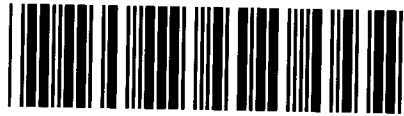




Control Number: 42899



Item Number: 32

Addendum StartPage: 0

42899

August 21, 2014

Attn: TCEQ --Financial and Managerial Review
RE: Application #37894-S
GA/RV Water Works

Green Acres Mobile Home Park &
River View Estates

Reason: Feasibility Study
Green Acres Riverview Water Works

Exhibit "D"

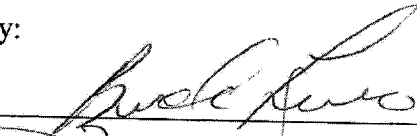
Please review following Feasibility Study as assisted by Mr. Refugio Rodriguez Jr. via TRWA

Pertaining to research that Brenda Lucero is aware of the path needed to correct the following violations in regards to Arsenic before obtaining the Water Company, and is aware of possible future needs of compliance..

We have refrained from applying for any assistance or financial resources, until the transfer of the Water Company from Mr. Terry Bourbon and Brenda Lucero, to avoid any confusion as to whom assumes the responsibility of the Arsenic solution.

Signed and agreed buy:

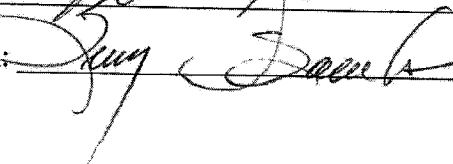
Buyer Brenda Lucero



Date:

8-22-14

Seller, Terry Bourbon:



Date:

8/22/14

omosis
system
\$8500

Information on Cost Options/Feasibility Study Checklist

SYSTEM INFORMATION	
Name of system	Green Acres Riverview Water Works
PWS ID of system	0710066 and 0710067
Responsible official at system (and phone number)	Brenda Lucero Lopez (915) 422- 6466
Contact person at system (and phone number)	Brenda Lucero Lopez (915) 422-6466
System's engineer (if applicable) (and phone number)	System is currently working with several engineers
Ok to Contact?	No specific info at this time
Mailing address of system	
Number of connections	118
Do you provide wholesale service or anticipate providing service?	No
Population	
Do you have access to a sanitary sewer collection system?	No
Design Capacity to Meet Maximum Daily Demand (0.6 gpm/conn x # connections if system does not know)	118 x .6= 71 gallons
Standard(s) violated	yes

POTENTIAL BLENDING OPPORTUNITIES

Is it possible to meet standards by blending water from sources you own or control? NO
(add lines if necessary) (List all sources you currently have access to)

SOURCES THAT VIOLATE:	Constituent Concentration in Listed Source	Quantity of Water Available from Source, Average Daily Production	Quantity of Water Available from Source, Capacity to Meet Maximum Demand

SOURCES THAT DO NOT VIOLATE:	Constituent Concentration in Listed Source	Quantity of Water Available from Source
No other sources		
Total Capacity From Sources That Do Not Violate		

BLENDING SUMMARY

Sources None :	Concentration Blended Source*:	Total Flow:
Is blending existing sources feasible? (Y/N) NO		
Total Capital Cost to make blending possible (pipes, pumps, storage?)	\$	N/A
Total Additional Annual O & M	\$	N/A
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect)]	\$	N/A
O & M cost per connection per month (annual o & m/(# of connec. X 12)	\$	N/A
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	\$	N/A

* NOTES for potential blending opportunities:

pc = pico curies

MCL for Gross Alpha = 15 pc/l

MCL for combined radium 226 and radium 228 = 5 pc/l

Proposed MCL for Uranium = 30 pc/l

Weighted average (Blending) calculation:

S1 = capacity source 1 (gpm)

C1 = concentration source 1 (pc/l)

S2= capacity source 2 (gpm)

C2 = concentration source 2 (pc/l)

