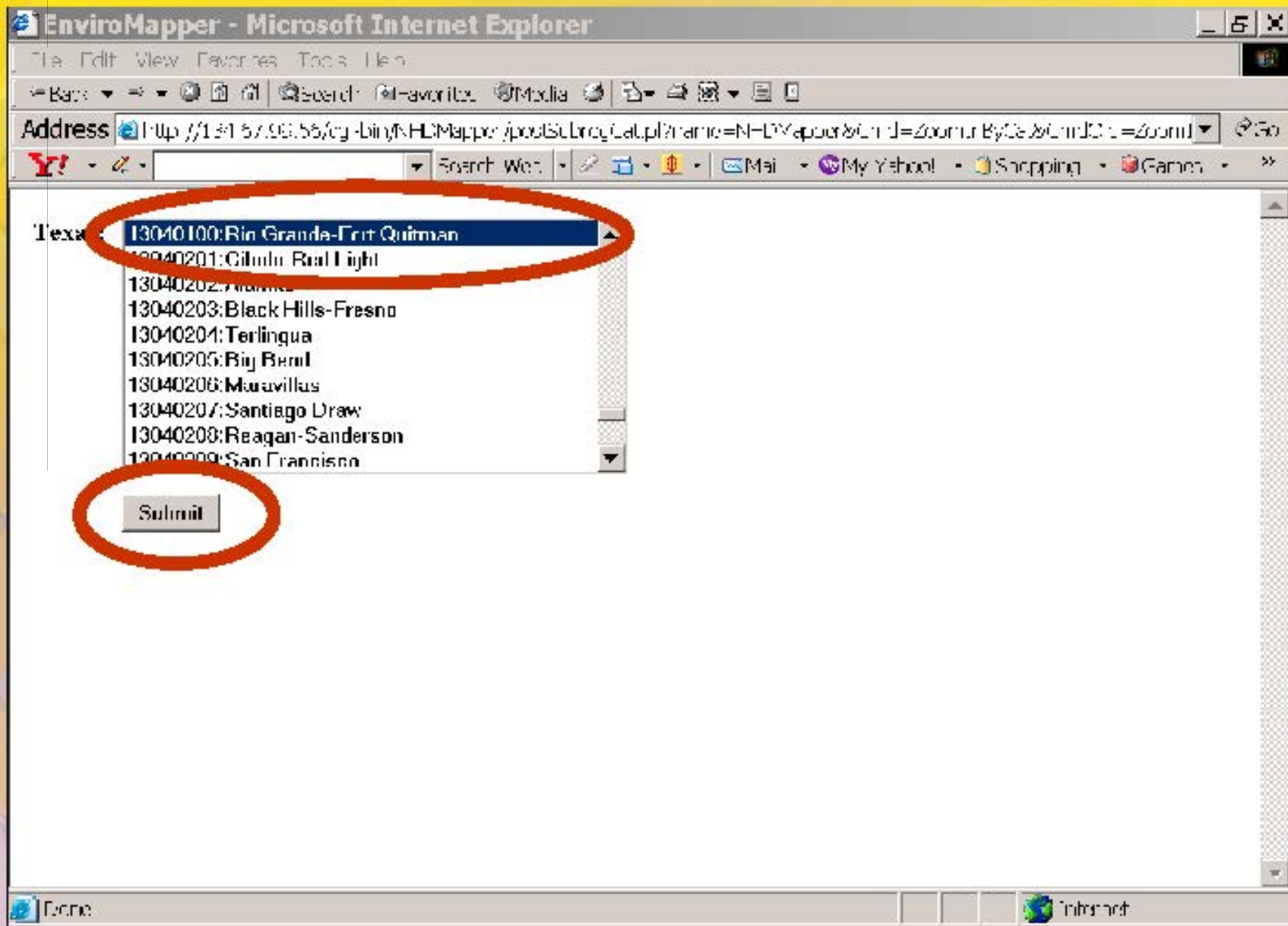
Please select a Level III Ecoregion

Latitude: DD MM SS.SS"
Longitude: -DDD MM SS.SS"

