

August 12, 2010

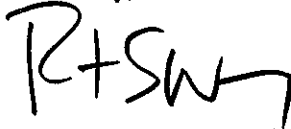
Harris County Municipal Utility District No. 136  
c/o Fulbright & Jaworski L.L.P.  
1301 McKinney, Suite 5100  
Houston, Texas 77010-3095

**Subject: Monthly Status Report**  
AECOM No. 60154073

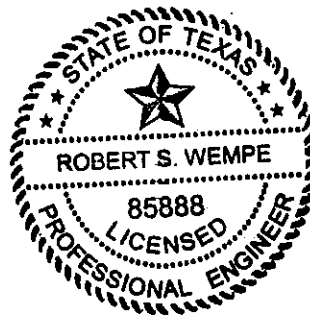
Dear Directors:

Attached, please find AECOM's status report through August 12, 2010.

Sincerely,



Robert S. Wempe, PE  
Principal  
AECOM Technical Services, Inc.  
TBPE Registration # F-3580



Attachments

**Harris County Municipal Utility District No. 136  
August 12, 2010 Board Meeting  
Engineer's Report**

**A. General District**

Our invoice for general services in July is attached.

**B. Jackrabbit WWTP Improvements**

Design is ongoing but Sander Engineering sent a notice that there may be a substantial change in the design as they are now considering constructing a new lift station (see attached email for details). Sander is working on estimate and will provide to us once it is complete.

**C. Water Well 2 Abandonment**

We have two options to consider in the abandonment – capping or plugging. Capping costs less (\$15,000 - \$20,000 versus \$60,000 - \$75,000 for plugging) and also allows us to place the well back into service in the future if ever needed (at a cost). I have attached a summary of both options which outlines the general scope of each and advantages/disadvantages comments.

Check Payment to:  
AECOM USA Inc.  
An AECOM Company  
1178 Payphere Circle  
Chicago IL 60674

ACH Payment to:  
AECOM USA Inc.  
An AECOM Company  
Bank of America  
Account Number 5800937020  
ABA Number 071000039

Wire Transfer Payment to:  
AECOM USA Inc.  
An AECOM Company  
Bank of America  
New York, NY 10001  
Account Number 5800937020  
ABA Number 026009593  
SWIFT CODE BOFAUS3N



5757 Woodway Drive, Suite 101 West, Houston, TX 77057-1699  
Telephone: 713-780-4123 Fax: 713-267-3173

Federal Tax ID No. 13-5511947

August 4, 2010

HARRIS CO MUD #136  
ATTN:  
P.O. Box 842023  
HOUSTON, TX 77284

Client No: 4272  
Project No: 60154073  
Bill No: 12  
Invoice No: 7084027

HCMUD 136 GC 2010

For Professional Services Rendered Through July 23, 2010

Labor	\$1,262.49
Non Labor	25.00
<b>TOTAL CURRENT INVOICE</b>	<b><u>\$1,287.49</u></b>

Funded Amount:	\$27,500.00
Bill To Date:	<u>6,140.71</u>
Remaining Balance:	<u>\$21,359.29</u>

Check Payment to:  
 AECOM USA Inc.  
 An AECOM Company  
 1178 Payphere Circle  
 Chicago IL 60674

ACH Payment to:  
 AECOM USA Inc.  
 An AECOM Company  
 Bank of America  
 Account Number 5800937020  
 ABA Number 071000039

Wire Transfer Payment to:  
 AECOM USA Inc.  
 An AECOM Company  
 Bank of America  
 New York, NY 10001  
 Account Number 5800937020  
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August 4, 2010

HARRIS CO MUD #136  
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For Professional Services Rendered Through July 23, 2010

**LABOR DETAIL**

<u>Employee Title</u>	<u>Employee#</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
ADMINISTRATIVE ASSISTANT.	638331	0.50	71.38	\$35.69
PROJECTS DIRECTOR	637166	6.00	204.47	\$1,226.80
		<b>6.50</b>		<b>\$1,262.49</b>

**NON LABOR DETAIL**

<u>Description</u>	<u>Cost</u>	<u>Multiplier</u>	<u>Amount</u>
Postage & Shipping	\$25.00	1.00	\$25.00
			<b>\$25.00</b>

**TOTAL CURRENT INVOICE** \$1,287.49

**BILLING SUMMARY**

<u>Billing Summary</u>	<u>Current</u>	<u>Prior</u>	<u>Total</u>	<u>Limit</u>	<u>Remain</u>
Billings	\$1,287.49	\$4,853.22	\$6,140.71	\$27,500.00	\$21,359.29
Tax	\$0.00	\$0.00	\$0.00		
<b>Billing Total:</b>	<b>\$1,287.49</b>	<b>\$4,853.22</b>	<b>\$6,140.71</b>		

