



Groundwater Reduction Plan Program Monthly Progress Report - July 2012

San Jacinto River Authority





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ACRONYMS AND DEFINITIONS

Acronyms

CA&I	Construction Administration and Inspection
CM&I	Construction Management and Inspection
CMAR	Construction Manager at Risk
CSB/P	Competitive Sealed Bid/Proposal
EA	Environmental Assessment
GRP	Groundwater Reduction Plan
GST	Ground Storage Tank
HSPS	High Service Pump Station
LSGCD	Lone Star Groundwater Conservation District
LVGU	Large Volume Groundwater User
PER	Preliminary Engineering Report
RFB / Q / P	Request for Bids / Qualifications / Proposals
RWI	Raw Water Intake
SJRA	San Jacinto River Authority
SOQ	Statement of Qualifications
SWF	Surface Water Facilities (SWTP, HSPS and RWI)
SWTP	Surface Water Treatment Plant
TCEQ	Texas Commission on Environmental Quality
TWDB	Texas Water Development Board
SWRF	Surface Water Receiving Facility
WIF	Water Infrastructure Fund

Definitions

GROUNDWATER REDUCTION PLAN (GRP)	The document developed and filed with the LSGCD indicating SJRA's plan to reduce the permitted 2009 groundwater pumpage of its GRP Participants by 30%. The GRP is administered by the SJRA, including any supplements, revisions, or amendments.
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GRP PROGRAM TEAM	SJRA staff, Program Management Consultant (Brown & Gay Engineers, Inc.) staff, and technical consultants working interdependently toward meeting the goals of the Groundwater Reduction Plan.
GRP ADMINISTRATOR	The SJRA General Manager's designee who administers the SJRA Groundwater Reduction Plan and GRP Contract with GRP Participants.
GRP CONTRACT	Contract between the SJRA and a Participant to be included in the SJRA's efforts to meet the surface water conversion requirements mandated by the LSGCD.
JOINT GRP	GRP which is prepared to include (takes into account) LVGUs who have executed a GRP Contract with the SJRA to join the SJRA's GRP. Contracted LVGUs obtain LSGCD groundwater reduction regulation compliance through the SJRA's Joint GRP without preparing and submitting a GRP.
LARGE VOLUME GROUNDWATER USER(S) (LVGU)	Any person or entity that, through a single well or a combination of wells, actually produces or is authorized by permit(s) issued by the LSGCD to produce 10 million gallons or more of groundwater annually on or after January 01, 2008.
PARTICIPANT(S)	Regulated User(s) that enters into and remains subject to a written agreement with the SJRA to be included in the SJRA's GRP and includes the legal successors or assigns of Participant(s).
REGULATED USER(S)	Any public or private entity or person that is or becomes subject to the District Regulatory Plan established by the LSGCD and includes any amendments, revisions or supplements thereto as may be adopted by the LSGCD.
SJRA GRP DIVISION	Division of the SJRA responsible for GRP compliance, and the management, administration, operation and maintenance of the surface water facilities and surface water transmission system.
SJRA EXECUTIVE MANAGEMENT	Includes SJRA's General Manager, Deputy General Manager - Operations and Deputy General Manager - Administration.

1.0 PLANNING

The GRP Program Team meets regularly for the purposes of setting performance expectations and goals of the GRP Program, identifying the efforts required to achieve these objectives, evaluating the effectiveness of such efforts, and modifying those efforts based upon both internal and external performance evaluations.

1.1 Strategic

This month's **strategic planning** centered on preparations for the groundbreaking ceremony for the surface water treatment plant and on printing and distribution of several brochures related to the GRP program. Plans were finalized for billing inserts to be printed and distributed to inform retail customers of the GRP pumpage fee increase that will be effective September 1, 2012. Discussions continued on a web page to provide up-to-date information on construction progress and related traffic control.

On July 31, 2012, a **groundbreaking ceremony** was held at the east end of the Lake Conroe Dam to kickoff construction of the surface water treatment facilities. The ceremony was attended by several local elected officials, SJRA board members, SJRA staff, consultants, and a number of customers of the GRP Division. Elected officials in attendance included: State Senator Tommy Williams, Montgomery County Judge Alan B. Sadler, Precinct 2 County Commissioner Craig Doyal and Conroe Mayor Webb Melder.

1.2 Engineering and Construction

Planning efforts related to engineering and construction that arose or were further acted upon this month included:

- Continuing their support for researching alternative water supplies to meet the LSGCD's groundwater reduction requirements, the SJRA and GRP Division reached an agreement with the **City of Willis** this month to provide a financial "safety net" for the City's development of two (2) **Catahoula Aquifer** wells. If the wells are successful and will provide an alternative water supply for the City of Willis, the GRP Division will not be responsible for any of the costs of the wells. In addition, the GRP Division would get a credit towards the LSGCD's require-

ments for the reduction of groundwater pumpage achieved by the development of this alternative water source. The agreement was presented to the GRP Review Committee and approved by the SJRA Board of Directors at their respective July 2012 meetings.

- The GRP Program Team continued coordination for **existing utility relocations** related to the proposed surface water transmission system Segments T1, T2 and T3 along McCaleb Road/Fish Creek Thoroughfare/FM 2978. A meeting with **Mid-South Synergy** (MSS) was held on July 13, 2012 to further coordinate the relocation of MSS overhead electric lines along the proposed Segment T1 alignment. On July 19, 2012, the GRP Program Team met with **Consolidated Communications** (CC) to discuss conflicts between the proposed Segment T2 alignment and existing CC fiber optic lines. A meeting is set for August 3, 2012 with **Texas Gas Utility Services** to discuss the relocation of its existing gas line along the proposed Segment T3 alignment. Coordination with these entities will continue throughout the remainder of final design.

1.3 Meetings

The GRP Program Team continued meeting with GRP Program stakeholders this month, in addition to its weekly GRP Program and GRP Project status meetings and monthly progress meetings with surface water transmission system and SWF design consultants. A listing of these meetings may be seen in attached Exhibit 10.

Meetings of special note that were led or attended by the GRP Program technical staff this month included the following:

- Four (4) **Quality Assurance (QA) audits** of design consultants were conducted this month. See Section 5.0 for more information.
- The GRP Program Team and Construction Management and Inspection (CM&I) consultant continued to focus on **traffic control planning** this month. The CM&I consultant prepared and presented a traffic management plan for Research Forest Drive and Grogans Mill Road in The Woodlands to the SJRA and Montgomery County representatives on July 20, 2012. The GRP Program Team and CM&I consultant will



1.0 PLANNING (CONTINUED)

continue to coordinate with Montgomery County, The Woodlands Township, The Woodlands Development Company and other interested parties through final design and into construction.

- On July 25, 2012, the Segment T1 consultant made a presentation to the GRP Program Team, Lake Conroe Division, and CM&I consultant regarding **T1 water line construction within the SJRA Lake Conroe campus along the dam**. The GRP Program Team and CM&I consultant will continue to work with the Lake Conroe Division through final design and during construction.
- The monthly **northern Montgomery County GRP Program technical status meeting** was held on July 25, 2012 at the SJRA's G&A Office. Representatives from the City of Conroe, Montgomery County, and Conroe ISD attended. Generally, discussion included the following:
 - * Specific issues/comments related to the recommended alignments for the proposed GRP Program surface water transmission system C, T and (in general) W segments;
 - * The status of land/easement acquisition associated with the proposed surface water transmission system in the Conroe area;
 - * The status of design of GRP facilities within the City of Conroe water plant facilities proposed to receive surface water;
 - * The status of traffic control planning for construction activities near Conroe schools;
 - * Updates to the anticipated surface water transmission system final design schedule; and
 - * Public relations/public outreach efforts by the GRP Program/GRP Administrator and GRP Program Technical Staff.
- The monthly **southern Montgomery County GRP Program technical status meeting** was held on July 26, 2012 at the SJRA's Woodlands Office. Attendees included representatives from the Southern Montgomery County Municipal Utility District (SMCMUD), The Woodlands Township, Montgomery County WCID No. 1, and the City of Oak Ridge North. Generally, discussion included the following:
 - * Specific issues/comments related to the recommended alignment for the proposed GRP Program surface water transmission system T and W segments;
 - * The status of land/easement acquisition in The Woodlands and east of I-45;
 - * Items related to the Tennessee Gas Pipeline corridor;
 - * The status of design of GRP facilities within water plant facilities proposed to receive surface water;
 - * Updates to the anticipated surface water transmission system final design schedule; and,
 - * Public relations/public outreach efforts by the GRP Program/GRP Administrator and GRP Program Technical Staff.