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Feedback EM Home

Display

- ☐ > Facilities
 - ☐ ☐ Clean Watersheds Needs
 - ☐ Community Landmarks
 - ☐ ☐ Nutrient Stations
- ☐ > Water Quality Solutions
 - ☒ ☒ Sludges
 - ☐ ☐ Railroads
 - ☐ ☐ AP Codes
 - ☐ National Estuary Programs
 - ☐ Congressional Districts
 - ☐ ☐ Federal Lands
 - ☐ ☐ Watersheds
 - ☐ ☐ Tribal Lands
- ☐ > Aggregate Ecoregions
- ☐ > Level II Ecoregions
- ☐ ☐ Boundaries
 - ☒ ☒ Sludges
- ☒ > Surface Waters
 - ☒ ☒ Impaired Waters
 - ☐ ☐ Water Quality Standards
 - ☐ ☐ Watershed Waters
- ☐ > Estuaries
- ☐ ☐ Special Use Designated Zones
- ☐ ☐ Import Source Projects



Update Map | 11 Miles Wide (Local) | 1 x 1

Impaired Waters features:

TX-2317 ☐

program features located at click point:

Assessed Waters

TX21405 ☐

Click on map to:

- ☐ Zoom In
- ☐ By 2X
- ☐ Zoom to view
- ☐ Local
- ☐ Recenter Map
- ☐ Flare Location
- ☐ Identify Active Feature
- ☐ Add ☐ Active Feature Label

Multi color Menu

Zoom To Area Menu

New Mexico

Texas

Start New Map

North Arrow

Scale 1:100,000

Available Map

Enviromapper for Water

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U.S. Environmental Protection Agency

Total Maximum Daily Loads

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Listed Water Information

CYCLE : 2004

Click [here](#) to see metadata for this report

Cycle: 2004 State: TX List ID: X-2307

Waterbody Name: RIO GRANDE BELOW RIVERS DE DIVERS ON DAM

State Basin Name: =

Listed Water Map Link: [WAP 303\(d\)](#)

Other Impaired Water 303(d) List Information

The most current report available for this water body is 2004.

Data are also available for these years: [2002](#) [2000](#) [1990](#) [1988](#)

Comments:

State List IDs:

Cycle	State List ID
2000	TX-2307
2002	TX-2307
2004	TX-2307

State Impairments:

State Impairment	Recent Impairment	Priority	Rank	Targeted Flag	Anticipated TMDL	Submitted
------------------	-------------------	----------	------	---------------	------------------	-----------

Window to My Environment

epa.gov/enviro//wme/

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Window to My Environment

"Window To My Environment" (WME) is a powerful web-based tool that provides a wide range of federal, state, and local information about environmental conditions and features in an area of your choice. This application is provided by U.S. EPA in partnership with federal, state and local government, and other organizations.

After choosing your location to the left, WME will provide the following:

- **Interactive Map** - shows the location of regional facilities, monitoring sites, water bodies, population density, perspective topographic views and more with hotlinks to state/federal information of your interest.
- **Your Window** - provides selected geographic statistics about your area of interest, including estimated population, county/urban area, demographics, watersheds/water bodies, etc.
- **Your Environment** - links to information from state, and local partners on environmental issues such as air and water quality, watershed health, Superfund sites, fish advisories, impaired waters, etc.


By Zip or City **By Latitude/Longitude**

To get started, please enter a ZIP code or city/town and state in the spaces provided below.

Internet

Window to My Environment

epa.gov/enviro//wme/



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WME Home
EM Storefront


U.S. Environmental Protection Agency

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Window to My

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- **Your Window** - provides selected geographic statistics about your area of interest, including estimated population, county/unincorporated areas, local watersheds/water bodies, etc.
- **Your Environment** - links to information from state and local partners on environmental issues, air and water quality, watershed health, Superfund sites, fish advisories, impaired waters, as well as services working to protect the environment in your area.

We would like to know what you think of the information presented here and what additional issues you would like addressed. To provide information or links, send us EnvironmentalGroup@epamail.epa.gov

By Zip or City **By Latitude/Longitude**

To get started, please enter a ZIP code or city/town and state in the appropriate field below.

