

**TWDB SB1 REGIONAL WATER PLAN Grant**  
**Contract No. 0704830696**  
**Grant Amount: \$393,780**

<u>Month</u>	<u>Year</u>	<u>Beginning Balance</u>	<u>Receipts of Funds</u>	<u>Expenditures</u>	<u>Interest Earned</u>	<u>Ending Balance</u>
October	2007	\$0.00	\$78,756.00	\$29,435.10	\$72.41	\$49,393.31
November	2007	\$49,393.31	\$0.00	\$36,451.36	\$85.21	\$13,027.16
December	2007	\$13,027.16	\$0.00	\$16,342.37	\$13.91	(\$3,301.30)
January	2008	(\$3,301.30)	\$0.00	\$0.00	\$0.00	(\$3,301.30)
February	2008	(\$3,301.30)	\$0.00	\$29,955.12	\$0.00	(\$33,256.42)
March	2008	(\$33,256.42)	\$0.00	\$39,835.75	\$0.00	(\$73,092.17)
April	2008	(\$73,092.17)	\$142,518.72	\$30,995.79	\$0.00	\$38,430.76
May	2008	\$38,430.76	\$0.00	\$0.00	\$87.62	\$38,518.38
June	2008	\$38,518.38	\$0.00	\$117,845.11	\$0.00	(\$79,326.73)
July	2008	(\$79,326.73)	\$0.00	\$32,962.21	\$0.00	(\$112,288.94)
August	2008	(\$112,288.94)	\$0.00	\$0.00	\$0.00	(\$112,288.94)
September	2008	(\$112,288.94)	\$81,510.62	\$0.00	\$0.00	(\$30,778.32)
October	2008	(\$30,778.32)	\$0.00	\$38,907.32	\$0.00	(\$69,685.64)
			<u>\$302,785.34</u>	<u>\$372,730.13</u>	<u>\$259.15</u>	

TURNER COLLIE & BRADEN, INC.

JOB NO.: 60027223  
LCRA - Regoin K Water Plan

As of :October 3, 2008

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	Budget		Total Budget	September		Previous Billing	Billing to Date	Balance Remaining	% of Budget Remaining to Date
	Labor	Expenses		Labor	Expenses				
Task 1 - Surface Water Availability Modeling	\$151,600.00	\$3,500.00	\$155,100.00	\$2,775.53	\$0.00	\$152,266.38	\$155,041.91	\$58.09	0.04%
Task 2 -Environmental Impacts of the Water Management Strategies	\$108,000.00	\$3,000.00	\$111,000.00	\$5,376.37	\$0.00	\$89,449.30	\$94,825.67	\$16,174.33	14.57%
Task 3 - Evaluate High Growth Areas	\$55,500.00	\$4,500.00	\$60,000.00	\$544.57	\$0.00	\$59,463.03	\$60,007.60	(\$7.60)	-0.01%
Task 4 - Public Outreach/Administration	\$63,680.00	\$2,000.00	\$65,680.00	\$5,269.74	\$117.00	\$55,468.21	\$60,854.95	\$4,825.05	7.35%
<b>Total</b>	<b>\$378,780.00</b>	<b>\$13,000.00</b>	<b>\$391,780.00</b>	<b>\$13,966.21</b>	<b>\$117.00</b>	<b>\$356,646.92</b>	<b>\$370,730.12</b>	<b>\$21,049.88</b>	<b>5.37%</b>

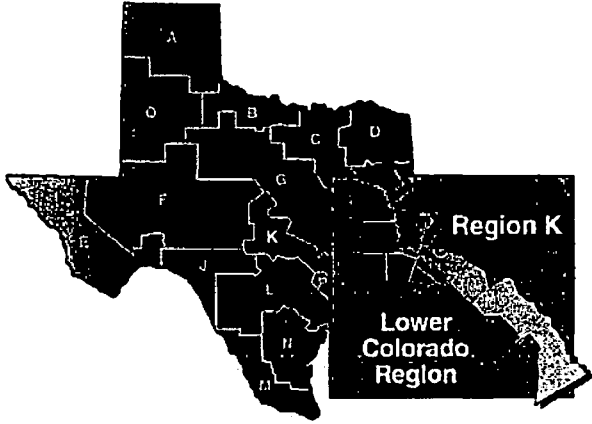
Category	Budget	September	Previous Billing	Billing to Date	Balance Remaining	% of Budget Remaining to Date
Salaries & Wages	\$114,781.00	\$4,232.18	\$107,599.27	\$111,831.45	\$2,949.55	2.57%
Fringe	\$60,146.00	\$2,200.73	\$55,951.61	\$58,152.34	\$1,993.66	3.31%
Overhead	\$128,211.00	\$4,740.04	\$120,511.16	\$125,251.20	\$2,959.80	2.31%
Travel and Other Expenses	\$13,000.00	\$117.00	\$1,567.48	\$1,684.48	\$11,315.52	87.04%
Profit	\$75,642.00	\$2,793.26	\$71,017.40	\$73,810.66	\$1,831.34	2.42%
<b>Total</b>	<b>\$391,780.00</b>	<b>\$14,083.21</b>	<b>\$356,646.92</b>	<b>\$370,730.13</b>	<b>\$21,049.87</b>	<b>5.37%</b>

