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TEXAS COMMISSION
ON ENVIRONMENTAL QUALITY

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swqm@tceq.texas.gov

Surface Water Quality Monitoring

The TCEQ's program to evaluate physical, chemical, and biological characteristics of aquatic systems as a basis for effective policy.

The TCEQ monitors the quality of surface water to evaluate physical, chemical, and biological characteristics of aquatic systems. Water quality is monitored in relation to human health concerns, ecological condition, and designated uses. SWQM data provide a basis for effective policies that promote the protection, restoration, and wise use of surface water in Texas.

~~NOV~~ Draft 2010 Clean Water Act (CWA) Sections 305(b) and 303(d) Integrated Report

Featured Items:

- » **Advisory Work Group for Surface Water Quality Assessment Guidance**
Meeting notices, handouts, agendas and attendees.
- » **Newsletter: The Surface Water Quality Monitor**
A quarterly newsletter focusing on issues related to monitoring and protecting surface water quality
- » **Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d)**
Formerly called the "Texas Water Quality Inventory and 303(d) List," the Integrated Report evaluates the quality of surface waters in Texas, and provides resource managers with a tool for making informed decisions when directing agency programs.
- » **Continuous Water Quality Monitoring Stations and Data**
Information about TCEQ continuous water quality monitoring stations, data, locations, and photos of monitoring sites.
- » **Coordinated Monitoring of Surface Water**
Latest available schedules, instructions, strategy, and fact sheets about coordinated monitoring of surface water quality in Texas.
- » **Texas Water Data**
An index of data available about surface water quality

Related Categories:

- » **Managing Surface Water Quality Data**
Information about managing surface water quality data, including forms and checklists, team and contact information, and reference guides.
- » **Water Quality Data and Reports**
Data on drought conditions, river basin water availability and surface water quality.

Topics Under This Category:

- » **Advisory Work Group for Surface Water Quality Assessment Guidance**
Meeting notices, handouts, agendas and attendees.
- » **Continuous Water Quality Monitoring Stations and Data**
Information about TCEQ continuous water quality monitoring stations, data, locations, and photos of monitoring sites.



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Continuous Water Quality Monitoring Stations and Data

Information about TCEQ continuous water quality monitoring stations, data, locations, and photos of monitoring sites.

The TCEQ continuously monitors water quality parameters at stations in selected watersheds throughout Texas. Data is transmitted to TCEQ and is reported at "near real time." Data from these monitors is not instantaneously available, but is posted on the web pages as soon as the data is received and processed. The data is preliminary until validated by agency staff.

- [Stations Information and Data by River Basin](#)
- [Quality Assurance, Project Plans, and Procedures](#)
- [Continuous Water Quality Monitoring Network Pending Projects \(PDF. Help with PDF\)](#)
- [Proposing a Project for the Continuous Water Quality Monitoring Network](#)

Quality Assurance, Project Plans, and Procedures

All TCEQ CWQMN stations are operated according to the EPA approved CWQMN Quality Assurance Project Plan (QAPP) or a project specific quality assurance plan.

- [Quality assurance plans are provided in PDF. \(Help with PDF\)](#)
 - [TCEQ Continuous Water Quality Monitoring Network QAPP \(March 2011\)](#)
 - [Guadalupe River Basin Network QAPP \(May 2011\)](#)
 - [Onion Creek Recharge Project QAPP \(November 2009\)](#)
 - [Edwards Aquifer Authority Continuous Water Quality Monitoring Salado Creek Watershed QAPP \(November 2009\)](#)
 - [Cow Creek Groundwater Conservation District Continuous Groundwater Monitoring Network QAPP \(June 2011\)](#)
- [Project Plans](#)
- [Standard Operating Procedures](#)
- **CWQMN Network Coordinator:**

Charles "Chuck" Dvorsky
Water Quality Planning/Monitoring and Assessment
512-239-5550
cdvorsky@tceq.texas.gov