SB = capacity blended source = S1 + S2 (gpm)

CB= concentration blended source (pc/l)

$$CB = (S1 \times C1 + S2 \times C2) / (S1 + S2)$$

POTENTIAL PURCHASED WATER SOURCES

Nearest possible PWS to connect to (with water that meets all standards) NONE WITHIN 3 MILES

Name of nearest system	NONE WITH IN RADIUS
PWS ID of nearest system	
Contact person at nearest system (and phone number)	
Distance to nearest system (shortest pipe length)	OVER 3 MILES
Any drinking water standards violations?	NO
Will this system agree to provide water? (Y/N)	NO
QUANTITY of water available from this system	N/A
Total Capital Cost to connect to nearest system	\$ N/A
Total Additional Annual O & M	\$ N/A
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect x 12 mnths)]	\$ N/A
O & M cost per connection per month (annual o & m/(# of connec. X 12)	\$ N/A
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	\$

Other possible PWS to connect to (with water that meets radiochemical standards) within 5 miles

Name of system	EL Paso Utilities but lines may be too far and easement
PWS ID of system	Issues since much is farm land.
Contact person at system (and phone number)	
Distance to system (shortest pipe length)	
Any drinking water standards violations?	
QUANTITY of water available from the system	
Total Capital Cost to connect to nearest system	\$
Total Additional Annual O & M	\$
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect x 12 mnths)]	\$
O & M cost per connection per month (annual o & m/(# of connec. X 12)	\$
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	\$

Add additional pages for other systems within five miles.

POTENTIAL CONSOLIDATION (complete transfer of retail connections) OPPORTUNITIES

Describe any opportunities that may exist to consolidate with nearby partner systems:

Name of partner system	NO SYSTEMS AT THIS TIME INTERESTED
PWS ID of partner system	
Contact person at partner system (and phone number)	
Distance to partner system (shortest pipe length)	
Any drinking water standards violations?	
Describe consolidation opportunity or state "n/a":	

PURCHASE WATER BLENDING OPPORTUNITIES

Is it possible to meet standards by blending water from purchased water sources? YES
(add lines if necessary) (List all sources you currently have access to)

SOURCES THAT VIOLATE: SPOKE ABOUT PURCHASING AND BLENDING THIS IS AN OPTION TO BE REVIEW	Constituent Concentration in Listed Source	Quantity of Water Available from Source, Average Daily Production	Quantity of Water Available from Source, Capacity to Meet Maximum Demand
SOURCES THAT DO NOT VIOLATE:	Constituent Concentration in Listed Source	Quantity of Water Available from Source	
Total Capacity From Sources That Do Not Violate			

BLENDING SUMMARY

Sources:	Concentration Blended Source*:	Total Flow:
Is blending purchased water sources feasible? (Y/N)		
Total Capital Cost to connect to nearest system and blend		\$ N/A
Total Additional Annual O & M		\$ N/A
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect x 12 mnths)]		\$ N/A
O & M cost per connection per month (annual o & m/(# of connec. X 12)		\$ N/A
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)		\$ N/A

POTENTIAL ADDITIONAL GROUNDWATER SOURCES

Is it possible to obtain a groundwater source that does not violate the constituent of interest (Y/N)?	FMT SPECIALIST PRESENTED OPTION ABOUT NEW GROUND WATER SOURCES
Any other drinking water standards violations in this formation?	THIS HAS NOT BEEN EXPLORED
Is the location within the service area (Y/N); if no, distance from service area to the location?	NO INFORMATION AT TIME OF VISIT
QUANTITY of water available from this source?	NO INFORMATION AT TIME OF VISIT
Total Capital Cost to Obtain and Construct Additional Groundwater Source	\$ N/A
Total Additional Annual O & M	\$ N/A
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect x 12 mnths)]	\$ N/A
O & M cost per connection per month (annual o & m/(# of connec. X 12)	\$ N/A
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	\$ N/A

