

CONSENT AGENDA  
ITEM NO. 12

**CITY OF SAN ANTONIO  
INTERDEPARTMENTAL MEMORANDUM  
PUBLIC WORKS DEPARTMENT**

**TO:** Mayor and City Council

**FROM:** Thomas G. Wendorf, P.E., Director of Public Works

**THROUGH:** Terry M. Brechtel, City Manager

**COPIES:** Melissa Byrne Vossmer; Peter Zanoni; Milo D. Nitschke; Andrew Martin; File

**SUBJECT:** Joint Funding Agreement with the U.S. Geological Survey

**DATE:** February 19, 2004

**SUMMARY AND RECOMMENDATIONS**

This ordinance authorizes the City Manager or designated representative to execute a joint funding agreement, October 1, 2003 – September 30, 2004, between the City of San Antonio and the U.S. Geological Survey (USGS), United States Department of the Interior to maintain surface-water data collection activities, and authorizes payment in the amount of \$29,200 to U.S. Geological Survey. The locations of the four stream gauging stations are: Olmos Creek at Dresden Drive, San Antonio River at Loop 410, Helotes Creek at FM 1560 and Leon Creek at Interstate 35 South.

Staff recommends approval of this ordinance.

**BACKGROUND INFORMATION**

There are numerous other stream gauging stations throughout the region sponsored by other entities, identified on the attached table. The information that these stations collect, such as flow data, are available to all the entities. Now that the Regional Flood Control, Drainage, and Storm Water Management Program Interlocal Agreement (ILA) is in place, all of these stream gauging stations will be evaluated during the next two years to determine appropriate sponsorship agreements for each station. The four above-mentioned stations have been previously been funded by SAWS, however, since the data collected at these four stations measure water flow and quantity rather than water quality data, which is measured at other stations that SAWS funds, the City of San Antonio is joint funding these four stations for the first time with the USGS this fiscal year.

The combined data will allow the City to better understand stream flow caused by a specific rain event. If there is a record event, we will be able to have a record of the depth of the water and amount of flow at the specific gauging stations. The flow in the gauges, as it is reported to the Emergency Operations Center, gives the decision makers real time data upon which to make their decisions about the specific flood event. Such decisions include: an early evacuation notice, if needed, to people downstream of the gauging station, and decisions about whether to close endangered transportation routes downstream of the gauging station. The gauges are a way to quantify the water during a storm event, which gives the appropriate people the capability to judge the severity of a storm event.

## POLICY ANALYSIS

Approval of this ordinance is continuance of existing policy in support of the City's commitment to remain prepared for natural and manmade disasters. The City will pursue other opportunities as they arise with the U.S. Geological Survey under the joint-funding agreement.

## FISCAL IMPACT

Water resource investigations under the joint-funding agreement between the City of San Antonio and the U.S. Geological Survey for surface-water data collections and limited studies are estimated to cost \$49,600. The U.S. Geological Survey will provide funding in the amount of \$20,400, and the City of San Antonio will provide funding in the amount of \$29,200.

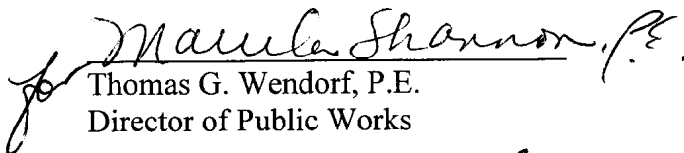
Funds in the amount of \$29,200 are available from the Storm Water Operating Fund and are authorized payable to the U.S. Geological Survey.

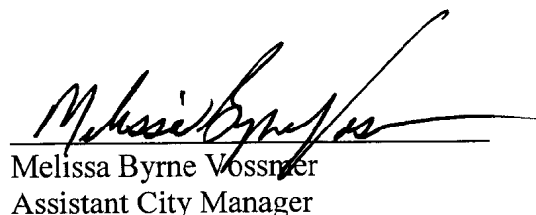
## COORDINATION

This request for ordinance has been coordinated with the City Attorney's Office, Finance Department, the Office of Management and Budget and the U.S. Geological Survey Office.

## ATTACHMENTS

1. Letter, U.S. Department of Interior, U.S. Geological Survey
2. Joint Funding Agreement, U.S. Department of Interior, U.S. Geological Survey
3. Attachment for TX092, U.S. Department of Interior, U.S. Geological Survey
4. Listing of Regional Stream Gauging Stations

  
Thomas G. Wendorf, P.E.  
Director of Public Works

  
Melissa Byrne Vossmer  
Assistant City Manager

Approved:

  
Terry M. Brechtel  
City Manager



# United States Department of the Interior

U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

8027 Exchange Dr.

Austin, Texas 78754-4733

December 9, 2003

Mr. Joe DuMenil, Storm Water Utility Administrator  
City of San Antonio, Public Works Department  
P.O. Box 839966  
San Antonio, Texas 78283-3966

Dear Mr. DuMenil:

Enclosed are four signed originals of our standard joint-funding agreement (04C4TX036000000) for the City of San Antonio surface-water data collection activities to be conducted during the period of October 1, 2003, through September 30, 2004, in the amount of \$29,200 cash from your agency. Please sign and return three originals to my attention.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by December 15, 2003. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact us. We will advise you what action will need to be taken.

