

MEMORANDUM

TO: South Texas Water Authority Board of Directors
FROM: Kathleen Lowman, President
DATE: September 16, 2019
SUBJECT: Public Hearing Notice and Agenda for the South Texas Water Authority

A public hearing of the STWA Board of Directors is scheduled for:

Tuesday, September 24, 2019

5:30 p.m.

South Texas Water Authority
2302 East Sage Road
Kingsville, Texas

to consider and act upon any lawful subject which may come before it, including among others, the following:

Agenda

1. Call to order.
2. Petition for Addition of Certain Lands to the South Texas Water Authority.
 - a. Jakob Parks – Tract Eight (8), Cyndie Park Unit 2 in Nueces County, Texas
 - b. Arnold Flores and Sarah Flores – Lot 33 and the southwest ½ of Lot 32, Cyndie Park Unit 1, Nueces County, Texas
3. Public Comment
4. Adjournment.

The Board may go into closed session at any time when permitted by Chapter 551, Government Code. Before going into closed session a quorum of the Board must be assembled in the meeting room, the meeting must be convened as an open meeting pursuant to proper notice, and the presiding officer must announce that a closed session will be held and must identify the sections of Chapter 551, Government Code, authorizing the closed session.

KL/CGS/fdl

This meeting notice was posted on STWA's website, www.stwa.org, and on indoor and outdoor bulletin boards at STWA's administrative offices, 2302 East Sage Road, Kingsville, Texas at 3:00 am on September 20, 2019
Francis DeLeon
Assistant Secretary

MEMORANDUM

TO: South Texas Water Authority Board of Directors
FROM: Kathleen Lowman, President
DATE: September 16, 2019
SUBJECT: Meeting Notice and Agenda for the South Texas Water Authority

A Regular Meeting of the STWA Board of Directors is scheduled for:

Tuesday, September 24, 2019
5:35 p.m.
South Texas Water Authority
2302 East Sage Road, Kingsville, Texas

The Board will consider and act upon any lawful subject which may come before it, including among others, the following:

Agenda

1. Call to order.
2. Citizen comments. This is an opportunity for citizens to address the Board of Directors concerning an issue of community interest that is not on the agenda. Comments on the agenda items must be made when the agenda item comes before the Board. The President may place a time limit on all comments. The response of the Board to any comment under this heading is limited to making a statement of specific factual information in response to the inquiry, or, reciting existing policy in response to the inquiry. Any deliberation of the issue is limited to a proposal to place it on the agenda for a later meeting.
3. Approval of Minutes. (Attachment 1)
4. Treasurer's Report/Payment of Bills. (Attachment 2)
5. Fiscal Year 2019 Budget Amendments. (Attachment 3)
6. Tax year 2019 tax roll/levy for the South Texas Water Authority's district in Kleberg County. (Attachment 4)
7. **Resolution 19-57.** Resolution adopting the tax roll/levy for the South Texas Water Authority's district in Kleberg County for tax year 2019. (Attachment 5)
8. Tax year 2019 tax roll/levy for the South Texas Water Authority's district in Nueces County. (Attachment 6)
9. **Resolution 19-58.** Resolution adopting the tax roll/levy for the South Texas Water Authority's district in Nueces County for tax year 2019. (Attachment 7)

10. STWA Investment Policies: (Attachment 8)
 - a) South Texas Water Authority General Fund
 - b) South Texas Water Authority Debt Service Fund
 - c) South Texas Water Authority Capital Projects Fund

11. **Resolutions 19-59 through 19-61.** Resolutions approving the following South Texas Water Authority Investment Policies: (Attachment 9)
 - a) South Texas Water Authority General Fund
 - b) South Texas Water Authority Debt Service Fund
 - c) South Texas Water Authority Capital Projects Fund

12. Request to close office for staff Christmas luncheon and gift exchange on December 17, 2019.

13. Nueces County project for construction of Banquete Pump Station to serve the Nueces Water Control and Improvement District #5 (Banquete) and Nueces Water Supply Corporation. (Attachment 10)

14. License Agreement with City of Bishop for Pump Station Facilities. (Attachment 11)

15. Water Supply Contract with the City of Driscoll. (Attachment 12)

16. Approval of Annexation of Certain Lands to the South Texas Water Authority. (Attachment 13)
 - a. Jakob Parks – Tract Eight (8), Cyndie Park Unit 2 in Nueces County, Texas
 - b. Arnold Flores and Sarah Flores – Lot 33 and the southwest ½ of Lot 32, Cyndie Park Unit 1, Nueces County, Texas

17. **Resolution 19-62.** Resolution approving Annexation of Certain Lands to the South Texas Water Authority (Jakob Parks – Tract Eight (8), Cyndie Park Unit 2 in Nueces County, Texas). (Attachment 14)

18. **Resolution 19-63.** Resolution approving Annexation of Certain Lands to the South Texas Water Authority (Arnold Flores and Sarah Flores – Lot 33 and the southwest ½ of Lot 32, Cyndie Park Unit 1, Nueces County, Texas). (Attachment 15)

19. Petition for Addition of Certain Lands to the South Texas Water Authority and setting of public hearing date, time and place. (Attachment 16)
 - a. Frank Rios, II and Adelia D. Rios – Tract Five-H (5-H), The Ranch in Nueces County, Texas

20. **Resolution 19-64.** Resolution of determination of validity of Petition for Addition of Certain Lands to the South Texas Water Authority and setting the date, time and place for a public hearing and authorizing publication of public hearing notice. (Frank Rios, II and Adelia D. Rios) (Attachment 17)

21. STWA Depository. (Attachment 18)
22. **Resolution 19-65.** Resolution extending Depository Contract for Funds of the South Texas Water Authority. (Attachment 19)
23. Specifications for Fiscal Year 2020 pickup truck purchase. (Attachment 20)
24. Quote from Macaulay Controls Company for a Flow-Tronic Torpee Mag for the Driscoll Booster Station. (Attachment 21)
25. City of Corpus Christi Rate Model – NewGen Strategies review. (Attachment 22)
26. Review of STWA Personnel Policies – Chapter XIII Grievances and Appeals. (Attachment 23)
27. Resignation of O&M Supervisor.
28. Review of 2018 TRWA Salary survey. (Attachment 24)
29. Personnel Evaluation of the Executive Director.
30. Adjournment.

The Board may go into closed session at any time when permitted by Chapter 551, Government Code. Before going into closed session a quorum of the Board must be assembled in the meeting room, the meeting must be convened as an open meeting pursuant to proper notice, and the presiding officer must announce that a closed session will be held and must identify the sections of Chapter 551, Government Code, authorizing the closed session.

KL/CGS/fdl
Attachment

This meeting notice was posted on STWA's website, www.stwa.org, and on indoor and outdoor bulletin boards at STWA's administrative offices, 2302 East Sage Road, Kingsville, Texas at 3:00 p.m. on September 20, 2019.

Frances Johnson
Assistant Secretary

ATTACHMENT 1

Approval of Minutes

SOUTH TEXAS WATER AUTHORITY
Public Hearing
September 3, 2019
Minutes

Board Members Present:

Kathleen Lowman
Brandon Barrera
Rudy Galvan, Jr.
Jose Graveley
Lupita Perez
Patsy Rodgers
Filiberto Treviño
Steven Vaughn

Board Members Absent:

None

Staff Present:

Carola G. Serrato
Frances De Leon
Jo Ella Wagner
Jacob Hinojosa

Guests Present:

None

1. Call to Order.

Ms. Kathleen Lowman, Board President, called the Public Hearing of the STWA Board of Directors to order at 5:30 p.m. A quorum was present.

2. Public Hearing on proposed \$0.086911 per \$100 valuation tax rate for Fiscal Year 2020/Tax Year 2019.

Ms. Lowman announced the opening of the Public Hearing on the proposed \$0.086911 per \$100 valuation tax rate for Fiscal Year 2020/Tax Year 2019. No comments were received on the proposed tax rate.


3. Public Comment.

No public comments were made.

4. Adjournment.

With no further business to discuss, Ms. Lowman adjourned the public hearing at 5:40 p.m.

Respectfully submitted,


Frances De Leon
Assistant Secretary

SOUTH TEXAS WATER AUTHORITY
Public Hearing
September 3, 2019
Minutes

Board Members Present:

Kathleen Lowman
Brandon Barrera
Rudy Galvan, Jr.
Jose Graveley
Lupita Perez
Patsy Rodgers
Filiberto Treviño
Steven Vaughn

Board Members Absent:

None

Staff Present:

Carola G. Serrato
Frances De Leon
Jo Ella Wagner
Jacob Hinojosa
Dony Cantu

Guests Present:

None

1. Call to Order.

Ms. Kathleen Lowman, Board President, called the Public Hearing of the STWA Board of Directors to order at 5:40 p.m.

2. Petition for Addition of Certain Lands to the South Texas Water Authority.

- a. Don K. Mikeman and Penny Mikeman – Tract Three (3), Cyndie Park Unit 2 in Nueces County Texas and Tract Four (4), Cyndie Park Unit 2 in Nueces County, Texas
- b. Sandra L. Acosta – Cyndie Park Unit 1, Tract 16 & 17 in Nueces County, Texas
- c. Eva Helene Perez – Tract Twenty-three (23), Cyndie Park Unit 1, Nueces County, Texas

Ms. Serrato stated that these property owners approached the Nueces Water Supply Corporation requesting service outside of the Authority's district boundaries as a result of a project to extend water service to the Cyndie Park area. The resolutions approving annexation will be presented at the Regular Board Meeting. Approval of the annexation petitions enables the landowners to receive service and pay in-district rates to the Nueces Water Supply Corporation, and allows the properties to become taxable.

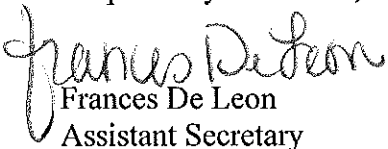
3. Public Comment.

Ms. Lowman called for public comment. No comments from the public were made.

4. Adjournment.

With no further business to discuss, Ms. Lowman adjourned the Public Hearing at 5:45 p.m.

Respectfully submitted,


Frances De Leon
Assistant Secretary

SOUTH TEXAS WATER AUTHORITY
Regular Board of Directors Meeting
September 3, 2019
Minutes

Board Members Present:

Kathleen Lowman
Brandon Barrera
Rudy Galvan, Jr.
Jose Graveley
Lupita Perez
Patsy Rodgers
Filiberto Treviño
Steven Vaughn

Board Members Absent:

None

Staff Present:

Carola G. Serrato
Frances De Leon
Jo Ella Wagner
Jacob Hinojosa
Dony Cantu

Guests Present:

Gayle Vaughn

1. Call to Order.

Ms. Kathleen Lowman, Board President, called the Regular Meeting of the STWA Board of Directors to order at 5:45 p.m. A quorum was present.

2. Citizen Comments.

Ms. Lowman opened the floor to citizen's comments. Mr. Jacob Hinojosa asked to comment and handed an envelope to Ms. Serrato. He apologized for handling this in this manner but was doing so for fear of retaliation. He added that he was aware that a policy exists on this type of matter, but he was submitting a two weeks' notice due to Ms. Serrato's actions. Ms. Serrato read Mr. Hinojosa's letter aloud and informed the Board that since the matter was not included on the agenda for this meeting, it could be presented for discussion at the next Board meeting.

3. Approval of Minutes.

Mr. Treviño made a motion to approve the minutes of the July 30, 2019 Public Hearing and Regular Meeting and the August 6, 2019 Special Meeting as presented. Ms. Rodgers seconded. The motion passed by unanimous vote.

4. Treasurer's Report/Payment of Bills.

The following reports were presented for the Board's consideration:

Treasurer's Report for period ending July 31, 2019
Revenue Fund Income Statement for period ending July 31, 2019

Tax Fund Income Statement for period ending July 31, 2019
Special Services Income Statement for period ending July 31, 2019
STWA Revenue Fund Balance Sheet – July 31, 2019
STWA Revenue Fund GL Account Summary Report as of July 31, 2019
STWA Debt Service Fund Income Statement for period ending July 31, 2019
STWA Debt Service Fund Balance Sheet July 31, 2019
STWA Debt Service Fund GL Account Summary Report as of July 31, 2019
STWA Capital Projects Fund Income Statement for period ending July 31, 2019
STWA Capital Projects Fund Balance Sheet – July 31, 2019
STWA Capital Projects Fund GL Account Summary Report as of July 31, 2019
Cathodic Protection Expenses Breakdown through July 31, 2019
2012 Bond Election Report
Anticipated vs. Actual Water Rate Charged
Maintenance & Technical Report from O&M Supervisor
CP Update from CP Technician

The following outstanding invoices were presented for Board approval:

• Willatt & Flickinger, Attorneys at Law	\$ 1,066.30
• City of Corpus Christi	\$ 144,013.45
• Caldwell Country Ford	\$ 50,271.00
• Nueces County Appraisal District	\$ 1,953.00

A motion was made by Mr. Treviño and seconded by Mr. Graveley to approve the Treasurer's Report and payment of the bills as presented. The motion carried.

5. Bids for tank liner for the Driscoll Ground Storage Tank.

Ms. Serrato stated that after the last Board meeting, she requested that quotes for the tank liner for the Driscoll Ground Storage Tank be updated to include the zinc coating option quoted by Mercer Controls, Inc. The quotes remained the same as originally submitted – Mercer Controls, Inc. \$45,352, NG Painting submitted a bid of \$45,000 and Elite National's bid totaled \$32,500. Ms. Serrato stated she discussed the bids with legal counsel Bill Flickinger due to concerns with not being able to confirm Elite's background, such as business experience and reputation and that Elite is based in Kansas City, Missouri while Mercer and NG are located in Texas. In addition, Elite originally required payment of 50% of the cost up front. Mr. Flickinger advised that if the Board chose to select a company other than the lowest bidder, the motion should include the reason for doing so.

6. Resolution 19-47. Resolution awarding the bid for a tank liner for the Driscoll Ground Storage Tank.

Mr. Graveley made a motion to award the bid for a spray on liner for the Driscoll GST to NG Painting, LP because staff was not able to validate Elite's company status, experience and reputation or its financial capability to perform the services. Mr. Treviño seconded the motion. The motion passed by unanimous vote.

7. Fiscal Year 2020 budget, revenues and rates.

Ms. Serrato presented two different budgets for the Board's consideration. The first is based on the current O&M tax rate of \$0.067886/\$100 and the second is based on the higher rate of \$0.070059/\$100 which includes the 8% allowable increase on the M&O tax rate. Both versions are based on the same Handling Charge rate of \$0.427386, water sales of approximately 530 million gallons, a 2.7% overall adjustment to salaries with the exception of the Executive Director, and \$425,350 in capital acquisition. She added that all missing components are now available and have been included. The difference in tax collections between the two budgets is about \$45,000. If the higher rate is chosen, the excess amount will be added to reserves. She noted that it is estimated that four to five years of work can be accomplished on the cathodic protection project with the remaining funds and she believes it is very important to build reserves in order to continue maintenance on the 42" waterline. Mr. Treviño stated that he agreed that there is a need to increase reserves.

8. Resolution 19-49. Resolution adopting the recommended Fiscal Year 2020 budget.

Mr. Barrera made a motion to approve the FY 2020 budget using a maintenance and operation based on the higher tax rate. The motion was seconded by Mr. Treviño and passed by unanimous vote.

9. Resolution 19-50. Resolution adopting the Fiscal Year 2020/Tax Year 2019 tax rate.

Mr. Treviño made a motion to approve Resolution 19-50 adopting the Fiscal Year 2020/Tax Year 2019 M&O tax rate of \$0.070059 per \$100 assessed valuation and the I&S tax rate of \$0.016852 per \$100 assessed valuation for a total tax rate of \$0.086911 per \$100 of taxable value. The motion was seconded by Mr. Vaughn and passed with all voting in favor.

10. Nueces County project for construction of Banquete Pump Station to serve the Nueces Water Control and Improvement District #5 (Banquete) and Nueces Water Supply Corporation.

Ms. Serrato stated that Nueces County has not yet re-bid for construction of the new pump station in Banquete and she will inform the Board of any updates.

11. License Agreement with City of Bishop for Pump Station Facilities.

Ms. Serrato reported that she spoke with Bishop City Secretary Cynthia Contreras who stated that although the City Council met in executive session, the license agreement was not discussed. Ms. Serrato had nothing further to report.

12. Water Supply Contract with the City of Driscoll.

Ms. Serrato reported that she attended the August 7th City Council meeting and addressed the Council under Public Comment. She provided the Council with copies of the proposed contract

and previous correspondence, discussed the need to meet in order to negotiate a contract and to address any of the Council's concerns, and offered to attend a future Council meeting to discuss the matter further. Since no requests were received since then, she spoke with City Secretary Armendina Garcia at Driscoll City Hall and requested that the contract be placed on the agenda for the next Council meeting on September 4th. Ms. Serrato then checked with legal counsel Bill Flickinger on his availability for the meeting and during their conversation found that Mr. Michael G. Morris was listed as the City's attorney of record on the Texas State Directory. Mr. Flickinger has contacted Mr. Morris regarding the contract. A summary on the contract negotiations was provided to Mr. Morris who said he would be in contact with the City. Ms. Serrato has since received a copy of the agenda for September 4th which lists review of the contract. She had nothing further to report.

13. Resolution 19-51. Resolution approving Annexation of Certain Lands to the South Texas Water Authority. (Don K. Mikeman and Penny Mikeman – Tract Three (3), Cyndie Park Unit 2 in Nueces County Texas and Tract Four (4), Cyndie Park Unit 2 in Nueces County, Texas)
14. Resolution 19-52. Resolution approving Annexation of Certain Lands to the South Texas Water Authority. (Sandra L. Acosta – Cyndie Park Unit 1, Tract 16 & 17 in Nueces County, Texas)
15. Resolution 19-53. Resolution approving Annexation of Certain Lands to the South Texas Water Authority. (Eva Helene Perez – Tract Twenty-three (23), Cyndie Park Unit 1, Nueces County, Texas)

Ms. Serrato stated that approval of Resolution 19-51, 19-52 and 19-53 finalizes the annexation process of these properties and recommended adoption of the resolutions. Mr. Galvan made a motion to adopt Resolution 19-51, 19-52 and 19-53 which was seconded by Mr. Graveley and passed unanimously.

16. Petition for Addition of Certain Lands to the South Texas Water Authority and setting of public hearing date, time and place.
 - a. Jakob Parks – Tract Eight (8), Cyndie Park Unit 2 in Nueces County Texas
 - b. Arnold Flores and Sarah Flores – Lot 33 and the southwest ½ of Lot 32, Cyndie Park Unit 1, Nueces County, Texas

Ms. Serrato stated that these property owners recently approached the Nueces Water Supply Corporation requesting service outside of the Authority's district boundaries as a result of the ongoing project to extend water service to the Cyndie Park area. Requesting annexation is the first step in the process to obtain service on the property. Ms. Serrato recommended approval of Resolution 19-54 and 19-55 setting the Public Hearing on September 24, 2019 at 5:30 p.m. at the STWA conference room.

17. Resolution 19-54. Resolution of determination of validity of Petition for Addition of Certain Lands to the South Texas Water Authority and setting the date, time and place for a public hearing and authorizing publication of public hearing notice. (Jakob Parks)

18. **Resolution 19-55. Resolution of determination of validity of Petition for Addition of Certain Lands to the South Texas Water Authority and setting the date, time and place for a public hearing and authorizing publication of public hearing notice. (Arnold Flores and Sarah Flores)**

Mr. Galvan made a motion to adopt Resolutions 19-54 and 19-55 setting the Public Hearing on September 24, 2019 at 5:30 p.m. at the STWA conference room and authorizing publication of the public hearing notices. The motion was seconded by Mr. Treviño and passed unanimously.

19. **House Bill No. 2840 and rules regarding the public's right to address the Board of Directors of South Texas Water Authority during an open meeting.**

Ms. Serrato presented Resolution 19-56 provided by Mr. Flickinger in response to HB No. 2840 regarding the public's right to address the Board of Directors and providing additional time for a person requiring a translator. She noted that STWA has never had written rules regarding public comment but this is now required. Members of the public will be limited to three minutes and those requiring a translator will be allowed double that amount of time.

20. **Resolution 19-56. Resolution adopting Rules Regarding Public's Right to Address the Board of Directors of South Texas Water Authority.**

Mr. Treviño made a motion to approve Resolution 19-56 adopting rules for the public's right to address the STWA Board of Directors. Mr. Barrera seconded. All voted in favor.

21. **STWA Depository bids.**

Ms. Serrato stated that Prosperity Bank has been STWA's depository for the past eight years. Prosperity has agreed to renew the current depository agreement under the same terms. In the past, other banks have provided proposals, but these proposals included fees for every deposit made and check processed. Prosperity does not charge those types of fees and staff feels they are providing quality service. She asked whether the Board prefers to seek depository proposals or renew the agreement with Prosperity. She said that soliciting bids would involve Ms. Wagner contacting the banks and issuing bid packets with a deadline for submission of proposals. The Board agreed by consensus to pursue renewal of the Prosperity agreement instead of soliciting bids. Ms. Serrato said she would place renewal of the agreement on the next agenda.

22. **Voltus (Qualified Scheduling Entity – QSR) Demand Response and Peak Saver Agreement – ERCOT Program to avoid brownouts/blackouts.**

Ms. Serrato stated that Mr. Tom LaFargue, a Voltus, Inc. representative, contacted her regarding participation in the Demand Response Program which attempts to prevent brownouts and blackouts on the Texas Electrical Grid during high demand times or events. Users are paid for switching to emergency generators when demand is high. Based on information provided by STWA for the Agua Dulce, Sablatura Park, Banquete, Central, Driscoll, Bishop East, Kingsville, RWSC #1 and RWSC #2 pump stations, STWA has the potential to earn approximately \$4,000 in a year's time. There is a response time of 30 minutes to transfer to emergency generators but

there is no penalty for failing to do so in the allotted time. Mr. LaFargue furnished an agreement which Mr. Flickinger has reviewed and indicated that at least one provision is unacceptable and several others require modification or clarification. After discussion on the Demand Response Program, Mr. Vaughn made a motion to decline participation in the program. Mr. Treviño seconded. All voted in favor.

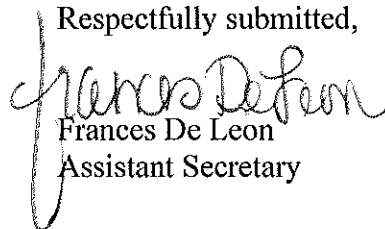
23. City of Corpus Christi Rate Model – NewGen Strategies review.

Ms. Serrato reported that Chris Ekrut, NewGen Strategies, continues working on review of the City of Corpus Christi Rate Model. Mr. Ekrut has received answers to his questions and has provided additional questions to the City but has not encountered any major issues with the true-up or proposed rates. Ms. Serrato stated that she will keep the Board updated on review of the City's rates and model.

24. Adjournment.

With no further business to discuss, Ms. Lowman adjourned the meeting at 6:57 p.m.

Respectfully submitted,



Frances De Leon
Assistant Secretary

ATTACHMENT 2

Treasurer's Report/Payment of Bills

SOUTH TEXAS WATER AUTHORITY
Treasurer's Report
For Period Ending August 31, 2019

STWA Water Sales:

<u>Entity</u>	<u>Water Usage (1,000 g)</u>	<u>Cost of Water from City of Corpus Christi \$2.551188 per 1000 g</u>	<u>Handling Charge @ \$0.426386/1000g</u>	<u>Incremental Increase @ \$0.426386/1000g</u>	<u>Out of District Surcharge and Pass-Thru Credit</u>	<u>Total Due</u>
Kingsville	13,933	\$35,545.70	\$5,940.84	\$0.00	\$0.00	\$41,486.54
Bishop	8,015	\$20,447.77	\$3,417.48	\$3,417.48	\$0.00	\$27,282.74
Agua Dulce	3,208	\$8,183.34	\$1,367.70	\$0.00	\$0.00	\$9,551.05
RWSC	14,157	\$36,117.17	\$6,036.35	\$0.00	\$0.00	\$42,153.52
Driscoll	5,859	\$14,948.18	\$2,498.32	\$2,498.32	\$0.00	\$19,944.82
NCWCID #5	2,620	\$6,683.86	\$1,117.09	\$1,117.09	\$776.49	\$9,694.52
NWSC	20,233	\$51,618.85	\$8,627.18	\$0.00	\$0.00	\$60,246.03
TOTAL	68,025	\$173,544.87	\$29,004.96	\$7,032.90	\$776.49	\$210,359.21

Water Cost and Usage for Period of:

	07/31/19	to	08/31/19
City of Corpus Christi Invoice for Cost of Water Purchased:			\$172,715.45
Gallons of Water Recorded by City of Corpus Christi:			67,700,000
Gallons of Water Recorded by STWA from Customer's Master Meters:			68,025,120
Water Loss Percentage:			-0.48%

Annual Usage for FY 2019

	Annual
Gallons of Water Recorded by City of Corpus Christi:	470,100,000
Gallons of Water Recorded by STWA from Customer's Master Meters:	496,147,420
Water Loss Percentage: (year to date)	-5.54%

**REVENUE FUND
INCOME STATEMENT
FOR PERIOD ENDING AUGUST 31, 2019**

91.67%

	MONTHLY	YEAR TO DATE	2019 AMENDED BUDGET	% OF 2019 AMENDED BUDGET	2018 YEAR TO DATE	2018 FINAL BUDGET
REVENUES						
Water Service Revenue	173,545	1,254,267	1,366,000	92%	1,241,225	1,330,515
Handling Charge Revenue	29,005	212,572	221,255	96%	222,640	238,500
Premium Incremental Increase	7,033	36,194	32,000	113%	42,841	46,600
Surcharge - Out of District	608	6,691	7,299	92%	6,067	6,619
Interest Income	4,947	56,041	55,250	101%	29,281	33,000
Other Revenue						
Operating & Maintenance Fees	0	0	0	0%	0	0
Miscellaneous Revenues	465	19,872	12,000	166%	28,927	29,350
TOTAL REVENUES	215,604	1,585,636	1,693,804	94%	1,570,981	1,684,584
EXPENDITURES						
Water Service Expenditures:						
Bulk Water Purchases	172,715	1,183,558	1,366,000	87%	1,193,062	1,330,515
Payroll Costs						
Salaries & Wages - Perm. Employees	16,187	280,362	315,000	89%	277,483	317,342
Salaries & Wages - Part-Time	179	1,270	1,495	85%	1,418	1,375
Overtime - NWSC	0	0	0	0%	0	0
Stand-by Pay - NWSC	0	0	0	0%	0	0
Overtime - RWSC	0	0	0	0%	0	0
Stand-by Pay - RWSC	0	0	0	0%	0	0
Overtime - STWA	2,374	19,064	22,500	85%	17,121	19,300
Stand-by Pay - STWA	150	1,204	1,300	93%	1,200	1,300
Employee Retirement Premiums	5,229	49,266	54,500	90%	40,550	52,561
Group Insurance Premium	13,694	148,747	169,292	88%	141,831	162,178
Unemployment Compensation	1	25	300	8%	1,261	1,300
Workers' Compensation	(1,045)	2,499	5,500	45%	4,820	6,004
Car Allowance	500	5,500	6,000	92%	5,400	5,900
Hospital Insurance Tax	408	3,313	3,817	87%	3,257	3,728
Supplies & Materials						
Repairs & Maintenance	7,516	71,969	80,000	90%	70,122	120,000
Meter Expense	0	2,350	5,000	47%	12,523	12,525
Tank Repairs	0	0	25,000	0%	26,140	26,140
Major Repairs	0	0	25,000	0%	0	25,000
Other Operating Expenditures:						
Professional Fees						
Legal	2,329	14,336	25,000	57%	9,108	11,500
Auditing	0	9,503	9,750	97%	9,369	9,370
Engineering	0	2,368	12,500	19%	59,493	70,000
Management & Consulting	0	3,585	7,500	48%	2,778	3,500
Inspection	0	1,900	4,000	48%	2,725	2,725
Leak Detection	0	0	0	0%	55,440	55,440
Banquete Overhead Tank Demolition	0	0	30,000	0%	0	0
Consum Supplies/Materials						
Postage	(102)	5,838	6,500	90%	5,834	6,500
Printing/Office Supplies	1,313	16,868	29,000	58%	20,653	26,500
Janitorial/Site Maintenance	297	4,587	6,000	76%	5,128	6,000
Fuel/Lubricants/Repairs	2,629	38,821	44,000	88%	27,242	35,000
Chemicals/Water Samples	248	36,395	52,500	69%	44,563	58,000
Safety Equipment	0	1,717	2,200	78%	876	1,500
Small Tools	122	1,543	2,000	77%	1,453	2,500

	MONTHLY	YEAR TO DATE	2019 AMENDED BUDGET	% OF 2019 AMENDED BUDGET	2018 YEAR TO DATE	2018 FINAL BUDGET
Recurring Operating Costs						
Telephone/Communications	2,089	20,463	20,654	99%	17,575	23,500
Utilities	8,937	77,103	102,500	75%	80,049	97,600
D & O Liability Insurance	93	1,373	3,500	39%	1,377	2,000
Property Insurance	0	47,292	47,292	100%	29,462	29,500
General Liability	0	3,196	3,200	100%	2,617	2,750
Auto Insurance	0	2,219	2,225	100%	2,050	2,051
Travel/Training/Meetings	217	4,938	10,000	49%	7,625	9,000
Rental-Equipment/Uniforms	49	2,845	5,000	57%	3,506	5,000
Dues/Subscriptions/Publication	2,101	14,661	22,500	65%	11,090	12,500
Pass Through Cost	0	1	400	0%	680	800
Educational Materials	0	0	0	0%	0	0
Miscellaneous						
Miscellaneous Expenditures	401	5,355	7,500	71%	3,909	6,200
Total Administrative & Operations Exp.	238,631	2,086,033	2,536,425	82%	2,200,790	2,564,604
Capital Outlay						
Capital Acquisition	52,928	256,481	398,444	64%	88,759	88,760
Engineering	7,500	7,500	5,000	0%	11,625	11,625
TOTAL EXPENDITURES (w/o D.S. exp.)	299,059	2,350,014	2,939,869	80%	2,301,174	2,664,989
Excess (Deficiencies) of Revenue Over Expenditures	(83,455)	(764,377)	(1,246,065)	61%	(730,193)	(980,405)
OTHER FINANCE SOURCE (USES)						
Transfer to Other Funds						
Transfer from Tax Account	0	(1,281,817)	(1,238,343)	104%	(1,068,253)	(1,086,140)
Extra Ordinary Income						
Disposition of Assets (Surplus Sale)	0	(15,238)	(15,000)	102%	(24,257)	0
TOTAL OTHER FINANCING SOURCES (USES)	0	(1,297,055)	(1,253,343)	103%	(1,092,510)	(1,086,140)
EXCESS (DEFICIENCIES) OF REVENUES OVER OTHER SOURCES (USES)						
	(83,455)	532,678	7,278		362,317	105,735
NET INCOME	(83,455)	532,678	7,278		362,317	105,735

**TAX FUND
INCOME STATEMENT
FOR PERIOD ENDING AUGUST 31, 2019**

91.67%

	MONTHLY	YEAR TO DATE	2019 ADOPTED BUDGET	% OF 2019 ADOPTED BUDGET	2018 YEAR TO DATE	2018 FINAL BUDGET
REVENUES						
Ad-Valorem - Current	3,991	1,295,805	1,257,158	103%	1,082,077	1,083,000
Delinquent Tax Revenue	1,484	43,816	27,500	159%	35,966	38,000
Penalty & Interest - Tax Accounts	1,400	21,581	16,000	135%	21,932	22,600
Miscellaneous	0	94	0	0%	0	0
TOTAL TAXES & INTEREST	6,875	1,361,296	1,300,658	105%	1,139,976	1,143,600
EXPENDITURES						
Tax Collector Fees	0	42,430	38,597	110%	36,528	36,575
Appraisal Districts	5,717	22,866	23,718	96%	19,183	20,885
TOTAL EXPENDITURES	5,717	65,296	62,315	105%	55,711	57,460
Transfer to General Fund	0	1,281,817	1,238,343	104%	1,068,253	1,086,140
EXCESS REVENUES & OTHER FINANCING SOURCES OVER(UNDER) EXPENDITURES AND OTHER USES	1,158	14,182	0		16,012	0

**SPECIAL SERVICES
INCOME STATEMENT
FOR PERIOD ENDING AUGUST 31, 2019**

91.67%

	MONTHLY	YEAR TO DATE	2019 ADOPTED BUDGET	% OF 2019 ADOPTED BUDGET	2018 YEAR TO DATE	2018 FINAL BUDGET
REVENUES						
Ricardo Water Supply Corporation	18,341	238,701	302,824	79%	231,686	283,605
Nueces Water Supply Corporation	21,635	250,315	285,529	88%	250,625	266,294
TOTAL REVENUES	39,976	489,016	588,353	83%	482,311	549,899
EXPENDITURES						
Personnel	35,116	284,149	319,559	89%	277,733	292,673
Overhead	22,854	259,444	268,794	97%	225,934	257,225
TOTAL EXPENDITURES	57,971	543,592	588,353	92%	503,667	549,898
 EXCESS REVENUES & OTHER FINANCING SOURCES OVER(UNDER) EXPENDITURES AND OTHER USES						
	(17,995)	(54,576)	0		(21,356)	1

**South Texas Water Authority
Balance Sheet
August 31, 2019**

ASSETS

Current Assets

STWA - General	\$	248,008.31	
STWA - Payroll		49,967.55	
STWA - Operations		38,064.33	
Petty Cash		150.00	
TexPool - STWA General		2,630,326.90	
Due From Capital Projects Fund		47,402.58	
Due from Debt Service Fund		471.48	
Due from D.S. -Collect Service		8,796.30	
Tax Accounts Receivable		154,713.31	
Allowance for Uncollect Taxes		(66,653.05)	
Service accts receivable		326,847.27	
Interlocal Rec-Bishop		1,321.51	
Interlocal Rec-Ricardo		3,613.07	
Interlocal Rec-Nueces		6,561.87	
Interlocal Rec. - Tax Assessor		1,127.29	
Inventory		19,660.50	
Total Assets	\$		<u><u>3,470,379.22</u></u>

LIABILITIES AND FUNDS EQUITY

Current Liabilities

Trade Accounts Payable	\$	397,653.45	
Salaries & Wages Payable		4,980.00	
Hospital Ins Tax Payable		1,402.64	
Withholding Taxes Payable		4,762.95	
Unemployment Comp. Pbl.		379.92	
Miscellaneous Payables		1,501.67	
Compensated Absences		19,571.30	
Deferred tax revenue		88,060.26	
Due to Debt Service Fund		1,346.00	
Total Liabilities			519,658.19

Fund Equity

Unassigned Fund Balance		2,438,776.18	
Assigned Fund Bal. - Inventory		19,660.50	
Current Earning		492,284.35	
Total Fund Equity			<u><u>2,950,721.03</u></u>
Total Liabilities & Fund Equity	\$		<u><u>3,470,379.22</u></u>

South Texas Water Authority
GI Account Summary Report
As of: August 31, 2019

<u>Account Description</u>	<u>Beginning Balance</u>	<u>Debit Change</u>	<u>Credit Change</u>	<u>Net Change</u>	<u>Ending Balance</u>
Current Assets					
STWA - General	162,977.58	\$ 206,139.25	\$ (121,108.52)	\$ 85,030.73	\$ 248,008.31
STWA - Payroll	51,717.95	50,010.35	(51,760.75)	(1,750.40)	49,967.55
STWA - Operations	71,380.00	812.23	(34,127.90)	(33,315.67)	38,064.33
Petty Cash	150.00	0.00	0.00	0.00	150.00
TexPool - STWA General	2,617,300.93	13,025.97	0.00	13,025.97	2,630,326.90
Due From Capital Projects Fund	34,810.45	12,592.13	0.00	12,592.13	47,402.58
Due from Debt Service Fund	424.68	46.80	0.00	46.80	471.48
Due from D.S. -Collect Service	7,215.04	1,581.26	0.00	1,581.26	8,796.30
Tax Accounts Receivable	154,713.31	0.00	0.00	0.00	154,713.31
Allowance for Uncollect Taxes	(66,653.05)	0.00	0.00	0.00	(66,653.05)
Service accts receivable	277,686.91	241,188.37	(192,028.01)	49,160.36	326,847.27
Interlocal Rec-Bishop	1,884.57	435.87	(998.93)	(563.06)	1,321.51
Interlocal Rec-Ricardo	3,241.01	6,438.95	(6,066.89)	372.06	3,613.07
Interlocal Rec-Nueces	9,196.83	9,393.75	(12,028.71)	(2,634.96)	6,561.87
Interlocal Rec. - Tax Assessor	2,470.14	1,127.29	(2,470.14)	(1,342.85)	1,127.29
Inventory	19,660.50	0.00	0.00	0.00	19,660.50
Total Assets	3,348,176.85	542,792.22	(420,589.85)	122,202.37	3,470,379.22
Current Liabilities					
Trade Accounts Payable	(159,353.95)	70,407.55	(308,707.05)	(238,299.50)	(397,653.45)
Salaries & Wages Payable	(23,440.80)	23,440.80	(4,980.00)	18,460.80	(4,980.00)
Hospital Ins Tax Payable	(767.93)	1,417.99	(2,052.70)	(634.71)	(1,402.64)
Withholding Taxes Payable	(2,454.03)	4,372.34	(6,681.26)	(2,308.92)	(4,762.95)
Emply Retire Prem Payable	0.00	17,349.80	(17,349.80)	0.00	0.00
Unemployment Comp. Pbl.	(376.55)	0.00	(3.37)	(3.37)	(379.92)
Miscellaneous Payables	(1,962.02)	14,403.96	(13,943.61)	460.35	(1,501.67)
Compensated Absences	(19,571.30)	0.00	0.00	0.00	(19,571.30)
Deferred tax revenue	(88,060.26)	0.00	0.00	0.00	(88,060.26)
Due to Debt Service Fund	(1,177.75)	0.00	(168.25)	(168.25)	(1,346.00)
Total Liabilities	(297,164.59)	131,392.44	(353,886.04)	(222,493.60)	(519,658.19)
Fund Equity					
Unassigned Fund Balance	(2,438,776.18)	0.00	0.00	0.00	(2,438,776.18)
Assigned Fund Bal. - Inventory	(19,660.50)	0.00	0.00	0.00	(19,660.50)
Total Fund Equity	(2,458,436.68)	0.00	0.00	0.00	(2,458,436.68)
Totals	592,575.58	\$ 674,184.66	\$ (774,475.89)	\$ (100,291.23)	\$ 492,284.35