2.0 SCHEDULE

Currently, the GRP Program remains on schedule for the delivery of treated surface water to select Joint GRP Participants on or before January 1, 2016. A simplified GRP Program schedule may be found in attached Exhibit 1.

2.1 Engineering

Final design neared completion on the RWI and HSPS and continued on the surface water transmission system, SWTP and SWRF. The status of each GRP Program Consultant's Professional Services Agreement (contract) Work Order (phase and percent complete) is indicated in attached Exhibit 2.

Key schedule issues and updates related to GRP Program engineering activities include the following:

- Final design of the **surface water transmission system** continued this month with the graphic standards compliance review of **60% drawings for Segments T1, T2, W1B and C4**. Comments have been provided back to the design consultants. Several additional 60% drawings submittals are scheduled for next month with 90% drawings submittals following thereafter.
- The **Surface Water Receiving Facilities (SWRF)** design consultant continued final design efforts this month. 60% drawings were submitted to the GRP Program Team for review. Review is underway and is scheduled to be completed in August 2012.
- **Surface Water Facilities (SWF)** final design moved closer towards completion this month. Final comments are being addressed and 100% drawings and specifications on the High Service Pump Station (HSPS) and Raw Water Intake (RWI) are scheduled to be submitted to the GRP Program Team in September 2012. GRP Program Team and CMAR review of the Surface Water Treatment Plant (SWTP) 60% drawings was also completed this month.
- This month, final design efforts continued for the **fiber optic communication system** that will run along the proposed surface water transmission line routes. The 60% design submittal is anticipated in late

August 2012. The Program Fiber Optic Consultant continues to review the surface water transmission system 60% drawings submittals for the conduit design that will house the fiber optic system.

- **Master guide technical specifications** for the surface water transmission system were finalized this month. The final specifications were posted to the GRP's SharePoint system on July 30, 2012 for the design consultants' reference and use.

2.2 Construction

Key issues and updates related to the schedules of GRP Program construction activities include:

- The **AquaTexas sanitary sewer and access road relocation** moved closer to completion this month. The auxiliary generator was delivered and promptly installed. The new sanitary system will be placed into service the first week of August 2012, ahead of schedule.
- Construction of the **fiber optic line to serve GRP Building No. 1** is complete with the exception of some splicing and termination work as well as site restoration and cleanup. A substantial completion walk-through is scheduled for the second week of August 2012.
- Construction of the **GRP Building No. 1** is nearly complete. Construction is in the finishing stages, with several finishing trades on site including millwork, flooring, paint, ceiling tile, doors and hardware, plumbing and electrical fixtures. Site work has been completed including final grading and site restoration activities. The project is on schedule and below the original contract cost. See Exhibit 12 for additional photos.



GRP Building No. 1 aerial view



2.0 SCHEDULE (CONTINUED)

- Substantial completion for construction of the **SWF temporary access road** was issued July 30, 2012. The guard station and access controls for the entrance gate have been installed. The contractor intends to complete the punch-list items in early August 2012. See Exhibit 12 for photos.
- This month, the **Construction Manager-at-Risk (CMAR)** continued to coordinate with the SWF design consultants on final design of the SWTP, RWI and HSPS. Procurement for Early Work Package No. 2 was completed while preparations began for advertising Early Work Package No. 3. For more information on both Early Work Packages No. 2 and No. 3, see Section 3.0 of this report. The CMAR also completed and presented the 60% cost model for the HSPS to the GRP Program Team for review this month.
- The **Construction Management and Inspection (CM&I)** consultant remained engaged with the GRP Program Team and respective design consultants on the final design of the surface water transmission system this month. The CM&I consultant's focused on preparation and presentation of a traffic management plan for Research Forest Drive and Grogans Mill Road to the SJRA and Montgomery County representatives. The CM&I also reviewed 60% drawings on the SWRF, attended GRP Program and Project progress meetings, and updated their master design and construction schedule.



3.0 PROCUREMENT

This month the GRP Program Team continued to develop required GRP Program and GRP Project scopes of work for design and consultation services, and construction contract packages. Current solicitations, contract negotiations and awards, and a look ahead are included in this section.

3.1 Solicitations

The GRP Program Team is developing, has made available, received bids/proposals/Statements of Qualifications (SOQs), and/or selected a firm for award on the following solicitations this month:

- **Early Work Package No. 3:** An RFP for Early Work Package No. 3 is being prepared and is scheduled to be advertised in early August 2012. After thorough review of the proposals received by the CMAR and SJRA, work category recommendation and an associated amendment to the CMAR's contract will be presented to the GRP Review Committee and SJRA Board of Directors for consideration.

3.2 Contract Awards

The following GRP Program contracts/work orders were presented to the GRP Review Committee Meeting on July 23, 2012 and to the SJRA Board of Directors Meeting on July 26, 2012, and were authorized by the SJRA Board of Directors for execution by the SJRA General Manager:

- **Dannenbaum:** Work Order No. 5 for **metes & bounds** services for Surface Water Transmission System **Segment C1** (\$38,034.00).
- **Freese and Nichols:** Work Order No. 7 for final design services for the **air purge system related to the RWI** (\$238,900.00).
- **AECOM:** Work Order No. 11 for final design services for the **air stripping system related to the HSPS and GSTs** (\$174,878.00).
- **McCarthy:** Amendment No. 2 to the CMAR contract for **Early Work Package No. 2 for the SWF** (\$32,528,047.00).
- **Freese and Nichols:** Work Order No. 8 for **construction phase services for the RWI** (\$810,800.00).
- **AECOM:** Work Order No. 12 for **construction phase services for the HSPS and GSTs** (\$940,719.00).

- **Geotest Engineering:** Professional Services Agreement and Work Order No. 1 for construction materials testing for the SWF Early Work Package No. 2 (\$740,985.00).

3.3 Process and Procedures

There were no significant changes to the procurement process or procedures this month. The GRP Program continues to utilize traditional and alternative project delivery methods in the procurement of consultant and contractor services.

3.4 Look Ahead

The table below provides a very general look ahead at known and anticipated GRP Program professional services and construction contractor solicitations and contract awards. Solicitations may be combined, modified, or canceled and indicated dates or time frames may be modified as deemed necessary.