<u>717</u>	Colorado River Pump Station C717	Colorado River	Colorado City	Colorado River	Colorado River Municipal Water District
<u>727</u>	Onion Creek Low Water Dam C727	6655 FM 967	Buda	Colorado River	Barton Springs/Edwards Aquifer Conservation District
<u>770</u>	Onion Creek at Antioch Cave C770	Cole Spring Rd.	Buda	Colorado River	Barton Springs/Edwards Aquifer Conservation District
<u>741</u>	Geronimo Creek at SH 123	7175 N State Highway 123	Seguin	Guadalupe River	Guadalupe-Blanco River Authority
<u>745</u>	Jacobs Well Spring C745	101 Woodacre	Wimberley	Guadalupe River	USGS for TCEQ
<u>763</u>	Plum Creek at Old McMahan Rd(CR202) C763	Plum Creek at CR202 SE of Lockhart	Lockhart	Guadalupe River	Guadalupe-Blanco River Authority
<u>775</u>	Cordillera Ranch Well C775	103 Rio Cordillera	Boerne	Guadalupe River	Cow Creek Groundwater Conservation District
<u>776</u>	Spring Creek Estates Well C776	113 Silent Spring	Boerne	Guadalupe River	Cow Creek Groundwater Conservation District
<u>777</u>	Twin Canyon Ranch Well C777	550 Summit Trail	Boerne	Guadalupe River	Cow Creek Groundwater Conservation District
<u>778</u>	Rust Road TWDB Well C778	Rust Road	Boerne	Guadalupe River	Cow Creek Groundwater Conservation District
<u>779</u>	City of Boerne at Esser Rd. Well C779	312 Esser Rd.	Boerne	Guadalupe River	Cow Creek Groundwater Conservation District
<u>780</u>	KCUC at Mission Well C780	88 Doeskin Dr.	Boerne	Guadalupe River	Cow Creek Groundwater Conservation District
<u>797</u>	Cypress Creek at Blanco River C797	308 Loma Vista C.R. 281	Wimberly	Guadalupe River	Guadalupe-Blanco River Authority
<u>711</u>	USGS Medina Rv nr Macdona C711	USGS Gage 08180700 near Loop 1604	Macdona	San Antonio River	USGS; sponsored by Bexar Metropolitan Water District
<u>713</u>	USGS Leon Ck at IH-35 C713	USGS Gage 08181480 near IH-35	San Antonio	San Antonio River	USGS; sponsored by City of San Antonio and the San Antonio Metropolitan Health District-Public Center for Environmental Health
<u>714</u>	USGS Medina Rv at San Antonio C714	USGS Gage 08181500 near Hwy 281	San Antonio	San Antonio River	USGS; sponsored by San Antonio River Authority (SARA)
<u>715</u>	USGS San Antonio Rv at Elmendorf C715	USGS Gage 08181800 near Hwys 1303 & 1604	Elmendorf	San Antonio River	USGS; sponsored by CPS Energy and the San Antonio Water System
<u>760</u>	Salado Creek at Los Patios C760	2015 N.E. loop 410	San Antonio	San Antonio River	Water Monitoring Solutions
<u>769</u>	USGS Medina River at Applewhite Rd. C769	15738 Applewhite Rd.	San Antonio	San Antonio River	USGS; Sponsored by Toyota Motor Manufacturing Texas Inc.
<u>774</u>	Hollywood Park C774	16635-2 San Pedro Road	Hollywood Park	San Antonio River	Dios Dado for Edwards Aquifer Conservation District



TCEQ TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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Additional Information

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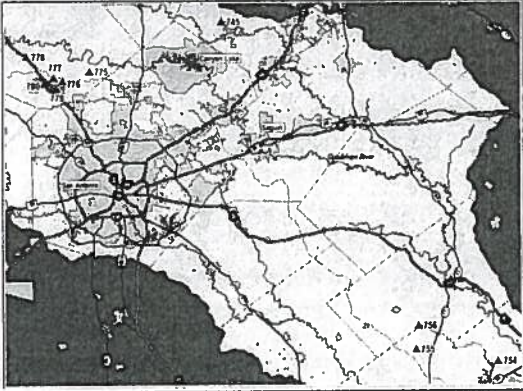
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>> Questions or Comments: swqm@tceq.state.tx.us