**DEBT SERVICE FUND
INCOME STATEMENT
FOR PERIOD ENDING AUGUST 31, 2019**

91.67%

		2019 YEAR TO MONTHLY DATE	2019 ADOPTED BUDGET	% OF 2019 ADOPTED BUDGET	2018 YEAR TO DATE	2018 FINAL BUDGET
REVENUES						
Ad-Valorem - Current	1,104	358,434	364,889	98%	352,913	353,210
Delinquent Tax Revenue	461	13,915	7,000	199%	11,401	12,125
Penalty & Interest - Tax Accounts	389	5,543	5,500	101%	6,296	6,500
Out-of-District Surcharge	168	1,851	2,019	92%	1,979	2,159
Interest on Temporary Investments	250	4,930	3,250	152%	3,206	3,550
Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL TAXES & INTEREST	2,372	384,672	382,658	101%	375,795	377,544
OTHER FINANCING SOURCES						
Excess Bond Proceeds	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL OTHER FINANCE SOURCES	0	0	0		0	377,544
TOTAL REVENUE AND OTHER FINANCE SOURCES	2,372	384,672	382,658	101%	375,795	377,544
EXPENDITURES						
Fiscal Agent Fees	100	200	200	100%	200	200
Bond Interest Expense	61,175	122,350	122,350	100%	126,750	126,750
Bond Principal Payments	225,000	225,000	225,000	100%	220,000	220,000
Tax Collector Fees	0	11,737	10,739	109%	11,966	11,966
Appraisal District Fees	1,581	6,325	6,600	96%	6,420	6,836
Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL EXPENDITURES	287,856	365,612	364,889	100%	365,335	365,752
EXCESS REVENUES OVER(UNDER) EXPENDITURES AND OTHER USES	(285,484)	19,061	17,769		10,460	11,792

**STWA Debt Service Fund
Balance Sheet
August 31, 2019**

ASSETS

Current Assets

Debt Service Acct. - TexPool	\$ 61,612.54
Due from General	1,346.00
Interlocal Rec.-Tax Assessors	361.88
Taxes Receivable	50,811.55
Allowance for Uncollectibles	(8,581.46)

Total Current Assets 105,550.51

Other Assets

Total Other Assets 0.00

Total Assets \$ 105,550.51

LIABILITIES AND FUNDS EQUITY

Current Liabilities

Deferred Tax Revenue	\$ 42,230.09
Due to General Fund	9,267.79

Total Current Liabilities 51,497.88

Long-Term Liabilities

Total Long-Term Liabilities 0.00

Total Liabilities 51,497.88

Funds Equity

Fund Balance	34,991.97
Net Income	19,060.66

Total Funds Equity 54,052.63

Total Liabilities & Funds Equity \$ 105,550.51

STWA Debt Service Fund
 Gl Account Summary Report
 As of: August 31, 2019

<u>Account Number</u>	<u>Account Description</u>	<u>Beginning Balance</u>	<u>Debit Change</u>	<u>Credit Change</u>	<u>Net Change</u>	<u>Ending Balance</u>
10400	Debt Service Acct. - TexPool	345,290.71	\$ 2,596.83	\$ (286,275.00)	\$ (283,678.17)	\$ 61,612.54
12200	Due from General	1,177.75	168.25	0.00	168.25	1,346.00
13001	Interlocal Rec.-Tax Assessor	708.16	361.88	(708.16)	(346.28)	361.88
13300	Taxes Receivable	50,811.55	0.00	0.00	0.00	50,811.55
13301	Allowance for Uncollectibles	(8,581.46)	0.00	0.00	0.00	(8,581.46)
21700	Deferred Tax Revenue	(42,230.09)	0.00	0.00	0.00	(42,230.09)
24000	Due to General Fund	(7,639.73)	0.00	(1,628.06)	(1,628.06)	(9,267.79)
39100	Fund Balance	(34,991.97)	0.00	0.00	0.00	(34,991.97)
	Totals	<u>304,544.92</u>	<u>\$ 3,126.96</u>	<u>\$ (288,611.22)</u>	<u>\$ (285,484.26)</u>	<u>\$ 19,060.66</u>

**CAPITAL PROJECTS FUND
INCOME STATEMENT
FOR PERIOD ENDING AUGUST 31, 2019**

91.67%

	MONTHLY	YEAR TO DATE	2019 ADOPTED BUDGET	% OF 2019 ADOPTED BUDGET	2018 YEAR TO DATE	2018 FINAL BUDGET
REVENUES						
Bond Proceeds	0	0	0	0%	0	0
Interest Income	1,634	20,867	17,500	119%	15,968	17,300
TOTAL REVENUE AND OTHER FINANCE SOURCES	1,634	20,867	17,500	119%	15,968	17,300
 EXPENDITURES						
Right of Way Acquisition	0	0	7,264	0%	0	0
Engineering Fees	0	0	245,594	0%	5,400	5,400
Construction Costs	0	6,441	6,441	100%	228,484	228,484
42" Line-Cathodic Protection	12,592	145,564	299,536	73%	0	0
Pipeline Condition Assessment	0	0	199,395	0%	0	0
Legal & Administrative Fees	0	0	181,712	0%	0	0
Cost of Bond Issuance	0	0	0	0%	0	0
Miscellaneous Fees	0	0	0	0%	0	0
TOTAL EXPENDITURES	12,592	152,006	939,942	16%	233,884	233,884
 EXCESS REVENUES OVER(UNDER) EXPENDITURES AND OTHER USES						
	(10,958)	(131,139)	(922,442)		(217,916)	(216,584)

STWA Capital Projects Fund
 Gl Account Summary Report
 As of: August 31, 2019

<u>Account Number</u>	<u>Account Description</u>	<u>Beginning Balance</u>	<u>Debit Change</u>	<u>Credit Change</u>	<u>Net Change</u>	<u>Ending Balance</u>
11300	TexSTAR - Construction	905,059.64	\$ 1,634.04	\$ 0.00	\$ 1,634.04	\$ 906,693.68
2400	Due to General Fund	(34,810.45)	0.00	(12,592.13)	(12,592.13)	(47,402.58)
39100	Fund Balance	(990,430.19)	0.00	0.00	0.00	(990,430.19)
Totals		<u>(120,181.00)</u>	<u>\$ 1,634.04</u>	<u>\$ (12,592.13)</u>	<u>\$ (10,958.09)</u>	<u>\$ (131,139.09)</u>

**CATHODIC PROTECTION
FY2019**

	Payroll	Materials	Total
October 2018	\$3,950.61	\$1,914.11	\$5,864.72 Due from Capital Projects Fund
November 2018	\$4,716.62	\$2,568.87	\$7,285.49 Due from Capital Projects Fund
December 2018	\$4,715.54	\$131.12	\$4,846.66 Due from Capital Projects Fund
January 2019	\$8,156.79	\$1,079.47	\$9,236.26 Due from Capital Projects Fund
February 2019	\$9,022.22	\$381.59	\$9,403.81 Due from Capital Projects Fund
March 2019	\$12,549.21	\$2,238.44	\$14,787.65 Due from Capital Projects Fund
April 2019	\$9,192.06	\$43,986.52	\$53,178.58 Due from Capital Projects Fund
May 2019	\$9,052.50	\$252.28	\$9,304.78 Due from Capital Projects Fund
June 2019	\$9,381.39	\$360.29	\$9,741.68 Due from Capital Projects Fund
July 2019	\$9,052.50	\$270.24	\$9,322.74 Due from Capital Projects Fund
August 2019	\$12,528.66	\$63.47	\$12,592.13 Due from Capital Projects Fund
Totals	\$92,318.09	\$53,246.40	\$145,564.49

Payroll Costs - CP Tech #1

	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	Year to Date Total
Payroll	\$2,660.00	\$3,200.00	\$3,200.00	\$4,800.00	\$3,260.00	\$4,935.00	\$3,290.00	\$3,200.00	\$3,380.00	\$3,200.00	\$4,800.00	\$39,925.00
Medicare	\$38.57	\$46.40	\$46.40	\$69.60	\$47.27	\$71.56	\$47.70	\$46.40	\$49.01	\$46.40	\$69.60	\$578.91
Retirement	\$199.50	\$240.00	\$240.00	\$360.00	\$244.50	\$370.13	\$279.65	\$272.00	\$287.30	\$272.00	\$408.00	\$3,173.08
Worker's Comp	\$98.08	\$117.99	\$117.99	\$176.98	\$120.20	\$181.96	\$121.31	\$117.99	\$124.62	\$117.99	\$176.98	\$1,295.10
Texas Workforce	\$24.00	\$57.60	\$56.52	\$86.40	\$3.26	\$4.94	\$3.29	\$0.00	\$0.00	\$0.00	\$0.00	\$236.01
Health	\$930.46	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$11,073.26
LTD/ADD/Life	\$0.00	\$40.35	\$40.35	\$40.35	\$40.35	\$40.35	\$40.35	\$40.35	\$40.35	\$40.35	\$40.35	\$403.50
Total	\$3,950.61	\$4,716.62	\$4,715.54	\$6,547.61	\$4,729.86	\$6,618.22	\$4,796.58	\$4,691.02	\$4,895.56	\$4,691.02	\$6,509.21	\$56,684.86

Payroll Costs - CP Tech #2

	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	Year to Date Total
Payroll	\$0.00	\$0.00	\$0.00	\$1,152.00	\$2,880.00	\$4,333.50	\$2,907.00	\$2,880.00	\$2,988.00	\$2,880.00	\$4,320.00	\$24,340.50
Medicare	\$0.00	\$0.00	\$0.00	\$16.36	\$41.76	\$62.84	\$42.15	\$41.76	\$43.33	\$41.76	\$62.64	\$352.60
Retirement	\$0.00	\$0.00	\$0.00	\$84.62	\$216.00	\$325.01	\$290.71	\$288.00	\$298.80	\$288.00	\$432.00	\$2,223.14
Worker's Comp	\$0.00	\$0.00	\$0.00	\$42.48	\$106.19	\$159.78	\$107.18	\$106.19	\$110.17	\$106.19	\$159.28	\$897.46
Texas Workforce	\$0.00	\$0.00	\$0.00	\$10.15	\$2.88	\$4.33	\$2.91	\$0.00	\$0.00	\$0.00	\$0.00	\$20.27
Health	\$0.00	\$0.00	\$0.00	\$294.48	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$1,014.28	\$7,394.44
LTD/ADD/Life	\$0.00	\$0.00	\$0.00	\$9.09	\$31.25	\$31.25	\$31.25	\$31.25	\$31.25	\$31.25	\$31.25	\$227.84
Total	\$0.00	\$0.00	\$0.00	\$1,609.18	\$4,292.36	\$5,930.99	\$4,395.48	\$4,361.48	\$4,485.83	\$4,361.48	\$6,019.45	\$35,456.25

**CATHODIC PROTECTION
MATERIALS**

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	10/1/18			Beginning Balance			
52101	Repairs & Maint-42" line	10/15/18	6296006	PJ	FERGUSON ENTERPRISES, INC #61 - MASTIC	277.50		
52101	Repairs & Maint-42" line	10/19/18	9940219042	PJ	W. W. Grainger, Inc. - AIR CHISEL SCALER, MULTIMETER	730.26		
52101	Repairs & Maint-42" line	10/23/18	121102	PJ	CITIBANK CORPORATE CARD - Wire dispenser, wiere, electrode, Cu-Sulfate	441.35		
52101	Repairs & Maint-42" line	10/23/18	9943313024	PJ	W. W. Grainger, Inc. - chisel	11.07		
52101	Repairs & Maint-42" line	10/26/18	608959	PJ	CITIBANK CORPORATE CARD - Harbor Freight Tools CP	46.38		
52101	Repairs & Maint-42" line	10/26/18	S100193768.001	PJ	CORPUS CHRISTI ELECT. CO - Splice kit, wire, tape etc.	407.55		
52101	Repairs & Maint-42" line				Current Period Change	1,914.11		1,914.11
		10/31/18			Ending Balance			1,914.11

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	11/1/18			Beginning Balance			
52101	Repairs & Maint-42" line	11/5/18	S100195733.001	PJ	CORPUS CHRISTI ELECT. CO - Fuse- CP Rectifiers	152.20		
52101	Repairs & Maint-42" line	11/6/18	8536808	PJ	CITIBANK CORPORATE CARD - CP Supplies- Tools and Accessories	370.02		
52101	Repairs & Maint-42" line	11/7/18	9958831282	PJ	W. W. Grainger, Inc. - Canvas Cover	164.69		
52101	Repairs & Maint-42" line	11/8/18	10650443	PJ	McCOY'S BUILDING SUPPLY CENTER - CP Supplies	15.48		
52101	Repairs & Maint-42" line	11/9/18	2786209	PJ	LOWE'S BUSINESS ACCOUNT - shoval, tarp straps, ratchet bag, ladder	272.54		
52101	Repairs & Maint-42" line	11/16/18	6380664	PJ	LOWE'S BUSINESS ACCOUNT - Test leads	15.19		
52101	Repairs & Maint-42" line	11/19/18	10650786	PJ	McCOY'S BUILDING SUPPLY CENTER - Fogger and screws-	18.32		
52101	Repairs & Maint-42" line	11/28/18	05435	PJ	LOWE'S BUSINESS ACCOUNT - Cord Storage and Plastic Clamps CP	9.85		
	Thompson Pipe Grinders	11/16/18				1,083.60		
	Corrpro Companies	11/26/18				466.98		
	Repairs & Maint-42" line				Current Period Change	2,568.87		2,568.87
		11/30/18			Ending Balance			4,482.98

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	12/1/18			Beginning Balance			
52101	Repairs & Maint-42" line	12/6/18	05402	PJ	LOWE'S BUSINESS ACCOUNT - CP - Tools	50.27		
52101	Repairs & Maint-42" line	12/10/18	0592-303691	PJ	O'REILLY AUTO SUPPLY - Filter Wrench -CP use	11.99		
52101	Repairs & Maint-42" line	12/21/18	0592-305470	PJ	O'REILLY AUTO SUPPLY - track hoe items	47.99		
52101	Repairs & Maint-42" line	12/27/18	06328	PJ	LOWE'S BUSINESS ACCOUNT - CP TOOLS	20.87		
52101	Repairs & Maint-42" line				Current Period Change	131.12		131.12
		12/31/18			Ending Balance			4,614.10

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	1/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	1/2/19	010105	PJ	CITIBANK CORPORATE CARD - Kubota L3901 Tractor with loader Rental	525.00		
52101	Repairs & Maint-42" line	1/11/19	01-11-19	PJ	Petty Cash - CP - CC Electronics - clips	31.00		
52101	Repairs & Maint-42" line	1/15/19	05141	PJ	LOWE'S BUSINESS ACCOUNT - CP washer bolts Nuts, and tool box	74.97		
52101	Repairs & Maint-42" line	1/21/19	0592-309884	PJ	O'REILLY AUTO SUPPLY - Adapter- CP	14.99		
52101	Repairs & Maint-42" line	1/21/19	02779	PJ	LOWE'S BUSINESS ACCOUNT - TOOL BAGS MATERIALS	95.03		
52101	Repairs & Maint-42" line	1/23/19	87290634	PJ	PRAXAIR DISTRIBUTION INC - Welder's helmet	239.95		
52101	Repairs & Maint-42" line	1/24/19	35767	PJ	CITIBANK CORPORATE CARD - tools- bolts, gang blank cover	62.55		
52101	Repairs & Maint-42" line	1/28/19	0592-311134	PJ	O'REILLY AUTO SUPPLY - Battery charger	35.98		
52101	Repairs & Maint-42" line				Current Period Change	1,079.47		1,079.47
		1/31/19			Ending Balance			5,693.57

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
		2/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	2/1/19	S100202542	PJ	CORPUS CHRISTI ELECT. CO - cathodic wire	351.00		
52101	Repairs & Maint-42" line	2/11/19	10653727	PJ	McCOY'S BUILDING SUPPLY CENTER - Masonry cement type S, marking spray	20.03		
52101	Repairs & Maint-42" line	2/26/19	10654249	PJ	McCOY'S BUILDING SUPPLY CENTER - winged wire nuts	10.56		
52101	Repairs & Maint-42" line				Current Period Change	381.59		381.59
		2/28/19			Ending Balance			6,075.16

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	3/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	3/1/19	544566 RI	PJ	CORRPRO COMPANIES, INC. - Test Stations Actual pipe with Electrical	422.11		
52101	Repairs & Maint-42" line	3/5/19	140654437	PJ	McCOY'S BUILDING SUPPLY CENTER - CP Sand	19.65		
52101	Repairs & Maint-42" line	3/5/19	10654440	PJ	McCOY'S BUILDING SUPPLY CENTER - Cement CP	28.49		
52101	Repairs & Maint-42" line	3/8/19	S100205273.001	PJ	CORPUS CHRISTI ELECT. CO - Splice kit	215.00		
52101	Repairs & Maint-42" line	3/12/19	544855	PJ	TRACTOR SUPPLY CREDIT PLAN - Flux Coat Bronze-Brazing Rod not for welding but for	16.99		
52101	Repairs & Maint-42" line	3/18/19	10654840	PJ	McCOY'S BUILDING SUPPLY CENTER - CP Test Stations, Treated pine	54.20		
52101	Repairs & Maint-42" line	3/19/19	06515	PJ	LOWE'S BUSINESS ACCOUNT - Wire connectors- CP Test Stations	17.82		
52101	Repairs & Maint-42" line	3/19/19	03192019	PJ	W. W. Grainger, Inc. - silicone sealant	4.08		
52101	Repairs & Maint-42" line	3/19/19	1346616682	PJ	W. W. Grainger, Inc. - Color reflector 3" (50)	86.50		
52101	Repairs & Maint-42" line	3/20/19	10654907	PJ	McCOY'S BUILDING SUPPLY CENTER - screws/bolts ? CP	8.67		
52101	Repairs & Maint-42" line	3/20/19	S100207104.001	PJ	CORPUS CHRISTI ELECT. CO - CP Test Stations- straps / bolts	124.98		
52101	Repairs & Maint-42" line	3/28/19	2800094	PJ	LOWE'S BUSINESS ACCOUNT - test stations self tap screws and lumber	91.09		
52101	Repairs & Maint-42" line	3/29/19	547823 RI	PJ	CORRPRO COMPANIES, INC. - Cott Big Fink - Test Stations Actual piping for the Test Stati	1,148.86		
52101	Repairs & Maint-42" line				Current Period Change			2,238.44
		3/31/19			Ending Balance			8,313.60

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	4/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	4/8/19	9139710363	PJ	W. W. Grainger, Inc. - Color reflectors for Test Stations	69.20		
52101	Repairs & Maint-42" line	4/9/19	88728715	PJ	PRAXAIR DISTRIBUTION INC - Welding Rods CP-50pounds	170.00		
52101	Repairs & Maint-42" line	4/9/19	S100208710.001	PJ	CORPUS CHRISTI ELECT. CO - Test Stations materials	98.85		
52101	Repairs & Maint-42" line	4/30/19	CD990014924	PJ	THOMPSON PIPE GROUP-PRESSURE - Bonding clips (200)	1,023.47		
11900	Corrpro Companies	4/16/19	549948 RI	PJ	CORRPRO COMPANIES, INC. - 500 Anodes	42,625.00		
52101	Repairs & Maint-42" line				Current Period Change			43,986.52
		4/30/19			Ending Balance			52,300.12
52101	Repairs & Maint-42" line	5/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	5/1/19	01905	PJ	LOWE'S BUSINESS ACCOUNT - cement and hex bolts	17.75		
52101	Repairs & Maint-42" line	5/3/19	557677	PJ	TRACTOR SUPPLY CREDIT PLAN - Brazing Rod	16.99		
52101	Repairs & Maint-42" line	5/17/19	62089	PJ	CITIBANK CORPORATE CARD - 2 55# Rapid Set Mortar	32.80		
52101	Repairs & Maint-42" line	5/17/19	S100212436.001	PJ	CORPUS CHRISTI ELECT. CO - #10 Stranded blue wire (500 ft)	97.50		
52101	Repairs & Maint-42" line	5/31/19	108998	PJ	CITIBANK CORPORATE CARD - Concrete mix, electric tape	87.24		
52101	Repairs & Maint-42" line				Current Period Change	252.28		252.28
		5/31/19			Ending Balance			52,552.40

Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	6/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	6/4/19	06042019	PJ	CITIBANK CORPORATE CARD - dealer electric- splice kits	38.00		
52101	Repairs & Maint-42" line	6/10/19	S100213843.001	PJ	CORPUS CHRISTI ELECT. CO - Wire connectors	247.40		
52101	Repairs & Maint-42" line	6/12/19	9203409322	PJ	W. W. Grainger, Inc. - Reflective strips	5.58		
52101	Repairs & Maint-42" line	6/14/19	06142019	PJ	CITIBANK CORPORATE CARD - Rapid set concrete mix	25.60		
52101	Repairs & Maint-42" line	6/18/19	10657956	PJ	McCOY'S BUILDING SUPPLY CENTER - Rustpre Spray Black	5.16		
52101	Repairs & Maint-42" line	6/25/19	06669	PJ	LOWE'S BUSINESS ACCOUNT - Test Stations	21.21		
52101	Repairs & Maint-42" line	6/27/19	10658272	PJ	McCOY'S BUILDING SUPPLY CENTER - Screws for test stations	17.34		
52101	Repairs & Maint-42" line				Current Period Change	360.29		360.29
		6/30/19			Ending Balance			52,912.69
Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	7/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	7/8/19	10658503	PJ	McCOY'S BUILDING SUPPLY CENTER - Black enamel paint for ARV	34.12		
52101	Repairs & Maint-42" line	7/15/19	S100217420.001	PJ	CORPUS CHRISTI ELECT. CO - nylon wire 500 foot roll	92.50		
52101	Repairs & Maint-42" line	7/19/19	071502	PJ	CITIBANK CORPORATE CARD - Home Depot- Wire connectors	18.84		
52101	Repairs & Maint-42" line	7/26/19	1299912 PT3312010	PJ	HOSE of SOUTH TEXAS - Wormgear clamps for ARV openings	86.38		
52101	Repairs & Maint-42" line	7/29/19	076287	PJ	CITIBANK CORPORATE CARD - 3 - 60lbs bags Rapid Set Concrete Mix	38.40		
52101	Repairs & Maint-42" line				Current Period Change	270.24		270.24
		7/31/19			Ending Balance			53,182.93
Account	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt	Credit Amt	Balance
52101	Repairs & Maint-42" line	8/1/19			Beginning Balance			
52101	Repairs & Maint-42" line	8/13/19	10659794	PJ	McCOY'S BUILDING SUPPLY CENTER - Flat washers, hex nuts	18.31		
52101	Repairs & Maint-42" line	8/30/19	34187	PJ	CITIBANK CORPORATE CARD - Rapid set concrete mix & screws	45.16		
52101	Repairs & Maint-42" line				Current Period Change	63.47		63.47
		8/31/19			Ending Balance			53,246.40

**SOUTH TEXAS WATER AUTHORITY
2012 BOND ELECTION**

Cost of Bond Issuance:	\$107,386.40	
Proposition #1: REGIONAL WATERLINE	\$1,900,000.00	36.54%
Proposition #2: KINGSVILLE PUMP STATION	\$2,925,000.00	56.25%
Proposition #3: BISHOP FACILITY	<u>\$375,000.00</u>	<u>7.21%</u>
TOTAL BOND PROCEEDS:	\$5,307,386.40	100.00%

Cost of Bond Issuance		
Financial Advisory Fee (First Southwest)	\$30,385.00	
Computer Structure Fee (for bidding securities)	\$6,000.00	
Bond Counsel - Leroy Grawunder (MP&H)	\$39,000.00	
Attorney General - State Fees and Review	\$5,110.00	
Standard & Poor's - Rating Agency	\$11,000.00	
Paying Agent - Bank processing bonds/paid semi annually	\$200.00	
Document Preparation/Printing	\$5,000.00	
Miscellaneous	\$1,973.90	
Accrued Interest - use to make first Debt Payment	<u>\$8,717.50</u>	
TOTAL Cost of Bond Issuance	\$107,386.40	

Proposition #1: REGIONAL WATERLINE

36.54%

	Engineer Estimate	Contract Amount	Amount Expended	Amount Remaining
TOTAL PROPOSITION #1:	\$1,900,000.00			\$1,900,000.00
Engineering: HDR		\$209,300.00	\$209,300.00	\$1,690,700.00
Construction: Lewis Construction		\$1,035,100.00	\$1,035,100.00	
Change Order #1		\$4,320.85	\$0.00	
Change Order #2		\$30,815.17	\$30,815.17	
Change Order #3		-\$5,100.00	-\$5,100.00	
Change Order #4		\$13,954.16	\$13,954.16	
		<u>\$1,079,090.18</u>	<u>\$1,074,769.33</u>	
ROW Acquisition:		<u>\$57,436.31</u>	<u>\$57,436.31</u>	
Verizon Wireless - Prepay		\$1,136,526.49	\$1,132,205.64	
Verizon Wireless - Additional amount due			\$4,688.46	
J. V. Oilfield			\$911.04	
			<u>\$3,528.80</u>	
			\$1,141,333.94	\$549,366.06
HDR Pipeline Condition Assessment		\$105,900.00	\$100,605.00	\$448,761.06
HDR LAS Booster -Driscoll		\$71,100.00	\$31,998.00	\$416,763.06
LAS Booster - Construction		\$369,000.00	\$369,000.00	
Change Order #1		\$45,586.84	\$45,586.84	
Change Order #2		\$1,705.00	\$1,705.00	
Change Order #3		<u>\$10,650.00</u>	<u>\$10,650.00</u>	
		\$426,941.84	\$426,941.84	-\$10,178.78
Rock Engineering			\$1,051.00	
Rock Engineering			\$201.00	
Rock Engineering			<u>\$2,026.00</u>	
			\$3,278.00	-\$13,456.78
Non-Construction Related Costs:		<u>\$22,650.42</u>	<u>\$20,031.42</u>	
TOTAL Proposition #1	\$1,900,000.00	\$1,763,118.75	\$1,933,488.20	-\$33,488.20

Proposition #2: KINGSVILLE PUMP STATION

56.25%

	Engineer Estimate	Contract Amount	Amount Expended	Amount Remaining
TOTAL PROPOSITION #2	\$2,925,000.00			
Construction Related Costs:	\$2,242,000.00			\$2,242,000.00
PreLoad - 1 million gallon ground storage tank		\$1,319,700.00		
Change Order #1		-\$4,802.06		
Change Order - Liquidated Damages		<u>-\$66,295.39</u>		
Ground Storage Tank - PreLoad		\$1,248,602.55 *	\$1,206,897.95	
Final - Payment #8 - Liquidated damages			<u>\$41,704.60</u>	
			\$1,248,602.55	
Mission Automated - additional work on mixing system (not a subcontractor of PreLoad)			\$1,750.00	
Rock Engineering - Soil samples			<u>\$1,521.50</u>	
			\$1,251,874.05	
Liquidated Damages				
Liquidated Damages - HDR Eng.		\$48,000.00		
Mission Automated		\$11,854.14		
Reimburse STWA-water/employee overtime		<u>\$6,441.25</u>		
Total Liquidated Damages		\$66,295.39		
Total Construction cost of Ground Storage Tank			\$1,318,169.44	\$923,830.56
ACP - New Kingsville Pumps		\$295,000.00	\$295,000.00	
Change Order #1		\$12,310.75	\$12,310.75	
Odessa Pumps		<u>\$20,162.00</u>	<u>\$20,162.00</u>	
		\$327,472.75	\$327,472.75	\$596,357.81
D & H United Fueling Solutions - Generator		\$123,586.38	\$123,586.39	
				\$472,771.42
Engineering Costs:	\$560,500.00			\$560,500.00
HDR Engineering - GST*		\$234,800.00	\$234,800.00	
HDR Engineering - Kingsville Pumps		\$91,600.00	\$91,600.00	
LNV - Generator		\$30,000.00	<u>\$30,000.00</u>	
			\$356,400.00	\$204,100.00
Non-Construction Related Costs:	\$122,500.00	\$0.00	\$30,836.54	\$91,663.46
TOTAL Proposition #2	\$2,925,000.00		\$2,086,898.23	\$768,534.88

Proposition #3: BISHOP FACILITY

7.21%

	Engineer Estimate	Contract Amount	Amount Expended	Amount Remaining
Construction Related Costs:	\$277,100.00			\$277,100.00
Mercer - Bishop West Pumps		\$109,900.00	\$109,900.00	
Change Order: Change Order #1 - Paint Building		\$3,996.50	\$3,996.50	
Change to WYE		<u>\$3,700.00</u>	<u>\$3,700.00</u>	
		\$117,596.50	\$117,596.50	\$159,503.50
Engineering Costs:	\$69,300.00			
LNV Engineering		\$52,200.00	\$52,200.00	\$17,100.00
Non-Construction Related Costs:	\$28,600.00		\$3,952.55	\$24,647.45
				\$201,250.95

TOTAL	\$936,297.63
INTEREST EARNINGS	\$64,187.88
BALANCE	\$1,000,485.51
CATHODIC PROTECTION	\$145,564.13
REMAINING BOND FUNDS	\$854,921.38

INV DATE	VENDOR	INV #	DESCRIPTION	STATUS	AMOUNT
8/31/2019	Willatt & Flickinger, PLLC		August Legal	pending	\$2,328.80
8/31/2019	Walker Partners	17327	RWSC Disinfection Impr	pending	\$7,500.00
9/2/2019	Kleberg County Appraisal District		4th Quarter payment	pending	\$5,344.79
9/6/2019	City of Corpus Christi		August Water	pending	\$172,715.45
					\$187,889.04

WILLATT & FLICKINGER, PLLC
ATTORNEYS AT LAW

12912 HILL COUNTRY BLVD., SUITE F-232 • AUSTIN, TEXAS 78738 • (512) 476-6604 • FAX (512) 469-9148

August 30, 2019

Ms. Carola Serrato
Executive Director
South Texas Water Authority
P.O. Box 1701
Kingsville, Texas 78364-1701

POSTED

FOR PROFESSIONAL SERVICES RENDERED since the date of last billing:

GENERAL

BILL FLICKINGER

- 08/01/19 Telephone conference with Carola Serrato on status of License Agreement with the City of Bishop and possible meeting with City representatives. (0.2 Hours).
- 08/02/19 Telephone conference with Carola Serrato on supplement to tax values from Nueces County and on proposed email to paint contractors. (0.2 Hours). Receive and review email from Reba George on correction to water rate model and wholesale rates. (0.2 Hours).
- 08/03/19 Receive and review emails from Carola Serrato to painting contractors on request for revised bids. (0.2 Hours).
- 08/05/19 Receive and review alternative quote from Elite National for tank painting. (0.2 Hours).
- 08/06/19 Telephone conference with Carola Serrato on today's special Board meeting and possible meeting with City of Bishop. (0.2 Hours).
- 08/07/19 Receive and review emails from Chris Ekrut to Reba George with questions on Corpus Christi water rate model. (0.3 Hours). Receive and review email from Carola Serrato to Cynthia Contreras on scheduling meeting with City of Bishop representatives on License Agreement. (0.2 Hours).
- 08/15/19 Telephone conference with Carola Serrato on legislative update. (0.4 Hours).
- 08/16/19 Review several emails between Chris Ekrut and Reba George on City of Corpus Christi water rate model. (0.4 Hours).

August 30, 2019

Page 2

- 08/19/19 Review tank painting bids and send email to Carola Serrato on same. (0.3 Hours).
- 08/22/19 Emails with Carola Serrato on ERCOT's demand response program. (0.2 Hours).
- 08/24/19 Continue review of bids on painting ground storage tank. (0.3 Hours). Email to Carola Serrato on same. (0.2 Hours).
- 08/26/19 Review email from Reba George to Chris Ekrut on Corpus Christi water rate model. (0.2 Hours). Receive and review email from Carola Serrato to Chris Ekrut on same. (0.2 Hours). Telephone conference with Carola Serrato on bids for painting ground storage tank. (0.2 Hours).
- 08/27/19 Telephone conference with Carola Serrato on status of Water Supply Contract with City of Driscoll. (0.2 Hours). Telephone conference with attorney Mike Morris on status of City of Driscoll Water Supply Contract. (0.2 Hours).
- 08/28/19 Review various emails from Carola Serrato and the City Secretary of Driscoll on next Council meeting and the proposed Water Supply Contract. (0.3 Hours). Email to City Attorney Mike Morris on same and providing chronology of correspondence and efforts to get a contract in place. (0.5 Hours). Review additional emails between Chris Ekrut and Carola Serrato on City of Corpus Christi water rate model. (0.2 Hours). Review emails between Carola Serrato and the City Secretary of Bishop on status of License Agreement. (0.2 Hours).
- 08/29/19 Continue review of proposed Voltus and Spireon contracts. (0.3 Hours). Email to Carola Serrato on indemnity clause in proposed Spireon contract. (0.2 Hours). Emails with Carola Serrato on Voltus contract. (0.5 Hours). Review emails between Chris Ekrut and Martha Messer on questions related to Corpus Christi water rate model. (0.2 Hours). Telephone conference with Carola Serrato on conversation with CEO of Elite National and on Voltus contract. (0.4 Hours).

Attorney BF: 7.3 Hours

ALLISON NIX

- 08/27/19 Telephone conference with Carola Serrato on contact with City Attorney for Driscoll in connection with the water supply contract. Receive and review email from Carola Serrato providing documentation in connection with same. (0.2 Hours).

Legal Assistant AN: 0.2 Hours

August 30, 2019

Page 3

JENIFFER CONCIENNE

08/16/19 Prepare Resolution Adopting Rules on Public's Right to Address the Board of Directors. Prepare sample language for billing insert. Draft and send email to Carola Serrato attaching same for her review. (1.0 Hour).

Legal Assistant JC: 1.0 Hour

Attorney BF: 7.3 Hours @ \$300.00 per hour	\$2,190.00
Attorney MM: 0 Hours @ \$300.00 per hour	
Legal Assistant AN: 0.2 Hours @ \$95.00 per hour	\$19.00
Legal Assistant JC: 1.0 Hours @ \$95.00 per hour	\$95.00

CLIENT EXPENSES

74 Photocopies @ \$0.20 each \$14.80

20 Color Photocopies @ \$0.50 each \$10.00

Total Client Expenses \$24.80

TOTAL AMOUNT DUE \$2,328.80

Invoice

Walker Partners
engineers * surveyors
823 Washington Avenue, Suite 100
Waco, TX 76701
Phone:(254) 714-1402 / Fax:(254) 714-0402
www.walkerpartners.com
TBPE No. 8053 | TBPLS No. 10032500

RECEIVED
SEP 16 2019
SOUTH TEXAS WATER AUTHORITY

Carola Serrato
South Texas Water Authority
P. O. Box 1701
Kingsville, TX 78364

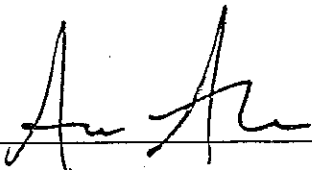
August 31, 2019
Invoice No: 0300750.00 - 17327

Total This Invoice \$7,500.00

Project Manager: Aaron D. Archer, P.E.
Project 0300750.00 South Texas Water Authority - RWSC Disinfection Improvements
Engineering/Surveying Services through August 27, 2019

Phase	00000	Lump Sum Fee				
Billing Phase		Lump Sum Fee	% Comp.	Earned	Prior Amount	Current Amount
40 Final Design		17,200.00	43.6047	7,500.00	0.00	7,500.00
Total Fee		17,200.00		7,500.00	0.00	7,500.00
		Total				7,500.00
				Sub-total		\$7,500.00
				Total this Invoice		<u>\$7,500.00</u>

Billings to Date	Current	Prior	Total	Received	A/R Balance
Lump Sum Fee	7,500.00	0.00	7,500.00		
Totals	7,500.00	0.00	7,500.00	0.00	7,500.00

Authorized By: 
Aaron D. Archer, P.E.

Date: 9/15/19

POSTED

KLEBERG COUNTY APPRAISAL DISTRICT

P.O. BOX 1027 - 502 E. KLEBERG - KINGSVILLE, TEXAS 78364

PH. # (361) 595-5775 - FAX # (361) 595-7984

RECEIVED

SEP 05 2019

SOUTH TEXAS WATER AUTHORITY

TO: South Texas Water Authority
FROM: Kleberg County Appraisal District
DATE: September 2, 2019
SUBJECT: 2019 Appraisal District Payment Information

The fourth payment from your taxing unit toward the 2019 Appraisal District Operating Budget is due to be paid by September 30, 2019. Thank you for your attention to this matter.

Amount due if paid by 9/30/2019:	\$	5,344.79
Amount due if paid after 9/30/2019:	\$	5,656.57

\$	5,344.79	
+ \$	267.24	(5% Penalty)
+ \$	44.54	(10% Interest /Mo)
\$	<u>5,656.57</u>	

POSTED



**CITY OF
CORPUS
CHRISTI**

Utility & Environmental Utility Services
City of Corpus Christi
P.O. Box 1127 • Corpus Christi, TX 78401-0127
Tel: 361-826-1111 • www.cctexas.com

Account Number:
Statement Date:
Due Date:
Page:

20004093
9/8/2019
9/27/2019
Page 1 of 2

SERVICE INFORMATION

Account Name: SOUTH TX WATER AUTH
Account Number: 20004093
Service Address: 0 END DR WTR5 RAW
Account Type: PA
Invoice Number: 2716558

QUESTIONS ABOUT YOUR BILL?

Customer Call Center
Monday - Friday:
7:00am - 6:00pm
(361) 826-CITY(2489)
WWW.CCTEXAS.COM

IMPORTANT MESSAGES

If you are making bill payments through your financial institution, please reference your 8 digit utility account number on your payment. Your utility account number is located in the top right corner of this page.

ACCOUNT SUMMARY

PREVIOUS BALANCE	\$144,013.45
PAST DUE LATE FEE	\$7,200.67
BALANCE FORWARD DUE NOW	\$151,214.12
NEW CHARGES	
WATER	\$104,135.35
RWCA \$1.013/TGAL	\$68,580.10
TOTAL WATER	\$172,715.45
NEW CHARGES DUE BY 9/27/2019:	\$172,715.45
DELINQUENT BALANCE DUE NOW	\$151,214.12
AMOUNT DUE	\$323,929.57

PLEASE ALLOW 5 BUSINESS DAYS BEFORE DUE DATE TO ENSURE PROPER CREDIT.

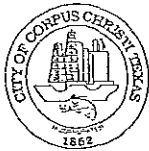
RECEIVED

SEP 12 2019

SOUTH TEXAS WATER AUTHORITY

POSTED

KEEP TOP PORTION FOR YOUR RECORDS AND RETURN BOTTOM STUB WITH YOUR PAYMENT.



**CITY OF
CORPUS
CHRISTI**

P.O. Box 9257 • Corpus Christi, TX 78469-9257
(361) 826-CITY • www.cctexas.com



Service Address: 0 END DR WTR5 RAW
Cycle-Route #: 01-60

Account Number	Due Date	Amount Due
20004093	9/27/2019	\$323,929.57

If payment is received after the due date, a five percent penalty will be assessed.

AMOUNT ENCLOSED \$

MAKE CHECKS PAYABLE TO: CITY OF CORPUS CHRISTI

When making payment in person, please bring this stub.