PROJECT/SERVICES	PURPOSE	ADVERTISEMENT/ NEGOTIATION	BOARD MEETING
METES & BOUNDS PREPARATION	METES & BOUNDS FOR EASEMENT ACQUISITION FOR TRANSMISSION SYSTEM W1	JULY 2012; WORK ORDER	AUGUST 23, 2012
METES & BOUNDS PREPARATION	METES & BOUNDS FOR EASEMENT ACQUISITION FOR TRANSMISSION SYSTEM W2	JULY 2012; WORK ORDER	AUGUST 23, 2012
PROGRAM MANAGEMENT CONSULTING	PROGRAM MANAGEMENT CONSULTING SERVICES FOR GRP PROGRAM	JULY 2012; WORK ORDER	AUGUST 23, 2012
CONSTRUCTION MANAGEMENT & INSPECTION (CM&I)	CM&I SERVICES DURING CONSTRUCTION PHASE OF TRANSMISSION SYSTEM	TBD; WORK ORDER	TBD
CONSTRUCTION MATERIALS TESTING (CMT)	CMT SERVICES FOR TRANSMISSION SYSTEM AND SWF	TBD; WORK ORDER	TBD



4.0 COST REPORT AND FINANCIAL CONSIDERATIONS

4.1 GRP Program and GRP Project CIP Budget(s)

Through this month, the GRP Program remains under its \$500,000,000.00 Capital Improvement Project (CIP) Program planning budget and forecasts continue to indicate it will be completed under budget (see also subsection 4.6 and Exhibit 7). A summary of the GRP Program's CIP budget and cost considerations as reported to the GRP Review Committee and the SJRA Board of Directors is provided as attached Exhibit 3.

A summary of the SJRA GRP Division's Fiscal Year 2012 (FY12) operating budget (revenue and expenditures) is provided as Exhibit 4. The proposed Fiscal Year 2013 operating budget and capital budget were presented to the SJRA Finance Committee on July 9, 2012, the GRP Review Committee on July 23, 2012, and the SJRA Board of Directors on July 26, 2012. The budgets will be on the GRP Review Committee's agenda in August for approval and then will be presented to the SJRA Board of Directors for approval at its August 23, 2012 meeting.

With the closing of the \$175,000,000.00 bond issue on June 8, 2012, the GRP Program is currently operating under the SJRA Board of Director's authorized CIP budget of \$347,400,358.49 (net - \$317,263,643.04). The funding available in the CIP budget allows the SJRA to secure all of the resources required to perform professional services, construction services, and procure long lead time equipment during the design phase of the GRP Program.

4.2 Financial Report

Funding sources presently applied towards the GRP Program CIP budget include the TWDB's Water Infrastructure Fund (WIF; \$21,500,000.00 [gross]; \$21,029,662.92 [net]), the sale of open market Special Project Revenue Bonds, Series 2011 (\$83,430,358.49 [gross]; \$73,522,352.58 [net]), and TWDB "D" Funds, Series 2011A (\$67,470,000.00 [gross]; \$61,552,571.67 [net]) and Series 2012 (\$175,000,000.00 [gross]; \$161,159,055.87 [net]). Approved funding to-date represents approximately 63.5% of the planned \$500,000,000.00 Program budget. The GRP Program's funding, contracted commitments, and forecasted expenditures are summarized in Table 4.1 and further detailed in attached Exhibits 5A, 5B and 6.

Please note that financial reports do not include investment income.

TABLE 4.1 - GRP PROGRAM FUNDING AND CONTRACTED COMMITMENTS SUMMARY

	PREVIOUS (THRU 6/30/12)	JULY 2012
A. APPROVED FUNDING	\$347,400,358.49	
B. AVAILABLE FUNDING AFTER COSTS	\$317,265,038.04	\$317,263,643.04
C. APPROVED CONTRACTS	\$75,160,977.72	\$35,466,752.03
D. PROJECT CLOSE OUT	\$148,408.65	\$350,715.29
E. UNCONTRACTED FUNDING (B - C + D; B JULY - C - C JULY + D + D JULY)	\$242,252,468.97	\$207,135,037.23
F. INVOICED	\$38,125,075.28	\$3,821,447.40
G. REMAINING FUNDS (B - F; B - F - F JULY)	\$279,139,962.76	\$275,317,120.36

4.3 Invoices/Applications for Payment

GRP Program level and GRP Project level consultant Invoices and/or construction contractor Applications for Payment received through August 10, 2012 are represented in the above table (Item F, July 2012). A detailed breakdown of consultant invoices and/or construction contractor pay applications received for services performed this month appears in Table 4.2.

TABLE 4.2 - GRP PROGRAM CONSULTANT INVOICE AND CONTRACTOR PAY APPLICATION SUMMARY

	PREVIOUS (THRU 6/30/12)	JULY 2012
ENGINEERING & SPECIALTY CONSULTANT (PROGRAM)	\$9,986,057.29	\$187,453.73
ENGINEERING & SPECIALTY CONSULTANT (PROJECT)	\$24,809,341.79	\$2,451,860.11
CONSTRUCTION CONTRACTOR / CMAR	\$3,329,676.20	\$1,182,133.56
TOTALS:	\$38,125,075.28	\$3,821,447.40

4.0 COST REPORT AND FINANCIAL CONSIDERATIONS (CONTINUED)

4.4 Contract Amendments and Change Orders

Amendment No. 2 to the CMAR's contract for Early Work Package No. 2 was considered and approved by the SJRA Board of Directors at their July meeting. Further details on the amendment are included in Exhibit 11.

4.5 Claims

No claims were identified this month.

4.6 CIP Cash Flow

The GRP Program CIP cash flow through SJRA FY2015 reflects known expenditures through June 2012 and estimates for future expenditures were updated this month. All active and currently identified future GRP Program Projects and initiatives are included in the cash flow. A graph of forecasted monthly expenditures from the referenced cash flow is attached as Exhibit 7.

4.7 CIP Budget Estimates at Completion

4.7.1 GRP Program

With the recently closed \$175,000,000.00 bond issue, a comparison of in-place funding against currently contracted and identified near term GRP Program contracting needs (plus contingency) is being performed.

The **total gross funds** (including capitalized interest) required to execute Phase I of the GRP Program are currently estimated at \$577,930,358.49.

4.7.2 GRP Projects

The GRP Program Projects remained within their approved contract budgets through this month. Exhibit 8 indicates each active GRP Program Project and GRP

Program contract forecasted estimate at completion (EAC). Additionally, all current GRP Program contracts, including their respective SJRA Board of Directors approved budgeted amounts and percents complete, are listed in Exhibit 2.

4.8 Land Acquisition

Land and easement acquisition efforts for the surface water transmission system continued this month for the GRP Program Team and its team of land acquisition consultants. Design consultants continued to produce metes & bounds descriptions for easements to be acquired. Two (2) easements were acquired along Segment T1 while a number of formal offers were made and counter offer received for easements along Segment T1 and W1. A cumulative summary of easement acquisition activity is provided in attached Exhibit 9.



5.0 QUALITY ASSURANCE

Final Design

This month's QA activity associated with final design deliverables produced by the engineering consultants is as follows:

1. **Jones & Carter (T1)** - 60% drawings were submitted and are currently under review for graphic standards compliance.
2. **Klotz (T2)** - 60% drawings were submitted and are currently under review for graphic standards compliance.
3. **Lockwood, Andrews & Newnam (W1B)** - 60% drawings were submitted and are currently under review for graphic standards compliance.
4. **R.G. Miller (C4)** - Review of the 60% drawings for graphic standards compliance was completed and comments were returned to the design consultant.
5. **AECOM (HSPS and GSTs)** - 90% drawings and specifications were reviewed and comments were returned to the design consultant. Comments are being addressed and 100% drawings and specifications are scheduled to be submitted in September 2012.
6. **Freese and Nichols (RWI)** - 90% drawings and specifications were reviewed and comments were returned to the design consultant. Comments are being addressed and 100% drawings and specifications are scheduled to be submitted in September 2012.
7. **HDR (SWTP)** - 60% drawings and specifications were reviewed and comments were returned to the design consultant.



As final design continues and milestone submittals are received, the GRP Program Team will review and provide comments, as applicable to each submittal. The review will be based on submittal compliance with the GRP Program's Design Standards and Criteria Manual, completeness per Program Management Plan (PMP) Section 14.0 – Quality Management and PMP Section 21.0 – Design Management, and general project understanding.