This is a fixed cost agreement to be billed quarterly. Please allow 30-days from the end of the billing period for issuance of the bill (Form DI-1040).

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources investigations.

Tim Raines of our San Antonio office will be the project contact. Our administrative point of contact is Cindy Billington. If you have any questions please call her at (512) 927-3587, fax to (512) 927-3590, or email [ccbillin@usgs.gov](mailto:ccbillin@usgs.gov).

Sincerely,

Eric W. Strom  
Acting District Chief

enc: 04C4TX036000000

STORM WATER  
ENGINEERING  
DEC 12 2003  
RECEIVED

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resources Investigations

Agreement #: 04C4TX036000000  
Customer #: TX036  
Project #: 00170  
TIN #: 75-7460029708

THIS AGREEMENT is entered into as of the 1<sup>st</sup> day of **October, 2003**, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the **CITY OF SAN ANTONIO**, party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation **surface-water data collection activities**, hereinafter called the program.
2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program.
  - (a) **\$20,400** by the party of the first part during the period  
**October 1, 2003 to September 30, 2004**
  - (b) **\$29,200** by the party of the second part during the period  
**October 1, 2003 to September 30, 2004**
  - (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.
9. Billing for this agreement will be rendered **quarterly**. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

U.S. GEOLOGICAL SURVEY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR

By: \_\_\_\_\_

**ERIC W. STROM, ACTING DISTRICT CHIEF**

**CITY OF SAN ANTONIO**

By: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

U.S Department of the Interior  
 Geological Survey  
 Water Resources Division  
 8027 Exchange Dr.  
 Austin, TX

Description of work and funding for water-resources investigations under joint-funding agreement between the City of San Antonio and the U.S. Geological Survey for the period October 1, 2003 to September 30, 2004.

**Attachment for TX092**  
**Run Date: 01-Jul-03**

Project		USGS Funds	Coop Funds	Total Funds
001	<u><b>Surface-Water Data Collection and Limited Studies</b></u>			
	08177700 Olmos Creek at Dresden Dr, San Antonio, TX <i>Full Range Streamflow Station</i>	\$5,100	\$7,300	\$12,400
	08178565 San Antonio Riv at Loop 410, S Antonio, TX <i>Full Range Streamflow Station</i>	\$5,100	\$7,300	\$12,400
	08181400 Helotes Creek at Helotes, TX <i>Full Range Streamflow Station</i>	\$5,100	\$7,300	\$12,400
	08181480 Leon Creek at IH 35 at San Antonio, TX <i>Full Range Streamflow Station</i>	\$5,100	\$7,300	\$12,400
	<b>Totals</b>	=====	=====	=====
		\$20,400	\$29,200	\$49,600

U.S Department of the Interior  
Geological Survey  
Water Resources Division  
8027 Exchange Dr.  
Austin, TX

**Attachment for TX092**  
**Run Date:** 01-Jul-03

		<b>USGS Funds</b>	<b>Coop Funds</b>	<b>Total Funds</b>
<b>Summary FY-04</b>	<b>Project</b>			
	<b>001</b>	\$20,400	\$29,200	\$49,600
		=====	=====	=====
	<b>Totals</b>	\$20,400	\$29,200	\$49,600

## Regional Stream Gauging Stations

<b>Locations</b>	<b>Local Sponsors</b>
Leon Creek at Scenic Rd Near Leon Springs, Texas	Edwards Aquifer Recharge Zone (EARZ)
Salado Creek at Wilderness Rd	Department of Defense (DOD)
Camp Creek at Wilderness Trail	DOD
Elm Waterhole Tributary at Evans Rd	EARZ
Cibolo Creek at Selma	Edwards Aquifer Authority
<b>Helotes Creek at FM 1560</b>	<b>City of San Antonio (COSA)</b>
Leon Creek at Hausman Rd	EARZ
Leon Creek at Prue Rd	EARZ
Government Canyon Creek Site 2 Near Helotes, Texas	EARZ
Salado Creek Tributary at Bitters Rd	San Antonio Water System (SAWS)
Salado Creek at Loop 410	San Antonio River Authority (SARA)
<b>Olmos Creek at Dresden Dr.</b>	<b>COSA</b>
Zarzamora Creek Outfall at Bandera Rd	SAWS
Olmos Creek Outfall at San Pedro Ave	Texas Department of Transportation
Rosillo Creek Near Rittiman Rd	SAWS
Leon Creek Outfall at Ingram Rd near SH 151	SAWS
Zarzamora Creek Outfall at Alderete Park	SAWS
Martinez Creek at Fred. Rd	Corps of Engineers (COE)
San Pedro Creek at Santa Rosa St. (CSG)	COE
San Antonio River at Navarro St. (CSG)	COE
San Antonio River at San Antonio, Texas	SARA
San Antonio River at Mitchell St.	SARA
Medina River Near Macdona, Texas	Bexar Met
<b>Leon Creek at IH 35</b>	<b>COSA</b>
Harlandale Creek Outfall at S Flores St.	SAWS
Salado Creek at Loop 410	SARA
<b>San Antonio River at Loop 410</b>	<b>COSA</b>
Medina River Near Somerset, Texas	Bexar Met
Medina River at San Antonio, Texas	SARA
San Antonio River Near Elmendorf, Texas	City Public Service

## ALERT SITE 25