Note : Invoice 12: Moved \$2,000 from Task 1 to Task 2  
 Invoice 14: Moved \$2,000 from Task 2 to Task 1  
 Invoice 14: Moved \$10,000 from Task 2 to Task 4

**LOWER COLORADO REGIONAL WATER PLANNING GROUP  
SENATE BILL 1**

<u>Month</u>	<u>Year</u>	<u>Beginning Balance</u>	<u>Receipts of Funds</u>	<u>Expenditures</u>	<u>Interest Earned</u>	<u>Ending Balance</u>
January	2008	\$6,671.46	\$0.00	-	\$22.77	\$6,694.23
February	2008	\$6,694.23	\$0.00	(2,000.00)	\$24.74	\$8,718.97
March	2008	\$8,718.97	\$0.00	359.88	\$25.10	\$8,384.20
April	2008	\$8,384.20	\$0.00	-	\$23.06	\$8,407.25
May	2008	\$8,407.25	\$0.00	893.21	\$18.15	\$7,532.19
June	2008	\$7,532.19	\$0.00	165.73	\$17.67	\$7,384.13
July	2008	\$7,384.13	\$0.00	-	\$16.42	\$7,400.55
August	2008	\$7,400.55	\$0.00	-	\$16.24	\$7,416.80
September	2008	\$7,416.80	\$0.00	-	\$16.62	\$7,433.42
October	2008	\$7,433.42	\$0.00	538.20	\$11.66	\$6,906.88

AECOM



Lower Colorado Regional Water Planning Group Meeting  
November 12, 2008

Lower Colorado Regional Water Planning Group Meeting, November 12, 2008 AECOM

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**Agenda**

- Discuss Task 1 (Surface Water Availability Modeling) Study comments received from the LCRWPG and their responses.
  - See Task 1 Comment and Response Handout
  
- Discuss Task 3 (Evaluation of High Growth Areas) Study comments received from the LCRWPG and their responses.
  - See Task 3 Comment and Response Handout
  
- Discuss status of Task 2 work and deliverables
  
- Discuss schedule for remainder of Phase I

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**Discussion of Task 1 Report  
Comment/Response**

**See Task 1 Comment/Response Handout**

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**Discussion of Task 3 Report  
Comment/Response**

**See Task 3 Comment/Response Handout**

## **Update on Status of Task 2**

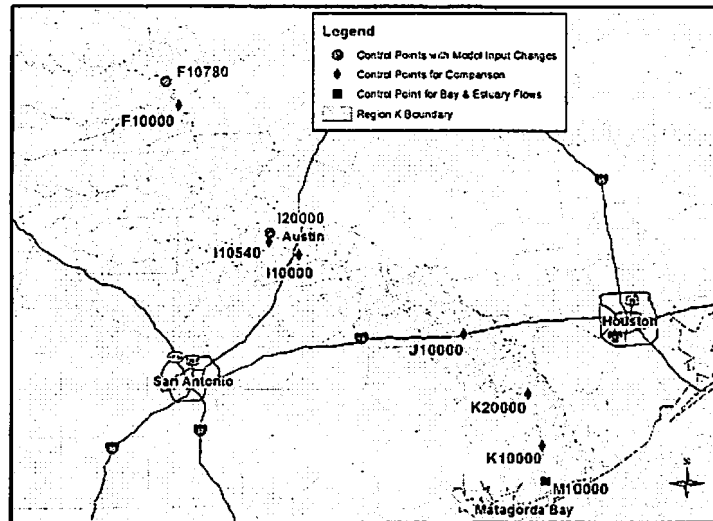
### **Environmental Impacts of the Water Management Strategies**

Perform a quantitative impact analysis of current water management strategies on instream flows and freshwater inflows to Matagorda Bay

### **Where we are with the Task 2 work**

- Modeling done by end of this week
- Data results to create comparison tables and graphs to show the impacts of the strategies.
- Comparing the 10<sup>th</sup> percentile instream flows with and without the strategy to each other and to the 7Q2 flows.
- Definition of 7Q2 flows: "Seven-day, two-year low-flow -- the lowest average stream flow for seven consecutive days with a recurrence interval of two years, as statistically determined from historical data"

### Example Strategy Control Points



### Example of Instream Flow Comparison at a Control Point

Month	7Q2 Flow ac-ft	Base Model ac-ft	Strategy ac-ft	% Change
JAN	18,081	28,432	28,441	0.0
FEB	18,081	28,869	28,872	0.0
MAR	18,081	32,554	32,604	0.2
APR	18,081	33,269	33,255	0.0
MAY	18,081	53,021	53,081	0.1
JUN	18,081	57,235	57,283	0.1
JUL	18,081	40,274	40,142	-0.3
AUG	18,081	36,125	35,991	-0.4
SEP	18,081	34,686	34,734	0.1
OCT	18,081	28,561	28,597	0.1
NOV	18,081	27,909	27,969	0.2
DEC	18,081	29,343	29,366	0.1