Quality Assurance (QA) Audits

Four (4) QA Audits of design consultants were conducted this month by the GRP Program Team's QA Auditor: Freese and Nichols (July 2, 2012), AECOM (July 12, 2012), Kimley-Horn (July 17, 2012) and Espey (July 17, 2012). All scheduled audits of design consultants have been completed except for Dannenbaum and HDR, which will be audited in the next few months. The GRP Program Team may conduct a second QA Audit later in final design or during the construction phase to confirm continued compliance with GRP Program quality standards and requirements.

Pre-Construction

While no new milestone design submittals for the surface water transmission system were made this month, the CM&I consultant will continue to provide pre-construction services through constructability reviews of the 60% and 90% drawings as they are received.

Construction

The SJRA Construction Inspectors continue to perform quality assurance efforts on the active construction projects at or near the SWF site, including regular visits to the project site to monitor and document observed progress and confirm compliance with the construction contract. Similar quality assurance efforts will be performed once construction begins on the SWF, SWRF and surface water transmission system later this year.

6.0 EXHIBITS

Exhibit 1 - GRP Program Schedule

Exhibit 2 - Selected GRP Program Contracts

Exhibit 3 - Monthly GRP Program Financing Report

Exhibit 4 - GRP Unaudited Schedule of Revenues & Expenses - Actual & Budget and Clarification of Actual & Budget Variances

Exhibit 5A - GRP Program Capital Improvements Program Estimate-to-Complete

Exhibit 5B - GRP Program Fund Data

Exhibit 6 - Funding Source Summary

Exhibit 7 - GRP Monthly Forecasted Expenditures for Contracted Services

Exhibit 8 - Estimate at Completion (EAC) for Current Authorizations

Exhibit 9 - Land Acquisition Summary

Exhibit 10 - GRP Program Monthly Meeting Log

Exhibit 11 - GRP Amendments and Change Orders

Exhibit 12 - Construction Photos





Exhibit 2 Selected GRP Program Contracts July 31, 2012

GRP Program Projects - Design										
Engineering Consultant	Project Name	PER Fee	Percent Complete	Metes & Bounds Fee	Percent Complete	Final Design Fee	Percent Complete	CPS Fee	Percent Complete	Engineer's Construction Cost Estimate
Jones & Carter	Transmission Segment T1	\$ 923,031	100%	*		\$ 975,317	65%			\$ 19,251,600
Klotz	Transmission Segment T2	\$ 623,565	100%	\$ 170,848	70%	\$ 819,546	60%			\$ 19,800,000
Espey	Transmission Segment T3	\$ 553,123	100%	\$ 146,847	75%	\$ 855,184	45%			\$ 15,720,000
Lockwood, Andrews, Newnan	Transmission Segment W1	\$ 920,621	100%	\$ 96,690	93%	\$ 1,086,983	65%			\$ 17,600,400
Binkley & Barfield, Inc.	Transmission Segment W2	\$ 956,237	100%	*		\$ 1,360,807	55%			\$ 18,906,300
Cobb Fendley	Transmission Segment W3	\$ 1,161,967	100%	\$ 535,228	40%	\$ 1,555,247	60%			\$ 19,935,207
LJA	Transmission Segment W4	\$ 364,730	100%	*		\$ 528,856	15%			\$ 6,716,718
Dannenbaum	Transmission Segment C1	\$ 822,823	100%	*		\$ 490,523	10%			\$ 6,455,000
Schaumburg & Polk	Transmission Segment C2	\$ 1,003,246	100%	\$ 309,980	50%	\$ 685,068	50%			\$ 13,994,727
Kimley-Horn	Transmission Segment C3	\$ 490,657	100%	\$ 159,740	30%	\$ 616,103	50%			\$ 7,420,000
R.G. Miller	Transmission Segment C4	\$ 217,507	100%	\$ 18,016	50%	\$ 281,449	70%			\$ 4,640,156
Malcolm Pirnie	Receiving Facilities	\$ 598,651	100%	*		\$ 1,209,451	55%			\$ 9,427,000

*Metes and bounds efforts are included in the final design survey work order.



Exhibit 2 Selected GRP Program Contracts July 31, 2012

GRP Program Projects - Design										
Engineering Consultant	Project Name	PER Fee	Percent Complete	Metes & Bounds Fee	Percent Complete	Final Design Fee	Percent Complete	CPS Fee	Percent Complete	Engineer's Construction Cost Estimate
HDR, Inc.	Water Treatment Plant	\$ 3,104,114	99%			\$ 7,694,130	60%			\$ 135,000,000
AECOM, Inc.	High Service Pump Station	\$ 1,224,776	100%			\$ 1,872,583	100%	\$ 940,719.00	0%	\$ 39,960,000
Freeze and Nichols, Inc.	Raw Water Intake and Pump Station	\$ 1,249,700	100%			\$ 1,284,900	100%	\$ 810,800.00	0%	\$ 21,000,000
ACES	Access Rd. & San. Swr. Relocation; Temp. SWF Access Rd.					\$ 435,000	100%	\$ 50,000.00	58%	\$ 577,000; \$ 1,500,000
EMA, Inc.	Fiber Optic System	\$ 161,390	100%			\$ 279,899	45%			\$ 5,364,000
TOTALS		\$ 14,376,138	-	\$ 1,437,349	-	\$ 22,031,046	-	\$ 1,801,519	-	\$ 363,268,108



Exhibit 2 Selected GRP Program Contracts July 31, 2012

GRP Program Consultant Contracts			
Engineering Consultant	Program Consultant Service	Total Fee of Work Orders	Percent Complete
Brown & Gay Engineers	Program Management	\$ 7,244,751	52%
Raba Kistner	Geotechnical	\$ 145,260	35%
LandTech	Survey	\$ 514,524	87%
Halff	Environmental	\$ 1,065,324	100%
Property Acquisition Services	Land Acquisition	\$ 1,415,550	26%
V&A	Cathodic Protection	\$ 511,978	40%
KDM	Land Acquisition	\$ 401,700	29%
Andrews Kurth	Legal	\$ 900,000	79%
Mike Bellar	Legal	\$ 100,000	19%
Brown & Caldwell	CMAR Contract Development Assistance	\$ 118,286	71%
Greenburg Traurig	Legal	\$ 200,000	47%
AECOM	Transient	\$ 311,400	57%
McCarthy	CMAR	\$ 42,874,840	24%
KBR	CM&I	\$ 533,433	39%
Total		\$ 56,337,045	



Exhibit 2 Selected GRP Program Contracts July 31, 2012

GRP Program Projects - Construction			
Construction Project	Construction Contractor	Contract Amount	Percent Complete
GRP Building No. 1	Brookstone	\$ 1,999,728	93%
GRP Temporary Access Road	Lindsey Construction	\$ 975,897	95%
Aqua Texas Sanitary Sewer and Road Relocation	Randy Roan	\$ 522,733	94%
GRP Building No. 1 Fiber Line	Preferred Technologies	\$ 3,606	95%
Total		\$ 3,501,963	