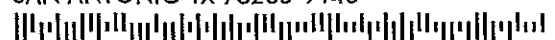
Working to Serve YOU Better.

675



SOUTH TX WATER AUTH
P O BOX 1701
KINGSVILLE TX 78364-1701

CITY OF CORPUS CHRISTI
PO BOX 659880
SAN ANTONIO TX 78265-9143



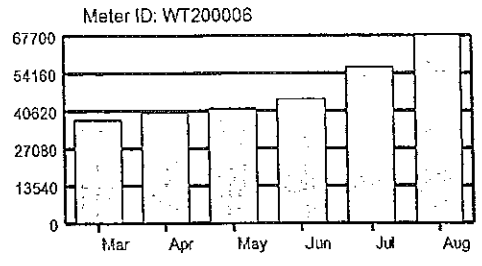
200040930323929575

METER INFORMATION

SERVICE PERIOD: 7/31/2019 - 8/31/2019 32 days

Meter ID	Service Type	Current Read	Previous Read	Consumption 8/31/2019
WT200006	WA	4919800	4852100	67700

CONSUMPTION HISTORY



Moving or Discontinuing your Services?
 To stop or change utility services, please call Customer Call Center
 (361) 826-CITY (2489)

PLEASE HELP US TO SERVE YOU BETTER

- DO NOT SEND CASH
- Sign your check or money order
- Write account number on your check
- Enclose your stub with your check
- No Staples, No Paper Clips
- Thank you for your assistance

OPTIONS AVAILABLE TO PAY YOUR BILL

- Mail payment along with stub in return envelope provided.
- Bank Draft available via Dynamic Portal at www.cctexas.com.
- Online Payment - Register via Dynamic Portal at www.cctexas.com available 24/7.
- By phone 24/7 with a credit or debit card at 361-885-0751.

AUTHORIZED PAY STATIONS

All local HEB locations
 Please allow 2 business days before due date to ensure proper credit.

ANTICIPATED (BUDGETED) vs. ACTUAL WATER RATE CHARGED

	ANTICIPATED (BUDGETED) CHARGES			ACTUAL CHARGES			Difference: Actual vs. Budgeted
	Handling Charge	CC Cost	Total	Handling Charge	CC Cost	Total	
Oct-18	\$0.426386	\$2.3962	\$2.8226	\$0.426386	\$2.400926	\$2.827312	\$0.0047
Nov-18	\$0.426386	\$2.3978	\$2.8242	\$0.426386	\$2.394856	\$2.821242	-\$0.0029
Dec-18	\$0.426386	\$2.3977	\$2.8240	\$0.426386	\$2.397809	\$2.824195	\$0.0002
Jan-19	\$0.426386	\$2.5585	\$2.9849	\$0.426386	\$2.563857	\$2.990243	\$0.0053
Feb-19	\$0.426386	\$2.5602	\$2.9866	\$0.426386	\$2.562148	\$2.988534	\$0.0020
Mar-19	\$0.426386	\$2.5584	\$2.9848	\$0.426386	\$2.560199	\$2.986585	\$0.0018
Apr-19	\$0.426386	\$2.5575	\$2.9839	\$0.426386	\$2.558795	\$2.985181	\$0.0013
May-19	\$0.426386	\$2.5569	\$2.9833	\$0.426386	\$2.558340	\$2.984726	\$0.0014
Jun-19	\$0.426386	\$2.5566	\$2.9830	\$0.426386	\$2.556945	\$2.983331	\$0.0004
Jul-19	\$0.426386	\$2.5544	\$2.9808	\$0.426386	\$2.553430	\$2.979816	-\$0.0010
Aug-19	\$0.426386	\$2.5545	\$2.9808	\$0.426386	\$2.551188	\$2.977574	-\$0.0033
Sep-19	\$0.426386	\$2.5570	\$2.9833	\$0.426386		\$0.426386	-\$2.5570
Avg Cost	\$0.426386	\$2.5171	\$2.9435	\$0.426386	\$2.514408	\$2.940794	-\$0.0027

ANTICIPATED (BUDGETED) vs. ACTUAL WATER USAGE

All

Customers	Budgeted	Actual	Difference	NWSC	Budgeted	Actual	Difference
Oct-18	43,062,520	42,957,680	-104,840	Oct-18	12,246,024	13,422,420	1,176,396
Nov-18	39,364,677	46,914,980	7,550,303	Nov-18	11,006,676	13,454,530	2,447,854
Dec-18	39,672,886	39,489,710	-183,176	Dec-18	11,022,768	13,970,520	2,947,752
Jan-19	40,736,971	35,035,330	-5,701,641	Jan-19	11,767,366	13,131,970	1,364,604
Feb-19	37,399,151	36,095,310	-1,303,841	Feb-19	10,542,988	12,359,380	1,816,392
Mar-19	41,040,729	39,846,360	-1,194,369	Mar-19	11,148,151	14,090,630	2,942,479
Apr-19	43,086,786	42,644,290	-442,496	Apr-19	11,900,837	14,349,560	2,448,723
May-19	44,539,563	44,911,460	371,897	May-19	12,473,511	15,949,470	3,475,959
Jun-19	45,514,314	45,673,660	159,346	Jun-19	13,090,139	15,908,800	2,818,661
Jul-19	52,429,711	56,949,480	4,519,769	Jul-19	14,997,937	18,726,230	3,728,293
Aug-19	52,198,325	68,025,120	15,826,795	Aug-19	14,818,303	20,233,260	5,414,957
Sep-19	44,493,859	0		Sep-19	13,165,218	0	
TOTAL	523,539,495	498,543,380	19,497,745	TOTAL	148,179,918	165,596,770	30,582,070

Kingsville

RWSC

Customers	Budgeted	Actual	Difference	RWSC	Budgeted	Actual	Difference
Oct-18	10,465,979	11,526,000	1,060,021	Oct-18	8,686,000	7,837,000	-849,000
Nov-18	10,465,979	14,703,000	4,237,021	Nov-18	7,566,000	6,767,000	-799,000
Dec-18	10,465,979	9,990,000	-475,979	Dec-18	7,426,600	7,249,000	-177,600
Jan-19	10,465,979	5,949,000	-4,516,979	Jan-19	7,345,000	8,378,000	1,033,000
Feb-19	10,465,979	10,005,000	-460,979	Feb-19	6,573,200	6,812,000	238,800
Mar-19	10,465,979	9,083,000	-1,382,979	Mar-19	8,123,200	9,141,000	1,017,800
Apr-19	10,465,979	11,316,000	850,021	Apr-19	8,844,400	9,562,000	717,600
May-19	10,465,979	12,462,000	1,996,021	May-19	9,071,600	7,930,000	-1,141,600
Jun-19	10,465,979	12,484,000	2,018,021	Jun-19	9,421,600	8,791,000	-630,600
Jul-19	10,465,979	13,767,000	3,301,021	Jul-19	10,670,600	11,356,000	685,400
Aug-19	10,465,979	13,933,000	3,467,021	Aug-19	10,878,000	14,157,000	3,279,000
Sep-19	10,465,979	0		Sep-19	8,333,800	0	
TOTAL	125,591,753	125,218,000	10,092,226	TOTAL	102,940,000	97,980,000	3,373,800

Bishop	Budgeted	Actual	Difference
Oct-18	4,397,600	2,413,000	-1,984,600
Nov-18	3,711,000	4,497,000	786,000
Dec-18	4,234,000	330,000	-3,904,000
Jan-19	4,464,400	11,000	-4,453,400
Feb-19	3,550,000	0	-3,550,000
Mar-19	4,585,400	195,000	-4,390,400
Apr-19	4,559,600	0	-4,559,600
May-19	4,897,600	279,000	-4,618,600
Jun-19	4,629,400	0	-4,629,400
Jul-19	7,354,800	3,768,000	-3,586,800
Aug-19	7,643,200	8,015,000	371,800
Sep-19	5,273,400	0	
TOTAL	59,300,400	19,508,000	-34,519,000

Banquete	Budgeted	Actual	Difference
Oct-18	2,263,070	1,969,000	-294,070
Nov-18	2,054,046	2,079,220	25,174
Dec-18	2,024,012	2,301,060	277,048
Jan-19	2,028,542	1,919,740	-108,802
Feb-19	1,932,604	1,638,550	-294,054
Mar-19	1,964,422	1,621,910	-342,512
Apr-19	2,101,106	1,739,270	-361,836
May-19	2,222,884	1,848,830	-374,054
Jun-19	2,274,290	1,866,580	-407,710
Jul-19	2,533,618	2,027,620	-505,998
Aug-19	2,501,660	2,619,900	118,240
Sep-19	2,139,458	0	
TOTAL	26,039,712	21,631,680	-2,268,574

Driscoll	Budgeted	Actual	Difference
Oct-18	2,674,051	3,930,000	1,255,949
Nov-18	2,604,305	3,666,400	1,062,095
Dec-18	2,527,969	3,524,700	996,731
Jan-19	2,753,560	3,617,100	863,540
Feb-19	2,533,000	3,436,800	903,800
Mar-19	2,802,440	3,726,200	923,760
Apr-19	2,893,740	3,713,000	819,260
May-19	3,100,100	3,900,600	800,500
Jun-19	3,149,760	3,894,100	744,340
Jul-19	3,656,300	4,476,200	819,900
Aug-19	3,340,813	5,859,300	2,518,487
Sep-19	2,935,040	0	
TOTAL	34,971,079	43,744,400	11,708,361

Agua Dulce	Budgeted	Actual	Difference
Oct-18	2,329,796	1,860,260	-469,536
Nov-18	1,956,670	1,747,830	-208,840
Dec-18	1,971,558	2,124,430	152,872
Jan-19	1,912,124	2,028,520	116,396
Feb-19	1,801,380	1,843,580	42,200
Mar-19	1,951,137	1,988,620	37,483
Apr-19	2,321,124	1,964,460	-356,664
May-19	2,307,888	2,541,560	233,672
Jun-19	2,483,146	2,729,180	246,034
Jul-19	2,750,476	2,828,430	77,954
Aug-19	2,550,370	3,207,660	657,290
Sep-19	2,180,964	0	
TOTAL	26,516,633	24,864,530	528,861

Kingsville Actual Usage vs. Bell Chart Volume

	Target Volume	Actual Volume	Difference
Oct-18	12,451,513	11,526,000	-925,513
Nov-18	7,362,963	14,703,000	7,340,037
Dec-18	5,893,607	9,990,000	4,096,393
Jan-19	4,650,000	5,949,000	1,299,000
Feb-19	6,760,471	10,005,000	3,244,529
Mar-19	8,319,028	9,083,000	763,972
Apr-19	10,906,161	11,316,000	409,839
May-19	12,497,858	12,462,000	-35,858
Jun-19	14,240,055	12,484,000	-1,756,055
Jul-19	15,711,155	13,767,000	-1,944,155
Aug-19	15,911,986	13,933,000	-1,978,986
Sep-19	13,866,300	0	
TOTAL	128,571,097	125,218,000	10,513,203

Net Revenue per Thousand (1,000) Gallons

Kingsville				NWSC			
	Actual	Net Rev	Per 1000g		Actual	Net Rev	Per 1000g
Oct-18	11,526,000	\$3,791.66	\$0.3290	Oct-18	13,422,420	\$4,137.05	\$0.3082
Nov-18	14,703,000	\$5,193.06	\$0.3532	Nov-18	13,454,530	\$4,730.43	\$0.3516
Dec-18	9,990,000	\$2,537.71	\$0.2540	Dec-18	13,970,520	\$4,407.76	\$0.3155
Jan-19	5,949,000	\$1,446.93	\$0.2432	Jan-19	13,131,970	\$3,938.90	\$0.2999
Feb-19	10,005,000	\$2,891.89	\$0.2890	Feb-19	12,359,380	\$3,641.96	\$0.2947
Mar-19	9,083,000	\$2,692.02	\$0.2964	Mar-19	14,090,630	\$4,341.10	\$0.3081
Apr-19	11,316,000	\$3,670.37	\$0.3244	Apr-19	14,349,560	\$4,270.63	\$0.2976
May-19	12,462,000	\$4,073.76	\$0.3269	May-19	15,949,470	\$4,997.33	\$0.3133
Jun-19	12,484,000	\$4,078.01	\$0.3267	Jun-19	15,908,800	\$4,955.69	\$0.3115
Jul-19	13,767,000	\$4,531.40	\$0.3291	Jul-19	18,726,230	\$5,828.50	\$0.3112
Aug-19	13,933,000	\$0.00	\$0.0000	Aug-19	20,233,260	\$0.00	\$0.0000
Sep-19	0	\$0.00	#DIV/0!	Sep-19	0	\$0.00	#DIV/0!
TOTAL	125,218,000	\$34,906.81	\$0.2788	TOTAL	165,596,770	\$45,249.35	\$0.2733

Bishop				RWSC			
	Actual	Net Rev	Per 1000g		Actual	Net Rev	Per 1000g
Oct-18	2,413,000	\$126.37	\$0.0524	Oct-18	7,837,000	\$1,859.35	\$0.2373
Nov-18	4,497,000	\$943.99	\$0.2099	Nov-18	6,767,000	\$1,385.55	\$0.2048
Dec-18	330,000	-\$791.23	-\$2.3977	Dec-18	7,249,000	\$1,522.81	\$0.2101
Jan-19	11,000	-\$800.56	-\$72.7782	Jan-19	8,378,000	\$1,908.52	\$0.2278
Feb-19	0	-\$792.40	#DIV/0!	Feb-19	6,812,000	\$1,310.07	\$0.1923
Mar-19	195,000	-\$885.79	-\$4.5425	Mar-19	9,141,000	\$2,144.35	\$0.2346
Apr-19	0	-\$972.05	#DIV/0!	Apr-19	9,562,000	\$2,374.58	\$0.2483
May-19	279,000	-\$950.88	-\$3.4082	May-19	7,930,000	\$1,790.20	\$0.2258
Jun-19	0	-\$1,113.20	#DIV/0!	Jun-19	8,791,000	\$2,032.60	\$0.2312
Jul-19	3,768,000	\$275.34	\$0.0731	Jul-19	11,356,000	\$2,860.47	\$0.2519
Aug-19	8,015,000	\$0.00	\$0.0000	Aug-19	14,157,000	\$0.00	\$0.0000
Sep-19	0	\$0.00	#DIV/0!	Sep-19	0	\$0.00	#DIV/0!
TOTAL	19,508,000	-\$4,960.41	-\$0.2543	TOTAL	97,980,000	\$19,188.50	\$0.1958

Driscoll				Banquete			
	Actual	Net Rev	Per 1000g		Actual	Net Rev	Per 1000g
Oct-18	3,930,000	\$1,106.55	\$0.2816	Oct-18	1,969,000	\$421.76	\$0.2142
Nov-18	3,666,400	\$610.67	\$0.1666	Nov-18	2,079,220	\$598.23	\$0.2877
Dec-18	3,524,700	\$939.56	\$0.2666	Dec-18	2,301,060	\$550.37	\$0.2392
Jan-19	3,617,100	\$984.84	\$0.2723	Jan-19	1,919,740	\$393.96	\$0.2052
Feb-19	3,436,800	\$906.75	\$0.2638	Feb-19	1,638,550	\$324.59	\$0.1981
Mar-19	3,726,200	\$1,031.20	\$0.2767	Mar-19	1,621,910	\$323.69	\$0.1996
Apr-19	3,713,000	\$975.88	\$0.2628	Apr-19	1,739,270	\$376.91	\$0.2167
May-19	3,900,600	\$1,003.05	\$0.2572	May-19	1,848,830	\$438.94	\$0.2374
Jun-19	3,894,100	\$1,036.70	\$0.2662	Jun-19	1,866,580	\$451.38	\$0.2418
Jul-19	4,476,200	\$1,265.60	\$0.2827	Jul-19	2,027,620	\$495.88	\$0.2446
Aug-19	5,859,300	\$0.00	\$0.0000	Aug-19	2,619,900	\$0.00	\$0.0000
Sep-19	0	\$0.00	#DIV/0!	Sep-19	0	\$0.00	#DIV/0!
TOTAL	43,744,400	\$9,860.80	\$0.2254	TOTAL	21,631,680	\$4,375.71	\$0.2023

Agua Dulce				All Customers			
	Actual	Net Rev	Per 1000g		Actual	Net Rev	Per 1000g
Oct-18	1,860,260	\$394.24	\$0.2119	Oct-18	42,957,680	\$11,836.98	\$0.2755
Nov-18	1,747,830	\$520.93	\$0.2980	Nov-18	46,914,980	\$13,982.86	\$0.2980
Dec-18	2,124,430	\$478.33	\$0.2252	Dec-18	39,489,710	\$9,645.31	\$0.2442
Jan-19	2,028,520	\$449.33	\$0.2215	Jan-19	35,035,330	\$8,321.92	\$0.2375
Feb-19	1,843,580	\$383.08	\$0.2078	Feb-19	36,095,310	\$8,665.94	\$0.2401
Mar-19	1,988,620	\$465.06	\$0.2339	Mar-19	39,846,360	\$10,111.63	\$0.2538
Apr-19	1,964,460	\$439.15	\$0.2235	Apr-19	42,644,290	\$11,135.47	\$0.2611
May-19	2,541,560	\$657.51	\$0.2587	May-19	44,911,460	\$12,009.91	\$0.2674
Jun-19	2,729,180	\$714.45	\$0.2618	Jun-19	45,673,660	\$12,155.63	\$0.2661
Jul-19	2,828,430	\$702.57	\$0.2484	Jul-19	56,949,480	\$15,959.76	\$0.2802
Aug-19	3,207,660	\$0.00	\$0.0000	Aug-19	68,025,120	\$0.00	\$0.0000
Sep-19	0	\$0.00	#DIV/0!	Sep-19	0	\$0.00	#DIV/0!
TOTAL	24,864,530	\$5,204.65	\$0.2093	TOTAL	498,543,380	\$113,825.41	\$0.2283

INTER-OFFICE MEMO

TO: Carola G. Serrato, Executive Director
FROM: Armando Yruegas, O&M Supervisor
DATE: September 19, 2019
RE: Maintenance & Technical Report

During the week of August 26, 2019, the following work was completed.

- Exercised generators, downloaded GPS reports and performed line locates.
- Collected/Monitored NAP samples.
- Took daily residuals for the Driscoll Booster Station project. (Booster Station, CR 16 & KI MR)
- Held a Safety Meeting.
- Delivered ammonia to pump stations.
- Delivered 1 ton chlorine container to Driscoll Pump Station.
- Trouble shoot Driscoll LAS system.

During the week of September 2, 2019, the following work was completed.

- Exercised generators, downloaded GPS reports and performed line locates.
- Collected/Monitored NAP samples.
- Took daily residuals for the Driscoll Booster Station project. (Booster Station, CR 16 & KI MR)
- Replaced solution on Driscoll chlorine analyzer.
- Changed oil on Unit #2.
- Performed Line Locates.
- Cleaned pump station buildings.
- Picked up mower at Robstown Hardware that was getting PM service.
- Delivered chlorine to pump stations.

During the week of September 9, 2019, the following work was completed.

- Exercised generators, downloaded GPS reports and performed line locates.
- Collected/Monitored NAP samples.
- Took daily residuals for the Driscoll Booster Station project. (Booster Station, CR 16 & KI MR)
- Replaced tires on Unit #11.
- Located covers for pump couplings.

- Oil change on Unit #3.
- Performed Line locates.
- Replaced Opto 22 module at Sablatura Park.
- Delivered chlorine to pump station.
- Placed temporary chlorine scale at Central Pump Station.

To: Carola G. Serrato, Executive Director

From: Armando Yruegas, O&M Supervisor

Date: September 19, 2019

Re: CP Update

As of September 19, 2019, 382 anodes on 348 joints on the 42" water line have been installed. Compared to last month's report which listed 363 anodes on 313 joints. We have replaced 35 old test stations with new ones. As of today, 15,654 LF north of the rectifier on 1st Street in Bishop have had anodes added. Last month's that footage was 14,694 LF. We have completed 43,952 feet of the 52,300 feet in Contract 1.

We have been checking both rectifiers, which are connected to the 42" on 1st Street in Bishop and CR 4. Both are working properly. These 2 rectifiers cover 21,122 feet of cathodic protection on Contract 1, which extends from FM 70 to the Nueces/ Kleberg County line.

We have been installing reflective plates on test stations posts that we bought from Mueller Metals. This provides better visibility of test stations.

On September 04, 2019 the Bobcat excavator was taken to the Bobcat dealership for its 250 hour service.

ATTACHMENT 3

FY 2019 Budget Amendments

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 20, 2019
Re: Fiscal Year 2019 Budget Amendments – Final

As of 4 p.m. today, Finance Manager Jo Ella Wagner was still working on the Special Services Budget amendments. Ordinarily, a memo as outlined below would be provided with the proposed amended budget. There was a set-back this morning with the computer system not allowing access to files and the accounting program called Sage. Ms. Wagner believes the amendments should be complete late today. Staff will forward the information as early on Monday as possible.

Background:

Enclosed is an amended FY 2019 budget.

Analysis:

1. **Total Revenues** increased/decreased by \$***.
2. **Total Administrative/Operations Expenditures without Capital Outlay** increased/decreased by \$*** of which \$*** is attributed to ***. Line items that warrant mention are as follows:
 - Payroll Costs increased/decreased by \$*** with the adjustment attributed to ***.
 - Supplies and Materials increased/decreased by \$***. This change is attributed to ***.
 - Professional Fees increased/decreased by \$*** due to ***.
 - Total Consumable Supplies/Materials is changed by/unchanged.
 - Recurring Operating Costs increased/decreased by \$*** which is as a result of ***.
 - Miscellaneous Expenses increased/decreased by \$****.
3. **Total Expenditures including Capital Outlay** increased/decreased by \$***.
4. **Capital Acquisition** increased/decreased by \$**** which is attributed to ***.
5. The **Net Ending Balance** is a positive balance of \$*** which could potentially increase by \$25,000 from the Major Repair line item if there are no such repairs in the remaining week of the fiscal year.

Staff Recommendation:

Approve the final FY 2019 Budget amendments.

Board Action:

Determine whether to approve the recommended amendments.

Summarization:

The ending balance can be examined from both revenues and expenses:

Revenues:
Expenses:

ATTACHMENT 4

Tax Year 2019 Tax Roll/Levy – Kleberg County

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: Kleberg County Tax Roll adoption – Resolution 19-57

Background:

Enclosed please find the Kleberg County Tax Roll for adoption provided by the Kleberg County Tax Assessor Office. The tax roll is generated when taxable values are multiplied by the Authority's Maintenance and Operations Tax Rate and Interest and Sinking Tax Rate. The taxable values are the amounts less any partial exemptions, full exemptions or special values such as agriculture production.

Analysis:

The Authority contracts for collection services with the tax offices of Kleberg and Nueces Counties. The summarized tax roll is the total of individual tax statements.

Staff Recommendation:

Adopt the South Texas Water Authority Tax Roll in Kleberg County by adopting Resolution 19-57.

Board Action:

Determine whether to adopt Resolution 19-57.

Summarization:

Staff considers this item an annual "housekeeping" item. Regardless, adoption of Resolution 19-57 is an essential step in the collection process.

**SUBMISSION OF THE 2019 TAX ROLL TO THE SOUTH TEXAS
WATER AUTHORITY PURSUANT TO SECTION 26.09(e) OF THE
TEXAS PROPERTY TAX CODE**

The 2019 Tax Roll for the South Texas Water Authority is hereby submitted for approval at the next regular scheduled meeting of the South Texas Water Authority Board of Directors. The 2019 Tax Roll is submitted for approval under Section 26.09(e) of the Texas Property Tax Code and was calculated in compliance with the same code by multiplying the values from the Certified Appraisal Roll plus/minus any changes in value approved by the Kleberg County Appraisal Review board by the tax rate adopted by this governing body for the 2019 tax year. Values and taxes are at a ratio of 100% of appraised value. The 2019 Tax Roll for the South Texas Water Authority is stored in the Kleberg County Tax Office in compliance with the State Records Retention guidelines. A copy of the tax roll for reference purposes and convenient availability is filed with the Kleberg County Clerk's Office.

I, Melissa T. De La Garza, PCC – Kleberg County Tax Assessor-Collector, hereby certify the figures from the 2019 Tax Roll as reflected on the attached summary page taken directly from the 2019 Tax Roll. I certify that the foregoing information, and the roll it represents is accurate and correct to the best of my knowledge. Certified and submitted this 24th day of September 2019.



**Melissa T. De La Garza, PCC
Kleberg County Tax Assessor-Collector**

Improvements:		Count	Amount		
Homesteadable		4,913	411,372,281--:	:	
New Homesteadable		209	4,235,100 :	:	
Non-Homesteadable		5,694	496,539,899 :	Impr. Total	
New Non-Homesteadable			0 :--	912,147,280--:	
Land:		Count	Amount		
Homesteadable		4,781	55,312,180--:	Land Total	
Non-Homesteadable		8,023	132,913,918--:--	188,226,098--:	
Acres	122,358.407	12,350			Total Market
					-- 1,562,209,463
Productivity:		Count	Amount		
Agricultural Market		1,285	189,979,164--:	Productivity Mkt	Total Accounts
Timber Market			0--:--	189,979,164--:	16,668
Agricultural Use Value		1,285	13,437,556 :		
Timber Use Value			0 :		
Exempt Agricultural Market			0 :		
Exempt Agricultural Value			0 :		
Other:		Count	Amount		
Minerals		1,579	6,385,955--:	Other	
Personal Property Market		1,530	265,470,966--:--	271,856,921--:	
Miscellaneous:		Count	Amount		
Homestead Market Value		4,879	467,865,451		
Homestead Cap Value		4,879	447,475,985		
Tax Increment Zone Market			0		
Tax Increment Zone Base			0		
Deductions:		Exemption	Count	Amount	
Constitutional Exempt				0-----:	
Productivity Loss			1,285	176,541,608-----:	
Homestead Cap Loss			1,637	20,389,466-----:	
Homestead		5,000	4,678	22,887,071--:	
Homestead Frozen				0 : Homestead Total :	
Homestead Local				0 :-- 22,887,071--:	
Homestead Local Frozen				0 :	
Homestead Local %				0 :	
Homestead Local % Frozen				0--:	Total Deductions
					-- 416,514,548
Over 65		12,000	1,921	22,514,967--:	
Over 65 Frozen				0 : Over 65 Total :	
Over 65 Local				0 :-- 22,514,967--:	
Over 65 Local Frozen				0--:	
Disabled Person		12,000		0--:	
Disabled Person Frozen				0 : Disabled Person :	
Disabled Person Local			184	2,093,595 :-- 2,093,595--:	
Disabled Person Lcl Frzn				0--:	
Disabled Veteran HS Full			120	12,288,845--:	
Disabled Veteran			339	3,507,786 : Disabled Veteran :	
Disabled Veteran Frozen				0--:-- 15,796,631--:	
Abatements				0--:	
Pollution Control			2	2,081,851 :	
Freeport			2	235,280 : Other Exemptions :	
HB366			313	32,312 :-- 156,291,210--:	
Prorated Exempt				0 :	
MASSS				0 :	
DVHSS-TFR				0 :	
DVDHS				0 :	
FRSS				0 :	
Other			548	153,941,767--:	
					Net Taxable
					<u>1,145,694,915</u>
Frozen Taxable Value Loss				0	
Frozen Limit (CAD Original)				.00	
Frozen Limit Adjusted (Transfers)				.00	
Frozen Tax Levy Used				.00	
Late Agricultural Penalty			19	112.79	Net Taxable
Late Correction Penalty				.00	Less Frozen
Late Rendition Penalty			424	976.38	1,145,694,915
Total Tax Levy		0.00086911		Actual Levy	Calculated Levy
				996,823.13	996,824.08

Calc sequence: DV Tot HS, Dis Vet, Ovr 65, Disabled, Hmstd, Hmstd Lcl, Ovr 65 Lcl, Disabled Lcl, Other.
Apply Ownership Interest to Hmstd, Over 65, Dis Person, Hmstd Lcl %, Hmstd Lcl, Hmstd Min, Dis v
Apply Disabled Veteran exemption to Non-Homestead then to Homestead values.

ATTACHMENT 5

Resolution 19-57

SOUTH TEXAS WATER AUTHORITY

Resolution 19-57

A RESOLUTION ADOPTING THE TAX ROLL/LEVY FOR THE SOUTH TEXAS WATER AUTHORITY'S DISTRICT IN KLEBERG COUNTY FOR TAX YEAR 2019.

WHEREAS, the South Texas Water Authority is a taxing jurisdiction within Kleberg and Nueces Counties, and

WHEREAS, the South Texas Water Authority has the power to collect ad valorem taxes to pay debt service for outstanding bonds, and

WHEREAS, the tax roll/levy of the South Texas Water Authority has been compiled by Kleberg County for the purpose of levying an established tax rate on said valuation.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the South Texas Water Authority adopts the 2019 tax roll/levy compiled by the Kleberg County Tax Assessor/Collector on behalf of the Authority.

Duly adopted this 24th day of September, 2019.

KATHLEEN LOWMAN, PRESIDENT

ATTEST:

RUDY GALVAN, SECRETARY/TREASURER

ATTACHMENT 6

Tax Year 2019 Tax Roll/Levy – Nueces County

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: Nueces County Tax Roll adoption – Resolution 19-58

Background:

Staff has contacted Mr. Kevin Kieschnick, Nueces County Tax Assessor-Collector, regarding the tax roll. As stated in the memo pertaining to the Kleberg County Tax Roll, the roll is generated when taxable values are multiplied by the Authority's Maintenance and Operations Tax Rate and Interest and Sinking Tax Rate. The taxable values are the amounts less any partial exemptions, full exemptions or special values such as agriculture production.

Analysis:

The Authority contracts for collection services with the tax offices of Kleberg and Nueces Counties. The summarized tax roll is the total of individual tax statements.

Staff Recommendation:

Provided the roll is available as expected by the Board Meeting, adopt the South Texas Water Authority Tax Roll in Nueces County by adopting Resolution 19-58. If the roll is unavailable, the item will be placed on the next meeting agenda.

Board Action:

Determine whether to adopt Resolution 19-58.

Summarization:

Staff considers this item an annual "housekeeping" item. Regardless, adoption of Resolution 19-58 is an essential step in the collection process.

mcserrato@stwa.org

From: Kevin Kieschnick <kevin.kieschnick@nuecesco.com>
Sent: Tuesday, September 17, 2019 9:04 AM
To: Joella Wagner; Rafael Benavidez
Cc: mcserrato@stwa.org
Subject: RE: 2019 Tax Roll

I love how your team is always on top of things!!! We can get you a certification letter by Tuesday. Ralph will get that to you.

Thank you,



Kevin Kieschnick
Nueces County Tax Assessor-Collector
901 Leopard St., Suite 301
Corpus Christi, TX 78401
361-888-0230

From: Joella Wagner <jwagner@stwa.org>
Sent: Tuesday, September 17, 2019 8:52 AM
To: Kevin Kieschnick <kevin.kieschnick@nuecesco.com>
Cc: mcserrato@stwa.org
Subject: 2019 Tax Roll

Good morning Kevin,

The South Texas Water Authority is meeting on September 24, 2019 and a Resolution to adopt the Tax Roll is on the agenda. I am wanting to make you aware of our meeting and inquire whether the tax roll will be ready for the meeting.

Please let me know.

Thanks,
Jo Ella Wagner
STWA Finance Manager

ATTACHMENT 7

Resolution 19-58

SOUTH TEXAS WATER AUTHORITY

Resolution 19-58

A RESOLUTION ADOPTING THE TAX ROLL/LEVY FOR THE SOUTH TEXAS WATER AUTHORITY'S DISTRICT IN NUECES COUNTY FOR TAX YEAR 2019.

WHEREAS, the South Texas Water Authority is a taxing jurisdiction within Kleberg and Nueces Counties, and

WHEREAS, the South Texas Water Authority has the power to collect ad valorem taxes to pay debt service for outstanding bonds, and

WHEREAS, the tax roll/levy of the South Texas Water Authority has been compiled by Nueces County for the purpose of levying an established tax rate on said valuation.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the South Texas Water Authority adopts the 2019 tax roll/levy compiled by the Nueces County Tax Assessor/Collector on behalf of the Authority.

Duly adopted this 24th day of September, 2019.

KATHLEEN LOWMAN, PRESIDENT

ATTEST:

RUDY GALVAN, SECRETARY/TREASURER

ATTACHMENT 8
STWA Investment Policies

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: Investment Policies – Resolutions 19-59, 19-60, and 19-61

Background:

In accordance with State Legislation, each year the Board re-adopts the Authority's investment policies.

Analysis:

The three (3) policies are nearly identical. To staff's knowledge, there have not been any legislative changes that would require any amendments to the Authority's investment policies. As the Board is aware, STWA has historically been conservative in its investments by utilizing pools which are also utilized by numerous local governments. For example, enclosed is TexPool's September newsletter providing information on the investment fund and its participants. "Utility District" is actually the largest participant sector with 824 districts investing with TexPool out of a total of 2,578 participants. The other pool that STWA utilizes is TexStar. Enclosed is webpage information on that pool.

Staff Recommendation:

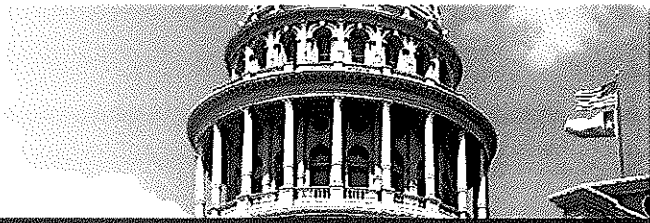
Adopt Resolutions 19-59, 19-60, and 19-61.

Board Action:

Determine whether to adopt Resolutions 19-59, 19-60, and 19-61.

Summarization:

Staff believes that the existing policies provide sufficient protection as well as flexibility to safeguard the Authority's funds.



Monthly Newsletter: September 2019

ANNOUNCEMENTS

We welcome the following entities who joined TexPool in August 2019:

TexPool

Harrisburg Redevelopment Authority/IRRZ 23
 Uvalde County Hospital Authority
 Orange County ESD 2
 Loving County District Clerk
 Lower Brushy Creek WCID

TexPool Prime

Rockwall County
 City of Richwood

Upcoming Events

Sep 04, 2019 - Sep 06, 2019,
 Fairmont Hotel Austin, Austin
 TAC Legislative Conference

Sep 09, 2019 - Sep 12, 2019,
 Tyler

71st Annual CTAT (County Treasurers
 Assoc of TX) Conference

Sep 20, 2019 - Sep 22, 2019, Kay Bailey
 Hutchison Convention Center, Dallas
 TASA/TASB Annual Conference

TexPool Advisory Board Members

David Garcia Jerry Dale
 Patrick Krishock David Landeros
 Belinda Weaver Sharon Matthews
 Deborah Laudermilk Vivian Wood

Overseen by the State of Texas Comptroller
 of Public Accounts Glenn Hegar.

Operated under the supervision of the
 Texas Treasury Safekeeping Trust Company

Economic and Market Commentary: An intriguing development at the Fed

September 1, 2019

Is dissent forming in the Federal Reserve? The markets are convinced policymakers will cut rates at the September Federal Reserve Open Market Committee (FOMC) meeting, but they'd be wise to re-read the bottom of the July meeting's statement that said, "Voting against the action were Esther L. George and Eric S. Rosengren, who preferred at this meeting to maintain the target range for the federal funds rate at 2-1/4 to 2-1/2 percent."

This could get interesting. Especially so as the dissenters are regional Fed presidents, not governors. A lot of regional presidents, especially those whose economies are doing OK, seem to be saying they don't see a need to lower rates. Growth in their regions may be slower, but still positive and that's not a sign of weakness. And as a whole, the U.S. economy is holding up. Consumer, housing and employment data are humming.

The contrasting view—articulated better by Fed Chair Jerome Powell in his Jackson Hole, Wyo., speech than his press conference after the July FOMC meeting—is that the Fed must take into account the potential damage from external shocks. Fulfilling its mandate can't be done by pushing buttons and pulling levers without paying attention to the greater world. Much of it was heading toward economic downturn even before the intensification of the trade war.

(continued page 6)

Performance as of August 31, 2019

	TexPool	TexPool Prime
Current Invested Balance	\$20,484,500,345.68	\$6,104,059,735.78
Weighted Average Maturity**	38	31
Weighted Average Life**	113	60
Net Asset Value	1.00011	1.00015
Total Number of Participants	2578	400
Management Fee on Invested Balance	0.0450%	0.0550%
Interest Distributed	\$38,652,489.16	\$11,954,087.81
Management Fee Collected	\$764,932.46	\$247,320.69
Standard & Poor's Current Rating	AAAm	AAAm
Month Averages		
Average Invested Balance	\$21,096,024,727.45	\$6,014,155,884.52
Average Monthly Rate*	2.17%	2.35%
Average Weighted Average Maturity**	36	30
Average Weighted Average Life**	111	62

*This average monthly rate for TexPool Prime for each date may reflect a waiver of some portion or all of each of the management fees.

**See page 2 for definitions.

Past performance is no guarantee of future results.

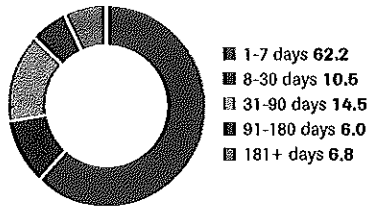
Phone: 1-866-TEXPOOL (839-7665) • Fax: 1-866-839-3291 • TexPool.com
 G35884-24 (9/19)

Managed and
 Serviced by **Federated**



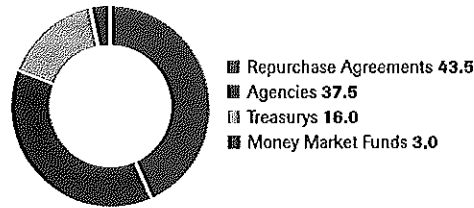
Portfolio by Maturity (%)

As of August 31, 2019



Portfolio by Type of Investment (%)

As of August 31, 2019



Portfolio Asset Summary as of August 31, 2019

	Book Value	Market Value
Uninvested Balance	-\$1,283,767.07	-\$1,283,767.07
Receivable for Investments Sold	0.00	0.00
Accrual of Interest Income	25,032,198.72	25,032,198.72
Interest and Management Fees Payable	-38,652,520.23	-38,652,520.23
Payable for Investments Purchased	-75,000,000.00	-75,000,000.00
Accrued Expenses & Taxes	-48,048.58	-48,048.58
Repurchase Agreements	8,946,783,000.00	8,946,783,000.00
Mutual Fund Investments	618,074,000.00	618,074,000.00
Government Securities	7,708,204,205.70	7,709,468,432.06
U.S. Treasury Inflation Protected Securities	995,035,594.83	994,141,934.11
US Treasury Bills	1,146,629,733.49	1,147,401,022.02
US Treasury Notes	1,159,725,948.82	1,160,843,706.62
Total	\$20,484,500,345.68	\$20,486,759,957.66

Market value of collateral supporting the Repurchase Agreements is at least 102% of the Book Value. The portfolio is managed by Federated Investment Counseling and the assets are safe kept in a separate custodial account at State Street Bank in the name of TexPool. The only source of payment to the Participants is the assets of TexPool. There is no secondary source of payment for the pool such as insurance or State guarantee. Should you require a copy of the portfolio, please contact TexPool Participant Services.