POTENTIAL SURFACE WATER SOURCES

Is it possible to obtain a surface water source? NO POTENTIAL SOURCES	
Distance to nearest surface water source?	
Existing water rights (Y/N)?	
Entity with jurisdiction over surface water source	
Contact person at entity with surface water jurisdiction (and phone number)	
Will the entity agree to provide water rights? (Y/N)	
Any drinking water standards violations?	
QUANTITY of water available from this system	
Total Capital Cost to Obtain and Construct Surface Water Treatment	\$ N/A
Total Additional Annual O & M	\$ N/A
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect x 12 mnths)]	\$ N/A
O & M cost per connection per month (annual o & m/(# of connec. X 12)	\$ N/A
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	\$ N/A

The following two sections are only to be completed if the system has cost estimates, bids, quotes etc on cost to treat for specific constituent removal

TREATMENT OPTIONS	
Describe treatment options and cost	REVERSE OSMOSIS
Type of treatment	REVERSE OSMOSIS
Name of engineer or vendor (and affiliation and phone number)	RICH CAVAGNARO ADEGE TECH INC 678-835-0052
Total Capital Cost to Construct & Install Treatment System	\$ \$40,564.00
Total Additional Annual O & M	\$ \$2,166.00
CAPITAL cost per connection per month (value obtained on amortization spreadsheet/# of connections)	\$ 18.35 OR \$0.30 PER 1000 GALLONS
O & M cost per connection per month (annual o & m/(# of connec. X 12)	\$
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	\$
Type of treatment	REVERSE OSMOSIS
Name of engineer or vendor (and affiliation and phone number)	SIEMENS INDUSTRY, INC 760-525-9930
Total Capital Cost to Construct & Install Treatment System	\$8500.00
Total Additional Annual O & M	N/A
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect x 12 mnths)]	N/A
O & M cost per connection per month (annual o & m/(# of connec. X 12)	N/A
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	N/A
Add additional pages to show other treatment options.	

POTENTIAL HYBRID BLENDING OPPORTUNITIES

Is it possible to meet standards by blending water from sources you own or control PLUS additional new sources or by treating a portion of the water?

Existing SOURCE(S): NO OTHER HYBRID SYSTEMS	Constituent Concentration in Listed Source	Quantity of Water Available from Existing Source, Average Daily Production	Quantity of Water Available from Existing Source, Maximum Capacity

New or Treated SOURCES:	Constituent Concentration in Listed Source	Quantity of Water Available from New or Treated Source

BLENDING SUMMARY

Sources:	Concentration Blended Source*:	Total Flow:
Is blending existing new and existing sources feasible? (Y/N)		
Total Capital Cost to Construct & Install Treatment & Blending System	N/A	
Total Additional Annual O & M	N/A	
CAPITAL cost per connection per month [value obtained on amortization spreadsheet/(# of connect x 12 mnths)]	N/A	
O & M cost per connection per month (annual o & m/(# of connec. X 12)	N/A	
TOTAL ADDITIONAL COST PER CONN. PER MONTH (O & M + CAPITAL)	N/A	

SUMMARY TABLE	
Comparison of all of the options considered	
Current operation	
COST per connection per month	\$ 0.30 PER THOUSAND
Option 1: (describe) ADEGE TECH INC	
COST per connection per month	\$ ONLY SUM OF \$8500 FOR UNIT
Option 2: (describe) SIEMENS INC	
COST per connection per month	\$
Option 3: (describe) owner will have some new options to assess	
COST per connection per month	\$
Option 4: (describe)	
COST per connection per month	\$

Additional Notes or Comments:

Survey Completed by Refugio Rodriguez, Jr

System Visit Date: March 13, 2014

Submit completed checklist to:

Work Leader
Team 5, Section III
Enforcement Division, MC 149
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Team Leader
Drinking Water Quality Team
Water Supply Division, MC 155
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087