Exhibit 3

Monthly GRP Program Financing Report

Fiscal Year 2012

Through 7/31/2012

	WIF Funds	2011 Special Projects Revenue Bonds	TWDB 2011 'D' Fund	2012 Special Projects Revenue Bonds	Totals
A. Program Budget					
Bond Issue Amount	\$ 21,500,000.00	\$ 83,430,358.49	\$ 67,470,000.00	\$ 175,000,000.00	\$ 347,400,358.49
Total Investment	\$ 21,500,000.00	\$ 83,430,358.49	\$ 67,470,000.00	\$ 175,000,000.00	\$ 347,400,358.49
B. Contracted Costs					
Contracts Completed	\$ 14,461,676.50	\$ 1,532,735.94	\$ -		\$ 15,994,412.44
Current Contract Values	\$ 6,549,465.34	\$ 51,217,165.49	\$ 36,592,016.90		\$ 94,358,647.73
Change Orders	\$ -	\$ 274,669.58	\$ -		\$ 274,669.58
Project Close Out	\$ (197,336.66)	\$ (301,787.28)	\$ -		\$ (499,123.94)
Total	\$ 20,813,805.18	\$ 52,722,783.73	\$ 36,592,016.90	\$ -	\$ 110,128,605.81
C. Expenditures					
Paid Previous Fiscal Years	\$ 8,359,940.89	\$ 85,949.90	\$ -	\$ -	\$ 8,445,890.79
Paid Current Fiscal Year	\$ 11,577,538.92	\$ 21,240,196.02	\$ 242,086.86	\$ -	\$ 33,059,821.80
Issuance Costs	\$ 470,337.08	\$ 2,049,764.39	\$ 751,195.33	\$ 971,769.13	\$ 4,243,065.93
Capitalized Interest	\$ -	\$ 7,858,241.52	\$ 5,166,233.00	\$ 12,869,175.00	\$ 25,893,649.52
Total	\$ 20,407,816.89	\$ 31,234,151.83	\$ 6,159,515.19	\$ 13,840,944.13	\$ 71,642,428.04
D. Remaining					
Uncontracted Funds	\$ 215,857.74	\$ 20,799,568.85	\$ 24,960,554.77	\$ 161,159,055.87	\$ 207,135,037.23
Fund Balance *	\$ 1,092,183.11	\$ 52,196,206.66	\$ 61,310,484.81	\$ 161,159,055.87	\$ 275,757,930.45

*Excluding net investment income

Exhibit 4

San Jacinto River Authority Groundwater Reduction Plan

Unaudited Schedule of Revenues & Expenses - Actual & Budget For the Ten Months Ending June 30, 2012

	June			Year To Date		
	Actual	Budget	Variance	Actual	Budget	Variance
OPERATING REVENUES						
Water sales						
GRP pumping fees	\$ 1,738,050.90	\$ 1,271,888.50	\$ 466,162.40	\$ 11,757,299.78	\$ 11,552,235.25	\$ 205,064.53
TOTAL OPERATING REVENUES	1,738,050.90	1,271,888.50	466,162.40	11,757,299.78	11,552,235.25	205,064.53
OPERATING EXPENSES						
Payroll & employee benefit expenses	137,361.48	229,796.47	92,434.99	1,410,653.87	2,360,209.22	949,555.35
Professional fees	7,072.87	18,922.00	11,849.13	11,901.55	512,620.00	500,718.45
Purchased & contracted services	28,300.56	27,717.00	(583.56)	99,506.52	325,666.00	226,159.48
Supplies, materials & utilities	10,121.19	17,838.75	7,717.56	1,746,088.03	2,402,246.50	656,158.47
Maintenance repairs, parts & rentals	1,202.28	1,167.33	(34.95)	12,057.71	11,665.30	(392.41)
General & administration	164,242.00	84,439.88	(79,802.12)	571,541.62	844,398.80	272,857.18
TOTAL OPERATING EXPENSES	348,300.38	379,881.43	31,581.05	3,851,749.30	6,456,805.82	2,605,056.52
NON-OPERATING REVENUES & EXPENSES						
Investment Income	41,889.94	15,410.33	26,479.61	428,786.96	154,103.30	274,683.66
Other revenues	905.00		905.00	1,474.16		1,474.16
Depreciation	(3,594.22)		(3,594.22)	(33,757.76)		(33,757.76)
Interest expense	(1,049,826.12)	(144,458.67)	(905,367.45)	(5,126,745.91)	(4,651,857.53)	(474,888.38)
Amortized debt issuance expense	(10,947.33)		(10,947.33)	(98,974.06)		(98,974.06)
TOTAL NON-OPERATING	(1,021,572.73)	(129,048.34)	(892,524.39)	(4,829,216.61)	(4,497,754.23)	(331,462.38)
NET INCOME (LOSS)	\$ 368,177.79	\$ 762,958.73	\$ (394,780.94)	\$ 3,076,333.87	\$ 597,675.20	\$ 2,478,658.67

Exhibit 4
GRP Division
Clarification of Actual & Budget Variances
(in thousands)

Category	Driver	May 2012	June 2012	FYTD 2012
GRP Pumping Fees	Usage variance due to weather conditions.	183	466	205
Payroll and related expenses	Budgeted positions not filled as quickly as desired.	89	89	950
Professional Fees	Legal expenses budgeted straight-line, fees billed on an annual basis. FY13 budget strategy adjusted.	1	10	359
	Staffing Services expenses less than budgeted, driven by positions not being filled as quickly as desired.	1	2	142
Purchased & Contracted Services	Recruiting expenses not incurred that were anticipated. Reduced projected spend in FY13.	24	2	226
Supplies, Materials, Utilities, Maintenance, Repairs, Parts & Rentals	Additional Water Supply, Trinity River	-	-	500
	Reservation Fees 2011 true-up	-	-	82
	Travel, fuel, office supplies, phones, utilities, and misc. expenses less than budgeted.	10	8	74
General & Administration	Allocated labor and related expenses less than budgeted, anticipated a quicker rate of growth than has been actualized.	36	(80)	273
Non-Operating	Bond interest expense, budget strategy adjusted for FY13	(309)	(893)	(331)
		36	(395)	2,479

Exhibit 5A

GRP Program Capital Improvements Program Estimate-to-Complete

SERVICES	ESTIMATE-TO-COMPLETE
Pre-Engineering Phase Services (GRP Development, Environmental Studies, Pilot Plant, Surface Water Treatment Plant Site Survey)	\$ 4,747,354
Engineering Phase Services (Planning, Preliminary Engineering, Final Engineering, Geotechnical, Survey, Metes & Bounds, Subsurface Utility Investigation, Environmental)	\$ 41,374,049
Construction Phase Services (Early Equipment Procurement, Engineering Services During Construction, Construction Management & Inspection [Transmission System], Construction Administration & Inspection [SWF], Material Testing)	\$ 35,469,790
Construction (Surface Water Transmission System, Raw Water Intake and Pump Station, Surface Water Treatment Plant, High Service Pump Station and Ground Storage Tanks, Surfacewater Receiving Facilities, Infrastructure, Buildings, Roadways, Site Security, Access Roadways)	\$ 357,308,503
Building No. 1; Access Road; Vegetative Buffer; Construction Materials Testing; SWF Site Vegetation Management; Sanitary Sewer/Access Rd. Relocation	\$ 10,436,180
Transmission Segment C1 - Construction	\$ 6,727,315
Transmission Segment C2 - Construction	\$ 13,679,846
Transmission Segment C3 - Construction	\$ 7,253,050
Transmission Segment C4 - Construction	\$ 4,557,795
Transmission Segment T1 - Construction	\$ 18,818,439
Transmission Segment T2 - Construction	\$ 19,354,500
Transmission Segment T3 - Construction	\$ 15,366,300
Transmission Segment W1 - Construction	\$ 17,204,000
Transmission Segment W2 - Construction	\$ 20,410,200
Transmission Segment W3 - Construction	\$ 19,486,665
Transmission Segment W4 - Construction	\$ 6,565,592
Receiving Facilities - Construction	\$ 11,979,360
SWF Work Package No. 2	\$ 32,528,047
SWF Work Package No. 3	\$ 62,672,059
SWF Work Package No. 4 (GMP)	\$ 65,948,809
Transmission System Fiber Optic - Construction	\$ 5,364,000
Permanent Access Roadway Construction	\$ 7,820,000
Contingency - Nonproject Specific	\$ 11,136,346
Program Management (GRP Program Management, Survey, Geotechnical, Transient, Corrosion, Legal Consultants)	\$ 13,329,215
Land Acquisition (Legal, Appraisal, Title Research, Land Acquisition Consultants)	\$ 35,849,120
Total:	\$ 488,078,031

Bond issuance costs are not included.