ZIP Code: **OR**

City/Town:

AND State:

Window to My Environment

epa.gov/enviro//wme/

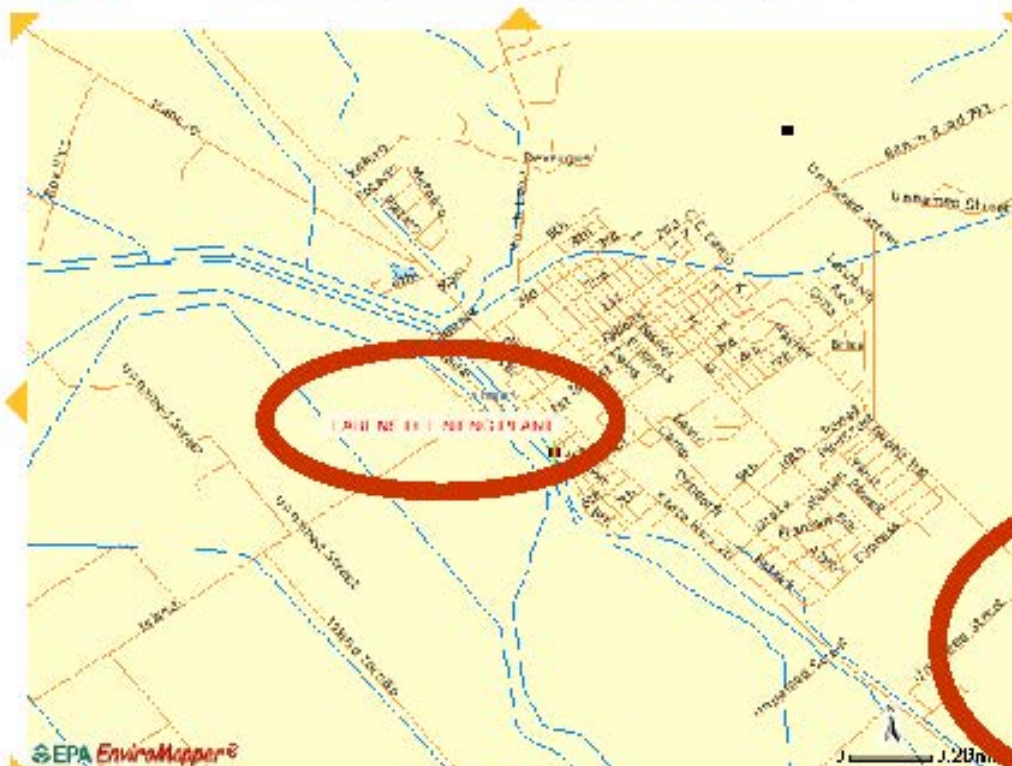


U.S. Environmental Protection Agency

Window to My Environment

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[EPA Home](#) > [Where You Live](#) > [Window to My Environment](#) > Mapping Results



Your Window | Your Environment

As you move around the map window, you will see a variety of information on the right-hand side.

Community (Town, State)	Lubbock, TX
County(s)	Dallas, TX
Congressional District(s)	15(TX)
Urban area	None

Watershed(s)	Red River, Fort Worth, Texas
Waterbody(s)	Lake

Map Features

Regulated Sites

- ☒ Multi-media releases
- ☒ Air quality
- ☒ Environmental
- ☒ Water discharge
- ☒ Air emissions
- ☒ Hazardous waste

Places

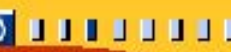
Transportation

Water features

Political boundaries

Air monitors

Zoom In



Zoom Out

Change background

Star View

LUBBOCK, TEXAS

Window to My Environment

epa.gov/enviro//wme/

Facility Information

<u>FACILITY NAME:</u>	FABENS DELINT NO PLANT	<u>NPDES:</u>	<u>TX0052081</u>
<u>STREET 1:</u>	410 FREIDMAN STREET	<u>PERMIT SUBJECT DATE:</u>	OCT-21-2005
<u>CITY:</u>	FABENS	<u>PERMIT EXPIRED DATE:</u>	SEP-30-2010
<u>STATE:</u>	TX	<u>SIC CODE:</u>	0723 CROP PREPARATION SERVICES FOR MARKET, EXCEPT COTTON GINNING
<u>ZIP CODE:</u>	79938	<u>MAPPING INFO:</u>	MAP
<u>COUNTY NAME:</u>	EL PASO		
<u>REGION:</u>	6		
<u>MAILING NAME:</u>	WAYNE ROBERT JOHNSON		