Participant Summary

	Number of Participants	Balance
School District	595	\$6,304,165,178.57
Higher Education	59	\$897,240,738.14
Healthcare	85	\$917,466,205.05
Utility District	824	\$2,813,178,839.05
City	471	\$5,234,901,212.47
County	187	\$2,084,491,271.83
Other	357	\$2,233,803,760.57

**Definition of Weighted Average Maturity and Weighted Average Life

WAM is the mean average of the periods of time remaining until the securities held in TexPool (a) are scheduled to be repaid, (b) would be repaid upon a demand by TexPool, or (c) are scheduled to have their interest rate readjusted to reflect current market rates. Securities with adjustable rates payable upon demand are treated as maturing on the earlier of the two dates set forth in (b) and (c) if their scheduled maturity is 397 days or less; and the later of the two dates set forth in (b) and (c) if their scheduled maturity is more than 397 days. The mean is weighted based on the percentage of the unamortized cost of the portfolio invested in each period.

WAL is calculated in the same manner as WAM, but is based solely on the periods of time remaining until the securities held in TexPool (a) are scheduled to be repaid or (b) would be repaid upon a demand by TexPool, without reference to when interest rates of securities within TexPool are scheduled to be readjusted.



Daily Summary

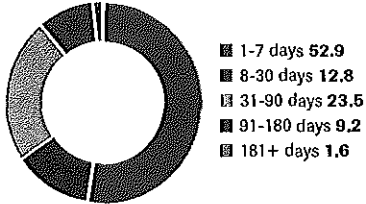
Date	Money Mkt. Fund Equiv. (SEC-S(0))	Dividend Factor	TexPool Invested Balance	NAV	WAM Days	WAL Days
8/1	2.2691%	0.000062166	\$21,309,993,340.29	1.00008	35	111
8/2	2.2306%	0.000061111	\$21,404,568,273.47	1.00009	35	111
8/3	2.2306%	0.000061111	\$21,404,568,273.47	1.00009	35	111
8/4	2.2306%	0.000061111	\$21,404,568,273.47	1.00009	35	111
8/5	2.2037%	0.000060376	\$21,260,087,646.11	1.00013	33	109
8/6	2.1799%	0.000059724	\$21,383,910,344.53	1.00012	34	108
8/7	2.1654%	0.000059325	\$21,367,128,635.67	1.00013	34	109
8/8	2.1570%	0.000059096	\$21,331,311,711.17	1.00014	34	109
8/9	2.1685%	0.000059411	\$21,364,048,609.67	1.00013	35	109
8/10	2.1685%	0.000059411	\$21,364,048,609.67	1.00013	35	109
8/11	2.1685%	0.000059411	\$21,364,048,609.67	1.00013	35	109
8/12	2.1718%	0.000059500	\$21,183,807,284.20	1.00013	35	110
8/13	2.1860%	0.000059890	\$21,308,242,768.25	1.00011	36	110
8/14	2.1843%	0.000059843	\$21,080,093,556.30	1.00013	36	112
8/15	2.1932%	0.000060087	\$21,133,119,284.27	1.00016	37	112
8/16	2.1773%	0.000059652	\$21,047,893,636.55	1.00015	38	114
8/17	2.1773%	0.000059652	\$21,047,893,636.55	1.00015	38	114
8/18	2.1773%	0.000059652	\$21,047,893,636.55	1.00015	38	114
8/19	2.1523%	0.000058968	\$21,003,599,364.73	1.00013	37	112
8/20	2.1587%	0.000059143	\$20,897,443,563.66	1.00013	37	113
8/21	2.1366%	0.000058538	\$20,919,746,944.70	1.00012	37	112
8/22	2.1297%	0.000058347	\$20,814,728,024.88	1.00012	36	112
8/23	2.1281%	0.000058303	\$21,102,344,407.49	1.00012	37	111
8/24	2.1281%	0.000058303	\$21,102,344,407.49	1.00012	37	111
8/25	2.1281%	0.000058303	\$21,102,344,407.49	1.00012	37	111
8/26	2.1342%	0.000058472	\$20,944,294,147.98	1.00010	35	110
8/27	2.1574%	0.000059107	\$20,820,139,630.22	1.00010	36	110
8/28	2.1610%	0.000058931	\$20,736,242,048.81	1.00010	36	111
8/29	2.1466%	0.000058811	\$20,757,312,782.28	1.00010	35	109
8/30	2.1624%	0.000059244	\$20,484,500,345.68	1.00011	38	113
8/31	2.1624%	0.000059244	\$20,484,500,345.68	1.00011	38	113
Average:	2.1715%	0.000059492	\$21,096,024,727.45	1.00012	36	111



TEXPOOL PRIME

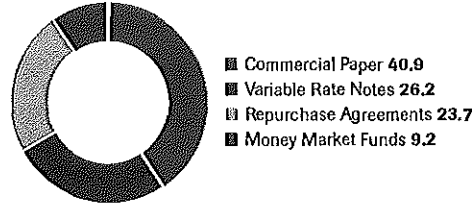
Portfolio by Maturity (%)

As of August 31, 2019



Portfolio by Type of Investment (%)

As of August 31, 2019



Portfolio Asset Summary as of August 31, 2019

	Book Value	Market Value
Uninvested Balance	-\$81.44	-\$81.44
Receivable for Investments Sold	0.00	0.00
Accrual of Interest Income	4,911,204.05	4,911,204.05
Interest and Management Fees Payable	-11,954,085.23	-11,954,085.23
Payable for Investments Purchased	-98,608,750.00	-98,608,750.00
Accrued Expenses & Taxes	-16,232.51	-16,232.51
Repurchase Agreements	1,471,217,000.00	1,471,217,000.00
Commercial Paper	2,539,383,589.35	2,540,238,360.00
Bank Instruments	0.00	0.00
Mutual Fund Investments	572,126,953.71	572,052,003.75
Government Securities	0.00	0.00
Variable Rate Notes	1,627,000,137.85	1,627,131,730.00
Total	\$6,104,059,735.78	\$6,104,971,148.62

Market value of collateral supporting the Repurchase Agreements is at least 102% of the Book Value. The portfolio is managed by Federated Investment Counseling and the assets are safe kept in a separate custodial account at State Street Bank in the name of TexPool Prime. The assets of TexPool Prime are the only source of payments to the Participants. There is no secondary source of payment for the pool such as insurance or State guarantee. Should you require a copy of the portfolio, please contact TexPool Participant Services.

Participant Summary

	Number of Participants	Balance
School District	124	\$2,111,061,530.49
Higher Education	19	\$622,612,115.44
Healthcare	16	\$261,345,472.34
Utility District	46	\$361,243,324.10
City	78	\$1,402,776,341.56
County	41	\$480,911,753.27
Other	76	\$864,086,092.72



TexPool PRIME

Daily Summary

Date	Money Mkt. Fund Equiv. (SEC Std)	Dividend Factor	TexPool/Prime Invested Balance	NAV	WAM Days	WAL Days
8/1	2.4114%	0.000066066	\$6,200,063,626.04	1.00023	32	66
8/2	2.3859%	0.000065367	\$6,190,022,646.77	1.00017	32	67
8/3	2.3859%	0.000065367	\$6,190,022,646.77	1.00017	32	67
8/4	2.3859%	0.000065367	\$6,190,022,646.77	1.00017	32	67
8/5	2.3505%	0.000064397	\$6,203,015,294.58	1.00022	31	64
8/6	2.3461%	0.000064276	\$6,236,942,624.65	1.00022	31	63
8/7	2.3516%	0.000064427	\$6,172,410,528.28	1.00023	31	63
8/8	2.3452%	0.000064252	\$6,133,081,470.53	1.00023	30	63
8/9	2.3515%	0.000064426	\$6,135,233,406.31	1.00017	31	63
8/10	2.3515%	0.000064426	\$6,135,233,406.31	1.00017	31	63
8/11	2.3515%	0.000064426	\$6,135,233,406.31	1.00017	31	63
8/12	2.3434%	0.000064202	\$6,116,726,617.31	1.00023	29	61
8/13	2.3507%	0.000064404	\$6,036,290,211.07	1.00023	30	61
8/14	2.3534%	0.000064476	\$5,920,063,923.60	1.00024	30	62
8/15	2.3504%	0.000064394	\$6,107,590,889.24	1.00023	29	59
8/16	2.3427%	0.000064183	\$5,940,657,963.50	1.00019	32	63
8/17	2.3427%	0.000064183	\$5,940,657,963.50	1.00019	32	63
8/18	2.3427%	0.000064183	\$5,940,657,963.50	1.00019	32	63
8/19	2.3336%	0.000063934	\$5,913,930,057.45	1.00025	29	61
8/20	2.3433%	0.000064201	\$5,824,569,060.79	1.00024	30	61
8/21	2.3389%	0.000064079	\$5,765,598,351.94	1.00024	29	61
8/22	2.3320%	0.000063891	\$5,780,649,076.58	1.00025	28	60
8/23	2.3279%	0.000063778	\$5,794,866,709.86	1.00018	29	60
8/24	2.3279%	0.000063778	\$5,794,866,709.86	1.00018	29	60
8/25	2.3279%	0.000063778	\$5,794,866,709.86	1.00018	29	60
8/26	2.3309%	0.000063859	\$5,856,613,604.88	1.00022	26	57
8/27	2.3417%	0.000064155	\$5,850,322,833.15	1.00022	26	57
8/28	2.3355%	0.000063985	\$5,826,980,662.02	1.00022	29	60
8/29	2.3175%	0.000063494	\$6,103,521,937.02	1.00020	27	56
8/30	2.3283%	0.000063789	\$6,104,059,735.78	1.00015	31	60
8/31	2.3283%	0.000063789	\$6,104,059,735.78	1.00015	31	60
Average:	2.3470%	0.000064301	\$6,014,155,884.52	1.00020	30	62



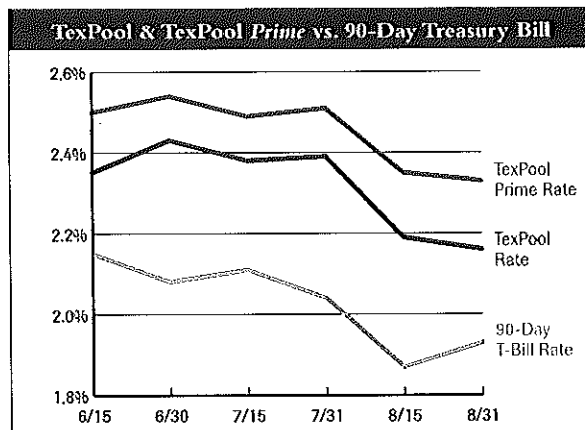
Participant Services
1001 Texas Ave, Suite 1150
Houston, TX 77002

An example is manufacturing. While hanging in there, production and confidence dipped in July on the spate of global uncertainties. And it is not just China. Germany, France, Italy and, of course, Britain, are going through rough spots that look to get rougher. Not to be forgotten is that many global central banks are easing and the dollar is strong. In the end, we can't do much more than watch the debate unfold, but keep in mind that, with two open seats on the board of governors, the regional presidents have an even weighting, five to five. Things indeed could get interesting.

In the meantime, cash managers—really everybody—can only deal with what is in front of them. The global rush to the haven of Treasuries caused the curve to fluctuate (although the U.S. Treasury's massive issuance of bills and notes kept it within a reasonable range).

But with the Treasury and Libor yield curves fluctuating in August, we had to be very selective in our purchases. On any given day, the best offerings were vastly different than the day before. Some days, the 3-month area looked attractive; other days, 6-month paper stood out. Floaters continued to be a crucial part of our book of business, with spreads widening out, if only slightly.

The Treasury curve ended August with 1-month at 2.07%, 3-month at 1.98%, 6-month at 1.88% and 12-month at 1.75%. Libor ended August with 1-month at 2.14%, 3-month at 2.14%, 6-month at 2.08% and 12-month at 2.03%.



90-Day Treasury Bill is a short-term debt instrument backed by the national government. These are used to collect immediate cash to meet outstanding obligations.

Any private investor can invest in a Treasury bill. The 90-Day Treasury Bill is a weighted average rate of the weekly auctions of 90-Day Treasury Bills.

Past performance is no guarantee of future results.



Program Information

TexSTAR is an investment service created by Local Governments For Local Governments

Transferring funds for investment and achieving solid fiscal responsibility are critical challenges for local governments. TexSTAR offers Texas cities, counties, school districts and other municipalities an investment option that provides security, liquidity and efficiency. This simplicity and convenience, together with an understanding of the unique requirements of our clients, distinguishes TexSTAR as the premier investment service for Texas local governments.

TexSTAR has been tailored to provide investment solutions to any local government investment plan, whether as a liquidity component, for a more comprehensive investment strategy or as a method to diversify an investment program primarily based on traditional banking services.

TexSTAR Administrators have a proven track record

TexSTAR is administered by HilltopSecurities and J.P. Investment Management Inc. Together, these organizations bring to the TexSTAR program the powerful partnership of two leaders in financial services with a proven and noted track record in local government investment pool management.

HilltopSecurities is the leading financial advisor to Texas local governments and one of the top ranked advisory firms in the nation. For over 60 years, HilltopSecurities has assisted clients in managing the continual change of the financial landscape by providing unique investment banking services in the areas of public, private and corporate banking. As a result of this experience, HilltopSecurities has gained a thorough understanding of the needs of Texas local governments which fosters comfort and confidence in the oversight of their most precious financial assets.

HilltopSecurities has earned a position in the forefront of the financial service industry by providing specialized solutions for state and local governments in the areas of investment management and reporting, arbitrage rebate compliance and local government investment pool administration.

J.P. Morgan Asset Management is an asset management subsidiary of JPMorgan Chase & Co., a leading global financial services company and is one of the largest asset managers worldwide.

TexSTAR participants have access to Texas-based personalized customer service

TexSTAR participants have the option of dialing 1-800-TEX-STAR and speaking directly with personnel in Texas familiar with their account and their specific needs.

The Participant Services desk is composed of individuals with extensive experience in servicing State and local government entities. These individuals provide personalized service and assistance with detailed information about the TexSTAR program as well as other related investment subjects.

TexSTAR provides local governments with the flexibility to meet their investment needs.

TexSTAR participants have daily access to their funds with no penalties. Interest is accrued daily and paid monthly. There is no minimum balance required and no limit on the number of individual accounts. TexSTAR offers local governments the technology to carry out their duties with the greatest level of efficiency.

Participants can initiate wire transactions until 4:00 p.m. Central Time for same day settlement and ACH transactions until 4:00 p.m. Central Time for next date settlement. In addition, transactions can be preloaded for settlement using the TexSTAR internet systems up to 10 business days in advance 24 hours a day.

Participants have the option of accessing TexSTAR by the following methods:

- Internet Transaction System
- Participant Services Representatives

Each of these transaction systems provide the ability to transfer funds quickly, access current balance(s) and prior month interest information and retrieve special program announcements. Our leading edge computer-based product allow participants to print customized reports with the simple touch of a button. All TexSTAR systems provide a quick and reliable method for transacting business with the program.

TexSTAR is conservatively managed in full compliance with the Texas Public Funds Investment Act

TexSTAR is a local government investment pool created under the Interlocal Cooperation Act specifically tailored to meet Texas state and local government investment objectives of preservation of principal, daily liquidity and competitive yield. The fund is rated AAAM by Standard and Poor's and maintains a maturity of 60 days or less, with a maximum maturity of 13 months for any individual security. The fund seeks to maintain a constant dollar objective and fulfills all requirements of the Texas PFIA for local government investment pools.

TexSTAR offers a wide variety of specialized products and services

TexSTAR does not merely provide an investment option – it provides an investment service. TexSTAR personnel fully understand that, in addition to basic investment services, State and local governments have the need for many other investment-related services. TexSTAR, through HilltopSecurities and JP Morgan, utilizes its extensive array of resources to offer a full compliment of specialized products and services complementing the fundamental investment pool product and adding unique value to the program for the ultimate benefit of the participants.

These features include:

- Direct Deposit Services
- Debt Service Payments Directly to Paying Agent
- TNRCC Escrow & Trustee Services
- TEA Payments & Attendance Credit Transfers
- Investment Policy Services
- Bond Proceeds Management
- Arbitrage Rebate Services

TexSTAR Participant Services * HilltopSecurities

1201 Elm Street, Suite 3500 * Dallas, Texas 75270 * www.texstar.org * 1-800-TEX-STAR * 214-953-8890 * FAX 214-953-8878

South Texas Water Authority
Investment Policy
General Fund

1. Purpose

To establish a policy relating to Authority investments that ensures that all purchases and sales of investments are initiated by authorized individuals, conforms to investment objectives and regulations, and are properly documented and approved; and ensures an annual review of investment performance and security. It is the policy of the South Texas Water Authority to invest public funds in a manner which will provide the highest possible return within the guidelines of approved investment policy and fund strategy while meeting the daily cash flow demands and conforming to all state and local statutes governing the investment of public funds.

2. Scope

All financial assets of the General Fund including Capital Project Funds and other funds that may be created from time to time shall be administered in accordance with the provisions of these policies. These policies do not apply to the Debt Service Funds, including Interest and Sinking, Reserve, and Depreciation/Reserve Funds which are governed by Bond Covenants and supported by a separate South Texas Water Authority Investment Policy.

3. Objectives

The following investment objectives will be applied in the management of the funds by the Investment Officer(s) appointed by resolution of the South Texas Water Authority Board of Directors.

The investments purchased shall suit the needs of the Authority according to the following prioritized objectives:

A. The primary objective is the preservation and protection of investment principal. *Safety* of principal is the foremost objective of the investment program. Investments of the Authority shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, *diversification* is required in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio. The Authority will diversify its investments by security type and institution. With the exception of U.S. Treasury securities and authorized pools, no more than 50% of the Authority's total investment portfolio will be invested in a single security type or with a single financial institution.

B. The Authority will retain sufficient liquidity in order to enable the Authority to meet reasonable anticipated day-to-day operating requirements.

STWA Investment Policy - General Fund

Page 2

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

C. The Authority's investment portfolio shall be designed with the objective of attaining a rate of return throughout budgetary and economic cycles, commensurate with the Authority's investment risk restraints and the cash flow characteristics of the portfolio.

4. Delegation of Authority, Prudence, Standard of Care, Ethical Standards, and Conflicts of Interest

The designated Investment Officer(s) will perform their duties with judgement and care in accordance with the adopted investment policy and internal procedures. Investment Officer(s) acting in good faith and in accordance with these policies and procedures will be relieved of personal liability. In determining whether an Investment Officer(s) has exercised prudence with respect to an investment decision (in addition to compliance with policies and procedures) the determination will be made taking into consideration the investment of all funds, or funds under the entity's control, over which the officer had responsibility rather than a single investment.

The authority to manage South Texas Water Authority's investment program is derived from Resolution 95-17. Management responsibility for the investment program is hereby delegated to the Investment Officer(s), who shall establish written procedures for the operation of the investment program consistent with this investment policy. Procedures should include reference to : safekeeping, PSA repurchase agreements, wire transfer agreements, banking service contracts and collateral/depository agreements. Such procedures shall include explicit delegation of authority to persons responsible for investment transactions. No person may engage in an investment transaction except as provided under the terms of this policy and the procedures established by the Investment Officer(s). The Investment Officer(s) shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials.

The Authority's portfolio shall be designed and managed in a manner responsive to the public trust. The standard to be used by the personnel shall be the prudent person rule and shall be applied in context of managing an overall portfolio. The prudent person rule is restated as follows:

Investments shall be made with judgment and care—under circumstances then prevailing—which persons of prudence, discretion, and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived.

Officers and employees shall refrain from personal business activity that could conflict with proper execution of the investment program, or which could impair his/her ability to make impartial investment decisions. Officers and employees shall file a statement with

the Board President disclosing any material financial interests in financial institutions that conduct business within this jurisdiction, and they shall further disclose any large personal financial/investment positions that could be related to the performance of the South Texas Water Authority, particularly with regard to the time of purchases and sales. Material financial interest is defined as: a.) the Investment Officer(s) owns 10 percent or more of the voting stock or shares of the financial institution or owns \$5,000 or more of the fair market value of the financial institution; b.) funds received by the Investment Officer(s) from the financial institution exceed 10 percent of the Investment Officer(s)'s gross income for the previous year; or c.) Investment Officer(s) has acquired from the financial institution during the previous year investments with a book value of \$2,500 or more for the personal account of the Investment Officer(s). The Investment Officer(s) shall further disclose any large personal financial/investment positions that could be related to the performance of the Authority's portfolio. An Investment Officer(s) who is related within the second degree by affinity or consanguinity, as defined in the Public Funds Investment Act, Chapter 2256, Texas Government Code, Subchapter A, Section 2256.005(i), to an individual seeking to sell an investment to the Authority shall file a statement disclosing that relationship. All statements shall be filed with the Texas Ethics Commission and the Authority.

5. Authorized Investments

South Texas Water Authority is empowered by statute to invest in the following types of securities:

A. Obligations of, or guaranteed by, Government Entities including the following:

- (1) obligations of the United States or its agencies and instrumentalities excluding any mortgage backed related security;
- (2) direct obligations of the State of Texas or its agencies and instrumentalities;
- (3) other obligations, the principal and interest of which are unconditionally guaranteed or insured by, or backed by the full faith and credit of, the State of Texas or the United States or their respective agencies and instrumentalities excluding any mortgage backed related security; and
- (4) obligations of states, agencies, counties, cities, and other political subdivisions of any state rated as to investment quality by a nationally recognized investment rating firm not less than AA or its equivalent. Total municipal exposure shall be limited to no more than 10% of portfolio value in any one single entity, and shall be limited to a maximum maturity of one year.

STWA Investment Policy - General Fund

Page 4

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

The following are not authorized investments under this Section: (a) obligations whose payment represents the coupon payments on the outstanding principal balance of the underlying mortgage-backed security collateral and pays no principal (interest-only strips of obligations with underlying mortgage-backed security collateral), (b) obligations whose payment represents the principal stream of cash flow from the underlying mortgage-backed security collateral and bears no interest (principal-only strips of obligations with underlying mortgage-backed security collateral), (c) collateralized mortgage obligations that have a stated final maturity date of greater than 10 years, and (d) collateralized mortgage obligations the interest rate of which is determined by an index that adjusts opposite to the changes in a market index (collateralized mortgage obligations with an inverse floating interest rate);

B. Funds may be invested in *Investment Pools* by the Authority under the following guidelines:

(1) By resolution of the Board of Directors authorizing investment in a particular pool;

(2) the investment pool shall invest the Authority's funds in authorized investments according to the remainder of Section 5 of this Policy. An investment pool must furnish to the Investment Officer(s) or other authorized representative of the entity an offering circular or other similar disclosure instrument that contains, at a minimum the following information:

- a. the types of investments in which money is allowed to be invested;
- b. the maximum average dollar-weighted maturity allowed, based on the stated maturity date, of the pool;
- c. the maximum stated maturity date any investment security within the portfolio has;
- d. the objectives of the pool;
- e. the size of the pool;
- f. the names of the members of the advisory board of the pool and the dates their terms expire;
- g. the custodian bank that will safekeep the pool's assets;
- h. whether the intent of the pool is to maintain a net asset value of one dollar and the risk of market price fluctuation;

STWA Investment Policy - General Fund

Page 5

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

- i. whether the only source of payment is the assets of the pool at market value or whether there is a secondary source of payment, such as insurance or guarantees, and a description of the secondary source of payment;
- j. the name and address of the independent auditor of the pool;
- k. the requirements to be satisfied for an entity to deposit funds in and withdraw funds from the pool and any deadlines or other operating policies required for the entity to invest funds in and withdraw funds from the pool; and
- l. the performance history of the pool, including yield, average dollar-weighted maturities, and expense ratios.

(3) In order to maintain eligibility to receive and invest funds on behalf of the Authority and in accordance with Chapter 2256, Public Funds Investment Act, an investment pool must furnish to the Investment Officer(s) or other authorized representative of the Authority the following:

- a. investment transaction confirmations; and
- b. a monthly report that contains, at a minimum, the following information:
 - (i) the types and percentage breakdown of securities in which the pool is invested;
 - (ii) the current average dollar-weighted maturity, based on the stated maturity date, of the pool;
 - (iii) the current percentage of the pool's portfolio in investments that have stated maturities of more than one year;
 - (iv) the book value versus the market value of the pool's portfolio, using amortized cost valuation;
 - (v) the size of the pool;
 - (vi) the number of participants in the pool;
 - (vii) the custodian bank that is safekeeping the assets of the pool;
 - (viii) a listing of daily transaction activity of the Authority;

STWA Investment Policy - General Fund

Page 6

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

(ix) the yield and expense ratio of the pool;

(x) the portfolio managers of the pool; and

(xi) any changes or addenda to the offering circular.

(4) The Authority by contract may delegate to an investment pool the authority to hold legal title as custodian of investments purchased with its local funds.

(5) For purposes of this Section 5, yield shall be calculated in accordance with regulations governing the registration of open-end management investment companies under the Investment Company Act of 1940, as promulgated from time to time by the Federal Securities and Exchange Commission.

A public funds investment pool created to function as a money market mutual fund must mark its portfolio to market daily and, to the extent reasonably possible, stabilize at a \$1 net asset value. If the ratio of the market value of the portfolio divided by the book value of the portfolio is less than 0.995 or greater than 1.005, portfolio holdings shall be sold as necessary to maintain the ratio between 0.995 and 1.005.

A public funds investment pool must be continuously rated no lower than AAA or AAA-m or at an equivalent rating by at least one nationally recognized rating service.

Authorized investment pools must state a written objective of maintenance of a stable \$1 net asset value and must be limited to a dollar-weighted average maturity of 60 days or less.

C. Insured or fully collateralized *certificates of deposit* of banks and savings and loan associations domiciled in the State of Texas, and which:

(1) mature within two years;

(2) are guaranteed or insured by the Federal Deposit Insurance Corporation or its successor or the National Credit Union Share Insurance Fund or its successor;

(3) secured by obligations of, or guaranteed by governmental entities, including mortgage backed securities directly issued by a federal agency or instrumentality that have a market value of not less than the principal amount of the certificates but which exclude: (a) those mortgage backed securities which are interest-only strips of obligations with underlying mortgage-backed security collateral, (b) principal-only strips of obligations with underlying mortgage-backed security collateral, (c) collateralized mortgage

STWA Investment Policy - General Fund

Page 7

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

obligations with a maturity date of greater than 10 years, and (d) collateralized mortgage obligations with an inverse floating interest rate; and

(4) if covered under a written depository agreement ensures a perfected security interest in the collateral.

D. *Repurchase agreements* which:

(1) have a defined termination date;

(2) are secured by obligations of the United States or its agencies and instrumentalities as described in Section 5 with the same exclusions;

(3) collateral is pledged to the Authority, held in the Authority's name, and deposited at the time the investment is made with the Authority or with a third party selected and approved by the Authority;

(4) and is placed through a primary government securities dealer, as defined by the Federal Reserve.

The term repurchase agreement means a simultaneous agreement to buy, hold, for a specified time, and sell back at a future date obligations described at said obligations at a market value at the time the funds are distributed *of not less than the principal amount of the funds disbursed*. The term includes direct security repurchase agreements. A repurchase agreement must be collateralized at a minimum of 102% of the principal value plus accrued interest at all times. Reverse repurchase agreements are not authorized investments.

E. *Regulated No-load Money Market Mutual Fund* which:

(1) is regulated by the Securities and Exchange Commission;

(2) has a dollar-weighted average stated maturity of 90 days or fewer; and

(3) includes in its investment objectives the maintenance of a stable net asset value of \$1 for each share.

The Investment Officer(s) will not invest in the aggregate more than 50% of the Authority's monthly average fund balance, excluding bond proceeds and reserves and other funds held for debt service, in regulated money market mutual funds either separately or collectively or invest Authority funds in any mutual fund in an amount that exceeds 5% of the total assets of the mutual fund.

STWA Investment Policy - General Fund

Page 8

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

- F. Any other *investments* as *authorized* by the *Texas Legislature*.

Funds may be invested in longer maturities, prime banker's acceptances, secured commercial paper, and guaranteed investment contracts only upon adoption of a motion of authorization by a majority of Directors at a regular meeting or public meeting of the Board and in accordance with Section 2256.012, Section 2256.013 and Section 2256.015 of the Public Funds Investment Act or if purchased as an authorized investment through an authorized investment pool (see Section 5, Part B Investment Pools).

6. Safekeeping and Depositories

A. The laws of the State of Texas and prudent management require that all purchased securities shall be held in safekeeping by either a third party financial institution or a safekeeping account in a designated depository bank. All security transactions, including collateral for repurchase agreements, entered into by the Authority shall be conducted on a delivery-versus-payment (DVP) basis. Securities will be held by a third party custodian designated by the Investment Officer(s) and evidenced by safekeeping receipts.

B. The general law authorizes the Authority to receive applications (as depository) for the custody of funds from any banking corporation, association or individual banker doing business within the area. The Authority will solicit a minimum of three depository bids and designate one bank as its primary depository. This centralization is designed to maximize investment capabilities and minimize banking costs. In selecting depositories, the reputation and financial standing of institutions shall be considered.

7. Risk and Rate of Return/Performance Standards

The longer the maturity of bonds, the greater their price volatility. It is therefore the Authority's policy to concentrate its investment portfolio in shorter-term securities in order to limit principal risk caused by changes in interest rates.

To the extent possible, the Authority will attempt to match its investments with anticipated cash flow requirements. Unless matched to a specific cash flow requirement, the Authority will not directly invest in securities maturing in more than two years.

The basis to be used by the Investment Officer(s) to determine whether market yields are being achieved shall be the six month U.S. Treasury Bill.

8. Internal Management Reports

The Investment Officer(s) shall prepare and submit to the Authority Board of Directors a

STWA Investment Policy - General Fund

Page 9

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

written report of the investment transactions for all funds covered by this policy. The report shall be presented not less than quarterly and within a reasonable time after the end of the period. The report shall include the following:

- A. a detailed description of the investment position of the Authority as of the date of the report;
- B. the report shall be prepared jointly by all Investment Officer(s) of the Authority;
- C. the report shall be signed by each Investment Officer(s) of the Authority;
- D. and contain a summary statement of each pooled fund group that states the following:
 - (1) the beginning market and book value for the reporting period,
 - (2) additions and changes to the market value during the period, and
 - (3) fully accrued interest for the reporting period, and
 - (4) the ending market and book value for the period;
- E. state the book value and market value of each separately invested asset at the beginning and end of the reporting period by the type of asset and fund type invested;
- F. state the maturity date of each separately invested asset that has a maturity date;
- G. marketable securities will be priced at least quarterly. Bid prices will be documented as to the source.
- H. state the account or fund or pooled group fund for which each individual investment was acquired; and
- I. state the compliance of the investment portfolio as it relates to:
 - (1) the investment strategy expressed in the agency's or local government's investment policy; and
 - (2) relevant provisions of Chapter 2256, Public Funds Investment Act.

9. Acknowledgment of Receipt of Investment Policies by Investment Brokers

A written copy of the Authority's Investment Policy shall be presented to any person

STWA Investment Policy - General Fund

Page 10

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

seeking to sell to the Authority an authorized investment. The registered principal of the business organization seeking to sell an authorized investment shall execute a written document substantially to the effect that the registered principal has (1) received and thoroughly reviewed the investment policy of the Authority; and (2) acknowledged that the organization has implemented reasonable procedures and controls in an effort to preclude imprudent investment activities arising out of investment transactions conducted between the Authority and said organization.

Investment Broker/Dealers shall adhere to the spirit, philosophy and specific term of this policy and shall avoid recommending or suggesting transactions outside that "Standard of Care". Any broker/dealer or financial institution who sells an investment to the Authority must be approved by the governing body.

10. Limitations regarding Failure to Acknowledge receipt of Investment Policies

The Investment Officer(s) shall not buy any securities from a business organization that has not delivered to the Authority a document in substantially the form provided in Section 9 of this document.

11. Investment Training

The Investment Officer(s) shall attend six hours of initial training within twelve months after taking office or assuming duties and four hours of renewal training every two years thereafter. Training must include education in investment controls, security risks, strategy risks, market risks, and compliance with Chapter 2256, Public Funds Investment

12. Investment Strategy

Available funds shall be invested in conformance with State and Federal Regulations, applicable bond resolution requirements and adopted investment policy. In accordance with the Public Funds Investment Act, the investment strategy of the General Fund shall acknowledge the following priorities (in order of importance):

- Understanding the suitability of the investment to the financial requirements of the Authority;
- Preservation and safety of principal;
- Liquidity;
- Marketability of the investment prior to maturity;
- Diversification of the investment portfolio; and
- Yield.

STWA Investment Policy - General Fund

Page 11

Adopted: September 11, 1995

Re-Adopted: September 25, 2018

In order to minimize risk of loss due to interest rate fluctuations, investment maturities will not exceed the anticipated cash flow requirements of the fund.

Suitability-Any investment eligible in the Investment Policy is suitable for the General Fund.

Safety of Principal – All investments shall be of high quality securities with no perceived default risk. Market price fluctuations will however occur. By managing the weighted average days to maturity for the General Fund portfolio to less than 365 days and restricting the maximum allowable maturity to two years, the price volatility of the overall portfolio will be minimized.

Marketability – Preferred investments shall have efficient secondary markets allowing for ease of sale in the event of any necessary liquidation.

Liquidity – Short term investment pools and money market mutual funds shall provide daily liquidity and may be utilized as a competitive yield alternative to fixed maturity investments. To provide adequate liquidity, a minimum of 20% of the portfolio shall be maintained in pools, money market funds, repurchase agreements and short term securities.

Diversification – Investment maturities shall be staggered throughout the budget cycle to provide cash flow based on the anticipated operation needs of the Authority. Market cycle risk will be reduced by diversifying the appropriate maturity structure out along the yield curve.

Yield – Attaining a competitive market yield for comparable security- types and portfolio restrictions is the desired objective. The yield of the constant maturity six month treasury issue shall be the minimum yield objective.

13. Annual Review

As part of the scope of the Authority's independent annual audit, all internal controls on investment, safekeeping procedures, compliance with policy, and investment performance will be presented to the Board of Directors.

The Authority shall adopt a written resolution acknowledging that it has reviewed the investment policy and investment strategy and this written resolution as so adopted shall record any changes made to either the investment policy or investment strategies.

ATTACHMENT 9

Resolutions 19-59 through 19-61

SOUTH TEXAS WATER AUTHORITY

Resolution 19-59

RESOLUTION ADOPTING THE SOUTH TEXAS WATER AUTHORITY
INVESTMENT POLICY – GENERAL FUND.

WHEREAS, the South Texas Water Authority is a functioning reclamation and conservation district established by the legislature in the State of Texas, and

WHEREAS, the Board of Directors of the Authority has reviewed the Investment Policy - General Fund and finds it to be consistent with good management practices and preserving the public trust, and

WHEREAS, this policy meets the requirements established by the Texas Legislature.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the South Texas Water Authority adopts the attached Investment Policy – General Fund to be included in the STWA's Administrative and Personnel Policies.

Duly adopted this 24th day of September, 2019.

KATHLEEN LOWMAN, PRESIDENT

ATTEST:

RUDY GALVAN, SECRETARY/TREASURER

SOUTH TEXAS WATER AUTHORITY

Resolution 19-60

RESOLUTION ADOPTING THE SOUTH TEXAS WATER AUTHORITY
INVESTMENT POLICY – DEBT SERVICE FUND.

WHEREAS, the South Texas Water Authority is a functioning reclamation and conservation district established by the legislature in the State of Texas, and

WHEREAS, the Board of Directors of the Authority has reviewed the Investment Policy – Debt Service Fund and finds it to be consistent with good management practices and preserving the public trust, and

WHEREAS, this policy meets the requirements established by the Texas Legislature.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the South Texas Water Authority adopts the attached Investment Policy – Debt Service Fund to be included in the STWA's Administrative and Personnel Policies.

Duly adopted this 24th day of September, 2019.

KATHLEEN LOWMAN, PRESIDENT

ATTEST:

RUDY GALVAN, SECRETARY/TREASURER

SOUTH TEXAS WATER AUTHORITY

Resolution 19-61

RESOLUTION ADOPTING THE SOUTH TEXAS WATER AUTHORITY
INVESTMENT POLICY – CAPITAL PROJECTS FUND.

WHEREAS, the South Texas Water Authority is a functioning reclamation and conservation district established by the legislature in the State of Texas, and

WHEREAS, the Board of Directors of the Authority has reviewed the Investment Policy – Capital Projects Fund and finds it to be consistent with good management practices and preserving the public trust, and

WHEREAS, this policy meets the requirements established by the Texas Legislature.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the South Texas Water Authority adopts the attached Investment Policy – Capital Projects Fund to be included in the STWA's Administrative and Personnel Policies.

Duly adopted this 24th day of September, 2019.

KATHLEEN LOWMAN, PRESIDENT

ATTEST:

RUDY GALVAN, SECRETARY/TREASURER

ATTACHMENT 10
Banquete Pump Station

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: Update on Banquete Pump Station (PS) to Serve the Nueces Water Supply Corporation (NWSC)

Background:

During the last STWA Board meeting, staff reported that a re-advertising for bids on the construction of the new Banquete PS would be done by the Nueces County Purchasing Department. However, as confirmed today by Nueces County Grant Administrator Maria Bedia, that re-advertising has not yet occurred. The individual in the Purchasing Department that was assigned the project accepted another job with the Port of Corpus Christi. The department head has hired a replacement and the Commissioners Court has authorized the advertisement to proceed; however, it is anticipated that the publication will not occur until shortly after FY 2020 begins on October 1st.

Analysis:

This is an update only.

Staff Recommendation:

Keep the Board updated on this project.

Board Action:

Provide feedback to staff.

Summarization:

Staff continues to be of the opinion that separation of the facilities is in the best interest of STWA, NWSC and the Nueces County Water Control and Improvement District #5 (Banquete).

ATTACHMENT 11

License Agreement – City of Bishop

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 17, 2019
Re: City of Bishop/STWA License Agreement – Bishop East Pump Station

Background:

As reported during the last meeting, STWA has been attempting to negotiate a License Agreement with the City of Bishop for several months. Although the City and STWA have reached an agreement on the Water Supply Contract, STWA has been advised by legal counsel not to execute the Water Supply Contract with the City until this Agreement is finalized. Even though STWA believes it has a legal right to occupy the property and service NWSC from the pump station, STWA did not purchase the property in the early 1980's. Originally, the City was the only entity utilizing the station. Later, improvements were made to provide service to NWSC, which the City approved by resolution when the remaining bond funds were issued for NWSC and RWSC projects. However, years later the City opted to only receive delivery of surface water from STWA at the City's west side station.