Exhibit 5B

GRP Program Fund Data

August 20, 2012

Funding Source	Amount Authorized by Board To-Date	Interest Rate	Bond Costs	Capitalized Interest	Debt Service Reserve Fund	Amount Currently Available	Pending Funding Source	Invoiced To-Date	Remaining Amount
WIF Bond Issue	\$ 21,500,000.00	.854% - 2.706%	\$ 470,337.08			\$ 21,029,662.92		\$ 20,034,331.65	\$ 995,331.27
Open Market Bond Issue	\$ 83,430,358.49	3% - 5.25%	\$ 2,049,764.39	\$ 7,858,241.52		\$ 73,522,352.58		\$ 23,023,439.39	\$ 50,498,913.19
TWDB Dfund Series 2011A	\$ 67,470,000.00	1.22% - 4.97%	\$ 751,195.33	\$ 5,166,233.00		\$ 61,552,571.67		\$ 291,446.86	\$ 61,552,571.67
TWDB Dfund Series 2012	\$ 175,000,000.00	1.17% - 4.62%	\$ 971,769.13	\$ 12,869,175.00		\$ 161,159,055.87		\$ -	\$ 161,159,055.87
TWDB Dfund Series 2012A (Est.)	\$ 165,000,000.00	4.70%	\$ 961,910.00	\$ 14,737,260.00	\$ 20,657,853.00	\$ -	\$ 128,642,977.00	\$ -	\$ 128,642,977.00
TWDB Series 2013 WIF (Est.)	\$ 50,000,000.00	3.06%	\$ 679,500.00	\$ 2,626,340.00	\$ 3,790,490.00	\$ -	\$ 42,903,670.00	\$ -	\$ 42,903,670.00
Totals	\$ 562,400,358.49		\$ 5,884,475.93	\$ 43,257,249.52	\$ 24,448,343.00	\$ 317,263,643.04	\$ 171,546,647.00	\$ 43,349,217.90	\$ 445,752,519.00

Notes:

1. These value do not include investment income.
2. Red items are estimates only.
3. Series 2011 bond costs include \$681,132.45 for bond insurance and \$459,709.50 for underwriter's discount.



Exhibit 6 Funding Source Summary August 20, 2012

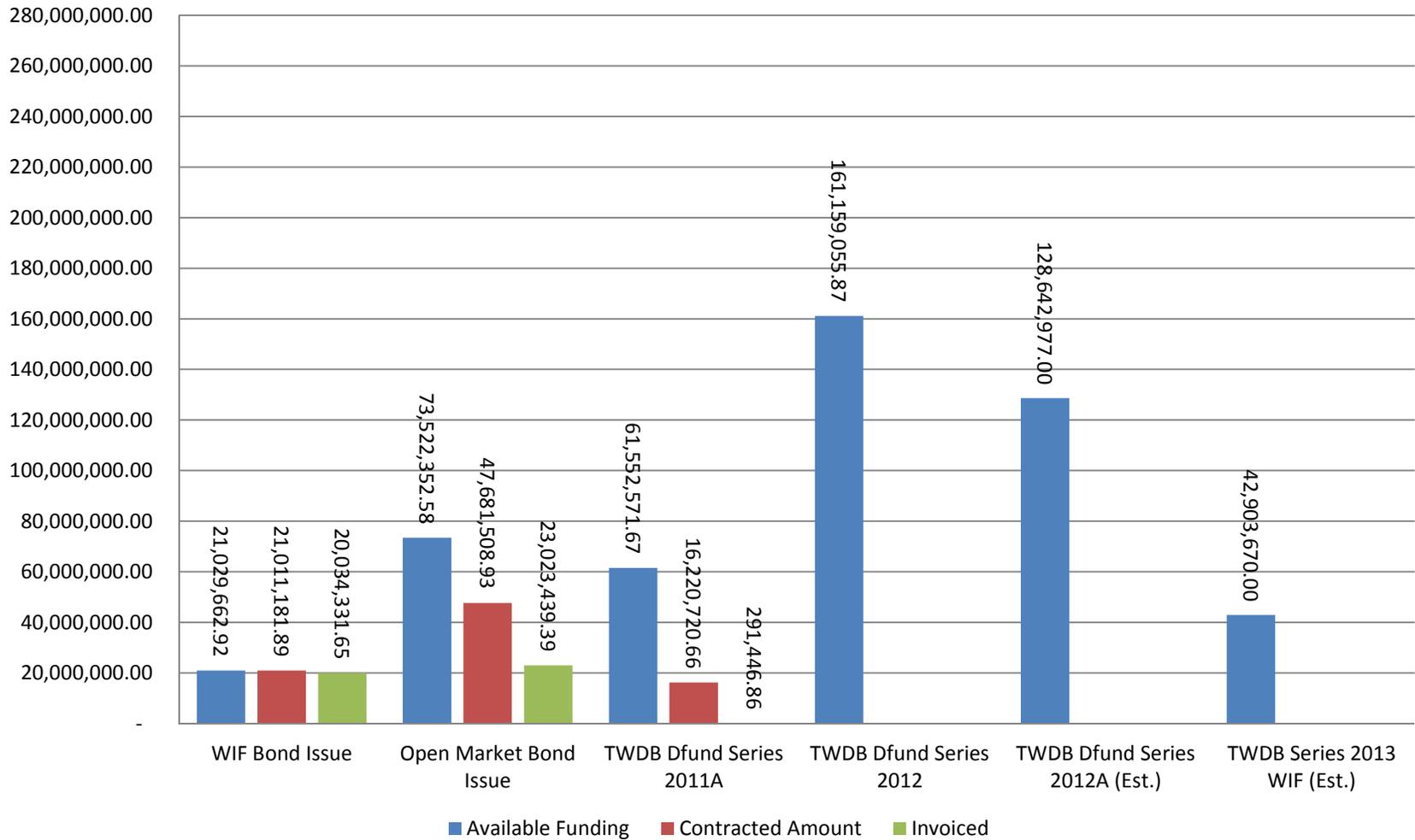




Exhibit 7 GRP Program Monthly Forecasted Expenditures for Contracted Services August 20, 2012