List of Permitted Discharges

<u>PIPE NUMBER</u>	<u>REPORT DESIGNATOR</u>	<u>PIPE SET QUALIFIER</u>	<u>PIPE DESCRIPTION</u>	<u>PARAMETER CODE</u>	<u>PARAMETER DESCRIPTION</u>
001	A	9	PROCESS WASTEWATER - 001	00410	PH
001	A	9	PROCESS WASTEWATER - 001	00555	OIL AND GREASE FROM EXTRA-GRAVIMETRI
001	A	9	PROCESS WASTEWATER - 001	00940	CHLORIDE (AS CL ⁻)
001	A	9	PROCESS WASTEWATER - 001	00945	SULFATE, TOTAL (AS SO ₄ ²⁻)
001	A	9	PROCESS WASTEWATER - 001	50050	FLOW IN CONDUIT OR THRU TREATMENT PLANT
001	A	9	PROCESS WASTEWATER - 001	70255	SOLIDS, TOTAL DISSOLVED

STORET Web site

epa.gov/storet



STORET

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[EPA Home](#) > [Water](#) > [Wetlands, Oceans, & Watersheds](#) > [Monitoring and Assessing Water Quality](#) > STORET

Welcome to STORET, EPA's largest computerized environmental data system.

STORET (short for STOrage and RETrieval) is a repository for water quality, biological, and physical data and is used by state environmental agencies, EPA and other federal agencies, universities, private citizens, and many others. Take a minute to browse around our site or click on the water drop to retrieve monitoring data!



Features

[Download Data](#)

[Waterbody Summary](#)

[WQX](#) - Information about the Future of STORET

[Tribal Water Quality](#)

[2007 Users Conference](#)

[SIM Software](#)

[Fact Sheets](#)

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About STORET

Data Owner's Corner

Updates/Downloads

Obtaining Water Quality Data

Useful Internet Links

Commonly Asked Questions

Recent Additions

STORET Web site

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Address <http://epa.gov/storet/dbtop.html> Go

Questions

Recent Additions

STORET Legacy Data Center

Data supplied to EPA before 1999 were all placed in Legacy STORET. This system, designed in the 1960s, was a pioneer in the long term archival of field water monitoring results.

The Legacy Data Center contains data of undocumented quality. Further, these data are static. The Legacy Data Center does not permit updates, and data here will not change over time. All new data are being entered into Modernized STORET. Because the data do not change over time, it is never necessary to repeat a specific download.

Browse or Download Legacy STORET Data

Modernized STORET

All data supplied to EPA since January 1, 1999 have been placed in the Modernized STORET System. A full description of the design of this system can be examined on our [ABOUT STORET](#) page.

Modernized STORET is currently receiving new data on a regular basis, and will continue to do so for the foreseeable future. Downloads performed for the same sites may differ over time as a result of the addition of new data by their owners.

Browse or Download Modernized STORET Data

NOTE:
All data owned by STORET Agency "112WRD" (the United States Geological Survey) have been removed from the STORET Legacy Data Center (LDC). In the future, STORET will no longer maintain the "112WRD" USGS data on the STORET Legacy Data Center (LDC).

Internet

STORET Web site

epa.gov/storet

EPA > STORET > Database Access > STORET Central Warehouse - Microsoft Internet Exp...