Analysis:

As the Board is aware, the STWA appointed a committee to meet with City representatives in response to my conversation with Ms. Contreras. A response to my emails of August 26 and August 7 has not been received. However, according to my brief conversation this morning with City Secretary Cynthia Contreras, the Bishop City Council will be meeting on September 25 (the day after the STWA Board meeting) and the License Agreement is on the agenda.

Staff Recommendation:

Continue to communicate with City representatives in order to schedule a negotiation meeting.

Board Action:

Provide feedback to staff and legal counsel.

Summarization:

The last memo provided a brief timeline for the past eight (8) months, which staff believes demonstrates STWA's good faith efforts to negotiate this Agreement with the City.

mcserrato@stwa.org

From: mcserrato@stwa.org
Sent: Monday, August 26, 2019 5:24 PM
To: Cynthia Contreras
Cc: Bill Flickinger; Gerald Benadum; 'Dony Cantu (dcantu@stwa.org)'; 'Frances Rosales'; 'Jacob Hinojosa'; 'Jo Ella Wagner'
Subject: FW: STWA Representatives - License Agreement Negotiations - Meeting Arrangements

Good Afternoon Cynthia,

Just a quick follow-up to my email below. STWA staff is in the process of generating STWA's agenda and packet for the Board meeting next Tuesday, Sep 3rd. The Bishop – STWA License Agreement is an item on the agenda. I was hoping to provide an update to the Board. Any word on possible meeting dates?

Thanks,
Carola

Carola G. Serrato
Executive Director
South Texas Water Authority
PO Box 1701
Kingsville, Texas 78364
361-592-9323 x112

From: mcserrato@stwa.org <mcserrato@stwa.org>
Sent: Wednesday, August 7, 2019 10:49 AM
To: Cynthia Contreras <bishopcitysecretary@corpus.twcbc.com>
Cc: Gerald Benadum <glbenadum@att.net>; Bill Flickinger <bflickinger@wfaustin.com>; Kathleen Lowman <klowman126@aol.com>; 'Rudy Gaivan' <rudybodyman@yahoo.com>; Brandon Barrera (brandon.barrera2015@yahoo.com) <brandon.barrera2015@yahoo.com>; Steven C. Vaughn <scvenv@aol.com>; Albert Guajardo (albertg@corpus.twcbc.com) <albertg@corpus.twcbc.com>; Bill Boswell (billb@corpus.twcbc.com) <billb@corpus.twcbc.com>; Janie Dominguez (janied@corpus.twcbc.com) <janied@corpus.twcbc.com>; Kabrina Lawrence (kabrinal@corpus.twcbc.com) <kabrinal@corpus.twcbc.com>; Nathan Garza (nathang@corpus.twcbc.com) <nathang@corpus.twcbc.com>; Tem Miller (mayormiller-bishop@corpus.twcbc.com) <mayormiller-bishop@corpus.twcbc.com>; 'Dony Cantu (dcantu@stwa.org)' <dcantu@stwa.org>; 'Frances Rosales' <fvrosales@stwa.org>; 'Jacob Hinojosa' <jhinojosa@stwa.org>; 'Jo Ella Wagner' <jwagner@stwa.org>
Subject: STWA Representatives - License Agreement Negotiations - Meeting Arrangements

Good Morning Cynthia,

Per our recent telephone conversation after the July 31st Council meeting, the STWA Board considered during a Special Meeting appointing members to meet with City Council representatives to discuss the proposed License Agreement.

During our phone call, you reported that Council members suggested meeting in person could perhaps address the items that remain unresolved. You stated that the Council discussed three (3) Council persons participating. Mayor Tem Miller, Councilman Albert Guajardo, and Councilman Bill Boswell were named as possible representatives with Mayor Pro Tem Kabrina Lawrence as a possible alternate. However, my impression was that the selected persons was not definite.

I indicated in the past the STWA Board had taken formal action in appointing negotiation representatives; but, I agreed to discuss the matter with STWA legal counsel Bill Flickinger and Board President Kathleen Lowman.

During yesterday's Special meeting, the Board appointed Kathleen Lowman, Vice-President Brandon Barrera, Board Member Rudy Galvan, and Board Member Steve Vaughn as representatives. The Board agreed that three (3) representatives would attend the meeting(s) with one person acting as an alternate depending on Board Members' schedules. This should allow for greater flexibility in setting a meeting date(s).

The STWA representatives are copied on this email as well as the entire City Council. However, this email is not intended to circumvent the Open Meetings Act. And, it is not a request for any action/response from Council or Board members. If you will provide the names of the selected City representatives future email recipients will be modified accordingly.

It warrants mention that the STWA Board acknowledged and agreed, as you and I discussed, that legal counsel should be present during the meeting(s) – we assume that would be Mr. Gerald Benadum on behalf of the City. Mr. Benadum is also copied on this email. The STWA Board also understands that you, as City Secretary, and I, as Executive Director, would be present.

Mr. Flickinger has been contacted about arrangements for a meeting. He has asked that we select possible dates and requests that the meeting time be after 10 a.m. to allow for his travel the morning of the meeting. It should be noted he has stated that he would only attend a meeting(s) in person and would not "attend" a meeting(s) by telephone. Further, he has stated that he would not agree to STWA representatives attending a meeting if the City's attorney is present and he is unable to attend. These details were reported to the Board during yesterday's Special meeting.

With regards to a location, the STWA Board suggests that the meeting occur in the STWA conference room which will allow the ten (10) attendees to be seated around a conference table.

In closing, please provide several dates convenient for the Council members', Mr. Benadum's and your schedule. STWA staff will poll the STWA representatives and get back with you on the preferred date(s).

As always, please let me know if you need any additional information. We look forward to meeting with the City and moving this matter forward.

Have a good day,

Carola

Carola G. Serrato
Executive Director

South Texas Water Authority

PO Box 1701
Kingsville, Texas 78364
361-592-9323 x112

ATTACHMENT 12

Water Supply Contract – City of Driscoll

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: City of Driscoll – 20-Year Wholesale Water Supply Contract

Background:

During the September 3rd meeting, staff reported that the Driscoll City Council held a meeting on August 7th which I attended and addressed the Council under Public Comment. On September 4th, the City met again and the Wholesale Water Supply Contract was an agenda item. The Council provided me with an opportunity to review contract details. Numerous questions were posed and, for the most part, I believe adequate responses were provided. Following the meeting, a summary of the meeting was sent to Bill Flickinger, Willatt and Flickinger, and the Board was copied on the email. Mr. Flickinger and I have had a brief follow-up conversation on the meeting. He confirms that he will be working on the language pertaining to the term of the contract. It is uncertain whether that modification will be available by the Board meeting.

With regards to the pump station allocation information, it was thought that this information would be input into the Sage Accounting program. For the years 2007 through 2016 (ten years), the pump station expenses were analyzed and allocated using Excel. This information should be up to date by the end of this week; however, the data will be in Excel. Staff believes that the Sage Chart of Accounts allows for allocation of the expenses by each separate pump station. It is not certain, however, if the program allows for more detailed allocation *within* each pump station. For example, the chlorine and ammonia facilities at the Agua Dulce Pump Station serve both the City and NWSC. Records of the repairs/replacements to that equipment rightfully should be split between the two (2) entities based on the amount of water delivered to each entity. The Excel model does this – the question is whether Sage can be programmed the same way.

The Excel model uses a 5-year running average of water delivered to each pump station (Agua Dulce, Sablatura Park, Banquete, Central, Driscoll, Bishop East, Bishop West, Kingsville and Ricardo). But, the Excel program also calculates a 5-year running average of NWSC's water consumption at Agua Dulce, Banquete, Driscoll, and Central where the station is used by two (2) entities.

Analysis:

As mentioned in the attached email to Mr. Flickinger, it appears that two (2) of the main issues are the number of years of the contract and the City's concern regarding (a) accepting title to facilities and then being fiscally responsible for the equipment or (b) entering into a maintenance contract and the additional cost of paying STWA to take care of the transferred equipment on their behalf. Mr. Flickinger is working on the modifications to the Driscoll contract – which the Board will need to consider. Staff hopes to have updated costs to discuss with the City.

Staff Recommendation:

Staff believes it would be appropriate to contact the City again following the Board's review of modified language (provided by Mr. Flickinger) and updated allocation costs. In addition, any offer to meet with the City should include the City's attorney of record and Mr. Flickinger.

Memo
09/16/19
Page 2 of 2

Board Action:

Provide feedback to staff and legal counsel. If the above-mentioned information is available, determine whether to provide the modified language and updated cost allocation to the City as part of contract negotiations.

Summarization:

Staff believes that good faith efforts have been made to negotiate a contract. Staff also believes now with a complete Council seated that these efforts need to continue.

From: mcserrato@stwa.org
Sent: Thursday, September 5, 2019 11:58 AM
To: Bill Flickinger
Cc: Armando Yruegas; 'Dony Cantu (dcantu@stwa.org)'; 'Frances Rosales'; 'Jacob Hinojosa'; 'Jo Ella Wagner'; Brandon Barrera (brandon.barrera2015@yahoo.com); 'Filiberto Trevino (ftrevinoiii@gmail.com)'; Jose Graveley (pipe-man@juno.com); 'Kathleen Lowman'; Lupita Perez (lupitap1414@gmail.com); 'Patsy Rodgers'; 'Rudy Galvan'; 'Steven C. Vaughn'
Subject: Driscoll Council Meeting

Bill,

As you requested yesterday, the following is an update on the Driscoll City Council meeting and the agenda item pertaining to STWA's offered water supply contract. The agenda item lasted about 30 minutes. Most of the questions asked as well as the concerns expressed were as expected.

Regarding the expected topics:

- Council person Rivera expressed her concern about entering into a 20-year contract. She asked is there a way to shorten the term? I stated that we could discuss using the same term as in the Kingsville contract of four 5-year terms totaling 20. My perception is that Mayor Gonzalez and Council person Maldonado agreed.
- Council person Rivera asked if the 5-year terms were automatic. I stated the contract allowed for such but there were provisions to discuss items with lead time prior to the end of a 5-year term.
- Mayor Gonzalez asked if there was a penalty for early termination. I said the contract called for a certain amount of lead notice.
- At a point during the questions/answers, I returned to the comment about 20 years being too long by stating that in terms of a water supply contract it was not considered too long particularly as it relates to the City issuing debt and underwriters feeling that the City's supply is secure.
- Council person Maldonado made a statement that I am uncertain whether I completely understood. It was along the lines of not paying or buying a service – any kind of service – which the City felt was not a good service. She made this comment when I was trying to explain about understanding that the City would want to avoid any unexpected expenses as a result of a pump problem.
- There was quite a bit of discussion about the City accepting title to the pumps – which was anticipated. I referred to the Operations and Maintenance Contract that could be entered into which would be an additional charge for STWA's services. I also explained that the most recent repair/replacement to the two (2) pumps was a replacement in 2017 in the amount of about \$7,000.
- I did return to Council person Maldonado's statement about paying for quality service by asking if the City had any complaints about taste or odor problems. They did not.
- At some point during the discussion, I made sure to state (1) that the City is required by TCEQ to have a contract – not STWA (2) each entity owning their own pumps is to address the TCEQ's Under Direct Pressure Rule, including an explanation that it provides security to the City by owning the pump capacity and (3) the concept of each entity owning infrastructure (being fiscally responsible) was intended to make it fair to each entity and I used the example of NWSC having use of six stations compared to the City's one station.
- Council person Rivera wanted to know if STWA already had a cost to insert in the Maintenance contract. I said we did not and that there could be a discussion on the matter. I added that information had been provided to Mr. Valls spanning from about 2011 to 2017 on the costs associated with the pumps and pump station. I indicated that the information could be updated.
- There was a brief discussion about the method and price of water purchased. I indicated that the Board had adopted a budget the previous night (Tuesday) and the cost of water would be charged using the same method

and with the same Handling Charge for the tenth year. I added that the per thousand gallon price of the water from Corpus Christi is calculated each month and charged to the City and STWA's Handling Charge per thousand gallons of about 43 cents/1000g is also charged.

- I made certain to mention the Incremental Fee was another added component since there is not a contract and STWA wanted to negotiate and enter into a contract. I also made certain to mention the approximately \$30,000 paid by the City in Incremental Fees thus far.
- Mayor Gonzalez stated that the City needed to address their own rates. I stated that it had been about two (2) years since Mr. Valls asked my opinion on the City's rates. I stated at that time that the City's per thousand gallon rate was lower than the per thousand gallon rate charged by STWA. I believe he made a comment that the City needed to address that in the very near future.

Regarding a somewhat unexpected topic:

- Recurring low pressure was a surprising and supposedly related to the pumps topic. I believe Mayor Gonzalez is employed by the School District and he expressed first hand knowledge with low pressure problems at the school – which he attributes to the pumps. I said I recalled an incident several years ago (May 2017) involving low pressure and the pump station having a major problem. My recollection was that it was an MOV problem – however, I did not make that statement. I simply acknowledged his concern about low pressures. BTW, my recollection was confirmed this morning when I reviewed my email report to the Board on the day of the incident.
- Last night, I assured the Council that I would double-check with field personnel that the City's elevated storage tank low level signal provides an alarm in the event of another problem. BTW, Jacob confirms the signal is available and the low level set point has not been changed.
- But, the surprising part of the discussion was that Mayor Gonzalez seemed to indicate multiple problems with the pumps. This morning I checked with Jacob and Dony and none of us could recollect any other time when there was a major problem with the pump station. Jacob and Dony stated that another field tech replaced a coupling not too long ago. Dony remembers problems with contractors working in the City causing leaks and another opening up hydrants to relieve pressure when working on the City's water lines – which would create low pressure. But, we could not recall other pump station problems. Although, it is possible that the City is already addressing those and not contacting STWA.

I believe these are the highlights of the meeting. I made sure to repeat several times that STWA looks forward to negotiating the contract and meeting with City representatives to accomplish such.

My assessment is that:

- STWA should consider providing language to the City (from you to Mr. Morris?) similar or identical to that of the City of Kingsville's contract with the four 5-year terms.
- STWA will begin updating the information on the cost at the Driscoll PS since the last information was provided – Jo Ella, Frances and I discussed the matter this morning.
- Additional discussion/research is likely needed on any low pressure problems that the City has experienced.

I recall you are still out of State. But, please contact me if you have any questions.

Thanks,

Carola

Carola G. Serrato
Executive Director

South Texas Water Authority

PO Box 1701

Kingsville, Texas 78364

ATTACHMENT 13
Approval of Annexations

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: Approve Annexation:
1. Resolution 19-62 – Jakob Parks – Tract 8, Cyndie Park Unit 2
2. Resolution 19-63 – Arnold and Sarah Flores – Lot 33 and SW ½ of Lot 32, Cyndie Park Unit 1

Background:

As the Board is aware, the Nueces Water Supply Corporation is now providing water service to the Cyndie Park area, which is outside of South Texas Water Authority's (STWA) district boundaries. As such, a property owner living outside of STWA's district boundaries will request retail water service from the Nueces Water Supply Corporation (NWSC) and is then required to request annexation into STWA's district. This results in the new NWSC member paying the same costs as all other NWSC customers, specifically their NWSC retail water bill and property taxes to STWA.

Analysis:

This is a two-step process. The first step sets the time and date for the public hearing and authorizes publication of the required notice. After the public hearing, the Board considers a resolution approving the annexation. Last month the Board adopted resolutions setting the time and date for the public hearing for Jakob Parks and Arnold/Sarah Flores, which will be held immediately prior to the regular Board meeting. Attached are the two (2) resolutions associated with finalizing the annexation.

Staff Recommendation:

Adopt Resolutions 19-62 and 19-63.

Board Action:

Determine whether to adopt Resolutions 19-62 and 19-63.

Summarization:

This annexation process provides uniformity between all NWSC members.

ATTACHMENT 14

Resolution 19-62

Chapter 551, Texas Government Code.

SIGNED AND SEALED the 24th day September, 2019.

Rudy Galvan, Jr., Secretary
Board of Directors

Kathleen Lowman, President
Board of Directors

SOUTH TEXAS WATER AUTHORITY

Resolution 19-62

THE STATE OF TEXAS §
COUNTIES OF KLEBERG AND NUECES §
SOUTH TEXAS WATER AUTHORITY §

WHEREAS, the Board of Directors conducted a hearing on this date in reference to the annexation of the territory described in Exhibit A attached hereto; and

WHEREAS, it was deemed advisable by the Board to approve the annexation of such territory to the Authority; and

WHEREAS, it is officially found and determined: that a case of emergency or urgent public necessity exists which required the holding of the meeting at which this Resolution was adopted and that said meeting was open to the public, and public notice of the time, place and purpose of said meeting was given, all as required by Chapter 551, Texas Government Code.

THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF SOUTH TEXAS WATER AUTHORITY:

1. That the annexation of the territory described in Exhibit A is hereby approved by this Board, and it is hereby found that there will be benefit to the territory as amended.
2. That pursuant to Article 7, Chapter 436, Acts of the 66th Legislature, Regular Session, 1979, no election is required to approve the annexation as the petition was signed by all residents and landowners of the annexed territory.

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

STATE OF TEXAS :
COUNTY OF NUECES :

TO THE BOARD OF DIRECTORS OF THE SOUTH TEXAS WATER AUTHORITY:

The undersigned (herein called "Petitioner"), holder of title to the territory described by metes and bounds in Exhibit "A" which is attached hereto and incorporated herein for all purposes, being all of the residents and landowners of such territory, as shown by the tax rolls of Nueces County, Texas, and acting pursuant to the provisions of Section 11006.052, Special District Local Laws Code, respectfully petitions the Board of Directors of South Texas Water Authority that the territory described by metes and bounds in Exhibit "A" be added to and become a part of the established South Texas Water Authority, and in support of this petition would show as follows:

I.

Fee simple title and full ownership of the aforesaid territory, which lies wholly within Nueces County, Texas, is vested in Petitioner.

II.

The addition of said territory to South Texas Water Authority is feasible and practical, would be to the best interest both to the territory and to the Authority and would benefit said territory.

III.

The Authority will be able to supply water, or have water supplied, to the added territory.

IV.

This petition shall constitute an election on the part of the Petitioner, its successors and assigns, for the aforesaid land and any improvements which may be constructed thereon to become liable for all present and future debts of the Authority in the same manner and to the same extent as other lands and improvements in the Authority are liable for the Authority's debts.

V.

Petitioner hereby authorizes the Board of Directors of the Authority to levy taxes and set rates sufficient to pay their share of the aforementioned outstanding indebtedness.

WHEREFORE, Petitioner prays that this petition be properly filed, as provided by law; that the Board of Directors of South Texas Water Authority hear and consider the petition in keeping with the provisions of Section 11006.052, Special District Local Laws Code and that this petition in all things be granted and that the territory described in Exhibit "A" be added to and become a part of the established South Texas Water Authority; that after this petition is granted the Board's order thereon be filed of record and be recorded in the Deed Records of Nueces County, Texas; and that the area described in Exhibit "A" be thereafter a component part of South Texas Water Authority.

[Signatures and Acknowledgement on following page.]

EXECUTED this 6 day of Aug, 2019.

Jakob Parks
Mr. Jakob Parks

ACKNOWLEDGEMENT

STATE OF TEXAS

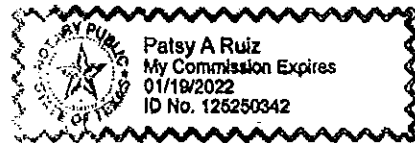
COUNTY of Royal

Subscribed and sworn to before me Jakob Parks on this the 6th day of Aug., 2019 pm

Patsy A. Ruiz
Notary Public

My Commission Expires: 1-19-2022

NOTARY SEAL



ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY of _____

Subscribed and sworn to before me _____ on this the _____ day of _____, 20____.

Notary Public

My Commission Expires: _____

NOTARY SEAL

Exhibit "A"

To

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

Property Description

Tract Eight (8), CYNDIE PARK UNIT 2 in Nueces County, Texas being a tract of land containing 0.64 acres, more or less, out of a 29.59 acre Unit # 2 out of a 59.59 acre tract out of 238.79 acres standing in the names of John S. McGregor and C.C. Speed by Deed recorded in Volume 1840, Page 1017 of the Deed Records of Nueces County, Texas and all being out of THE CASA BLANCA GRANT and being a part of Blocks Twenty-Four (24) and Twenty-Five (25) of the MANTOR, BRIGGS & KUYKENDALL SUBDIVISION of 5155.97 acres in Nueces County, Texas, according to map or plat recorded in Volume 2, Page 57 of the Map Records of Nueces County, Texas, and being more particularly described by metes and bounds in the Correction General Warranty Deed recorded under Document No. 2019013895 of the Official Records of Nueces County, Texas.

ATTACHMENT 15

Resolution 19-63

Chapter 551, Texas Government Code.

SIGNED AND SEALED the 24th day September, 2019.

Rudy Galvan, Jr., Secretary
Board of Directors

Kathleen Lowman, President
Board of Directors

SOUTH TEXAS WATER AUTHORITY

Resolution 19-63

THE STATE OF TEXAS §
COUNTIES OF KLEBERG AND NUECES §
SOUTH TEXAS WATER AUTHORITY §

WHEREAS, the Board of Directors conducted a hearing on this date in reference to the annexation of the territory described in Exhibit A attached hereto; and

WHEREAS, it was deemed advisable by the Board to approve the annexation of such territory to the Authority; and

WHEREAS, it is officially found and determined: that a case of emergency or urgent public necessity exists which required the holding of the meeting at which this Resolution was adopted and that said meeting was open to the public, and public notice of the time, place and purpose of said meeting was given, all as required by Chapter 551, Texas Government Code.

THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF SOUTH TEXAS WATER AUTHORITY:

1. That the annexation of the territory described in Exhibit A is hereby approved by this Board, and it is hereby found that there will be benefit to the territory as amended.
2. That pursuant to Article 7, Chapter 436, Acts of the 66th Legislature, Regular Session, 1979, no election is required to approve the annexation as the petition was signed by all residents and landowners of the annexed territory.

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

STATE OF TEXAS :
COUNTY OF NUECES :

TO THE BOARD OF DIRECTORS OF THE SOUTH TEXAS WATER AUTHORITY:

The undersigned (herein called "Petitioner"), holder of title to the territory described by metes and bounds in Exhibit "A" which is attached hereto and incorporated herein for all purposes, being all of the residents and landowners of such territory, as shown by the tax rolls of Nueces County, Texas, and acting pursuant to the provisions of Section 11006.052, Special District Local Laws Code, respectfully petitions the Board of Directors of South Texas Water Authority that the territory described by metes and bounds in Exhibit "A" be added to and become a part of the established South Texas Water Authority, and in support of this petition would show as follows:

I.

Fee simple title and full ownership of the aforesaid territory, which lies wholly within Nueces County, Texas, is vested in Petitioner.

II.

The addition of said territory to South Texas Water Authority is feasible and practical, would be to the best interest both to the territory and to the Authority and would benefit said territory.

III.

The Authority will be able to supply water, or have water supplied, to the added territory.

IV.

This petition shall constitute an election on the part of the Petitioner, its successors and assigns, for the aforesaid land and any improvements which may be constructed thereon to become liable for all present and future debts of the Authority in the same manner and to the same extent as other lands and improvements in the Authority are liable for the Authority's debts.

V.

Petitioner hereby authorizes the Board of Directors of the Authority to levy taxes and set rates sufficient to pay their share of the aforementioned outstanding indebtedness.

WHEREFORE, Petitioner prays that this petition be properly filed, as provided by law; that the Board of Directors of South Texas Water Authority hear and consider the petition in keeping with the provisions of Section 11006.052, Special District Local Laws Code and that this petition in all things be granted and that the territory described in Exhibit "A" be added to and become a part of the established South Texas Water Authority; that after this petition is granted the Board's order thereon be filed of record and be recorded in the Deed Records of Nueces County, Texas; and that the area described in Exhibit "A" be thereafter a component part of South Texas Water Authority.

[Signatures and Acknowledgement on following page.]

EXECUTED this 26 day of August, 2019.

Arnold Flores

Arnold Flores

Sarah M. Flores

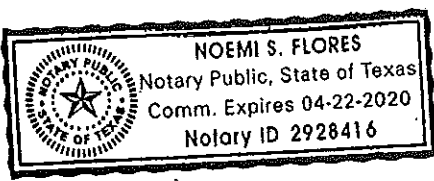
Sarah Flores

ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY of Kleberg

Subscribed and sworn to before me Arnold Flores on this the 26 day of August, 2019.



Noemi S. Flores
Notary Public

My Commission Expires: 4/22/2020

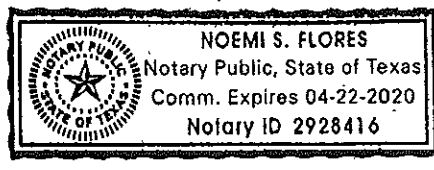
NOTARY SEAL

ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY of Kleberg

Subscribed and sworn to before me Sarah Flores on this the 26 day of August, 2019.



Noemi S. Flores
Notary Public

My Commission Expires: 4/22/2020

NOTARY SEAL

Exhibit "A"

To

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

Property Description:

Lot 33, and the southwest 1/2 of Lot 32, Cyndie Park Unit 1, an addition to the City of Robstown, Nueces County, Texas, municipally known as 4617 Cyndie Lane at FM Road 1833, Robstown, Texas, and as described in the Warranty Deed with Vendor's Lien recorded under Document No. 2008040507 of the Official Records of Nueces County, Texas.

ATTACHMENT 16

Annexation Petition

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: Annexation Petitions – Set Time and Date for Public Hearing:
Resolution 19-64 – Frank Rios II and Adelia D. Rios – Tract Five – H (5-H) The Ranch, in Nueces County

Background:

As previously discussed, the Nueces County Grant Administration office acquired funds to address water quality problems in the area of Cyndie Park and The Ranch subdivisions. A 4" waterline was extended from the Nueces Water Supply Corporation (NWSC) 6" line and placed into service on April 8th. Since the Cyndie Park and The Ranch subdivisions are not within South Texas Water Authority's district boundaries, the property owner will request retail water service from the NWSC and annexation into STWA's district. This results in the new NWSC member paying the same costs as all other NWSC customers, specifically a retail water bill to NWSC and property taxes to STWA.

Analysis:

Enclosed is Resolution 19-64 to begin the annexation process for a property owner in The Ranch Subdivision. This resolution will set the time and date for a public hearing on the annexation. The public hearing will be scheduled for immediately preceding the October Board meeting on the 22nd.

Staff Recommendation:

Adopt Resolution 19-64.

Board Action:

Determine whether to adopt Resolutions 19-64.

Summarization:

As reported last month, the annexation process has been additional work, particularly for Business/Risk Manager Frances DeLeon and Accountant Assistant Noemi Flores. There are less than five (5) accounts that have failed to respond to follow-up correspondence. Overall, the process is running smoothly.

ATTACHMENT 17

Resolution 19-64

SOUTH TEXAS WATER AUTHORITY

Resolution 19-64

RESOLUTION OF DETERMINATION OF VALIDITY OF ANNEXATION PETITION,
SETTING PUBLIC HEARING AND AUTHORIZING PUBLICATION OF NOTICE.

WHEREAS, Frank Rios, II and Adelia D. Rios (Petitioners), have filed the attached petition (the Petition) with the South Texas Water Authority requesting annexation of their property into the South Texas Water Authority in order to allow water service to their property to be provided by Nueces Water Supply Corporation, and

WHEREAS, the South Texas Water Authority Board of Directors has reviewed the Petition and finds that it meets all of the requirements for annexation into the South Texas Water Authority's District, and

WHEREAS, the Board of Directors hereby sets a public hearing to hear evidence for or against the proposed annexation of this property to be held on October 22, 2019 at 5:30 p.m. at the South Texas Water Authority, 2302 East Sage Road, Kingsville, Texas.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the South Texas Water Authority hereby authorizes the publication of the attached Notice of Public Hearing on Annexation for a public hearing to be held on October 22, 2019 at 5:30 p.m. at South Texas Water Authority, 2302 East Sage Road, Kingsville, Texas. At such hearing all interested persons may appear and offer evidence for or against the proposed annexation of the property described in Exhibit A of the Petition.

Duly adopted this 24th day of September, 2019.

KATHLEEN LOWMAN, PRESIDENT

ATTEST:

RUDY GALVAN, JR., SECRETARY/TREASURER

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

STATE OF TEXAS :
COUNTY OF NUECES :

TO THE BOARD OF DIRECTORS OF THE SOUTH TEXAS WATER AUTHORITY:

The undersigned (herein called "Petitioner"), holder of title to the territory described by metes and bounds in Exhibit "A" which is attached hereto and incorporated herein for all purposes, being all of the residents and landowners of such territory, as shown by the tax rolls of Nueces County, Texas, and acting pursuant to the provisions of Section 11006.052, Special District Local Laws Code, respectfully petitions the Board of Directors of South Texas Water Authority that the territory described by metes and bounds in Exhibit "A" be added to and become a part of the established South Texas Water Authority, and in support of this petition would show as follows:

I.

Fee simple title and full ownership of the aforesaid territory, which lies wholly within Nueces County, Texas, is vested in Petitioner.

II.

The addition of said territory to South Texas Water Authority is feasible and practical, would be to the best interest both to the territory and to the Authority and would benefit said territory.

III.

The Authority will be able to supply water, or have water supplied, to the added territory.

IV.

This petition shall constitute an election on the part of the Petitioner, its successors and assigns, for the aforesaid land and any improvements which may be constructed thereon to become liable for all present and future debts of the Authority in the same manner and to the same extent as other lands and improvements in the Authority are liable for the Authority's debts.

V.

Petitioner hereby authorizes the Board of Directors of the Authority to levy taxes and set rates sufficient to pay their share of the aforementioned outstanding indebtedness.

WHEREFORE, Petitioner prays that this petition be properly filed, as provided by law; that the Board of Directors of South Texas Water Authority hear and consider the petition in keeping with the provisions of Section 11006.052, Special District Local Laws Code and that this petition in all things be granted and that the territory described in Exhibit "A" be added to and become a part of the established South Texas Water Authority; that after this petition is granted the Board's order thereon be filed of record and be recorded in the Deed Records of Nueces County, Texas; and that the area described in Exhibit "A" be thereafter a component part of South Texas Water Authority.

[Signatures and Acknowledgement on following page.]

EXECUTED this 12 day of September, 2019.

[Signature]
Frank Rios, II

[Signature]
Odelia D. Rios

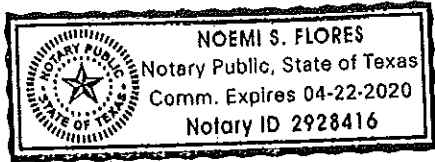
ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY of Kleberg

Subscribed and sworn to before me Frank Rios, II on this the

12 day of September, 2019.



[Signature]
Notary Public

My Commission Expires: 4/22/20

NOTARY SEAL

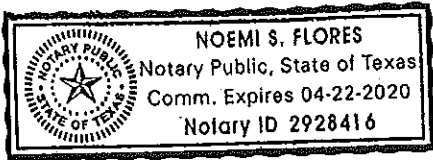
ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY of Kleberg

Subscribed and sworn to before me Odelia D. Rios on this the

12 day of September, 2019.



[Signature]
Notary Public

My Commission Expires: 4/22/20

NOTARY SEAL

Exhibit "A"

To

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

Property Description:

Tract Five-H (5-H), The Ranch in Nueces County, Texas, being a tract of land containing 1.31 acres, more or less out of 238.79 acres of land out of Casa Blanca Grant and being part of Blocks 24 and 25 of the Mantor Briggs & Kuykendall Subdivision of 5155.97 acres in Nueces County, Texas, according to map or plat recorded in Volume 2, Page 57 of the Map Records of Nueces County, Texas, being more particularly described by metes and bounds in the Deed with Vendor's Lien recorded under Document No. 2016018720 of the Official Records of Nueces County, Texas.

NOTICE OF PUBLIC HEARING ON ANNEXATION

THE STATE OF TEXAS
SOUTH TEXAS WATER AUTHORITY

Pursuant to a Resolution adopted by the Board of Directors of South Texas Water Authority, a hearing shall be held at the South Texas Water Authority, 2302 East Sage Road, Kingsville, Texas, on October 22, 2019 at 5:30 p.m. with respect to the Petition filed by Frank Rios, II and Adelia D. Rios for annexation of the territory described below, on the question of whether the territory sought to be annexed will be benefited by the improvements, works, and facilities then owned or operated or contemplated to be owned or operated by the Authority or by the other functions of the Authority. All interested persons may appear at such hearing and offer evidence for or against the proposed annexation.

Signed this the 24th day of September, 2019.

Kathleen Lowman, President
Board of Directors
South Texas Water Authority

That certain lot or tract of land situated in Nueces County, Texas, and more particularly described as follows:

Tract Five-H (5-H), The Ranch in Nueces County, Texas being a tract of land containing 1.31 acres, more or less, out of 238.79 acres of land out of Casa Blanca Grant and being part of Blocks 24 and 25 of the Mantor, Briggs & Kuykendall Subdivision of 5155.97 acres in Nueces County, Texas, according to map or plat recorded in Volume 2, Page 57 of the Map Records of Nueces County, Texas, being more particularly described by metes and bounds in the Deed with Vendor's Lien recorded under Document No. 2016018720 of the Official Records of Nueces County, Texas.

ATTACHMENT 18

STWA Depository

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 16, 2019
Re: Depository and Resolution 19-65

Background:

Per the Board's instruction during the September 3rd meeting attached is Prosperity Bank's (Prosperity) offer to renew STWA's depository agreement for an additional two (2) years with the same terms as currently in place. There is one exception. As instructed staff requested that Prosperity consider increasing the regular bank account interest earning amount; Prosperity increased the interest rate from 0.4% to 0.5%. As the Board is aware, the majority of STWA's reserve funds are deposited with Texas pools with higher interest earning rates. There is an accompanying resolution, Resolution 19-65, to formalize the extension of the depository agreement by two (2) years.

Analysis:

As reported during the last meeting, Prosperity has been STWA's depository for the past eight (8) years. During this time, Prosperity has never charged fees to act as STWA's depository with the exception of paying for checks and deposit slips. Staff has been pleased with Prosperity's service and response time when events require additional assistance.

Staff Recommendation:

Approved Resolution 19-65.

Board Action:

Determine whether to approve Resolution 19-65.

Summarization:

As mentioned in the last memo on this matter, Finance Manager Jo Ella Wagner has stated that she is pleased with the service that Prosperity is providing.



PROSPERITY BANK®

September 12, 2019

South Texas Water Authority
Carola Serrato, Executive Director
P.O. Box 1701
Kingsville, Texas 78363

Dear Ms. Serrato:

The Depository Services Contract between South Texas Water Authority and Prosperity Bank has been renewed on a two year basis. The previous renewal of the contract by and between the South Texas Water Authority and the Bank was as of November 1, 2017.

By signing this letter and returning it for our files, you agree to renewal of this contract for an additional two years- November 1, 2019 through October 31, 2021. All terms will remain the same except for the following:

NOW Accounts- Prosperity Bank NOW sheet rate with a floor of 0.50% and an APY of .50%

We appreciate our business relationship with South Texas Water Authority and look forward to working with you in the future. If you have any questions, please let me know. I may be reached at 361-592-2639 or by email edmundogarza@prosperitybankusa.com.

Sincerely,

Edmundo (Eddie) Garza
Banking Center President

Agreed and accepted on behalf South Texas Water Authority:

_____	<u>Executive Director</u>	_____
Carola Serrato	Title	Date

Agreed and accepted on behalf of Prosperity Bank:

_____	<u>Banking Center President</u>	_____
Edmundo J. Garza	Title	Date



ATTACHMENT 19

Resolution 19-65

Staff had requested a resolution as adopted in the past regarding the depository. Attached is the bank's notice that a resolution is no longer required. As such, resolution 19-65 will be voided and not used.

Joella Wagner

From: David Silva (81) <David.Silva@prosperitybankusa.com>
Sent: Friday, September 20, 2019 3:54 PM
To: Joella Wagner
Subject: Re: South Texas Water Authority Depository Agreement

We no longer need the Resolution and just need the letter to be approved at the meeting for the extension.
Thanks
David Silva.

Sent from my iPhone

On Sep 20, 2019, at 3:40 PM, Joella Wagner <jwagner@stwa.org> wrote:

David,
We are trying to get the agenda sent out to the Board Members and although I have the extended depository agreement from Prosperity Bank, I NEED THE RESOLUTION!!!! Can you provide that to STWA Today.....Please?

Jo Ella

From: David Silva (81) <David.Silva@prosperitybankusa.com>
Sent: Tuesday, September 10, 2019 4:45 PM
To: Joella Wagner <jwagner@stwa.org>
Cc: Edmundo Garza (85) <edmundo.garza@prosperitybankusa.com>; Velma Martinez (85) <Velma.Martinez@prosperitybankusa.com>
Subject: RE: South Texas Water Authority Depository Agreement

Hi Jo Ella,

We would like to thank you and the board for approving the extension of our depository contract for another two years. We appreciate all the support you have given us and your nice comments about our Kingsville bank. We have gotten approval to extend the contract for another two years and also were able to get you a little better rate with the extension from 0.40% to 0.50%. We will prepare a cover letter and the Resolution for your board to approve the extension and rate change for your September 24th meeting and get to you shortly. Is Kathleen Lowman still your Board President and is Carola Serrato your Executive Director so we can update the Resolution?

Also, we now have a new Banking Center President at our Kingsville location being Edmundo J. (Eddie) Garza and when Velma or I come over to deliver the new resolution we will introduce you to him. Please let us know if you have any questions or need any further information. Again Thank You so much for your continued support and business!

Thanks,

David C. Silva
Banking Center President
Prosperity Bank
Alice Banking Center

Alice, Texas 78332

david.silva@prosperitybanktx.com

361.664.5446 Direct

361.664.7489 fax

NMLS # 584097

<image001.png>

From: Joella Wagner [<mailto:jwagner@stwa.org>]
Sent: Tuesday, September 10, 2019 11:00 AM
To: David Silva (81) <David.Silva@prosperitybankusa.com>
Subject: South Texas Water Authority Depository Agreement

*******Security Note: EXTERNAL EMAIL – Please exercise caution and DO NOT open attachments or click on links from unknown or unexpected emails.**

David,

On September 3, 2019 the STWA Board of Directors met during a duly posted meeting and unanimously decided to extend the depository agreement with Prosperity Bank for an additional 2 years instead of advertising for a depository. I explained to the Board that Prosperity Bank and STWA have a great relationship and the Kingsville Branch is terrific.

Please provide an agreement extending the depository contract for two years to South Texas Water Authority for official approval by Resolution at the September 24, 2019 meeting.

Would Prosperity Bank consider increasing the interest rate on the 3 checking accounts. Currently Prosperity is paying 0.40% annually on these accounts.