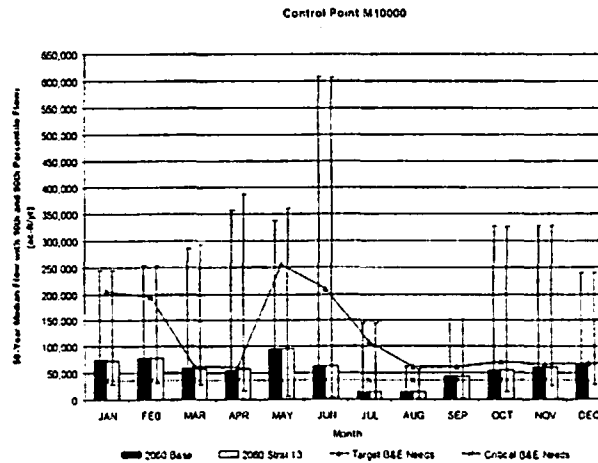
### Where we are with the Task 2 work, continued

- Comparing the 10<sup>th</sup> percentile bay and estuary freshwater inflows with and without the strategy to each other and to the target and critical bay and estuary freshwater inflows from the 2006 Matagorda Bay Freshwater Inflow Needs Study.
- Example of Bay and Estuary Inflow Comparison

Month	Target B&E ac-ft	Critical B&E ac-ft	Base Model ac-ft	Strategy ac-ft	% Change
JAN	205,600	36,000	27,832	27,883	0.2
FEB	194,500	36,000	30,952	30,949	0.0
MAR	63,200	36,000	28,208	28,148	-0.2
APR	60,400	36,000	14,719	14,692	-0.2
MAY	255,400	36,000	7,247	7,177	-1.0
JUN	210,500	36,000	3,088	3,074	-0.4
JUL	108,400	36,000	534	463	-13.2
AUG	62,000	36,000	775	701	-9.5
SEP	61,900	36,000	918	906	-1.3
OCT	71,300	36,000	13,519	13,534	0.1
NOV	66,500	36,000	25,698	25,699	0.0
DEC	68,000	36,000	27,848	27,878	0.1

### Where we are with the Task 2 work, continued

- Graphs of the results will include the median flow results, along with the range from the 10<sup>th</sup> percentile to the 90<sup>th</sup> percentile



### **Where we are with the Task 2 work, continued**

- We will go over all of the results in detail at a joint Environmental Flows Committee and Water Modeling Committee meeting around mid-December. Any planning group member who is interested, but not officially on one of the committees, is welcome.
  
- We will send out the Task 2 report for review and comment by the end of next week.
  
- LCRA will request a 30-day contract extension for the submittal of the Task 2 Draft Report to TWDB

### **Schedule for Finishing Phase I Work**

- November 12, 2008 Region K meeting
  - Request approval of draft reports for Tasks 1 and 3 for submittal to TWDB
- November 21, 2008
  - Mail out Draft Task 2 Reports for review and comment
- Mid-December 2008
  - Hold joint Environmental Flows Committee and Water Modeling Committee meeting to discuss Task 2 results in detail.
  - Allow public to comment on the Task 1 and Task 3 reports
  - Executive Committee approves modified reports before submitting them to TWDB

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### **Schedule for Finishing Phase I Work, Continued**

- January 2009 Region K Meeting
  - Review comment and responses for Task 2 Report
  - Request approval of Draft Task 2 Report for submittal to TWDB
  - Allow public to comment on Task 2 Report
- Prior to January 30, 2009
  - Submit draft Task 2 Report to TWDB
- March 2009 Region K meeting
  - Request approval for Final Reports for submittal to TWDB
- April 2009
  - Submit Final Reports to TWDB

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### **Motion for Approval from LCRWPG**

- Move approval of draft Task 1 Report dated October 2008 (Surface Water Availability Modeling Study) and draft Task 3 Report dated October 2008 (Evaluation of High Growth Areas Study) for submittal to TWDB, with incorporation of appropriate revisions requested by members of LCRWPG and comments from the public, as reviewed and accepted by the Executive Committee in December 2008.

**Comments Received from the LCRWPG on the Draft Evaluation of High Growth Areas  
(Task 3) Study as of 11/3/08 and Responses**

Comments received from Jennifer Walker:

1. I reviewed the Task 3 report and it was fine with me. I saw two tiny things to be corrected and they were both on page ES-1 in the 7<sup>th</sup> paragraph. The end of the first sentence should have a period instead of a question mark. In the third sentence, it references the Greater Austin Chamber of Commerce report and says that it was mentioned above, but it was not mentioned above. I would delete that part.

*Response: Report will be corrected as suggested.*

2. So there are no changes from the Hays-Trinity GCD, just changes from BSEACD?

*Response: Hays-Trinity GCD was given the option to update their numbers, if they had updates, or to wait for the next phase of planning when the Lower Trinity Aquifer model results would most likely be available for use. No updated numbers were received.*