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Recent Additions

STORET Warehouse Watershed Summary
[Summary of Results by Watershed](#)

STORET Station Descriptions
[Stations by Geographic Location](#)
[Stations by Organization and Station ID](#)

STORET Regular Results
(Non-Biological Physical and Chemical Result Data)
[Regular Results by Geographic Location](#)
[Regular Results by Station](#)
[Regular Results by Project](#)

STORET Biological Results
[Biological Results by Geographic Location](#)
[Biological Results by Station](#)
[Biological Results by Project](#)

STORET Habitat Results
[Habitat Results by Geographic Location](#)

What's New with the STORET Data Warehouse?
This page offers information about the recent changes made to STORET Warehouse.

How to Query and Download Data
This exercise gives step by step instructions on how to generate, download, export (to Microsoft Excel or Access), and analyze a data query from the STORET Data Warehouse as well as the new Watershed Summary.
* Adobe Acrobat® Reader required.

Make a Map
Create a map of monitoring locations from STORET using either [EnviroMapper for Water](#) or [Window to My Environment](#).

Data Logger Results
Download a delimited text file of results reported to STORET from Automated Data Loggers. These results, which cannot yet be downloaded via the query options at the left, will be in the form of a self-extracting compressed file (450K) which may be saved on disk and will expand when executed. In its uncompressed form, this file requires 14.8 MB of disk space.

Internet

STORET Web site

epa.gov/storet

EPA > STORET > Watershed Summary - Microsoft Internet Explorer

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Address <http://aspub.epa.gov/WatershedSummaryUI/watershed.do> Go

Results by Watershed

Drainage Basin/HUC

13030102 - El Paso-Las Cruces.

Search By

☒ Organization ☐ Characteristic Type

Query

1 Organizations, 14 Stations, 261 Characteristics, 9,948 Results

Organization
<input type="radio"/> All Organizations of the Watershed
<input checked="" type="radio"/> 21NMEK - NM Environmental Dept/ISWGB 05/17/2000 - 11/18/2004 (9948) Records

- [14 Stations](#)
- [3598 Metal](#), [178 Microbiological](#), [388 Nutrient](#), [2677 Other](#), [144 PCB](#), [1521 Pesticide](#), [1097 Physical](#), [345 Radiation](#),

Get Results

STORET Web site

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EPA > STORET > Result Search Summary - Microsoft Internet Explorer

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Result Search Summary (stormod_)

Number of Results Returned: 9,948

Search Criteria

HUC: 13030102

Organization: 21NMEX

Select 'Back' to modify search parameters and refine your query.
Select Batch Processing to generate the report offline based on your current selections.
You may customize the content of your report by selecting Data Elements below.

Please enter your email address:

Please specify three characters to prefix your report name :

Batch Processing

Note: Downloads will exceed maximum limits for spreadsheet applications (ie. EXCEL - Worksheet size 65,535 Rows.)