Thank You so much David.

Jo Ella Wagner
STWA Finance Manager

This transmission may contain information that is privileged, confidential and or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the information contained herein (including any reliance thereon) is STRICTLY PROHIBITED. If you received this transmission in error, please immediately contact the sender and destroy the material in its entirety, whether in electronic or hard copy format. Thank you.

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ATTACHMENT 20
Specifications for Pickup Truck

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 17, 2019
Re: FY 2020 - Purchase of ¾ Ton 4x4 Truck

Background:

Per the Board approved FY 2020 budget, enclosed are specifications for a ¾ ton 4x4 gas engine pickup truck with a long bed. The specs are slightly different from previously issued bid packages with two additional items, namely power windows and Blue Tooth technology. The addition of power windows is as a result of the cramped space on the 2019 F150 vehicles which field personnel have complained make rolling the windows down virtually impossible unless the door is opened. The Blue Tooth technology is added as a safety feature. As of 2019, Ford pickup trucks do not have hands-free communication. Unit 5, the 2018 Chevy Silverado, has that feature as well as power windows.

In addition, the Board will note that the specifications are allowing for both 2019 and 2020 models. Yesterday, staff noted that the United Auto Workers (UAW) strike could affect availability of vehicles. Attached is an article which addresses the possible impact to inventory as well as delivery since the Teamsters have stated they would not transport vehicles while the strike is in effect.

In the past, staff has delivered bid packets to dealerships including Access Ford, AutoNation Chevy and Toyota, AutoNation Ford Mazda, Beck and Masten GMC, Caldwell Country Chevrolet, Hick's Family Nissan, Lithia Dodge, Neesen Chevy/GMC, Neesen Dodge, Sames Ford Kingsville, and Mike Shaw Toyota. In addition, staff has utilized the BuyBoard online feature to reach out to dealerships.

Analysis:

Staff is asking for the Board to review these slightly altered bid specifications. Once modified (if necessary) and approved, staff would like to proceed with requesting bids in order that the Board may consider awarding a purchase during the October 22, 2019 meeting. In the past, the delivery time has been between 60 to 90 days, which would translate into receiving the vehicle at the end of January/beginning of February – unless the UAW strike affects production and/or transport.

Staff Recommendation:

Consider the attached specifications. Provide staff with feedback. Instruct staff to modify the specs as needed. Authorize gathering bids for the October Board meeting.

Board Action:

Determine whether to proceed with the above-described process of issuing a request for bids on a 2019 or 2020 ¾ ton 4x4 gas engine pickup truck with a long bed.

Summarization:

This unit will be used by the CP crew to transport anodes, materials, tools, and other equipment on the CP project. The truck currently used by the CP crew will be used by the newly hired individual who will be maintaining the pump stations' exteriors and interiors.

SPECIFICATION SHEET
2019 or 2020 Work Truck
3/4 TON 4 x 4 PICKUP TRUCK
4-DOOR CAB LONG-BED (GAS ENGINE)
SUPERCAB, DOUBLE CAB or EXTENDED CAB – NOT CREW CAB

GVWR (lbs) Gross Vehicle Weight Rating: 9,500 minimum
Payload (lbs) 1,690 minimum

Transmission: 4 speed automatic minimum
Engine: 8 cylinder gas engine
Alternator: Standard with 8 cylinder gas engine
Steering: Power
Battery: Standard with 8 cylinder gas engine
Brakes: Power or Power vented disc

Wheel Base: 145 min.

Shock Absorbers:

 Front - Heavy duty

 Rear -- Heavy duty

Cooling System: Standard

Parking Brakes: Cable to rear wheels

Fuel Tank: 25 gal. min.

Tire Size: Four (4) Standard size **all-terrain** for truck with standard size spare

Color: White or light colored neutral tone

Directional Signals: Factory installed front and rear with warning switch.

Heater: Factory installed with defrosters.

Accessories :

- Towing package including electric trailer brake controller
- **Power Windows**
- **Blue Tooth Technology**
- Inside upper cab light.
- Cigarette lighter.
- Two (2) 12V plugs
- Air Conditioner factory installed in dash.
- AM/FM clock/radio.
- Standard mirrors.
- Tinted windows.
- Instrument gauges-Fuel, oil pressure, engine temperature and amp meter.
- Seats – standard.
- Rear view mirror with day/night switch.
- Factory installed cruise control.

PURCHASING SPECIFICATIONS

PAGE 2

PURCHASING SPECIFICATIONS ON
¾ TON TRUCK

- A. CLASSIFICATION: The vehicles described herein are used by the various departments of the Authority for transportation of personnel and hauling all types of cargo, and towing all types of trailers.
- B. ORDERING AND BIDDING DATA: The following instructions and information are intended to assist bidders in understanding these specifications, and in completing and submitting bids to the Authority.
1. Bid sheets are included with the bid invitation. **They are to be considered a part of this specification.** The specific vehicle and the quantity required will be indicated on the bid sheet.
 2. Bidder shall fill in all the blank spaces provided on the bid sheet and return one copy of each with bid.
 3. Vehicles to be supplied shall be in accordance with the requirements stated in this specification and the requirements stated on the bid sheet.
 4. All bids shall be delivered by Certified Mail to South Texas Water Authority, P. O. Box 1701, Kingsville, Texas 78364 or hand delivered to the Authority's office at 2302 E. Sage Road, Kingsville, Texas and **clearly marked "Sealed Bid."**
 5. The vehicles or equipment described herein shall be purchased from the lowest and most responsible bidder submitting a proposal; or, if appropriate, all bids may be rejected. The determination as to which bidder submitted the lowest bid shall rest solely with the Authority. The Authority reserves the right to waive any irregularities in the bids. In making this decision, the initial purchase price will be considered and the following items will also be considered.
 - a. Scheduled delivery times.
 - b. Facilities of the supplier; they must have facilities adequate to service what the sell.
 - c. Past performance of the supplier and manufacturer concerning such things as meeting scheduled delivery times and parts and service support, both before and after warranty.
 6. The latest editions of descriptive literature (picture, brochures, etc.) on all equipment the bidder proposed to furnish shall be furnished with each bid. This literature shall include a copy of all applicable standard manufacturer's warranties.

PURCHASING SPECIFICATIONS

PAGE 3

- C. GENERAL REQUIREMENTS: The following general requirements are applicable to each purchase in accordance with this specification, unless otherwise indicated on the bid sheet.
1. Selling dealer, distributor, supplier, and manufacturer shall be responsible for having complied with all Federal and State of Texas standards, regulations and laws concerning vehicles, applicable and effective on the date of manufacture, including safety, noise and emission control standards as apply to both private industry and governmental agencies. This also includes compliance with applicable OSHA requirements indicated in FMVSS No. 108 and Texas Uniform Act Regulating Traffic on Highways. A State Inspection must be included.
 2. Quantities, color, mounting and other requirements for lamps signals and reflectors, on the vehicles described herein, must meet the requirements indicated in FMVSS No. 108 and Texas Uniform Act Regulating on Highways.
 3. **Do not place decals or markings of any type pertaining to advertisement other than trademarks or model designation normally installed by manufacturer on equipment delivered.**
 4. Speedometer drive train must be properly calibrated in relation to axle ratio and tire size to give accurate readings.
 5. Vehicles shall be equipped with steel disc type wheels. RH5 Deg. two piece center locking rim will not be acceptable. Spoke wheels are not acceptable.
 6. All tires shall be new and the tread style furnished shall be the tire manufacturer's standard design for original equipment line of tire, **unless otherwise specified on the bid sheet**. All tires and wheels shall be properly balanced prior to delivery. All tires on each vehicle will be the same design, size, and load range rating.
 7. Only the factory applied paint will be acceptable. Sectional painting necessary to repair shipping damage is acceptable; however, any other repainting to meet the specification is not acceptable, unless prior approval, in writing, is obtained. Unless otherwise specified, bodies and equipment mounted onto a truck cab and chassis shall have the final coat of paint to match the cab and chassis.
 8. The term "Heavy Duty" as used in this specification shall mean that the item to which the term is applied shall exceed the usual quantity, quality, or capacity supplied with standard production vehicles, and it shall be able to withstand unusual strain, exposure, temperature, wear and use.
 9. All vehicles, including all accessory equipment furnished under this specification, shall be new, the latest model in current production, and shall be in of good quality workmanship and material. The bidder represents that all units offered under this specification shall meet or exceed the minimum requirements specified for each vehicle series listed herein. All like units shall be equipped with the same components throughout. Vehicles that have been driven more that 200 miles at the time of delivery to the original destination point will not be considered new units and will not be

acceptable without prior written approval.

10. At time of delivery, the successful bidder shall furnish the Authority a manufacturer's certificate of origin, and a manufacturer's new vehicle warranty of each unit. The warranty will be at least the same as the offered to commercial trade and shall be honored by any of the manufacturer's authorized dealers. Warranties shall also be supplied covering all accessory equipment and bodies supplied by the vehicle dealer. All warranties shall be effective the date of delivery of the vehicles to the Authority's Kingsville Facilities. Each vehicle shall have a Texas Department of Public Safety inspection sticker attached prior to delivery. All vehicles must be delivered to 2302 E. Sage Road, Kingsville, Texas.
 11. All vehicles shall be completely assembled, serviced, adjusted, clean and all standard equipment, and specified options shall be installed and the unit made ready for continuous, heavy duty service. Servicing includes the anti-freeze in the cooling system, a thorough condition and specification compliance inspection shall be made by the servicing dealer. Where feasible, an Authority representative may desire to conduct an acceptance inspection at the delivery dealer's facility. All items omitted from the specifications, including manufacturers standard equipment items, and accessory equipment and bodies supplied by the vehicle dealer which are clearly necessary for the complete operation of the vehicle shall be considered a requirement although not directly specified in this specification.
 12. Concurrent to delivery of equipment, the items listed below shall be supplied for each different type of size of vehicle and accessory equipment installed or furnished. Required literature must be delivered with the vehicles and normal delivery cannot be accepted until all items listed are supplied.
 - a. Operating and Servicing (owner's) Manual in written form; one copy of each per vehicle.
 - b. Shop overhaul, part, and repair manuals to cover all components and systems; one copy of each per type and model of vehicle.
 13. Upon receipt, each vehicle shall be inspected for condition and specification compliance by an Authority representative prior to acceptance. If a unit has to be rejected for any reason, the selling dealer shall be required to pick up the vehicle, accomplish necessary repairs, and return the vehicle to the Authority.
- D. ADDITIONAL REQUIREMENTS: In addition to the requirements in the Specification Sheet and the general requirement in Paragraph C, the vehicle to be supplied must also comply with the requirements indicated below except as changed by the Specification Sheet.
1. Cab – referred to as Supercab, Double-cab or extended cab with separate doors for front seat and back seat entry
 - a. Sun visors - Two - padded.
 - b. Seats - Bench type, with foam cushioned seat and back, covered with standard

PURCHASING SPECIFICATIONS

PAGE 5

truck vinyl material or stained resistant cloth, for three people. Seats shall be equipped with seat belts for three persons.

2. Mirror - Standard truck mirrors, chrome, polished aluminum or may be same as truck color.
 3. Engine:
 - a. Cooling system - minimum size and capacity offered by manufacturer for 8 cylinder gasoline engine with a towing package.
 4. Chassis:
 - a. Brakes - heavy duty, largest capacity and lining available. Standing parking brake.
 - b. Shock absorbers - heavy duty, front and rear.
 - c. Steering - power assist.
 - d. Springs - to meet or exceed GVWR.
 - e. Transmission - Automatic.
 - f. Front bumper
 - g. Tires - should a conflict between tire and GVWR specifications exist, the GVWR will take precedence and the larger sized tire will be used. All tires to be steel belted radials. Tubeless.
 - h. Wheels - all wheels shall be steel disc type wheels.
- E. Contractor agrees to indemnify, save harmless and defend the Authority, its agents, servants, and employees, and each of them against and hold it and them harmless from any and all lawsuits, claims, demands, liabilities, losses or expends, including court costs and attorney fees, for or account of any injury to any person, or any death at any time resulting from such injury, or any damage to any property, which may arise or which may be alleged to have arisen out of or in connection with the bid process, delivery or preparation of the vehicle covered by this contract. The foregoing indemnity shall apply except if such injury, death or damage is caused directly by the negligence or other fault of the Authority, its agents, servants, or employees or any other person indemnified hereunder.

AUTOS

How the GM strike could affect your next car purchase

The longer the strike drags on, the fewer choices buyers may have, as the most popular configurations of GM vehicles could sell out first.



General Motors employees strike outside the Flint Assembly Plant in Michigan on Sept. 16, 2019.

Jake May / The Flint Journal via AP

Sept. 16, 2019, 9:15 AM CDT

By Paul A. Eisenstein

Nearly 50,000 members of the United Auto Workers Union walked out at General Motors overnight, a day after the union's contract with the largest of the Detroit automakers expired.

The walkout followed months of unsuccessful negotiations that appeared to center around the issues of plant closings and U.S. investment, as much as traditional issues such as wages and benefits. The discussions were complicated by several external factors, including [a federal investigation into union corruption](#), and the ongoing pressure GM has faced from President Donald Trump over plant closings.

How long the strike might last is far from certain, with the daylong delay in the walkout suggesting both sides hoped to head off a confrontation. Also uncertain is the impact the first strike against GM since 2007 will have on potential buyers of GM products. The automaker pushed production in the weeks leading up to the Saturday night contract deadline, hoping to have enough product in showrooms to weather at least a short-term confrontation.

GM has enough inventory on the ground so as not to hinder sales in the short run.

"If a strike occurs, GM has enough inventory on the ground so as not to hinder sales in the short run," said Cox Automotive analyst Michelle Krebs, shortly before the strike began.

Ironically, August new car sales were strong, at least briefly reversing the downward trend the industry had faced earlier in the year. That trimmed overall industry inventories to their lowest levels in three years, said Krebs. Even so, data from Cox indicated GM has about a 77-day supply of cars, trucks and crossovers, compared to the industry norm of 61.

Perhaps more significant is the fact that its inventory of light trucks stands at around 80 days. But that varies by model. There are 93 days of inventory for the popular Chevrolet Silverado pickup, for example, but inventory stands at only 57 days for the Chevy Tahoe SUV.

And the longer the strike drags on, the fewer choices buyers may have as the most popular configurations of GM vehicles could sell out first.

Further complicating matters, the International Brotherhood of Teamsters on Sunday announced it will not transport GM vehicles while the UAW remains on strike, stranding some products at factory lots.

“Teamsters and the UAW have a decadeslong relationship of having each other’s back,” said the trucker union’s president Jim Hoffa.

The walkout by the UAW comes at a challenging time for both GM and the union.

On Aug. 28, federal agents raided the home of Auto Workers Union President Gary Jones, as well as the homes of his predecessor, Dennis Williams, and others linked to the union. That move escalated an ongoing probe into corruption that has already seen a number of union officials, along with executives from Fiat Chrysler and GM, plead guilty.

Evidence has suggested that UAW officials took bribes, at least in part, to go easy during previous rounds of contract talks. With workers openly voicing not only their anger but also questioning whether their negotiators will deliver this time around, union representatives are under extreme pressure to come up with a substantial win at the bargaining table, according to Krebs and other analysts.

But GM faces pressure of its own. The company has downsized since Mary Barra became its CEO in January 2014, among other things leaving the unprofitable European market. In November, it announced plans to close three North American assembly plants, including two in the U.S. The Lordstown, Ohio, factory producing the Chevrolet Cruze sedan is already shuttered, and another plant in Detroit producing multiple vehicle lines is expected to close next year.

The restructuring at GM has reduced its UAW workforce to just over 49,000, a fraction of the more than 600,000 union members toiling at its American plants in the 1960s and 1970s – and far fewer workers than at Ford and FCA plants.

Trump has repeatedly hammered the company for its strategy, tweeting on Aug. 30: “General Motors, which was once the Giant of Detroit, is now one of the smallest auto manufacturers there. They moved major plants to China, BEFORE I CAME INTO OFFICE. This was done despite the saving help given them by the USA. Now they should start moving back to America again?”

Barra subsequently met with Trump at the White House, though the specifics of their conversation were not revealed.

However, in an unusual move, the carmaker released some of the details of its rejected offer to the UAW, and it claimed it was ready to commit to \$7 billion in U.S. investments and 5,400 jobs, as well as “best-in-class” wages and benefits and a signing bonus of \$8,000 once the contract was ratified by workers.

For his part, Terry Dittes, the UAW vice president in charge of the union's relationship with GM, said at a Sunday news conference, “We do not take this lightly,” as workers were told to prepare to strike. “This is our last resort.”

The president again weighed in Sunday, urging the two sides in a tweet to “get together and make a deal.”

Paul A. Eisenstein

Paul A. Eisenstein is an NBC News contributor who covers the auto industry.



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ATTACHMENT 21

Quote for Flow-Tronic Torpee Mag for Driscoll Booster Station

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 18, 2019
Re: Macaulay Controls Company (Macaulay) Quote – FlowTronic Torpee Mag

Background:

As the Board is aware, the TCEQ Order associated with the Enforcement Action determined that STWA's 42" waterline is a distribution line as opposed to a transmission line. And, therefore, a total chlorine residual level of 0.5 mg/l must be maintained throughout the 28-mile stretch as well as the spurline to Banquete and Agua Dulce. For approximately 30 years, the residual at Driscoll, Bishop and Kingsville was boosted prior to entering the ground storage tanks (GSTs) and the residual was checked after boosting. However, this changed during a routine 2011 TCEQ investigation (inspection). After numerous years of disputing the case including several Administrative Law Judge hearings, STWA decided to agree to the conversion of the Driscoll Booster Station from strictly chlorine injection to a chloramine station with the addition of a Liquid Ammonia Sulfate (LAS) facility. Below is a description of the *intended* operation of the modified system.

Analysis:

It is important to first note that maintaining a residual on the spurline has never been an issue due to the construction of the Central Pump Station in the 1980's. At this station the residual is boosted as it enters the GSTs then leaves the station going out to Central NWSR rural customers including the Geo Detention Center and further west to Banquete, Sablatura Park and Agua Dulce. These customers depend on this supply for 100% of their needs.

However, the demand on the 42" waterline south of FM 2826 where the spurline tees off is different with the Cities of Bishop and Kingsville using surface water for only a portion of their needs. As such, the flow on the 42" line is complicated by the larger capacity of the line and the diminished demand as compared to the original design in which all customers would purchase 100% of their needs from STWA.

The Driscoll *Chloramine* Booster Station was designed to:

- Automatically adjust the chlorine to LAS ratio – a great deal of industry research has determined that a 4 to 1 – 5 to 1 range of the ratio between chlorine and ammonia is ideal in creating monochloramines – the desired disinfectant.
- Since there is a residual arriving at the Driscoll Booster Station from the City of Corpus Christi, the system also is able to be adjusted for the Free Available Ammonia (FAA) already in the supply. It is important to note that too much FAA can lead to nitrification in a waterline. Too much chlorine (absence of any FAA) will likely cause problems with disinfection by-products with Maximum Contaminant Levels (MCLs) measured in parts per billion (ppb).
- Finally, the Driscoll Booster Station operating in automatic is intended to operate with the amount of chemicals adjusted based on the flow (demand) on the 42" waterline. Currently the flow is being measured by a magmeter with one (1) sensor that is located in the top section of the pipe. Unfortunately, and despite programming modifications to average the flow, this sensor appears to be inadequate to provide (a) accurate readings for the entire cross section of flow and (b) flows in the lower range of demand such as when the Motor Operated Valve (MOV) at the Ricardo PS #3 opens.

So, the Booster Station has been operated in a manual mode for approximately a year. Staff has been in contact with companies specializing in disinfection systems and controls. Following numerous attempts to

contact field representatives with Macaulay Controls, I contacted their main Houston office and spoke with their company president. As reported in Weekly Updates, arrangements were made to meet in Driscoll. The result is the enclosed quote for \$16,500 to replace the existing magmeter with a sensor that will extend the entire inside diameter (ID) and record flows from five (5) different locations. In addition, the device is capable of measuring flows as low as 88 gpm. At this time, there are some remaining details related to the actual insertion and wiring that will need to be worked out. Based on Barbara Luedecke's, Macaulay, latest email, it appears progress on the arrangements continues.

Without a final number for the additional work, staff can only estimate the cost of changing out the flow meter. However, staff believes this change is necessary. Shay Roalson, HDR project engineer on the Booster Station, believes this could solve the problem. David Simons, with TCEQ's TOP program, also agrees it is a worthwhile effort.

Staff Recommendation:

Funds are available in the regular Reserve Fund and this type of project is the type of expense for which the Reserves are intended. Unless the Board objects, staff will proceed with the arrangements for the installation of the FlowTronic Torpee Mag. The FY 2020 budget may have to be amended in April at the 6-month mark when the Board has historically approved budget amendments.

Board Action:

Provide feedback to staff and consultants.

Summarization:

This project has a tremendous potential to ease concerns about complying with TCEQ requirements as well as reducing field personnel man-hours as confidence increases with the system working properly in automatic.

mcserrato@stwa.org

From: Barbara Luedecke <bluedecke@macaulaycontrols.com>
Sent: Tuesday, September 17, 2019 5:21 PM
To: mcserrato@stwa.org
Cc: Armando Yruegas; 'Dony Cantu'; 'Frances Rosales'; 'Jo Ella Wagner'
Subject: RE: 42" Flowmeter

Carola,
Our field techs are very capable of a good part of the installation. I will make another visit to get more details. I plan on being in the area the end of next week. I am thinking sometime on that Thursday afternoon. The one main issue is getting the signal scaled correctly into the PLC. I feel like we can at least get it to that point.

Sincerely,

Barbara J. Luedecke
MACAULAY CONTROLS COMPANY
Austin, Texas
512-458-1148 office
512-663-5564 cell
www.macaulaycontrols.com



From: mcserrato@stwa.org <mcserrato@stwa.org>
Sent: Tuesday, September 10, 2019 10:12 AM
To: Barbara Luedecke <bluedecke@macaulaycontrols.com>
Cc: Armando Yruegas <ayruegas@stwa.org>; 'Dony Cantu' <dcantu@stwa.org>; 'Frances Rosales' <fvrosales@stwa.org>; 'Jo Ella Wagner' <jwagner@stwa.org>
Subject: RE: 42" Flowmeter

Barbara,

Thank-you for your assistance. The \$16,500 quote for the FlowTronic Torpee Mag seems reasonable. The quote including start-up assistance and programming is very helpful. And if the conversion application I used is correct, then the gpm flow would be about 87 gpm which should register the flow into the smallest pump station (Ricardo WSC's PS#3).

I briefly reviewed the information with Armando and Dony. (Armando Yruegas is our new O&M Supervisor. Dony Cantu is now our Field Supervisor. Jacob Hinojosa is no longer with STWA.) We discussed the portion of the quote that stated that STWA is responsible for the installation and electrical work. Armando, Dony and I are wondering if Macaulay has worked with any companies that specialize in this type of flowmeter installation. Also, STWA utilizes the services of an electrician for typical electric work and some more complex equipment. However, we are not sure whether this electric work would need someone with a certain type of expertise.

I will be discussing this project with the STWA Board on September 24th. Any assistance you can provide in terms of STWA hiring a company for the installation/electrical would be very much appreciated.

Thanks,

Carola

Carola G. Serrato
Executive Director

South Texas Water Authority

PO Box 1701
Kingsville, Texas 78364
361-592-9323 x112

From: Barbara Luedecke <bluedecke@macaulaycontrols.com>

Sent: Tuesday, September 10, 2019 6:13 AM

To: mcgserrato@stwa.org

Subject: 42" Flowmeter

Carola,

It was a pleasure meeting you and your staff a couple of weeks ago. I apologize for the delay on this information. Attached is a quote and brochure for a full insertion type flowmeter that could utilize the existing tap. Part of the issue is being able to read accurate flowrate. The FlowTronic Torpee Mag will pick up velocities down to .02 fps.

I will contact you later today to discuss further. Let me know if additional information is needed.

Sincerely,

Barbara J. Luedecke
MACAULAY CONTROLS COMPANY
Austin, Texas
512-458-1148 office
512-663-5564 cell
www.macaulaycontrols.com

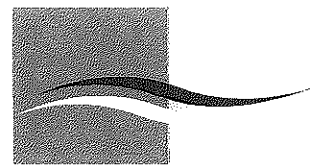
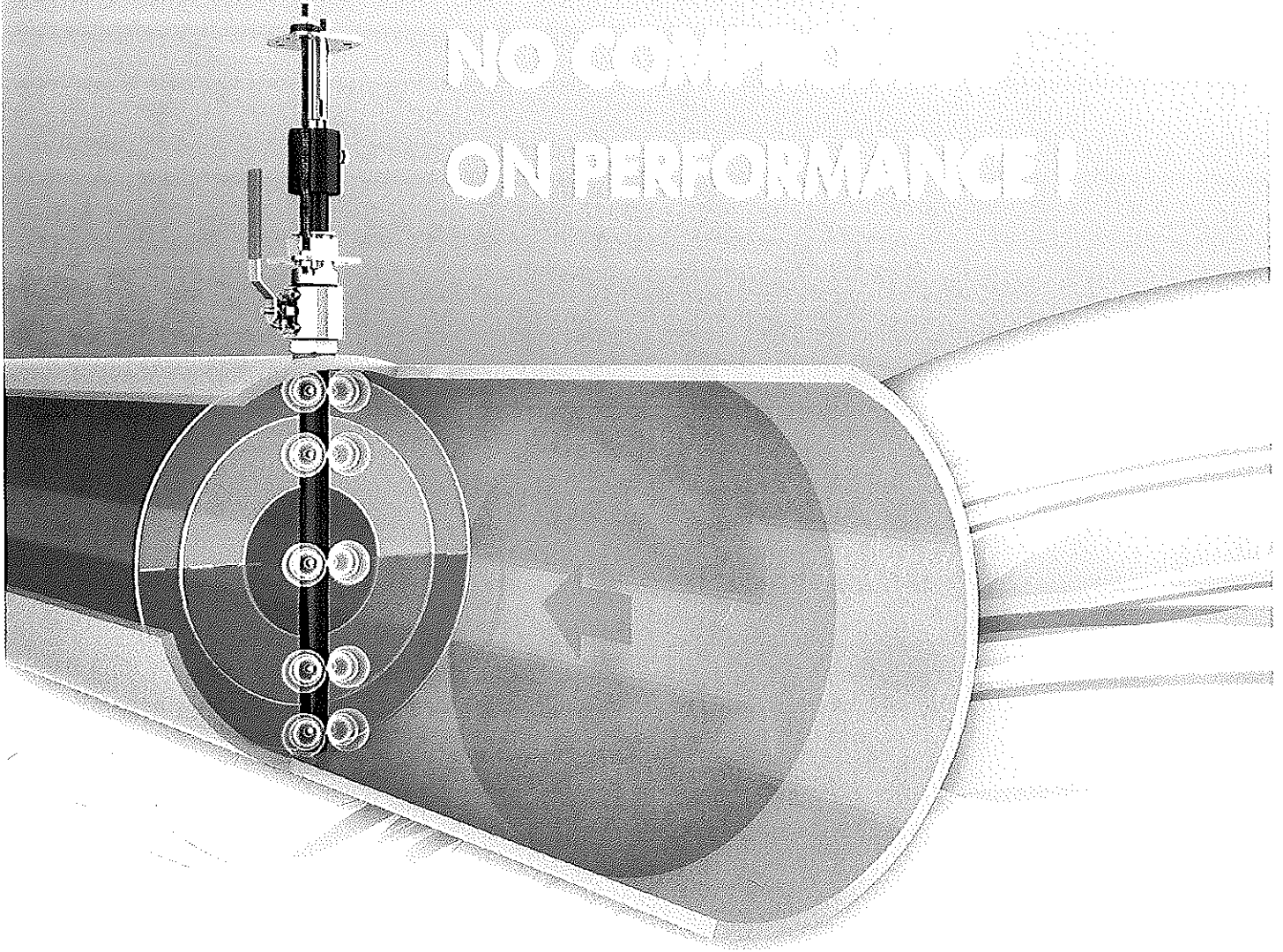


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TORPEE-MAG

FULL PIPE ELECTROMAGNETIC AVERAGING INSERTION FLOW METER

NO CONTAMINATION
ON PERFORMANCE!



FLOW-TRONIC^{SA}
NV

TORPEE-MAG

FULL PIPE ELECTROMAGNETIC AVERAGING INSERTION FLOW METER

How does it work?

The TORPEE-MAG is a hot tap full profile electromagnetic **insertion flow meter**. The measurement method is based on Faraday's Law of Electromagnetic Induction: when a conductive liquid moves through a magnetic field, it produces a voltage. The voltage is directly proportional to the velocity of the conductive medium.

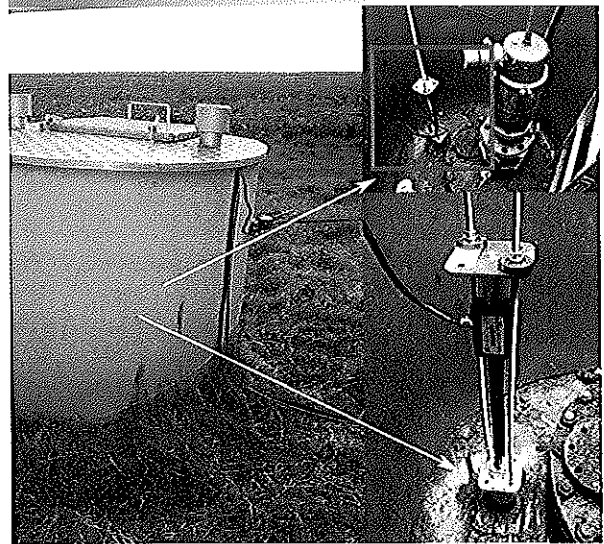
The TORPEE-MAG has multiple electrode pairs placed along the axis of the sensor at **equal area** of the pipe. The velocity measurements are averaged together providing the average velocity across the pipe. Flow is calculated by multiplying the average velocity by the cross-sectional area of the pipe.

The specific design of the multi-electrode sensor compensates for **variable flow profiles**, including swirl and turbulent conditions achieving a much higher precision than single-point flowmeters.

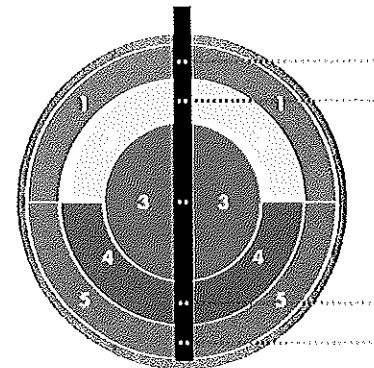
The TORPEE-MAG can be installed **without shutting down**, emptying or cutting the pipe (hot tap installation). It does not require welding flanges and installation can be done in pressurized pipelines up to 232 PSI. **Cost of installation is largely reduced** by eliminating the need for heavy equipment (cranes, etc.) or extensive manpower. The TORPEE-MAG is the most economical flow metering solution for medium and large pipe sensor sizes.

The TORPEE-MAG fits in confined spaces, can be submerged and offers complete accessibility. It can be removed from pipes under pressure for **easy inspection, cleaning, calibration or verification** and reinstalled without process interruption. It is particularly cost-effective for retrofit applications.

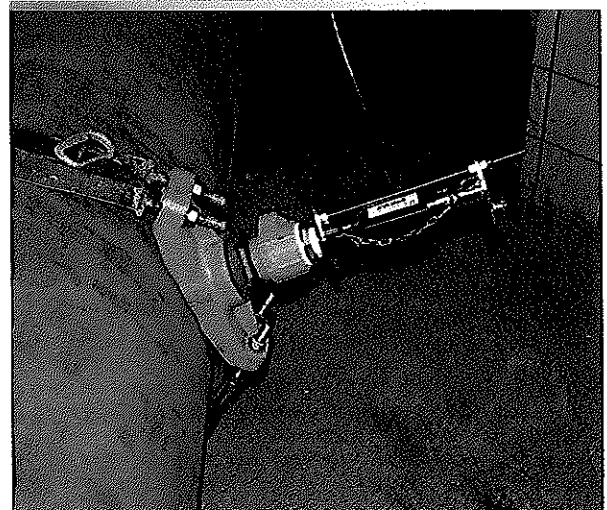
The maximum number of coils and electrodes will depend on the pipe inside diameter: the bigger the pipe diameter, the more electrodes will be placed along the sensor.



Electrodes repartition on equal areasv



$$(3 = 1 = 2 = 4 = 5)$$



Technical specifications

TORPEE-MAG 1.5" or 2" and converter

General

Size	TORPEE-MAG 1.5" from 4" to 60" (inner Ø) – 2 to 5 electrodes TORPEE-MAG 2" from 20" to 98" (inner Ø) – 5 to 7 electrodes
Weight	Depending on size of sensor
Materials	Robust sensor body: 316 stainless steel, fiberglass derivate, carbon Insertion hardware: 316 stainless steel Compression seal: silicone rubber (EPDM) Sensor electrodes: graphite
Cable lengths	Available from 33 ft to 328 ft
Protection	IP68/NEMA 6P (sensor is submersible)
Certifications	CE, WRAS (pending)
Process connection	Min. 1.89" clear diameter for 2" TORPEE-MAG Min. 1.42" mm clear diameter for 1.5" TORPEE-MAG
Sensor length	Depending on inner pipe Ø and connection accessories
Connection to sensor	Separate (converter connected with cable to sensor)
Warranty	2 years

Velocity Measurement

Method	Electromagnetic
Range	- 19.68 to +19.68 ft/s (max. velocity possible depending from pipe Ø and sensor type)
Accuracy	±0.5% of reading ± zero stability
Zero stability	±0.003 ft/s

Operating conditions

Fluid	Drinking water or raw water
Min. conductivity	5 µmho/cm
Flow direction	Forward flow and bidirectional as an option
Operating pressure	Max. 232 PSI
Fluid temperature limits	14°F (not freezing) to +140°F at 232 PSI

Converter information

Mounting	Separate
Protection	IP67/NEMA 6
Display	White on blue backlit LCD 128 x 64 pixels 2 programmable displays: Real-time display: indicates flow & velocity: Totalizer display: user selectable units
Outputs	4-20 mA: galvanically isolated Pulse/Alarm: Two programmable functions (pulses/alarms) Pulse output for flow rate or external totalizer. Alarm output for forward or backward flow detection, min./max. flow Outputs are isolated and protected transistor switch capable of sinking < 250 mA at < 35 V
Communication	Modbus protocol over RS485 interface (optional)
Power supply	DC: 10 to 35 VDC
Operating temperature	-4°F to +140°F

Technical data contained in this brochure are subject to change without prior notice, indicative only and not binding.

Applications

Municipal Water

- Raw intake water
- Plant process
 - Chemical Pacing
 - Filter Balancing
 - Plant Balancing
 - Backwashing
- Plant process
 - Billing
 - Storage Management
 - Pump Station Management

Retrofit Applications

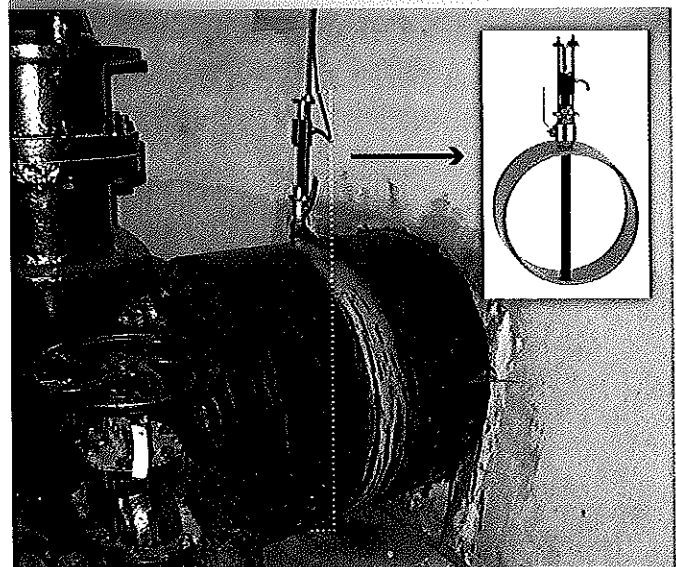
- Replacement of unsatisfactory flow meters such as pitot tube, propeller, single point velocity meter, differential pressure meter, full bore mag meters...

Industrial Applications

- Cooling Water
- Chilled Water
- Power Plants

Other Applications

- Raw river
- Process control
- Portable water mains
- Subsea applications
- Non-ragging effluent
- Large diameter pipework
- Special designs to fit inside pipes without external access
- Replacement of spool pieces without interrupting flow



Main benefits

- Cost effective due to reduced costs of installation
- Accurate
- Easy to install
- Robust construction (no moving parts, carbon fiber reinforced body)
- No site calibration needed (compared to Single Point Insertion flow meters where a calibration is needed)
- No flow interruption
- Accurate at low flow rates
- Insertion and removal under pressure (hot tapping)
- Ideal solution for retrofit applications



FLOW-TRONIC nv

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www.flow-tronic.com



Manufacturers Representatives Since 1965
 MACAULAY IS A CERTIFIED WBE COMPANY

QUOTE

TO: South Texas Water Authority
 Carola Serrato

QUOTE NO: 1-190909S-BL
 JOB ID: 42" Distribution Flow
 DELIVERY: 6-8 Weeks ARO
 DATE: 9/9/19
 QUOTED BY: B. Luedecke
 EFFECTIVE DATE: 60 DAYS
 FOB POINT: FACTORY
 FREIGHT: PREPAY/ADD TO INVOICE
 TERMS: NET 30 DAYS

ITEM	QTY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	1	<p>Flowmeter</p> <p>42" Flow-Tronic Torpee Mag, 1.5" sensor, full profile electromagnetic insertion flow meter, IP-68/NEMA 6P, 12-48 VDC with 120 VAC power supply, 4-20 mA output, 99' sensor cable without disconnect.</p> <p>Includes start-up assistance and programming.</p> <p>Price per item no. 1</p> <p>Note: Installation by owner. Electrical by owner.</p>	<p>\$16,500.00 net</p>	<p>\$16,500.00 net</p>



Manufacturers Representatives Since 1965
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QUOTE

QUOTATION TERMS AND CONDITIONS

TERMS: ALL OPEN ACCOUNTS WHICH ARE PAST DUE WILL BE CHARGED 1-1/2% OF THE PAST DUE BALANCE PER MONTH (18% PER ANNUM). ORDERS ENTERED ON THIS QUOTATION NUMBER MUST CONFORM TO THE PRICE, TERMS AND CONDITIONS SHOWN AND REFER TO THE QUOTATION NUMBER. MATERIALS OFFERED ARE BASED ON OUR BEST UNDERSTANDING OF YOUR SPECIFICATIONS AND SUBJECT TO THE CONDITIONS PRINTED BELOW.