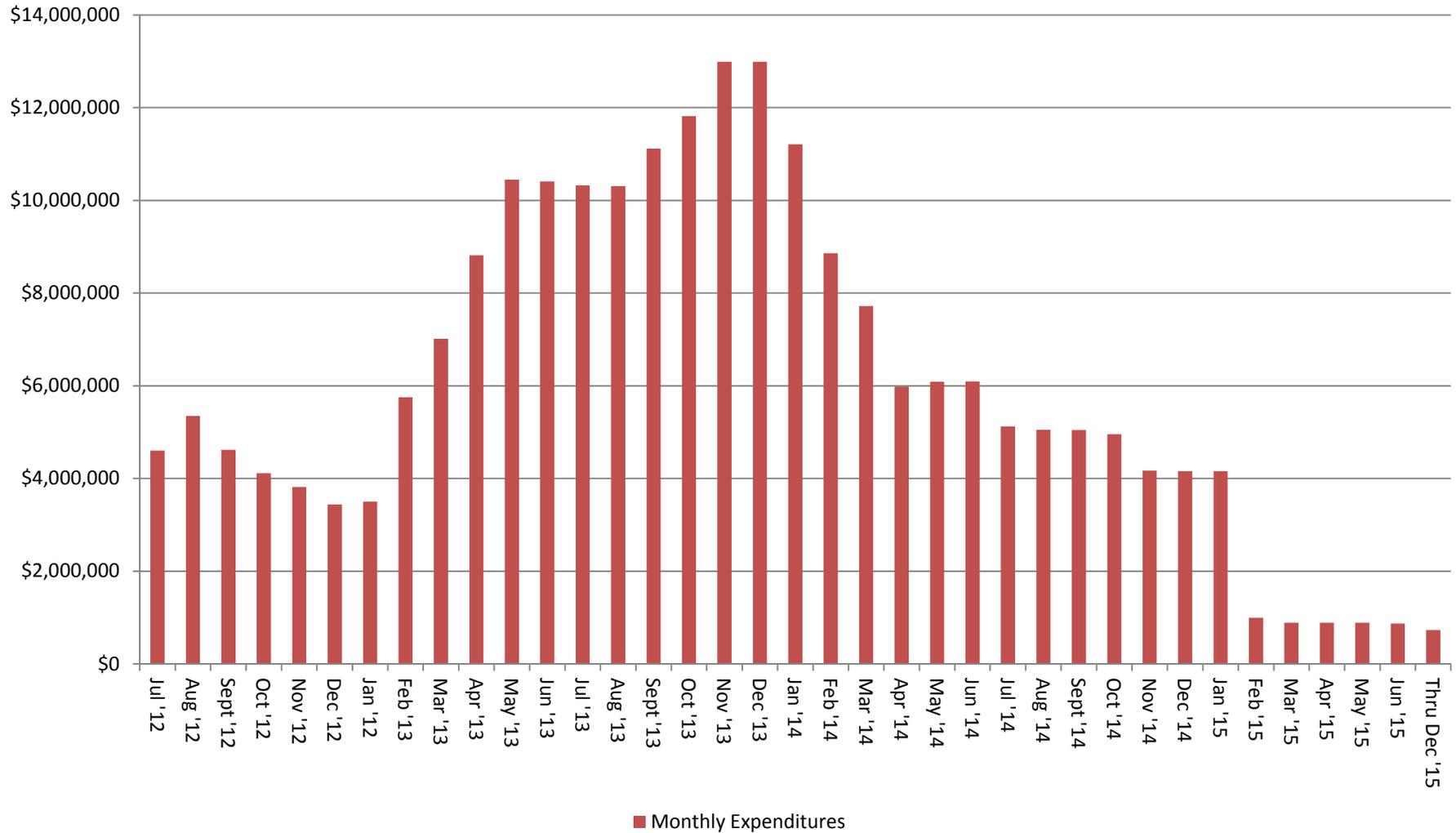




Exhibit 8

Estimate at Completion (EAC) for Current Authorizations

July 31, 2012

Surface Water Transmission System

Project	Firm	Amount Authorized by Board	Board Authorized Modifications		Forecasted Modification Amount	Estimate at Completion (EAC)
			Dollars	%		
T1	Jones & Carter	\$ 1,898,348.00		0.0%		\$ 1,898,348.00
T2	Klotz	\$ 1,613,958.55		0.0%		\$ 1,613,958.55
T3	Espey	\$ 1,555,154.42		0.0%		\$ 1,555,154.42
W1	LAN	\$ 2,104,294.00		0.0%		\$ 2,104,294.00
W2	Binkley & Barfield	\$ 2,317,043.55		0.0%		\$ 2,317,043.55
W3	Cobb Fendley	\$ 3,252,441.50		0.0%		\$ 3,252,441.50
W4	LJA	\$ 876,011.82	\$ 17,574.56	2.0%		\$ 893,586.38
C1	Dannenbaum	\$ 822,823.00		0.0%		\$ 822,823.00
C2	Schaumburg & Polk	\$ 1,790,745.97	\$ 207,547.98	11.6%		\$ 1,998,293.95
C3	Kimley-Horn	\$ 1,234,193.45	\$ 32,307.28	2.6%		\$ 1,266,500.73
C4	R.G. Miller	\$ 516,971.97		0.0%		\$ 516,971.97
WRFs	Malcolm Pirnie/Arcadis	\$ 1,808,102.00		0.0%		\$ 1,808,102.00
CM&I	KBR	\$ 533,432.62		0.0%		\$ 533,432.62
Subtotal - Surface Water Transmission System		\$ 20,323,520.85	\$ 257,429.82	1.3%	\$ -	\$ 20,580,950.67

Surface Water Facilities

Project	Firm	Amount Authorized by Board	Board Authorized Modifications		Forecasted Modification Amount	Estimate at Completion (EAC)
			Dollars	%		
WTP	HDR	\$ 13,590,846.00	\$ 271,719.00	2.0%		\$ 13,862,565.00
HSPS	AECOM	\$ 4,479,789.00		0.0%		\$ 4,479,789.00
RWI&PS	Freese and Nichols	\$ 3,891,170.00		0.0%		\$ 3,891,170.00
CMAR	McCarthy	\$ 42,874,840.00		0.0%		\$ 42,874,840.00
CA&I	CDM	\$ 5,348,633.00		0.0%		\$ 5,348,633.00
Subtotal - Surface Water Facilities		\$ 70,185,278.00	\$ 271,719.00	0.4%	\$ -	\$ 70,456,997.00



Exhibit 8

Estimate at Completion (EAC) for Current Authorizations

July 31, 2012

Program Consultant Services & Other Projects

Project	Firm	Amount Authorized by Board	Board Authorized Modifications		Forecasted Modification Amount	Estimate at Completion (EAC)
			Dollars	%		
Prog Mgmt	Brown & Gay	\$ 7,244,751.00		0.0%		\$ 7,244,751.00
Prog Survey	Landtech	\$ 514,524.00		0.0%		\$ 514,524.00
Prog Geo	Raba Kistner	\$ 145,260.00		0.0%		\$ 145,260.00
Prog Tran	AECOM	\$ 224,100.00	\$ 150,000.00	66.9%		\$ 374,100.00
Access Rd	ACES	\$ 435,000.00		0.0%		\$ 435,000.00
Access Rd	S&V Survey	\$ 66,875.00		0.0%		\$ 66,875.00
Land Acq	KDM	\$ 359,995.00	\$ 41,705.00	11.6%		\$ 401,700.00
Land Acq	PAS	\$ 1,415,550.00		0.0%		\$ 1,415,550.00
Prog Env	Halff	\$ 1,022,192.00	\$ 43,131.52	4.2%		\$ 1,065,323.52
Prog Fiber	EMA	\$ 441,289.00		0.0%		\$ 441,289.00
Prog Corr	V&A	\$ 511,978.00		0.0%		\$ 511,978.00
Prog Svcs & Projs	Other Program Services & Projects	\$ 2,527,447.08		0.0%		\$ 2,527,447.08
Subtotal - Program Consultant Services & Other Projects		\$ 14,908,961.08	\$ 234,836.52	1.6%	\$ -	\$ 15,143,797.60

Construction Contracts

Project	Firm	Amount Authorized by Board	Board Authorized Modifications		Forecasted Modification Amount	Estimate at Completion (EAC)
			Dollars	%		
GRP Bldg #1	Brookstone	\$ 2,009,900.00	\$ (10,172.00)	-0.5%		\$ 1,999,728.00
Bldg #1 CMT	Aviles	\$ 48,193.60		0.0%		\$ 48,193.60
Landscape Buffer	KeyScape	\$ 47,490.00		0.0%		\$ 47,490.00
Temp Access Road	Lindsey Construction	\$ 986,431.00	\$ (10,534.15)	-1.1%		\$ 975,896.85
Access Road CMT	Terracon Consultants	\$ 12,842.50		0.0%		\$ 12,842.50
Aqua Texas Sewer	Randy Roan	\$ 516,650.50	\$ 6,082.17	1.2%		\$ 522,732.67
Aqua Texas CMT	Aviles	\$ 31,057.20		0.0%		\$ 31,057.20
Bldg #1 Fiber Line	Preferred Technologies	\$ 257,339.65		0.0%		\$ 257,339.65
SWF EWP2 CMT	Geotest	\$ 740,985.00		0.0%		\$ 740,985.00
Other	Other Construction Contracts	\$ 14,680.80		0.0%		\$ 14,680.80
Subtotal - Construction Contracts		\$ 4,665,570.25	\$ (14,623.98)	-0.3%	\$ -	\$ 4,650,946.27