STORET Web site

epa.gov/storet

Data_NMX_20070705_172557_RegResults.txt - Notepad											
Org Name	Station ID	State	County	HUC	Generated	HUC	Station Latitude	Station Longitude	Station Horiz	Station Vert	Station Elev
4~106.82611~NAD83	~1	~38216.72222	~2004-08-17 17:20:00~MDT~Water~Field Msr/Obs~Routine Msr/C								
DNM Environmental Dept./SWQB~42RGRAND001.1	~NEW MEXICO~DONA ANA~13030102~13030102~31.999448~										
ater~Sample	~Field Replicate/Duplicate~1~Boron~Total~Actual	~0.2000	~mg/l	~							
42RGRAND001.1	~NEW MEXICO~DONA ANA~13030102~13030102~31.999448~106.63528~NAD83	~1	~2360181								
icate~1~Uranium~Total~Actual	~0.0060	~mg/l	~USEPA	~200.8(w)	DNM Envir						
99448~106.63528~NAD83	~1	~2360181	~2004-03-16 10:30:00~MDT~Water~Sample	~Field Rep							
~USEPA	~200.8(w)	DNM Environmental Dept./SWQB~42RGRAND001.1	~NEW MEXICO~DONA ANA~130301								
~2004-03-16 10:30:00~MDT~Water~Sample	~Field Replicate/Duplicate~1~Magnesium~Total~Actual										
vironmental Dept./SWQB~42RGRAND084.8	~NEW MEXICO~DONA ANA~13030102~13030102~32.478059~106.91944~NA										
~Heptachlor epoxide~Total~Actual	~*Non-detect	~USEPA	~8270B(w)	DNM Environment							
~2004-11-16 08:20:00~MDT~Water~Sample	~Routine Sample~Vanadium~Total~Actual	~0.0020									
A~13030102~13030102~32.478059~106.91944~NAD83	~1	~2364883	~2004-08-04 09:00:00~MDT~Water								
USEPA	~8270B(w)	DNM Environmental Dept./SWQB~42RGRAND084.8	~NEW MEXICO~DONA ANA~1303010								
Routine Sample~Endosulfan Sulfate~Total~Actual	~*Non-detect	~USEPA	~8270B(w)								
W MEXICO~DONA ANA~13030102~13030102~32.478059~106.91944~NAD83	~1	~2364883	~2004-08-04 09								
~200.8(w)	DNM Environmental Dept./SWQB~42RGRAND044.2	~NEW MEXICO~DONA ANA~13030102~13030102~									
~Molybdenum~Total~Actual	~0.0060	~mg/l	~USEPA	~200.8(w)	DNM Environment						
~2004-11-16 08:20:00~MDT~Water~Sample	~Routine Sample~Iron~Total~Actual	~*Non-detect									
.478059~106.91944~NAD83	~1	~2364883	~2004-08-04 09:00:00~MDT~Water~Sample	~Routine							
mental Dept./SWQB~42RGRAND084.8	~NEW MEXICO~DONA ANA~13030102~13030102~32.478059~106.91944~NAD83										
1,2-Dichlorobenzene~Total~Actual	~*Non-detect	~USEPA	~8270B(w)	DNM Environmental							
83	~1	~2364883	~2004-08-04 09:00:00~MDT~Water~Sample	~Routine Sample~Dinitro-o-cr							
t./SWQB~NM0020010	~NEW MEXICO~DONA ANA~13030102~13030102~32.66667~107.15667~NAD83	~1	~2								
~USEPA	~200.8(w)	DNM Environmental Dept./SWQB~NM0020010	~NEW MEXICO~DONA ANA~13030								
outine Sample~Boron~Dissolved~Actual	~0.4	~mg/l	~USEPA	~200.7(w)							
~1	~2364884	~2004-08-04 09:00:00~MDT~Water~Sample	~Routine Sample~Pcb-aroclor 1254								
ND044.2	~NEW MEXICO~DONA ANA~13030102~13030102~32.310004~106.82611~NAD83	~1	~2365126	~2							
A	~200.7(w)	DNM Environmental Dept./SWQB~42RGRAND044.2	~NEW MEXICO~DONA ANA~13030102~13								
tine Sample~Antimony~Total~Actual	~*Non-detect	~USEPA	~200.8(w)	DNM Environmer							
083	~1	~2364883	~2004-08-04 09:00:00~MDT~Water~Sample	~Routine Sample~Chlorophenc							
~42RGRAND084.8	~NEW MEXICO~DONA ANA~13030102~13030102~32.478059~106.91944~NAD83	~1	~2364883								
A	~8270B(w)	DNM Environmental Dept./SWQB~42RGRAND084.8	~NEW MEXICO~DONA ANA~13030102~13								
~Routine Sample~Selenium~Dissolved~Actual	~*Non-detect	~USEPA	~270.2	DNM E							
NAD83	~1	~200000702	~2000-05-17 09:05:00~MDT~Water~Sample	~Routine Sample~Silicon							
M0020010	~NEW MEXICO~DONA ANA~13030102~13030102~32.66667~107.15667~NAD83	~1	~200000702								
~*Non-detect	~USEPA	~200.7(w)	DNM Environmental Dept./SWQB~NM0020010	~NEW MEXI							
OT~Water~Sample	~Routine Sample~BHC-gamma (Lindane)~Total~Actual	~*Non-detect	~USEPA								

Questions?

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www.ibwc.state.gov/Organization/Environmental/CRP/Index.htm