Geronimo Creek at SH 123

CAMS 741 Geronimo Creek at SH 123

- State: Texas
- County: Guadalupe
- City: Seguin
- Address: 7175 N State Highway 123
- Site coordinates:
 - Latitude: 29° 40' 8.80" North (+29.669111°)
 - Longitude: 97° 57' 57.08" West (-97.965856°)
 - Elevation: 165 m (541 ft)
- Maintained by: Guadalupe-Blanco River Authority

Area Map	Overall site view not available	Street-level map not available
	Upstream View not available	
Left Bank View not available		Right Bank View not available
	Downstream View not available	

- CAMS Data**

[Current Measurements](#)

[Monthly Summary Report](#)

[Yearly Summary Report](#)

- Real-time monitoring since: Monday, November 15, 2010
- Current status: Active
- Continuous monitors located at this site:



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Geronimo Creek at SH 123 Data by Site by Date (all parameters)

There is no data available at Geronimo Creek at SH 123 for **Tuesday, July 12, 2011**.

This monitoring site was brought onto the TCEQ real-time data collection system on **Friday, November 5, 2010** and is currently active.

Please select a date from November 5, 2010 to July, 12, 2011. Click on the Generate Report button when you are through.

If you have selected a date within the range above, and there is still no data available, there is a possibility that communications with the monitoring site are temporarily down. When communications are restored, the data will become available. While rare, it is possible that no data has been collected for the date you selected. This only occurs if there is a power outage or other serious problem at the monitoring site.

Month: Day: Year: Time Format:

Highlight validated data

PLEASE NOTE: This data has not been verified by the TCEQ and may change. This is the most current data, but it is not official until it has been certified by our technical staff. Data is collected from TCEQ ambient monitoring sites and may include data collected by other outside agencies. This data is updated hourly. All times shown are in Local Standard Time.

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Last Modified July 12, 2011

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Geronimo Creek at SH 123 Data by Site by Date (all parameters)

Use this form to retrieve hourly data collected at Geronimo Creek at SH 123. Although this is the most current data, it is not considered official until it has been certified by the technical staff. This information is updated hourly.

This web page provides the most current hourly averaged data available. Our convention for time-tagging data is the beginning of each hour. For example, values shown for the noon hour are based on measurements taken from noon to 1:00 p.m. The noon average will not be calculated until after 1:00 p.m. The noon average will then be available on our external server from 1:15 p.m. to 1:30 p.m. This results in an apparent one-hour time lag in the data. We also present our data in Local Standard Time for each measuring site. During Daylight Savings, this introduces another apparent one-hour time lag in the data.

Use the controls below to select a different date or time format. Click on the Generate Report button once you have made your selections. Click on the Plot Data button once the tabular report has been generated to open a separate window containing data plots.

CAMS 741 Geronimo Creek at SH 123 **Select a different site**

Month: **Day:** **Year:** **Time Format:**

July 11 2011 24 Hour

Highlight validated data

The table below contains hourly averages for all the pollutants and meteorological conditions measured at Geronimo Creek at SH 123 for **Monday, July 11, 2011**. All times shown are in CST.

<u>Parameter Measured</u>	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500
Surface Water Temperature	26.4	26.0	25.6	25.3	25.0	24.8	24.6	24.5	LST	LST	LST	LST	LST	LST	LST	LST
Water Flow Rate	1.9	1.9	2.0	2.3	2.2	2.8	0.6	1.5	LST	LST	LST	LST	LST	LST	LST	LST
Water Velocity	0.06	0.05	0.06	0.07	0.06	0.08	0.02	0.04	LST	LST	LST	LST	LST	LST	LST	LST
Gage Height	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	LST	LST	LST	LST	LST	LST	LST	LST
Surface Specific Conductance	768	776	778	781	783	785	786	787	LST	LST	LST	LST	LST	LST	LST	LST
Turbidity	15.17	14.87	14.88	14.61	15.02	19.16	17.92	18.07	LST	LST	LST	LST	LST	LST	LST	LST
Surface Dissolved Oxygen	6.7	6.2	5.8	5.4	5.3	5.1	5.0	5.0	LST	LST	LST	LST	LST	LST	LST	LST
Surface Water pH	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.6	LST	LST	LST	LST	LST	LST	LST	LST
<u>Parameter Measured</u>	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500
Maximum values for each parameter are bold within the table. Minimum values are bold i																