- QUOTATION IS BASED ON CURRENT LABOR AND MATERIAL COSTS AND IS SUBJECT TO CURRENT PRICING POLICIES OF THE MANUFACTURER.
- ALL ORDERS PLACED FOR ITEMS INCLUDED IN THIS QUOTATION ARE SUBJECT TO FINAL ACCEPTANCE BY THE MANUFACTURER. PURCHASER SHALL BE DEEMED TO HAVE ACCEPTED THESE CONDITIONS UPON (1) PLACING AN ORDER OR (2) MANUFACTURER BEGINNING PRODUCTION FOR THE MATERIALS COVERED BY THIS QUOTATION.
- QUOTATION WILL REMAIN IN EFFECT FOR THE SPECIFIED TIME, AND AFTER THIS EXPIRATION DATE, ALL PRICING AND DISCOUNTS QUOTED ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- DELIVERY ASSURANCE AS QUOTED HEREIN IS NOT GUARANTEED AND IS BASED ON FACTORY'S MATERIAL SUPPLIERS' ABILITIES TO MAINTAIN SCHEDULES. ALSO, DELIVERY IS SUBJECT TO STRIKES, ACCIDENTS, OR OTHER UNAVOIDABLE DELAYS BEYOND THE MANUFACTURERS CONTROL. WE ASSUME NO LIABILITY FOR DELAYS IN SHIPMENT OF MATERIALS AS COVERED BY THIS QUOTATION.
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- UNLESS OTHERWISE INDICATED, ALL PRICES QUOTED DO NOT INCLUDE ANY TAX-ASSESSMENT OR CHARGE UPON THE MANUFACTURER'S PRODUCTION, SALES AND/OR SHIPMENT OF SAID PRODUCTS, NOW OR HEREAFTER IMPOSED BY FEDERAL, STATE, MUNICIPAL, AND/OR OTHER GOVERNMENTAL AUTHORITY. ANY SUCH TAX, OR CHARGE AFORESAID WILL BE CHARGED TO THE PURCHASER'S ACCOUNT IN ACCORDANCE WITH THE STATUTORY OR OTHER REQUIREMENTS RELATING THERETO.
- ALL NEW PRODUCTS HAVE LIMITED WARRANTIES IN ACCORDANCE WITH THE MANUFACTURER'S GUARANTEES, WARRANTIES, OR POLICIES. ANY REPLACEMENT OF DEFECTIVE MATERIAL, OR MATERIALS, WILL BE MADE IN ACCORDANCE WITH SUCH GUARANTEE OR WARRANTY POLICIES BUT, IN ANY CASE, RESPONSIBILITY ENDS WITH THE REPLACEMENT OF THE DEFECTIVE PART, OR PARTS AND NO RESPONSIBILITY WILL BE ASSUMED FOR UNAUTHORIZED REPAIR OR REPLACEMENT OF SAID PRODUCT. ALSO, NO LIABILITY, NOR ANY EXPENSE WILL BE INCURRED DUE TO FAILURE OF SAID PRODUCT EXCEPTING REPLACEMENT OF THE DEFECTIVE PART, OR PARTS, BY THE MANUFACTURER, ANY SUCH RETURN SHIPMENTS ARE THEN SUBJECT TO MANUFACTURER'S POLICIES AND PARAGRAPH 7 HEREOF.
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- COMMERCIAL, OR SPECIAL EXPORT CRATING, OR SPECIAL BOXING OR CRATING FOR DOMESTIC SHIPMENT, WILL BE ADDED TO REGULARLY QUOTED PRICES, UNLESS OTHER INDICATED IN THIS QUOTATION.
- EXTRA OR SPECIAL CHARGES IMPOSED BY THE MANUFACTURER, AND NOT COVERED BY THIS QUOTATION, ARE TO BE COVERED BY SUPPLEMENTAL QUOTATIONS IN ACCORDANCE WITH PARAGRAPH 2 HEREOF, OR SUCH EXTRA PRICES, WHEN NOT COVERED BY A FORMAL WRITTEN QUOTATION, TO BE ACCEPTED BY WRITTEN CONSENT OF PURCHASER.
- ALL ORDERS ACCEPTED BY MANUFACTURER AS A RESULT OF THIS QUOTATION ARE TO INCORPORATE OUR PRICE TERMS & CONDITIONS AS A PART OF THE ORDER BY REFERENCE TO OUR QUOTATION NUMBER. IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT ALL DISPUTES THAT ARISE FROM THIS QUOTATION AND/OR ANY RESULTANT ORDERS ARE TO BE LITIGATED IN HARRIS COUNTY, TEXAS USA.
- ORDERS ENTERED TO US FOR PRODUCTS OR MATERIALS FOR CONSTRUCTION UNDER THE TERMS OF MILLER, MCGREGOR OR HARDEMAN BONDING ACTS, ARE TO BE BOUND WITH 100% PAYMENT AND PERFORMANCE BONDS UNLESS SPECIFICALLY WAIVED IN WRITING BY MANUFACTURER.

Page 2 of 2

Macaulay Controls Company
www.macaulaycontrols.com
(800) 299.1148

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Register (https://pigsunlimited.com/register.php)



Making the world a cleaner place...
One pipeline at a time.[™] (https://pigsunlimited.com/index.php)



PIGGING FORMULAS

Home (index.php) // Pigging Formulas (pigging-formulas.php) // Velocity, in feet per second (fps) to Gallons per Minute(gpm)

Velocity, In Feet Per Second (Fps) To Gallons Per Minute(Gpm)

Internal Pipe Diameter (i.d.): 42 inches
Velocity in Feet per Second (fps): .02 fps

CALCULATE

RESET

The result is: **86.44 gpm**

Note : This formula is used for converting velocity, in feet per second (fps) to gallons per minute within a given pipe diameter. This can be used in verifying pig speed and required volume of liquid propellant.

Disclaimer: The above formula is based on knowledge and calculations believed to be reliable. However, since the use of this formula is beyond our control, no guarantee or warranty expressed or implied, is made as to such use or effects incidental to such use or the results obtained. Therefore, we expressly disclaim all responsibility. It is customer's sole responsibility to take precautions in applying the above formula, and customer accepts all risks of its use. In no event will Pigs Unlimited, Inc. be liable to any party for any direct, indirect, special or consequential damages for the use of this or any other formula.



ATTACHMENT 22

Review of Corpus Christi Rate Model

Memorandum

To: South Texas Water Authority Board of Directors
From: Carola G. Serrato, Executive Director
Date: September 19, 2019
Re: NewGen Strategies (NewGen) Findings on the City of Corpus Christi Annual Rate "true-up" and Rate Model

Background:

In the last memo, staff updated the Board on the status of NewGen's services to review the annual information provided by the City of Corpus Christi related to the Settlement Agreement "true-up" and Rate Model calculations. It was anticipated that a few more questions and responses would be needed before Mr. Chris Ekrut's review would be complete. Enclosed are the latest emails to/from NewGen and the City. Also enclosed are Mr. Ekrut's findings.

Analysis:

As you can see from Mr. Ekrut's summary, the rates proposed to be charged by the City beginning January 1, 2020 are believed to be in compliance with the Settlement Agreement. Mr. Ekrut recommends, however, that certain expenses should be carefully reviewed in the future to ensure that the City's future rates adhere to the Agreement. The summary specifically mentions personnel and the expansion of the City's Utility Department Building. In addition, use of the reserve fund from the 5-cent resource charge should be regularly examined including utilizing the funds for studies associated with Aquifer Storage and Recovery (ASR) and desalination. He further advises STWA examine any future projects from the perspective of whether STWA receives any direct benefit from the new water supply.

Staff Recommendation:

Provide feedback to staff and our consultant.

Board Action:

Determine if any additional action is needed.

Summarization:

Finance Manager Jo Ella Wagner and I have been pleased with the services of NewGen and in particular, Chris Ekrut. Mr. Ekrut is readily accessible, responds in a timely manner and provides information in a easy to follow but thorough format.

mcserrato@stwa.org

From: Chris Ekrot <cekrot@newgenstrategies.net>
Sent: Wednesday, September 18, 2019 11:23 AM
To: mcserrato@stwa.org; Mark Young
Subject: Final Memo Discussing Wholesale Water Rate Review
Attachments: Wholesale Water Rate Review Memo_09-18-19.pdf

Carola, Mark –

Please see attached which summarizes the wholesale water rate review for this year. As detailed in the memo, I am of the opinion that the rates proposed to be charged by Corpus are in compliance with the contractual agreements between the parties. With that said, there are a number of issues that bear additional scrutiny on a going forward basis. On review, please let me know if you have any questions or concerns.

Thanks,
Chris

Chris Ekrot | NewGen Strategies & Solutions, LLC
Chief Financial Officer
Director, Environmental Practice
275 W. Campbell | Suite 440 | Richardson, TX 75080
Office: (972) 232-2234 | Mobile: (214) 498-8132
cekrot@newgenstrategies.net
Please visit us at www.newgenstrategies.net





275 W Campbell Road
 Suite 440
 Richardson, TX 75080
 Phone: (972) 680-2000

Memorandum

To: Carola Serrato, Executive Director, South Texas Water Authority
 Mark Young, General Manager, Nueces County Water Control and Improvement District No. 4

From: Chris Ekrut, Director

Date: September 18, 2019

Re: City of Corpus Christi Wholesale Water Rate Review

NewGen Strategies & Solutions, LLC (NewGen) has completed its review of the wholesale water rates proposed to be charged by the City of Corpus Christi (City) to South Texas Water Authority (STWA) and Nueces County Water Control and Improvement District No. 4 (NCWCID No. 4) effective January 1, 2020. This review included an in-depth examination of the City’s supporting rate model, as well as several rounds of questions and answers between NewGen and the City to verify assumptions and to obtain more information.

Based on our review, NewGen is of the opinion that the rates proposed to be charged by the City to STWA and the District are in compliance with the contractual agreements between the parties. The table below illustrates the rates proposed for January 1, 2020 as compared with the current wholesale rates.

Current Versus Proposed Wholesale Water Rates

	January 1, 2019	January 1, 2020
Raw Water Rate (per 1,000 gal)	\$1.013	\$1.069
Treated Water (per 1,000 gal)		
STWA	\$1.527	\$1.465
NCWCID No. 4	2.207	2.098

Key issues to take note of based on our review are as follows:

- The City continues to include a \$0.05 per 1,000-gallon Raw Water Development Charge Reserve Fund fee within the raw water rate. The balance in this fund currently stands at an estimated \$13.7 million dollars. While the City has projects planned to be funded with these dollars, continued monitoring of these expenditures is highly recommended. NewGen is of the opinion that all raw water development capital projects should be funded with these available dollars and not included in the annual raw water rate.

NewGen would also note that some of the expenditures from this fund include Aquifer Storage and Recovery (ASR) projects as well as Seawater Desalination projects. To the extent STWA or NCWCID No. 4 are of the opinion that these projects are not of direct benefit to your specific entity insofar as the provision of future water supply, then further discussions with the City may be warranted as to

Memorandum

Ms. Carola Serrato & Mr. Mark Young

September 18, 2019

Page 2

the need to amend the allocation of raw water expenditures within the development of the raw water rate.

- The City is planning to use approximately \$400,000 in debt principal to fund repairs to the Packery Channel Water Line that was damaged in Hurricane Harvey. As we understand it, FEMA will be reimbursing approximately \$376,249.85 of this expense. When this reimbursement is received, it should be included as an offsetting revenue in future rates so as to not overcharge customers. We highly recommend future rate models be reviewed to ensure proper treatment of these funds.
- The City is still planning a utility building expansion that will house individuals who provide service to the water, wastewater, and storm water systems. The City has indicated that it intends to allocate these expenditures properly but has yet to demonstrate how this allocation process will be performed. In response to questions, the City has stated as follows:

This project has been on the list for a long time and we do not even have a preliminary design. Once we engage a firm to have designs drawn, we will provide wholesale customers a copy of the funding allocation to show how the cost will be allocated across water, wastewater, and storm water CIP funds. We understand your concern and stand by our original statement.

NewGen recommends the inclusion of this project in the rate model continue to be monitored and the City held accountable to provide the requested funding allocation.

- The City's utility budget for FY 2020 included personnel increases in multiple departments as follows:
 - Three (3) new positions in the Utilities Planning Group;
 - Three (3) new Assistant Director positions under the Utilities Director, with individuals coming from Support Services, Water Treatment, and Maintenance of Lines to fill these rolls;
 - Filling of one (1) vacant position in the Office of Environmental Programs; and,
 - Addition of two (2) full water crews, nine (9) temporary positions converted to permanent positions and seven (7) new positions) within the Water Construction Department.

In addition to the above changes, temporary workers have been added to the Utilities Planning Group. Finally, oversight of the Natural Gas System was removed from the Utilities Planning Director and a separate Director of Gas was hired that reports directly to the Assistant City Manager.

The inclusion of these additional expenses and other changes in personnel have been handled properly within the rate calculation, but these personnel changes do represent some of the larger changes in dollars year over year. NewGen recommends continued monitoring of changes in personnel expense for reasonableness and for accuracy within the calculation of rates.

NewGen appreciates the opportunity to assist STWA and NCWCID No. 4 in this review and stands ready to answer any questions which your staff or Board may have. Please feel free to contact me at 972.232.2234 or cekrut@newgenstrategies.net if any additional information is needed.

mcserrato@stwa.org

From: mcserrato@stwa.org
Sent: Monday, September 16, 2019 2:53 PM
To: 'Chris Ekrut'
Cc: 'Jo Ella Wagner'; 'Frances Rosales'
Subject: RE: Round#2: Questions from Public Agency (wholesale) customers: Updated Rate Model (8-1-19)

Thanks, Chris.

CGS

From: Chris Ekrut <cekrut@newgenstrategies.net>
Sent: Monday, September 16, 2019 2:09 PM
To: mcserrato@stwa.org
Cc: Jo Ella Wagner <jwagner@stwa.org>; Frances Rosales <fvrosales@stwa.org>
Subject: Re: Round#2: Questions from Public Agency (wholesale) customers: Updated Rate Model (8-1-19)

Carola - Yes, with Corpus response we are complete. I'm traveling today but will endeavor to get you something no later than end of business Wednesday.

Thanks,
Chris

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From: mcserrato@stwa.org <mcserrato@stwa.org>
Sent: Monday, September 16, 2019 2:11:17 PM
To: Chris Ekrut <cekrut@newgenstrategies.net>
Cc: Jo Ella Wagner <jwagner@stwa.org>; Frances Rosales <fvrosales@stwa.org>
Subject: FW: Round#2: Questions from Public Agency (wholesale) customers: Updated Rate Model (8-1-19)

Chris,

I just left a brief voice mail message about our Board meeting next Tuesday (Sep 24). I am wondering if this completes the info needed from CC. If so, will STWA get a summary of your findings? The Board packet is posted/emailed on Friday, Sep 20. It would be helpful if you could provide the information by Thursday, Sep 19. But, if necessary, we can present the information at the meeting.

Thanks,

Carola

Carola G. Serrato
Executive Director
South Texas Water Authority
PO Box 1701
Kingsville, Texas 78364
361-592-9323 x112

From: Reba George <RebaG@cctexas.com>

Sent: Monday, September 16, 2019 11:47 AM

To: Chris Ekrut (cekrut@newgenstrategies.net) <cekrut@newgenstrategies.net>

Cc: mcgserrato@stwa.org; Bill Flickinger <bflickinger@wfaustin.com>; 'Dony Cantu' <dcantu@stwa.org>; 'Frances Rosales' <fvrosales@stwa.org>; 'Jacob Hinojosa' <jhinojosa@stwa.org>; 'Jo Ella Wagner' <jwagner@stwa.org>; Mark Young <myoung@ncwcid4.org>; violetwater@aol.com; Mark Van Vleck <MarkVV@cctexas.com>; Dan Grimsbo <DanG@cctexas.com>; Lisa Aguilar [LGL] <LisaA@cctexas.com>; Miles Risley <MilesR@cctexas.com>; Constance Sanchez <ConstanceP@cctexas.com>; Martha Messer <MarthaMe@cctexas.com>; Reed, Grady <Grady.Reed@hdrinc.com>

Subject: Round#2: Questions from Public Agency (wholesale) customers: Updated Rate Model (8-1-19)

Final responses below.

=====

From: Chris Ekrut <cekrut@newgenstrategies.net>

Sent: Tuesday, September 03, 2019 10:39 AM

To: Reba George <RebaG@cctexas.com>

1. Specific to the "RWSD Trend File from Inception to FY 2019", can you explain what the transfers were for in 2017, 2016, and 2014? All the Transfers went to the same project E13063 City of CC Desalination Program. Where was this money transferred to and for what purpose? CIP Fund 4481 RW Supply Dev Chg Additionally, within the RWSD Fund, does interest on these funds accrue to the benefit of the fund? ? Yes

(Previous response) What is the current balance of the Raw Water Development Charge Reserve Fund? When are these funds anticipated to be utilized and for what purpose?

The RWDCRF current balance is \$13,778,856.88, The funds are anticipated to be utilized each year for Water Supply projects such as Desal, Aquifer Storage and Recovery and Water Supply Planning (attachment 1) What is referred to as "Attachment 1" – can this be provided? Attached. Will items 4(a) and 4(b) below be funded with these dollars? Is there an accounting summary available for this fund which shows expenditures to-date and where this money is being spent? Yes both 4a and 4b will be funded with these dollars..

2. Specific to the Utility Building Expansion Project, while I understand that the funding doesn't impact the rates as Water Fund Balance is being used to fund the project within the Test Year, I do not believe this funding is correct and reflective of past discussions with the wholesale customer group. Per the City's prior communications on the subject, "we will utilize an appropriate cost allocation plan based on shared workspace among Water, Wastewater, and Storm Water employees." How does using water fund balance reflect a proper cost allocation to wastewater and storm water? This may be worthy of a conference call between the City and the wholesale customer group to gain a better understanding of the issues. This project has been on the list for a long time and we do not even had a preliminary design. Once we engage a firm to have designs drawn, we will provide wholesale customers a copy of the funding allocation to show how the cost will be allocated across water, wastewater, and storm water CIP funds. We understand your concern and stand by our original statement.
3. Specific to the Water Supply Master Plan capital spending of \$500,000 cash funding, as this is listed as a Raw Water capital project, is it being funded with RWSD Fund monies? Yes
 - a. (Previous response) Water Supply Master Plan - \$500,000 planned cash funding. What will be studied as part of this project?

Water Supply Master Plan, The Water Supply Master Plan will support optimal operations of existing water supplies and aid in decision making for potential development of future water supply sources. Has the City already released an RFQ for this work and is it available for review? If a consultant has been selected, can you indicate which firm will be utilized? Yes, the City released an RFQ including Water

Supply Master Plan (Utilities Raw Water Master Plan/50 years) project. The RFQ document is attached for your review. Hazen and Sawyer was selected for this project.

Thanks again,
Chris

Chris Ekrut | NewGen Strategies & Solutions, LLC
Chief Financial Officer
Director, Environmental Practice
275 W. Campbell | Suite 440 | Richardson, TX 75080
Office: (972) 232-2234 | Mobile: (214) 498-8132
cekrut@newgenstrategies.net
Please visit us at www.newgenstrategies.net



ATTACHMENT 23

Grievance Policy

CHAPTER XIII

GRIEVANCES AND APPEALS

A. General

For the purposes of the STWA, a grievance is defined as a wrong, real or imagined, considered by an employee as a grounds for complaint on the basis of:

1. A policy that is unfair.
2. A deviation from or misinterpretation of an official policy.
3. An unfair application of procedures or regulations.
4. A disagreement with his/her supervisor and/or the Executive Director over a Personnel Action.
5. A grievance involving discrimination.
6. A grievance involving sexual harassment.

B. Disposition of Grievances

1. If an employee feels aggrieved as defined in Section A of this chapter, he/she shall have the right to file a grievance as outlined in the remainder of this Section and in Section C.
2. With the exception of Section A, Item 6, an employee shall first attempt to work out a grievance with his/her immediate supervisor and must submit the grievance in writing. The supervisor has ten (10) working days in which to make a decision regarding the employee's grievance. If no resolution is found, the employee may then submit his/her grievance in writing to the Executive Director who will review the matter and render a written decision within ten (10) working days of receipt of the written grievance. Said grievance will be stamped by the Administrative Assistant with the date of receipt. The Business/Risk Manager will receive a copy of the grievance in the absence of the Executive Director.
3. In the case of Section A, Item 6, (a sexual harassment grievance), an employee shall submit the grievance in writing to the Executive Director. Said grievance will be stamped with the date of receipt. The Business/Risk Manager will receive a copy of the grievance in the absence of the Executive Director. The Executive Director has ten (10) working days in which to take corrective action regarding the employee's grievance.
4. The Executive Director's decision on the matter will be final unless the appeal procedures in Section C are followed.

C. Appeals

1. An employee may appeal the Executive Director's decision on a grievance to the Executive Officers within ten (10) working days of the decision. The request for an appeal shall be submitted in writing to the Executive Director and the President of the Board of Directors, who will direct the matter to the other Officers of the Board. Upon referral of the matter to the Executive Officers, the President will schedule a committee meeting to review the appeal on its merits prior to the next regularly scheduled Board meeting.
2. The written request for an appeal should state the specific reasons and any supporting documentation for such a request. The employee may have legal counsel and shall notify the President and Executive Director if counsel is to represent him/her at the hearing. If the aggrieved employee is represented by legal counsel, the entire matter will be automatically turned over to the STWA's legal counsel. All requests shall be made by his/her counsel to the STWA's legal counsel. Furthermore, all decisions relative to variations in the disposition of the grievance shall be made by the Officers of the Board and the Chairman of the Personnel Committee with the advice of the Authority's legal counsel.
3. All appeals will be settled in the following manner:
 - a. For appeals falling under Section A, Items 1, 2, and 3 the employee must provide concrete reasons in his/her written appeal why current agency or administrative policies are unfair. The Personnel Committee's resolution of the matter will be final if the Committee upholds the Executive Director's decision. If the Committee rules in favor of the employee, they will recommend corrective actions, clarifications and/or changes to existing Authority and/or administrative policies to the Board of Directors. The Board's action on the Committee's recommendation(s) will be final.
 - b. For appeals falling under Section A, Item 4, the employee must provide concrete evidence in his/her written appeal that he/she was not given due process under the Authority's Personnel Policies (that is, opportunity and assistance in overcoming previously identified deficiencies and written reasons for the Personnel Action taken, such as dismissal or transfer).

In the absence of such evidence, the Executive Director will inform the employee requesting the appeal of his/her failure to provide adequate reasons to question the Executive Director's decision. The President of the Board (or another committee member in his/her absence) will also report the Officer's findings and recommendations to the Board of Directors.

In the presence of such evidence, the President (or another officer member in his/her absence) will present this material, other findings, and their recommended action to the Board of Directors in executive session. The employee requesting the appeal will also be given the opportunity to appear before and address the Board of Directors. The Board's resolution of the matter will be final.

- c. For appeals falling under Section A, Items 5 and 6, the employee must provide concrete evidence in his/her written appeal that he/she was not given due process under the Authority's Personnel Policies (that is, opportunity and assistance in overcoming previously identified deficiencies).

In the absence of such evidence, the Executive Director will inform the employee requesting the appeal of his/her failure to provide adequate reasons to question the Executive Director's decision. The President of the Board (or another committee member in his/her absence) will also report the Officer's findings and recommendations to the Board of Directors.

In the presence of such evidence, the President (or another officer member in his/her absence) will present this material, other findings, and their recommended action to the Board of Directors in executive session. The employee requesting the appeal will also be given the opportunity to appear before and address the Board of Directors. The Board's resolution of the matter will be final.

ATTACHMENT 24
2018 TRWA Salary Survey



Texas Rural Water Association

2018 Salary Survey Report

Texas Rural Water Association 2018 Salary Survey Report

In May 2018, TRWA distributed a revised salary survey to all our member utilities; we received 252 responses by the August 19 deadline. The responses were compiled into a database and analyzed with both Access and Microsoft Excel. Results were then re-analyzed at random to assure accuracy. In order to protect the privacy of the respondents, all surveys were destroyed prior to the publication of this report.

Enclosed are summaries of the survey data concerning salary ranges and averages. The summaries list the highest and lowest percentiles, along with the average and median number in each category. The 10th percentile represents the point at which 90 percent of the respondents answered higher and the 90th percentile represents the point at which 90 percent of the respondents answered lower. Each summary sheet provides salary information for one of the primary personnel positions and delineates the data based on the utility type, location and size. Demographic information, as well as summaries of benefits and company equipment are also provided.

We would like to extend our sincere gratitude to those who participated in this survey.

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2018 Salary Survey Response Demographics

System Ownership

No Answer	0.0%
WSC	63.49%
District	28.57%
Municipality	6.35%
Privately Owned	1.19%
Total	100.0%

Source

Ground	57.14%
Surface	17.06%
Combination	11.51%
Purchase	14.29%
Total	100.0%

Revenue % Spent on Payroll

No Answer	39
0-3%	11
3.01-9.99%	14
10-15%	16
15.01-20%	36
20.01-25%	41
25.01-30%	37
30.01-40%	39
40.01-50%	14
>50%	4
Average	24.93%
Median	24.00%
10th Percentile	7.50%
90th Percentile	40.00%

District Participation

District	Participation
1	22
2	11
3	27
4	18
5	14
6	16
7	21
8	14
9	9
10	16
11	23
12	25
13	20
14	15

Residential Meters

<500	64
500-1000	59
1001-1500	41
1501-3000	52
>3000	35
Average	1744
Median	1016
10th Percentile	179
90th Percentile	4800

Residential WW Meters

0	207
<500	22
500-1000	6
1001-1500	3
1501-3000	6
>3000	4
Average	157.18
Median	0
10th Percentile	0
90th Percentile	395

Commercial Meters

0	17
1-5	43
6-10	24
11-20	19
21-50	43
51-100	20
101-300	18
>300	7
No Answer	59
Average	86.24
Median	15
10th Percentile	1
90th Percentile	120

Commercial WW Meters

0	71
1-10	12
11-50	11
51-300	6
>300	1
No Answer	150
Average	15.32
Median	0
10th Percentile	0
90th Percentile	32

Annual Operating Budget

Average	\$1,640,815.18
Median	\$875,544
10th Percentile	\$109,200
90th Percentile	\$3,600,000

Number of FT Employees

0	29
1-3	66
4-5	40
6-10	60
11-15	20
16-20	9
21-25	6
>25	9
No Answer	11
Average	7
Median	5
10th Percentile	0
90th Percentile	15

Number of PT Employees

0	94
1-2	105
3-5	19
No Answer	29
Average	1
Median	1
10th Percentile	0
90th Percentile	2

Does the System Sell Water Wholesale?

No	190
Yes	49
No Answer	13

If Yes, % of Total Sales

<10%	18
10-50%	16
51-100%	4
No Answer	11

Does the System Treat Wholesale Wastewater?

No	209
Yes	20
No Answer	23

2018 Salary Survey

Benefits Information for Full-Time Employees

Healthcare Insurance		If Yes, Percentage Paid By Employer	
Yes	63.49%	100%	84.03%
No	27.78%	75-99%	10.42%
No Answer	8.73%	50-74%	2.08%
		<50%	3.47%
Healthcare Insurance for Dependents		If Yes, Percentage Paid By Employer	
Yes	37.30%	100%	18.68%
No	53.17%	75-99%	12.09%
Not Applicable/No Answer	9.52%	50-74%	13.19%
		<50%	48.35%
		No Answer	7.69%
Retirement Plan		If Yes, Percentage Paid By Employer	
Yes	55.95%	>50%	0.00%
No	34.13%	9.1-50%	9.22%
Not Applicable/No Answer	9.92%	6.1-9%	14.18%
		3.1-6%	21.99%
		0-3%	40.43%
		No Answer	14.18%
Dental Insurance		If Yes, Percentage Paid By Employer	
Yes	45.24%	100%	70.80%
No	44.44%	75-99%	7.08%
No Answer	10.32%	50-74%	2.65%
		<50%	10.62%
		No Answer	8.85%
Health Reimbursement Account		Health Savings Account	
Yes	9.13%	Yes	5.56%
No	80.95%	No	69.84%
No Answer	9.92%	No Answer	24.60%
Offer Other Benefits?		If Yes, Please Describe	
Yes	44.44%	Life Insurance	92.86%
No	45.24%	Short-term Disability	34.82%
N/A	10.32%	Long-term Disability	27.68%
		Flexible Spending Accounts	5.36%
		Other	16.96%
Paid Sick Leave		Days Per Year	
Yes	70.24%	no answer	11.24%
No	19.44%	1-5	16.85%
Not Applicable/No Answer	10.32%	6-9	27.53%
		10-14	41.01%
		>15	3.37%

2018 Salary Survey

Benefits Information for Full-Time Employees

Paid Holidays		Days Per Year	
Yes	78.17%	no answer	11.56%
No	11.12%	1-5	0.50%
Not Applicable/No Answer	10.71%	6-9	32.66%
		10-15	53.77%
		>15	1.51%
Paid Vacation		Days Per Year (Starting if specified)	
Yes	78.57%	no answer	11.56%
No	10.72%	1-5	24.62%
Not Applicable/No Answer	10.71%	6-10	44.22%
		11-15	16.08%
		>16	3.52%
Other Leave Days?	If Yes, Days Per Year	If Yes, Types of Leave Cited	
Yes 28.57%	1-2 37.50%	Bereavement	48.61%
No 59.92%	3-4 30.56%	Civil Leave	12.50%
N/A 11.51%	>4 9.72%	Emergency	4.17%
	As Needed 8.33%	Personal	31.94%
	Not Indicated 13.89%	Birthday	2.78%
		Other	9.72%
Paid Training		Paid Licensing Exams	
Yes	83.73%	Yes	84.92%
No	7.14%	No	6.35%
N/A/No Answer	9.13%	N/A/No Answer	8.73%
Mileage Reimbursement		Mileage Rate	
Yes	74.61%	<0.545	15.43%
No	15.87%	.545	42.55%
N/A/No Answer	9.52%	.546-.565	13.30%
		>.565	3.72%
		No Answer	25.00%
Benefits for Part Time Employees?		If Yes, are they the same?	
Yes	9.92%	Yes	52.00%
No	75.79%	No	20.00%
N/A	14.29%	N/A	28.00%

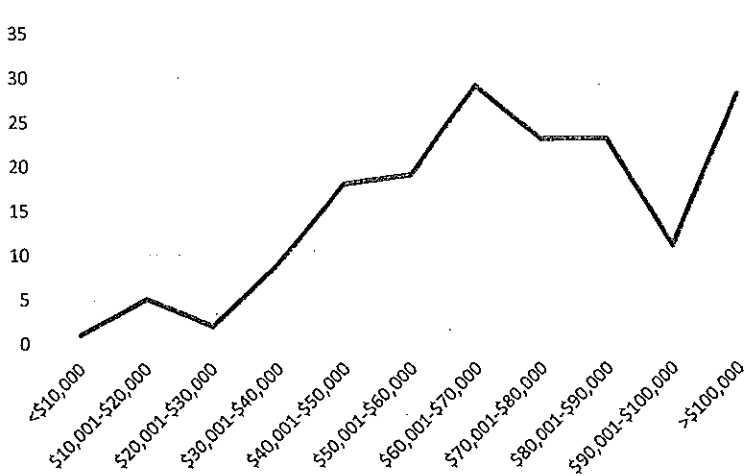
2018 Salary Survey Company Equipment

Company Vehicle Yes 71.03% No 21.83% No Answer 7.14%	If Yes, Authorized for Personal Use? Yes 13.41% No 84.36% No Answer 2.23%
Are Vehicles Clearly Marked as Utility Property? Yes 90.50% No 8.38% No Answer 1.12%	
Company Computer/Laptop/Tablet Provided Yes 48.41% No 44.05% No Answer 7.54%	If Yes, Authorized for Personal Use? Yes 34.71% No 57.03% No Answer 8.26%
Other Equipment Yes 26.59% No 59.52% No Answer 13.89%	If Yes, Equipment Cited: Cellphones/Smartphones 91.30% Tools/Maintenance Equipment 8.70% Other Technology 2.90% Other 1.45%

2018 Salary Survey General Manager / System Superintendent

	Responses	10th Percentile	90th Percentile	Average	Median
Total	168	\$39,240.00	\$112,000.00	\$82,380.79	\$70,652.00
Bonuses	76	\$500.00	\$55,546.00	\$2,550.00	\$1,707.00
Overtime	7	*	*	*	*
By District					
1&2	18	\$32,604.00	\$88,000.00	\$97,930.90	\$66,701.50
3&7	39	\$39,000.00	\$123,671.00	\$79,115.27	\$74,000.00
4&9	17	\$45,760.00	\$107,000.00	\$80,354.47	\$83,200.00
5&6	17	\$50,000.00	\$105,000.00	\$82,000.01	\$85,000.00
8&12	26	\$425,000.00	\$87,000.00	\$65,343.22	\$65,061.00
10&13	22	\$15,840.00	\$129,000.00	\$117,935.77	\$73,375.00
11&14	28	\$36,729.22	\$98,000.00	\$67,167.29	\$594,000.00
Residential Meters					
<500	26	\$14,000.00	\$105,123.00	\$52,262.42	\$41,620.50
500-1000	36	\$36,000.00	\$77,292.80	\$60,270.53	\$59,371.50
1001-1500	28	\$49,000.00	\$95,651.00	\$91,898.97	\$65,928.50
1501-3000	45	\$52,000.00	\$102,503.00	\$78,168.16	\$79,000.00
>3000	32	\$63,000.00	\$130,000.00	\$105,630.38	\$98,000.00
Type of Utility					
WSC	97	\$36,000.00	\$97,344.00	\$64,511.10	\$66,650.00
District	60	\$57,800.00	\$140,000.00	\$111,569.65	\$83,100.00
Municipality	7	*	*	*	*
Private	3	*	*	*	*

**Insufficient responses for these categories*



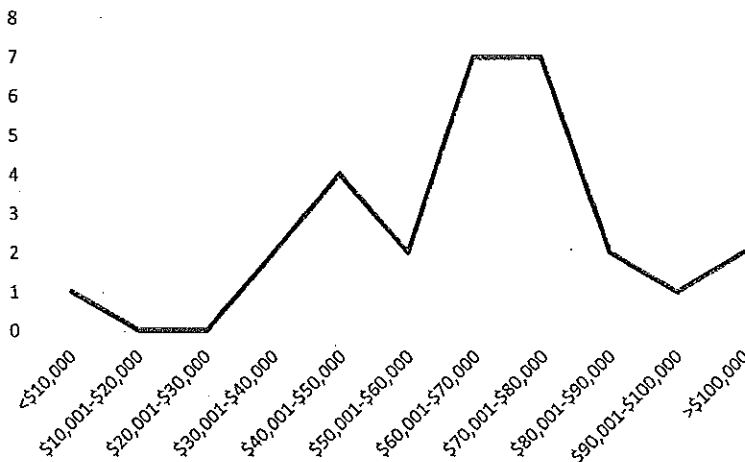
Salary Ranges	Status	Count
<\$10,000	Contract	10
\$10,001-\$20,000	Employee	160
\$20,001-\$30,000	N/A	1
\$30,001-\$40,000		
\$40,001-\$50,000	Full time	147
\$50,001-\$60,000	Part time	6
\$60,001-\$70,000	N/A	15
\$70,001-\$80,000		
\$80,001-\$90,000		
\$90,001-\$100,000		
>\$100,000		

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer	A	20	6	No Answer	No Answer
High School/GED	B	25	6	0-2	0-5
Associate's Degree	C	73	11	3-5	5.5-10
Bachelor's Degree	D	12	0	6-10	10.5-15
Graduate Degree	None	3	4	10-20	15.5-20
	No Answer	35	141	>20	20.5-30
					>30

2018 Salary Survey Assistant General Manager

	Responses	10th Percentile	90th Percentile	Average	Median
Total	29	\$37,000.00	\$98,000.00	\$67,772.22	\$67,500.00
Bonuses	13	\$100.00	\$5,200.00	\$2,225.00	\$1,346.00
Overtime	4	*	*	*	*
By District					
1&2	4	*	*	*	*
3&7	5	*	*	*	*
4&9	4	*	*	*	*
5&6	4	*	*	*	*
8&12	5	*	*	*	*
10&13	4	*	*	*	*
11&14	3	*	*	*	*
Residential Meters					
<500	2	*	*	*	*
500-1000	2	*	*	*	*
1001-1500	2	*	*	*	*
1501-3000	6	*	*	*	*
>3000	17	\$46,500.00	\$98,000.00	\$77,386.95	\$75,000.00
Type of Utility					
WSC	14	\$35,353.00	\$85,000.00	\$58,527.00	\$61,360.00
District	12	\$37,000.00	\$81,000.00	\$71,598.67	\$75,313.00
Municipality	2	*	*	*	*
Private	1	*	*	*	*

**Insufficient responses for these categories*



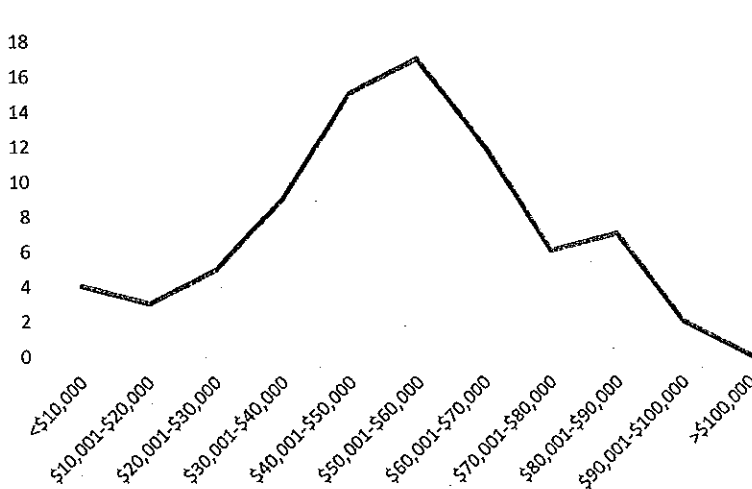
Salary Ranges		Status	
<\$10,000	1	Contract	2
\$10,001-\$20,000	0	Employee	27
\$20,001-\$30,000	0	N/A	0
\$30,001-\$40,000	2	Full time	29
\$40,001-\$50,000	4	Part time	0
\$50,001-\$60,000	2	N/A	0
\$60,001-\$70,000	7		
\$70,001-\$80,000	7		
\$80,001-\$90,000	2		
\$90,001-\$100,000	1		
>\$100,000	2		

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer 17.23%	A 1	2	No Answer 13.79%	No Answer 10.34%	
High School/GED 48.28%	B 9	1	0-2 13.79%	0-5 13.79%	
Associate's Degree 6.90%	C 11	1	3-5 24.14%	5.5-10 17.24%	
Bachelor's Degree 24.14%	D 0	0	6-10 20.69%	0.5-15 20.69%	
Graduate Degree 3.45%	None 0	1	11-20 20.69%	5.5-20 24.14%	
	No Answer 8	24	>20 6.90%	20.5-30 10.34%	
				>30 3.45%	