**OUTSTANDING INVOICES**

<u>Invoice Number</u>	<u>Invoice Date</u>	<u>Amount</u>
7082895	July 19, 2010	\$1,160.31
<b>Total Amount Due:</b>		<b>\$1,160.31</b>

Invoice Summary Detail

July 23, 2010

Wempe

Harris County MUD# 136  
Fmatuska Inc.  
PO Box 842023  
Houston, TX 77284-2023

Client: 4272  
Job No.: 60154073  
Bill No: 12  
Invoice No: 7084027

**2010-HCMUD# 136 General Services**

For Professional Services  
through July 23, 2010

01 General Consultation - Preparation of as-built plan and traffic control plan for waterline repair work on Deerfield Village and Heathersage; coordination with F&J on well 2.

Administrative Asst	0.50 hrs	\$35.69
Project Director	6.00 hrs	<u>\$1,226.80</u>
		<b>\$1,262.49</b>

Postage and shipping		<u>\$25.00</u>
		<b>\$1,287.49</b>

**Billed to Date: \$6,140.71**

**Wempe, Bob**

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**From:** Erik Miller [EMiller@sandereng.com]  
**Sent:** Wednesday, August 11, 2010 3:20 PM  
**To:** Wempe, Bob; Chad Walker ; Dennis Sander ; Donna Hayes ; Frank Garcia ; Howard Cohen ; Mueller, Larry; McKee, Alan  
**Subject:** Jackrabbt Road PUD WWTP CIP Phase IV Improvements

Participants,

We have one major potential change in the design of the Jackrabbt WWTP CIP Phase IV design. After re-evaluating the existing influent lift station and talking with the Operator we are considering constructing a new submersible influent lift station. Reasons for this include:

- 1) The existing wet well has insufficient volume and depth. This is resulting in increased cycle times and the constant surcharging of the incoming lines. Not to mention some real operational headaches during storm events.
- 2) The existing pumps are beginning to fail and will need to be replaced shortly. New submersible pumps will be less expensive and maintenance on them over the long term will be significantly less. The existing suction/discharge piping is also in poor condition and will need to be replaced as the pumps are replaced.
- 3) The submersible pumps will be of lesser HP than the existing pumps. Hopefully, this will lead to decreased size of the new electrical service that was proposed in the PER.
- 4) The original plan of improving access to the dry pit still leaves the problem of working within a very confined space and in miserable conditions.

We have not yet worked out all the details or the additional costs yet. We are currently preparing a cost estimate and will forward as soon as we finalize it. There will be some trade-offs from the original PER, i.e. the footprint of the proposed new control building can be decreased since access to the dry pit will no longer be needed.

I'll keep you informed of how we proceed.

Thank you,  
Erik D. Miller, P.E.  
*Sander Engineering Corporation*  
10555 Richmond Suite 100  
Houston, TX 77042  
713-784-4830

## HARRIS COUNTY MUD 136 – WELL 2

### **Option 1 - Plugging of Well 2**

#### **Work by Well Contractor:**

All well, pump, motor, electrical & other above-ground equipment & facilities are removed.  
The well is permanently plugged with cement.

#### **Advantages or Good Aspects:**

Operator does not have to maintain the well equipment, mowing of site continues.  
Well site is vacant and ready to be used for another purpose or sold.

#### **Disadvantages or Bad Aspects:**

Plugging is permanent, well cannot be rehabilitated or placed back in service, if desired in future.  
Initial cost is higher versus well capping option; preliminary estimated cost \$60,000 to \$75,000.

### **Option 2 - Capping of Well 2**

#### **Work by Well Contractor:**

Only the pump and motor are removed from the well; a steel cap is welded on the well casing.

#### **Advantages or Good Aspects:**

Well can be placed back in service in the future, if needed or desired, with cleaning and disinfection of the well and installation of new or reused pump and motor equipment.  
Operator does not have to maintain the well equipment, mowing of site continues.  
Initial cost is lower versus well plugging option; preliminary estimated cost \$15,000 to \$20,000.

#### **Disadvantages or Bad Aspects:**

Well and well screens will need to be cleaned and disinfected and new or reused pump and motor equipment will need to be installed to place well back in service.  
Estimated costs to place well back in service with pump and motor is \$60,000 to \$100,000.  
Improving water quality would cost another estimated \$200,000 to \$300,000.  
Well site cannot be used for another purpose or sold.