Totals

	Amount Authorized by Board	Board Authorized Modifications		Forecasted Modification Amount	Estimate at Completion (EAC)
		Dollars	%		
Subtotal - Surface Water Transmission System	\$ 20,323,520.85	\$ 257,429.82	1.3%	\$ -	\$ 20,580,950.67
Subtotal - Surface Water Facilities	\$ 70,185,278.00	\$ 271,719.00	0.4%	\$ -	\$ 70,456,997.00
Subtotal - Program Consultant Services & Other Projects	\$ 14,908,961.08	\$ 234,836.52	1.6%	\$ -	\$ 15,143,797.60
Subtotal - Construction Contracts	\$ 4,665,570.25	\$ (14,623.98)	-0.3%	\$ -	\$ 4,650,946.27
Total	\$ 110,083,330.18	\$ 749,361.36	0.7%	\$ -	\$ 110,832,691.54



Exhibit 9 Land Acquisition Summary July 31, 2012

Project	Anticipated Number of Easements to Acquire	Easements Acquired This Month	Easements Acquired Total
Transmission System Segment T1	47	2	8
Transmission System Segment T2	1	0	0
Transmission System Segment T3	8	0	0
Transmission System Segment C1	12	0	0
Transmission System Segment C2	98	0	0
Transmission System Segment C3	32	0	0
Transmission System Segment C4	5	0	0
Transmission System Segment W1	41	0	0
Transmission System Segment W2	1	0	0
Transmission System Segment W3	171	0	0
Transmission System Segment W4	15	0	0
Totals:	431	2	8



Exhibit 10 GRP Program Monthly Meeting Log July 31, 2012

Meeting	Agenda	Location	Date	Participants
AECOM CMAR Workshop 1	GST CFD Modeling complete with satisfactory results, details of chemical trenches to be used for chemical lines routed thru site, coordination of EWP3 submittal.	SJRA G&A Office	Tuesday July 10, 2012	AECOM, McCarthy, GRP Program Team staff
FNI CMAR Workshop 1	TCEQ comments from Dam Safety group, security details, corrosion protection coordination with V&A, coordination of EWP3 submittal	SJRA G&A Office	Tuesday July 10, 2012	FNI, McCarthy, GRP Program Team staff
HDR CMAR Workshop 1	Design of chemical trench, coordination with fire marshal, backwash waste clarifier removal from solids process treatment, Pall membrane shop drawing changes, chemical and sanitary waste flows, TCEQ approval of plate settler load rating	SJRA G&A Office	Wednesday July 11, 2012	HDR, McCarthy, GRP Program Team staff



Exhibit 10 GRP Program Monthly Meeting Log July 31, 2012

Meeting	Agenda	Location	Date	Participants
Segment T1 Post Quality Assurance Audit Conference		SJRA G&A Office	Thursday July 12, 2012	Jones & Carter, GRP Program Team staff
Mid-South Synergy Relocation Coordination Meeting		SJRA G&A Office	Friday July 13, 2012	Mid-South Synergy, GRP Program Team staff
Traffic Management Plan Meeting		SJRA G&A Office	Friday July 13, 2012	KBR, GRP Program Team staff
Segment C3 Quality Assurance Audit		Kimley-Horn Office	Tuesday July 17, 2012	Kimley-Horn, GRP Program Team staff
Segment T3 Quality Assurance Audit		Espey Office	Tuesday July 17, 2012	Espey, GRP Program Team staff
Consolidated Fiber Optic Meeting		SJRA G&A Office	Thursday July 19, 2012	Consolidated Communications, GRP Program Team staff
Fire Alarm Coordination		SJRA G&A Office	Thursday July 19, 2012	Brookstone, GRP Program Team staff
Traffic Management Plan Meeting		SJRA G&A Office	Friday July 20, 2012	Montgomery County stakeholders, KBR, GRP Program Team staff
GRP Program Review Committee Meeting		SJRA G&A Office	Monday July 23, 2012	Review Committee, GRP Program Team staff, general public
Copano Energy Meeting		Copano Energy Office	Monday July 23, 2012	Copano Energy, Half, GRP Program Team staff
Underground Fuel Tank Location		Chevron Station	Tuesday July 24, 2012	LAN, PAS, GRP Program Team staff and land owner



Exhibit 10 GRP Program Monthly Meeting Log July 31, 2012

Meeting	Agenda	Location	Date	Participants
AECOM CMAR Workshop 2	Pump procurement and evaluation procedures, specification manufacturers for motor vibration sensors, south fence, specification and drawing changes from	SJRA G&A Office	Tuesday July 24, 2012	AECOM, McCarthy, GRP Program Team staff
FNI CMAR Workshop 2	Pump procurement and evaluation procedures, specification manufacturers for motor vibration sensors, TCEQ and TWDB approvals, specification and drawing changes from EWP2 to EWP3	SJRA G&A Office	Tuesday July 24, 2012	FNI, McCarthy, GRP Program Team staff
HDR CMAR Workshop 2	Sanitary and process sewer requirements, TCEQ GAC pilot testing requirements, fire marshal response letter, coatings on interior building walls, chemical trench design	SJRA G&A Office	Wednesday July 25, 2012	HDR, McCarthy, GRP Program Team staff



Exhibit 10 GRP Program Monthly Meeting Log July 31, 2012

Meeting	Agenda	Location	Date	Participants
Segment T1 Dam Site Construction Presentation		SJRA G&A Office	Wednesday July 25, 2012	Jones & Carter, KBR, GRP Program Team staff, Lake Conroe Division, G&A Division
Monthly Northern Montgomery County GRP Program Technical Status Meeting		SJRA G&A Office	Wednesday July 25, 2012	Joint GRP Participant representatives, GRP Program Team staff
Staffing Plan Initial Discussions		SJRA G&A Office	Thursday July 26, 2012	KBR, GRP Program Team staff
Monthly Southern Montgomery County GRP Program Technical Status Meeting		SJRA Woodlands Office	Thursday July 26, 2012	Joint GRP Participant representatives, GRP Program Team staff
SJRA Board of Directors Meeting		SJRA G&A Office	Thursday July 26, 2012	SJRA Board of Directors, GRP Program Team staff, general public
Surface Water Facilities Groundbreaking		SJRA GRP Building #1	Tuesday July 31, 2012	SJRA Board of Directors, GRP Program Team consultants, GRP Program Team staff, local elected officials



Exhibit 11

GRP Amendments and Change Orders

July 31, 2012

Project	Proposal Number	Modification Number	Description	Modification		Approval Date
				Amount	Days	
Construction Manager At Risk	N/A	McCarthy Construction Contract Amendment 2	Early Work Package #2 - concrete and earthwork	\$ 32,528,047	0	7/26/2012



Exhibit 12 Construction Photos July 2012



July 2, 2012 – SWF Access Road Construction



July 19, 2012 – SWF Access Road Construction



July 12, 2012 – SWF Access Road Entrance At Longmire Rd.



July 19, 2012 – SWF Access Road Entrance



Exhibit 12 Construction Photos July 2012



July 5, 2012 – GRP Building No. 1 Parking Lot



July 19, 2012 – GRP Building No. 1 Interior



July 19, 2012 – GRP Building No. 1 Interior



July 24, 2012 – GRP Building No. 1 Kitchen



Exhibit 12 Construction Photos July 2012



July 30, 2012 – GRP Building No. 1 Concrete Floor



July 27, 2012 – GRP Building No. 1 IDF Closet



July 30, 2012 – GRP Building No. 1 Restroom



July 31, 2012 - GRP Building No. 1 Conference Room