



Luce Bayou Interbasin Transfer Project

August 2009 Status Report

AECOM

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Agenda

- Environmental and Permitting
- Engineering
- ROW Acquisition
- Schedule
- Project Team
- Budget Summary
- HUB/MWDBE Participation
- Stakeholders Communication

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Environmental and Permitting

- Conducted field visit to the proposed canal discharge location into Lake Houston.
- Collaborated with TPWD/USFWS to provide update to estimate of potential wetlands impacts.

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Environmental and Permitting

- Met with TWDB to resolve environmental permitting and NEPA documentation requirements.
- Continue to refine wetland estimates for impacted areas based on field work, USACE hydric soil classification requirements, and evaluation of agricultural and irrigated field wetlands.

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Environmental and Permitting

- Met with TCEQ to provide update of estimate of potential wetland impacts and obtain concurrence concerning preservation of Harrison property for mitigation.
- Environmental surveys for parcels with “Right of Entry” approval are 85% complete.

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Environmental and Permitting

- Developing wetland mitigation report for Harrison property with updated field data.
- Preparing “Preliminary Jurisdiction Determination” (PJD) for completed wetland survey areas, including the pump station site.

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Engineering

- Finalized and distributed “Feasibility Study” for NEWPP Direct Connect.
- Refined horizontal and vertical pipeline alignment. Preparing Plan/Profile sheets.
- Made minor revision to canal alignment to reflect environmental constraints.

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Engineering

- Continued work on preliminary construction cost estimates for inclusion in the PER.
- Refined pump strategy, including selecting the number and individual capacity of the pumps.
- Analyzed preliminary results of hydraulic and sediment transport modeling efforts.

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Engineering

- Began developing preliminary design and footprint of raw water intake.
- Began developing exhibits of basic pump bay dimensions.
- Continued development of preliminary “Operations Plan”.

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Engineering

- Continued geotechnical field work along the canal route and at the planned pump station site.
- Continued canal/pipeline route access planning.
- Beginning design activities to support USACOE Permit Application.

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ROW Acquisition

- Completed surveying, Phase 1 environmental reports, and appraisals for all priority “A” parcels.
- Issued offer letters to all priority “A” property owners.
- Condemnation initiated for identified tracts.

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ROW Acquisition

- Initiated surveying and Phase 1 environmental field work on priority “B” parcels.
- Continued correspondence with property owners along the canal corridor to request access for environmental and ROW surveying.
- Updated property acquisition database.

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ROW Acquisition

	Priority "A" Parcels					Priority "B" Parcels																				
parcel	1	2	3	4	50	51	52	53	54	6	7	8	9	10	11	12	13	14	42	43	44	45	46	48	49	
title report	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete
right of entry	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	in progress	complete	complete	complete	in progress	in progress	complete	complete	complete	complete	complete
survey	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress
phase 1 ESA	complete	complete	complete	complete	complete	complete	complete	complete	complete	complete	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress
appraisal	complete	complete	complete	complete	complete	complete	complete	complete	complete	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress
offer letter	complete	complete	complete	complete	complete	complete	complete	complete	complete	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress	in progress

complete
in progress

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Schedule

Begin tasks in "Work Order No. 7"	March 11, 2009
Resolution of Take Point	Completed June 2009
Complete environmental field work	December 31, 2009
Complete Preliminary Engineering in support of 404 Submittal	March 31, 2010
Joint Evaluation Meeting	October 2009
Submit 404 Application to USACOE	March 31, 2010
Receive USACOE 404 Permit	September 2011 to March 2012

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AECOM Team Members

- WCW International
 - Crouch Environmental
 - J.J. Wagner
 - Robert McFarlane
 - Roger Moore
 - Desco
 - Quadrant
- Isani Group
 - Adept
- RBI
- Fugro
- Universal Field Services
 - Integra
- John Griffin
- Baird
- Espey
- Entech
- HVJ

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HUB/MWDBE Participation (Through May 2009)

<u>Firm</u>	<u>Billings</u>	<u>Percent of AECOM Billings</u>
WCW International	\$746,042	10.19%
Isani Group Adept	\$481,234	6.58%
RBI	\$285,500	3.90%
HVJ	\$28,601	0.39%
Tolunay-Wong	\$10,200	0.14%
Total	\$1,551,577	21.20%

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“Work Order” Summary

Work Order	Authorized	Expended	Status
One	\$200,000	\$200,000	Closed
Two	\$825,000	\$599,127	Closed
Three	\$830,000	\$546,152	Closed
Four	\$163,000	\$163,000	Closed
Five	\$840,000	\$801,773	Closed
Six	\$2,000,000	\$1,970,978	Closed
Seven	\$10,105,500	\$3,036,947	Ongoing
Totals	\$14,963,500	\$7,317,977	

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Stakeholder Communication

- Teleconference conducted on August 4
 - Discussed “Direct Connect” Feasibility Study
 - Cost/Benefit needs to be quantified.
 - COH to meet with Water Authorities.
 - Next Teleconference scheduled for September 1
- TRC to meet once “draft” PER is finalized.
 - Targeting October/November 2009
 - When PER is approved by COH, CWA will
 - Begin “Phase II – Final Design”; and
 - Seek release of escrowed WIF #1 funds from TWDB