2018 Salary Survey Manager / Operator

	Responses	10th Percentile	90th Percentile	Average	Median
Total	80	\$21,756.00	\$81,000.00	\$52,042.52	\$53,155.00
Bonuses	30	\$350.00	\$2,700.00	\$1,203.86	\$765.00
Overtime	14	\$500.00	\$16,000.00	\$7,082.95	\$6,048.00
By District					
1&2	14	\$11,000.00	\$61,589.00	\$41,887.64	\$39,905.50
3&7	16	\$32,250.00	\$79,397.00	\$54,608.00	\$49,366.00
4&9	8	*	*	*	*
5&6	11	\$19,200.00	\$84,000.00	\$63,213.64	\$67,000.00
8&12	9	*	*	*	*
10&13	10	\$9,600.00	\$82,800.00	\$54,360.00	\$53,834.50
11&14	12	\$5,400.00	\$75,000.00	\$49,785.92	\$50,258.00
Residential Meters					
<500	25	\$9,600.00	\$75,000.00	\$37,010.22	\$35,028.00
500-1000	15	\$33,000.00	\$80,000.00	\$56,054.33	\$57,200.00
1001-1500	14	\$26,000.00	\$63,107.00	\$51,127.00	\$53,400.00
1501-3000	11	\$41,662.00	\$67,400.00	\$59,531.36	\$58,128.00
>3000	15	\$36,108.00	\$93,000.00	\$68,446.88	\$67,000.00
Type of Utility					
WSC	49	\$21,756.00	\$70,257.00	\$49,262.94	\$50,000.00
District	23	\$22,635.00	\$81,411.20	\$62,279.00	\$64,500.00
Municipality	7	*	*	*	*
Private	2	*	*	*	*

*Insufficient responses for these categories



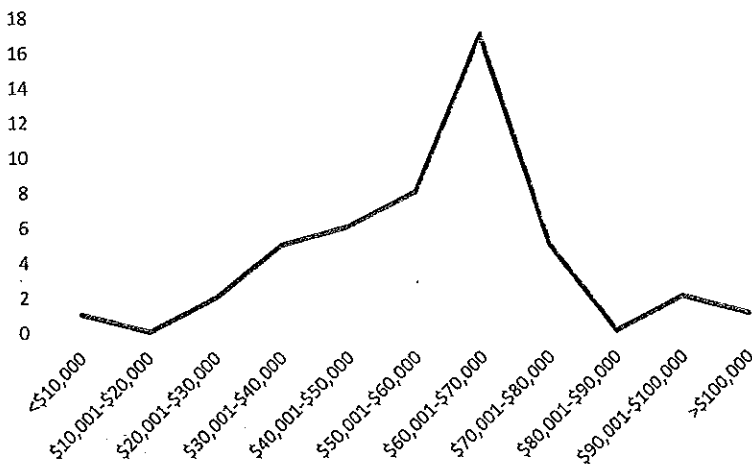
Salary Ranges	Count	Status	Count
<\$10,000	4	Contract	13
\$10,001-\$20,000	3	Employee	72
\$20,001-\$30,000	5	N/A	0
\$30,001-\$40,000	9		
\$40,001-\$50,000	15	Full time	64
\$50,001-\$60,000	17	Part time	8
\$60,001-\$70,000	12	N/A	13
\$70,001-\$80,000	6		
\$80,001-\$90,000	7		
\$90,001-\$100,000	2		
>\$100,000	0		

Education	Percentage	License	W	WW	Number Supervised	Percentage	Experience (in years)	Percentage
No Answer	20.00%	A	6	4	No Answer	24.71%	No Answer	8.24%
High School/GED	52.94%	B	9	6	0-2	32.94%	0-5	8.24%
Associate's Degree	17.65%	C	55	9	3-5	22.35%	5.5-10	20.00%
Bachelor's Degree	7.06%	D	5	1	6-10	10.59%	10.5-15	16.47%
Graduate Degree	2.35%	None	0	3	11-20	7.06%	15.5-20	21.18%
		No Answer	10	62	>20	2.35%	20.5-30	16.47%
							>30	9.41%

2018 Salary Survey Plant Manager / Plant Superintendent

	Responses	10th Percentile	90th Percentile	Average	Median
Total	48	\$32,196.00	\$75,800.00	\$61,142.88	\$62,000.00
Bonuses	17	\$500.00	\$2,550.00	\$1,157.31	\$1,000.00
Overtime	11	\$1,000.00	\$20,379.12	\$8,897.40	\$6,884.00
By District					
1&2	5	*	*	*	*
3&7	11	\$31,200.00	\$71,000.00	\$60,363.91	\$61,256.00
4&9	5	*	*	*	*
5&6	9	*	*	*	*
8&12	5	*	*	*	*
10&13	7	*	*	*	*
11&14	6	*	*	*	*
Residential Meters					
<500	9	*	*	*	*
500-1000	4	*	*	*	*
1001-1500	1	*	*	*	*
1501-3000	10	\$36,920.00	\$69,581.00	\$56,054.20	\$54,135.00
>3000	23	\$37,918.00	\$75,800.00	\$61,275.48	\$65,000.00
Type of Utility					
WSC	16	\$32,196.00	\$68,230.00	\$55,349.94	\$60,330.00
District	24	\$42,000.00	\$71,400.00	\$58,718.17	\$62,000.00
Municipality	6	*	*	*	*
Private	1	*	*	*	*

**Insufficient responses for these categories*



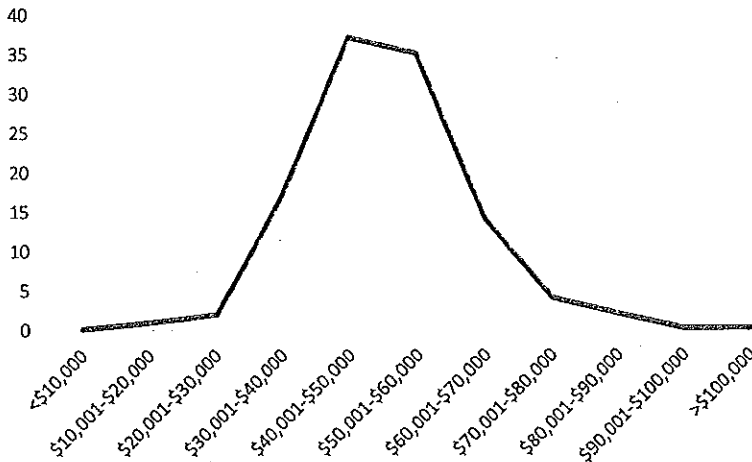
Salary Ranges	Status	Count
<\$10,000	Contract	0
\$10,001-\$20,000	Employee	48
\$20,001-\$30,000	N/A	0
\$30,001-\$40,000		
\$40,001-\$50,000	Full time	44
\$50,001-\$60,000	Part time	0
\$60,001-\$70,000	N/A	4
\$70,001-\$80,000		
\$80,001-\$90,000		
\$90,001-\$100,000		
>\$100,000		

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer	A	8	4	No Answer	No Answer
High School/GED	B	16	5	14.58%	6.25%
Associate's Degree	C	19	3	27.09%	12.50%
Bachelor's Degree	D	2	2	33.33%	5.5-10
	None	0	0	10.41%	10.5-15
	No Answer	3	34	14.58%	15.5-20
					20.5-30
					>30

2018 Salary Survey Lead Operator / Field Manager

	Responses	10th Percentile	90th Percentile	Average	Median
Total	112	\$35,000.00	\$66,040.00	\$50,453.61	\$49,960.00
Bonuses	42	\$450.00	\$3100.00	\$1580.83	\$1000.00
Overtime	39	\$1,644.00	\$15,000.00	\$6,983.07	\$4,252.00
By District					
1&2	11	\$20,358.00	\$55,000.00	\$44,950.00	\$49,570.00
3&7	22	\$34,000.00	\$65,000.00	\$50,723.95	\$49,150.00
4&9	13	\$35,713.00	\$73,831.00	\$58,410.15	\$56,750.00
5&6	16	\$38,000.00	\$59,280.00	\$53,421.05	\$55,000.00
8&12	17	\$34,500.00	\$51,100.00	\$45,344.76	\$43,680.00
10&13	17	\$32,000.00	\$60,590.00	\$49,734.68	\$52,800.00
11&14	16	\$37,000.00	\$63,648.00	\$50,625.25	\$52,010.00
Residential Meters					
<500	11	\$11,862.00	\$56,750.00	\$41,240.69	\$41,300.00
500-1000	13	\$20,358.00	\$62,648.00	\$47,159.57	\$43,368.00
1001-1500	24	\$30,500.00	\$64,500.00	\$47,619.72	\$46,190.50
1501-3000	34	\$37,700.00	\$59,280.00	\$50,954.54	\$51,030.00
>3000	30	\$41,000.00	\$70,252.00	\$56,958.51	\$56,095.00
Type of Utility					
WSC	59	\$34,500.00	\$64,500.00	\$50,141.94	\$50,000.00
District	45	\$40,400.00	\$66,456.00	\$51,867.05	\$49,570.00
Municipality	6	*	*	*	*
Private	2	*	*	*	*

*Insufficient responses for these categories



Salary Ranges		Status	
<\$10,000	0	Contract	0
\$10,001-\$20,000	1	Employee	112
\$20,001-\$30,000	2	N/A	0
\$30,001-\$40,000	17		
\$40,001-\$50,000	37	Full time	99
\$50,001-\$60,000	35	Part time	3
\$60,001-\$70,000	14	N/A	10
\$70,001-\$80,000	4		
\$80,001-\$90,000	2		
\$90,001-\$100,000	0		
>\$100,000	0		

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer 16.07%	A 7	4	No Answer 16.96%	No Answer 7.14%	
High School/GED 73.21%	B 16	8	0-2 29.46%	0-5 8.93%	
Associate's Degree 5.36%	C 76	10	3-5 31.25%	5.5-10 25.00%	
Bachelor's Degree 5.36%	D 5	2	6-10 16.07%	10.5-15 16.96%	
	None 0	1	11-20 5.36%	15.5-20 18.75%	
	No Answer 8	87	>20 0.89%	20.5-30 17.86%	
				>30 5.36%	

2018 Salary Survey Plant Operator

	Responses	10th Percentile	90th Percentile	Average	Median
Total Full-time	63	\$31,000.00	\$54,080.00	\$41,503.69	\$40,000.00
Total Part-time	12	\$4,392.00	\$30,000.00	\$17,069.08	\$11,400.00
Bonuses	24	\$340.00	\$2,800.00	\$1,269.38	\$870.00
Overtime	25	\$1,000.00	\$16,952.00	\$6,110.21	\$4,000.00

By District

1&2	8	*	*	*	*
3&7	9	*	*	*	*
4&9	12	\$30,000.00	\$54,080.00	\$42,014.25	\$41,200.00
5&6	14	\$31,000.00	\$57,000.00	\$43,574.22	\$40,500.00
8&12	9	*	*	*	*
10&13	14	\$7,860.00	\$52,000.00	\$35,267.26	\$36,596.00
11&14	9	*	*	*	*

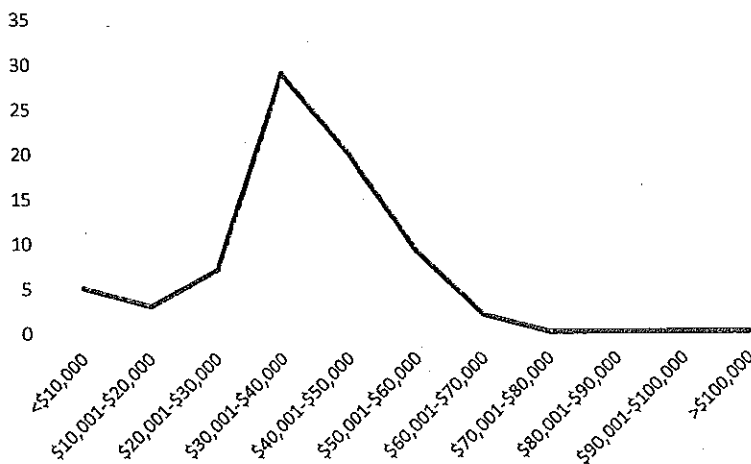
Residential Meters

<500	15	\$3,829.00	\$44,591.00	\$25,693.47	\$33,477.12
500-1000	12	\$4,392.00	\$54,000.00	\$36,910.58	\$35,160.00
1001-1500	11	\$20,000.00	\$52,000.00	\$35,869.69	\$35,089.60
1501-3000	13	\$31,000.00	\$57,000.00	\$43,891.15	\$41,000.00
>3000	24	\$30,300.00	\$55,000.00	\$42,753.38	\$40,955.00

Type of Utility

WSC	45	\$10,800.00	\$55,099.00	\$35,910.07	\$36,792.00
District	23	\$31,000.00	\$50,200.00	\$41,214.94	\$41,000.00
Municipality	8	*	*	*	*
Private	0	*	*	*	*

**Insufficient responses for these categories*



Salary Ranges	Status
<\$10,000	5 Contract 5
\$10,001-\$20,000	3 Employee 70
\$20,001-\$30,000	7 N/A 0
\$30,001-\$40,000	29 Full-time 63
\$40,001-\$50,000	20 Part-time 12
\$50,001-\$60,000	9 N/A 0
\$60,001-\$70,000	2 N/A 0
\$70,001-\$80,000	0 If PT, hrs/wk
\$80,001-\$90,000	0 0-10 4
\$90,001-\$100,000	0 11-20 2
>\$100,000	0 21-30 1
	31-40 0
	n/a 5

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer 18.67%	A 2	0	0	No Answer 49.33%	No Answer 6.67%
High School/GED 69.33%	B 14	4	4	0-2 44.00%	0-5 36.00%
Associate's Degree 5.33%	C 42	7	7	3-5 5.33%	5.5-10 21.33%
Bachelor's Degree 6.67%	D 8	2	2	6-10 0.00%	10.5-15 14.67%
	None 0	2	2	11-20 1.33%	15.5-20 9.33%
	No Answer 9	42	42	>20 0.00%	20.5-30 10.67%
					>30 1.33%

2018 Salary Survey Distribution of Field Operator

	Responses	10th Percentile	90th Percentile	Average	Median
Total	135	\$26,208.00	\$50,000.00	\$38,260.20	\$39,208.00
Bonuses	45	\$500.00	\$9,900.00	\$4,682.29	\$4,000.00
Overtime	56	\$470.00	\$2,000.00	\$1,149.26	\$895.00

By District

District	Responses	10th Percentile	90th Percentile	Average	Median
1&2	10	\$22,942.00	\$45,600.00	\$35,979.72	\$35,324.00
3&7	31	\$18,000.00	\$45,000.00	\$35,597.35	\$38,000.00
4&9	15	\$35,050.00	\$51,000.00	\$42,505.40	\$41,600.00
5&6	16	\$20,500.00	\$54,500.00	\$38,737.21	\$36,500.00
8&12	20	\$24,000.00	\$47,250.00	\$37,230.59	\$37,074.50
10&13	16	\$29,556.80	\$48,325.00	\$38,217.30	\$39,936.00
11&14	26	\$29,000.00	\$47,195.00	\$37,636.39	\$40,620.00

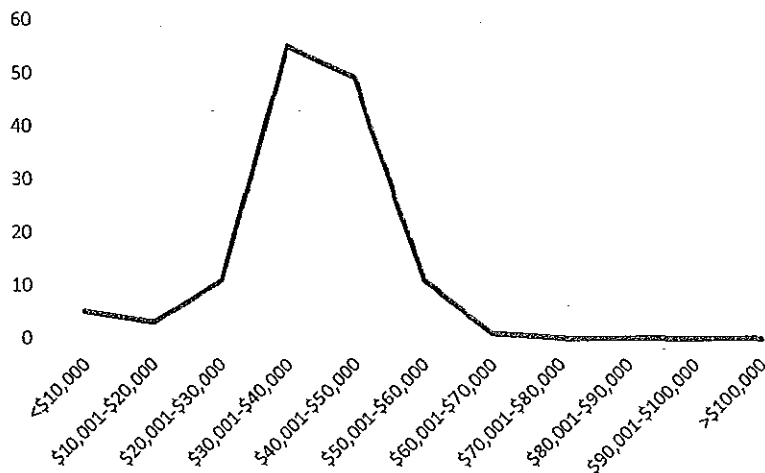
Residential Meters

Meter Range	Responses	10th Percentile	90th Percentile	Average	Median
<500	9	*	*	*	*
500-1000	17	\$22,942.00	\$49,920.00	\$36,713.23	\$35,600.00
1001-1500	32	\$3,380.00	\$47,250.00	\$33,851.59	\$36,628.50
1501-3000	45	\$32,500.00	\$47,840.00	\$39,829.67	\$39,938.00
>3000	31	\$32,240.00	\$50,000.00	\$40,719.74	\$41,330.00

Type of Utility

Utility Type	Responses	10th Percentile	90th Percentile	Average	Median
WSC	79	\$24,000.00	\$50,000.00	\$36,904.00	\$37,749.00
District	49	\$29,556.80	\$49,000.00	\$38,999.35	\$50,560.00
Municipality	5	*	*	*	*
Private	1	*	*	*	*

*Insufficient responses for these categories



Salary Ranges

<\$10,000	5
\$10,001-\$20,000	3
\$20,001-\$30,000	11
\$30,001-\$40,000	55
\$40,001-\$50,000	49
\$50,001-\$60,000	11
\$60,001-\$70,000	1
\$70,001-\$80,000	0
\$80,001-\$90,000	0
\$90,001-\$100,000	0
>\$100,000	0

Status

Contract	2
Employee	131
N/A	3
Full-time	121
Part-time	6
N/A	9

Education

No Answer	14.81%
High School/GED	77.04%
Associate's Degree	7.41%
Bachelor's Degree	0.74%

License

License	W	WW
A	2	0
B	6	2
C	94	12
D	18	2
None	0	1
No Answer	15	118

W

2
6
94
18
0
15

WW

0
2
12
2
1
118

Number Supervised

No Answer	52.59%
0-2	41.48%
3-5	2.96%
6-10	2.22%
11-20	0.00%
>20	0.74%

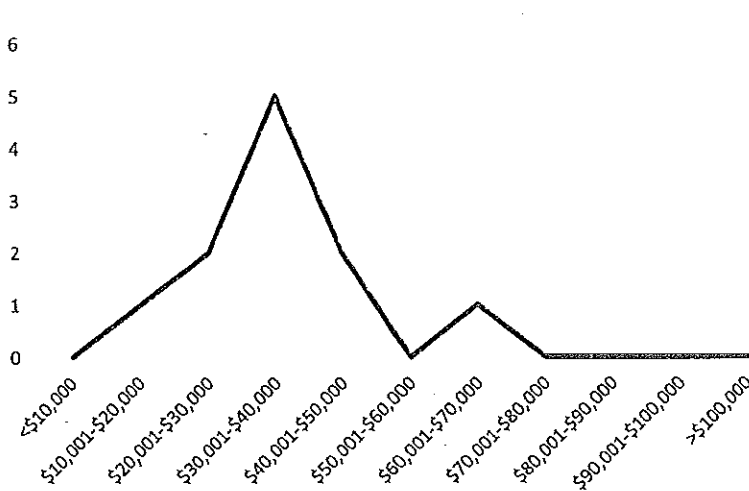
Experience (in years)

No Answer	10.37%
0-5	37.04%
5.5-10	25.19%
10.5-15	12.59%
15.5-20	7.41%
20.5-30	6.66%
>30	0.74%

2018 Salary Survey Wastewater Collections Operator

	Responses	10th Percentile	90th Percentile	Average	Median
Total	11	\$14,400.00	\$45,000.00	\$34,009.18	\$31,200.00
Bonuses	1	*	*	*	*
Overtime	5	*	*	*	*
By District					
1&2	2	*	*	*	*
3&7	3	*	*	*	*
4&9	1	*	*	*	*
5&6	1	*	*	*	*
8&12	1	*	*	*	*
10&13	4	*	*	*	*
11&14	0	*	*	*	*
Residential Meters					
<500	2	*	*	*	*
500-1000	1	*	*	*	*
1001-1500	0	*	*	*	*
1501-3000	0	*	*	*	*
>3000	9	*	*	*	*
Type of Utility					
WSC	2	*	*	*	*
District	6	*	*	*	*
Municipality	3	*	*	*	*
Private	1	*	*	*	*

**Insufficient responses for these categories*



Salary Ranges	Status
<\$10,000	0 Contract 2
\$10,001-\$20,000	1 Employee 9
\$20,001-\$30,000	2 N/A 0
\$30,001-\$40,000	5 Full-time 9
\$40,001-\$50,000	2 Part-time 2
\$50,001-\$60,000	0 N/A 0
\$60,001-\$70,000	1
\$70,001-\$80,000	0
\$80,001-\$90,000	0
\$90,001-\$100,000	0
>\$100,000	0

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer	A	0	0	No Answer	45.45%
High School/GED	B	1	1	0-2	36.36%
	C	3	5	3-5	9.09%
	D	2	2	6-10	9.09%
	None	0	0		
	No Answer	5	3		
					No Answer 9.09%
					0-5 54.54%
					5.5-10 27.27%
					10.5-15 0.00%
					15.5-20 9.09%

2018 Salary Survey Maintenance Technician

	Responses	10th Percentile	90th Percentile	Average	Median
Total	53	\$7,200.00	\$48,800.00	\$33,052.42	\$33,000.00
Bonuses	18	\$150.00	\$2,300.00	\$1,269.57	\$755.00
Overtime	14	\$571.00	\$9,597.00	\$4,016.00	\$2,676.00

By District

District	Responses	10th Percentile	90th Percentile	Average	Median
1&2	5	*	*	*	*
3&7	8	*	*	*	*
4&9	10	\$7,040.00	\$37,128.00	\$32,034.50	\$34,000.00
5&6	12	\$3,150.00	\$48,560.00	\$30,003.50	\$36,000.00
8&12	5	*	*	*	*
10&13	7	*	*	*	*
11&14	6	*	*	*	*

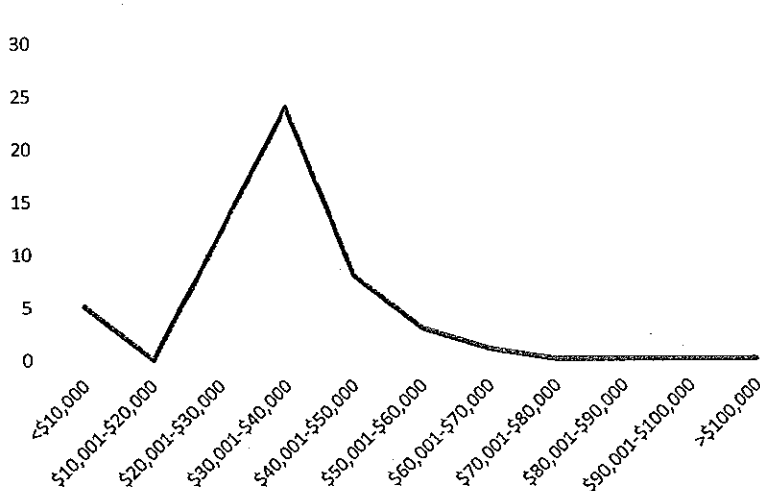
Residential Meters

Meters	Responses	10th Percentile	90th Percentile	Average	Median
<500	6	*	*	*	*
500-1000	9	*	*	*	*
1001-1500	3	*	*	*	*
1501-3000	17	\$22,380.00	\$38,000.00	\$33,631.94	\$32,900.00
>3000	18	\$31,000.00	\$48,800.00	\$38,972.61	\$35,856.00

Type of Utility

Utility Type	Responses	10th Percentile	90th Percentile	Average	Median
WSC	30	\$3,600.00	\$49,552.00	\$30,612.03	\$31,600.00
District	20	\$27,700.00	\$46,000.00	\$36,674.00	\$35,700.00
Municipality	2	*	*	*	*
Private	1	*	*	*	*

**Insufficient responses for these categories*



Salary Ranges

Salary Range	Responses
<\$10,000	5
\$10,001-\$20,000	0
\$20,001-\$30,000	12
\$30,001-\$40,000	24
\$40,001-\$50,000	8
\$50,001-\$60,000	3
\$60,001-\$70,000	1
\$70,001-\$80,000	0
\$80,001-\$90,000	0
\$90,001-\$100,000	0
>\$100,000	0

Status

Status	Count
Contract	4
Employee	49
N/A	0
Full-time	42
Part-time	5
N/A	6

Education

Education Level	Percentage
No Answer	20.75%
High School/GED	66.04%
Associate's Degree	9.43%
Bachelor's Degree	3.77%

License

License	W	WW
A	1	0
B	0	1
C	18	4
D	8	0
None	0	0
No Answer	26	48

Number Supervised

Number Supervised	Percentage
No Answer	49.06%
0-2	43.39%
3-5	7.55%

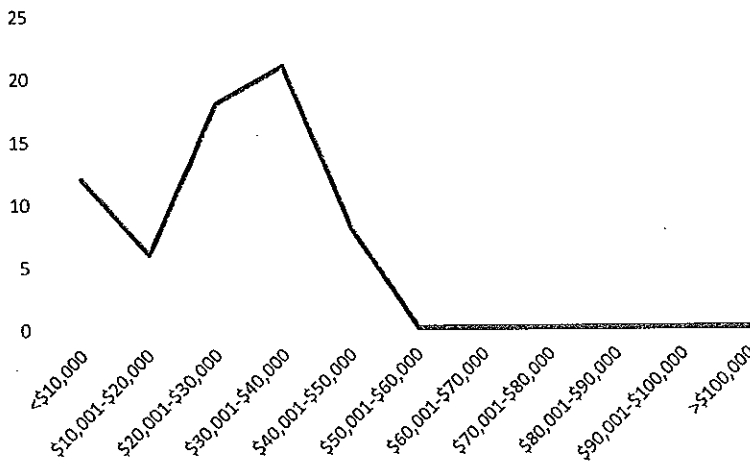
Experience (in years)

Experience Range	Percentage
No Answer	13.21%
0-5	47.17%
5.5-10	20.75%
10.5-15	7.55%
15.5-20	3.77%
20.5-30	3.77%
>30	3.77%

2018 Salary Survey Meter Reader

	Responses	10th Percentile	90th Percentile	Average	Median
Total Full-time	49	\$20,500.00	\$44,213.00	\$31,923.00	\$32,000.00
Total Part-time	17	\$1,500.00	\$15,600.00	\$7,972.88	\$5,412.00
Bonuses	22	\$250.00	\$1,575.00	\$976.23	\$910.00
Overtime	21	\$450.00	\$13,185.45	\$5,019.22	\$2,341.00
By District					
1&2	9	*	*	*	*
3&7	12	\$1,560.00	\$44,213.00	\$28,240.25	\$32,830.00
4&9	9	*	*	*	*
5&6	9	*	*	*	*
8&12	8	*	*	*	*
10&13	10	\$3,360.00	\$37,190.00	\$28,340.80	\$31,600.00
11&14	9	*	*	*	*
Residential Meters					
<500	9	*	*	*	*
500-1000	11	\$5,000.00	\$39,900.00	\$17,192.36	\$12,000.00
1001-1500	6	*	*	*	*
1501-3000	14	\$9,100.00	\$39,332.00	\$27,752.64	\$27,020.00
>3000	26	\$25,700.00	\$45,000.00	\$34,145.46	\$33,660.00
Type of Utility					
WSC	36	\$3,360.00	\$39,000.00	\$22,448.75	\$25,263.00
District	23	\$10,400.00	\$45,000.00	\$32,004.00	\$32,048.00
Municipality	6	*	*	*	*
Private	1	*	*	*	*

*Insufficient responses for these categories



Salary Ranges	Status
<\$10,000	Contract 13
\$10,001-\$20,000	Employee 51
\$20,001-\$30,000	N/A 2
\$30,001-\$40,000	
\$40,001-\$50,000	Full time 43
\$50,001-\$60,000	Part time 17
\$60,001-\$70,000	N/A 6
\$70,001-\$80,000	
\$80,001-\$90,000	If PT, hrs/wk
\$90,001-\$100,000	0-10 7
>\$100,000	11-20 3
	21-30 2
	31-40 0
	n/a 5

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer 25.76%	A	0	0	No Answer 53.03%	No Answer 9.09%
Less than HS 1.52%	B	0	0	0-2 43.94%	0-5 42.42%
High School/GED 69.70%	C	16	1	3-5 1.52%	5.5-10 25.76%
Associate's Degree 3.03%	D	8	3	6-10 1.52%	10.5-15 10.60%
	None	5	2		15.5-20 6.06%
	No Answer	37	60		20.5-30 6.06%

2018 Salary Survey Laborer / Utility Service Worker

	Responses	10th Percentile	90th Percentile	Average	Median
Total	75	\$19,000.00	\$38,500.00	\$28,588.86	\$29,120.00
Bonuses	21	\$100.00	\$2,200.00	\$819.86	\$500.00
Overtime	24	\$200.00	\$7,000.00	\$3,477.50	\$2,606.50

By District

District	Responses	10th Percentile	90th Percentile	Average	Median
1&2	8	*	*	*	*
3&7	20	\$21,840.00	\$36,400.00	\$30,099.10	\$31,460.00
4&9	7	*	*	*	*
5&6	11	\$13,000.00	\$43,300.00	\$28,034.55	\$27,020.00
8&12	9	*	*	*	*
10&13	11	\$18,720.00	\$44,304.00	\$28,727.64	\$25,000.00
11&14	9	*	*	*	*

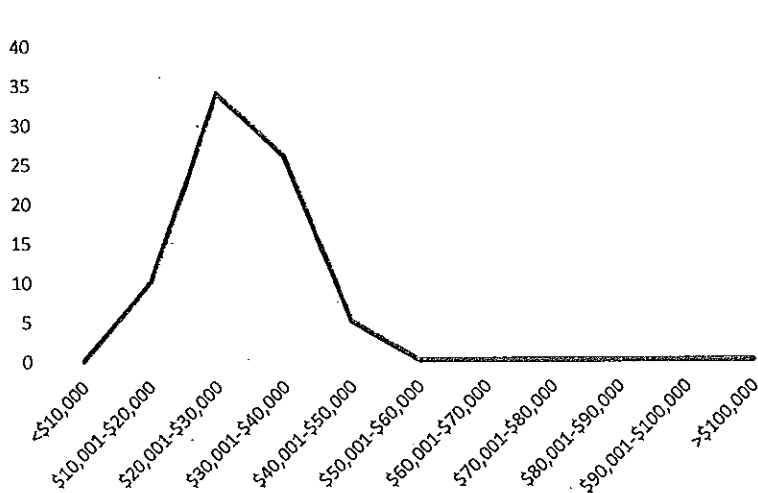
Residential Meters

Meters	Responses	10th Percentile	90th Percentile	Average	Median
<500	8	*	*	*	*
500-1000	7	*	*	*	*
1001-1500	11	\$18,720.00	\$32,000.00	\$26,846.27	\$29,561.00
1501-3000	25	\$14,000.00	\$39,700.00	\$28,401.60	\$28,000.00
>3000	25	\$21,840.00	\$43,300.00	\$31,738.12	\$32,032.00

Type of Utility

Type	Responses	10th Percentile	90th Percentile	Average	Median
WSC	31	\$14,000.00	\$37,400.00	\$27,181.29	\$27,000.00
District	37	\$19,000.00	\$38,500.00	\$29,977.59	\$31,200.00
Municipality	6	*	*	*	*
Private	1	*	*	*	*

**Insufficient responses for these categories*



Salary Ranges

<\$10,000	0
\$10,001-\$20,000	10
\$20,001-\$30,000	34
\$30,001-\$40,000	26
\$40,001-\$50,000	5
\$50,001-\$60,000	0
\$60,001-\$70,000	0
\$70,001-\$80,000	0
\$80,001-\$90,000	0
\$90,001-\$100,000	0
>\$100,000	0

Status

Contract	2
Employee	73
N/A	2
Full-time	65
Part-time	7
N/A	5

Education

No Answer	25.33%
Less than HS	1.33%
High School/GED	72.00%
Associate's Degree	1.33%

License

License	W	WW
A	0	0
B	0	0
C	10	0
D	18	8
None	2	0
No Answer	45	67

Number Supervised

No Answer	57.33%
0-2	42.67%

Experience (in years)

No Answer	13.33%
0-5	69.33%
5.5-10	8.00%
10.5-15	4.00%
15.5-20	2.67%
20.5-30	1.33%
>30	1.33%

2018 Salary Survey Office Manager

	Responses	10th Percentile	90th Percentile	Average	Median
Total Full-time	139	\$29,700.00	\$63,895.00	\$45,360.41	\$43,576.00
Total Part-time	24	\$7,200.00	\$29,509.00	\$19,126.40	\$19,576.00
Bonuses	74	\$350.00	\$2,000.00	\$1,228.14	\$954.00
Overtime	19	\$250.00	\$4,000.00	\$2,130.47	\$1,500.00

By District

District	Responses	10th Percentile	90th Percentile	Average	Median
1&2	17	\$10,145.00	\$54,937.88	\$38,247.90	\$38,000.00
3&7	36	\$23,452.63	\$62,088.00	\$41,576.74	\$40,997.00
4&9	17	\$35,000.00	\$60,000.00	\$48,223.41	\$49,900.00
5&6	22	\$21,060.00	\$66,713.00	\$48,192.22	\$50,000.00
8&12	25	\$24,000.00	\$63,895.00	\$40,747.11	\$37,670.00
10&13	19	\$14,400.00	\$72,333.00	\$45,203.00	\$42,000.00
11&14	26	\$10,056.00	\$45,000.00	\$31,733.23	\$32,006.00

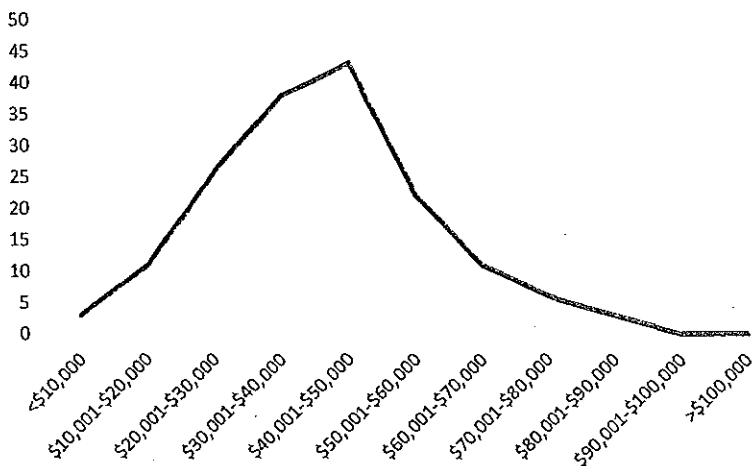
Residential Meters

Meters	Responses	10th Percentile	90th Percentile	Average	Median
<500	27	\$96,000.00	\$42,000.00	\$26,081.29	\$26,800.00
500-1000	36	\$19,152.00	\$42,461.00	\$31,754.00	\$31,119.00
1001-1500	29	\$26,000.00	\$47,700.00	\$39,647.58	\$41,014.74
1501-3000	40	\$36,000.00	\$60,250.00	\$48,810.19	\$49,500.00
>3000	30	\$44,000.00	\$79,100.00	\$59,335.90	\$58,000.00

Type of Utility

Utility Type	Responses	10th Percentile	90th Percentile	Average	Median
WSC	96	\$22,240.00	\$60,000.00	\$39,289.02	\$36,500.00
District	53	\$22,800.00	\$66,500.00	\$47,357.14	\$46,000.00
Municipality	11	\$11,520.00	\$54,937.88	\$34,707.08	\$28,000.00
Private	2	*	*	*	*

**Insufficient responses for these categories*



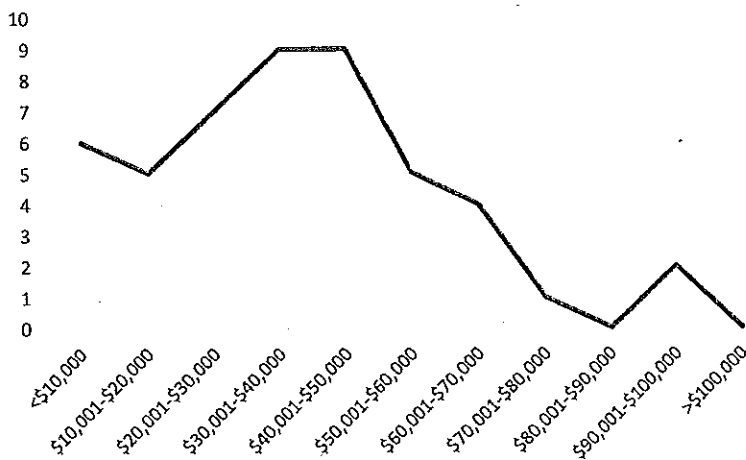
Salary Ranges	Count	Status	Count
<\$10,000	3	Contract	4
\$10,001-\$20,000	11	Employee	159
\$20,001-\$30,000	26	N/A	0
\$30,001-\$40,000	38		
\$40,001-\$50,000	43	Full-time	128
\$50,001-\$60,000	22	Part-time	24
\$60,001-\$70,000	11	N/A	11
\$70,001-\$80,000	6		
\$80,001-\$90,000	3	If PT, hrs/wk	
\$90,001-\$100,000	0	0-10	1
>\$100,000	0	11-20	13
		21-30	8
		31-40	1
		n/a	1

Education	Percentage	License	W	WW	Number Supervised	Percentage	Experience (in years)	Percentage
No Answer	14.02%	A	0	0	No Answer	28.05%	No Answer	5.49%
Less than HS	0.61%	B	1	0	0-2	54.88%	0-5	25.61%
High School/GED	41.46%	C	7	0	3-5	12.80%	5.5-10	17.68%
Associate's Degree	26.22%	D	9	1	6-10	4.27%	10.5-15	10.98%
Bachelor's Degree	17.07%	None	4	4			15.5-20	17.07%
Graduate Degree	0.61%	No Answer	106	158			20.5-30	14.63%
							>30	8.54%

2018 Salary Survey Bookkeeper

	Responses	10th Percentile	90th Percentile	Average	Median
Total Full-time	36	\$27,300.00	\$67,000.00	\$46,731.79	\$42,400.00
Total Part-time	12	\$4,500.00	\$20,500.00	\$12,759.25	\$13,900.00
Bonuses	17	\$100.00	\$1,500.00	\$773.00	\$600.00
Overtime	5	*	*	*	*
By District					
1&2	6	*	*	*	*
3&7	12	\$5,400.00	\$93,417.00	\$45,413.67	\$40,400.00
4&9	5	*	*	*	*
5&6	10	\$18,000.00	\$67,000.00	\$77,133.70	\$46,610.00
8&12	4	*	*	*	*
10&13	7	*	*	*	*
11&14	5	*	*	*	*
Residential Meters					
<500	12	\$4,800.00	\$67,520.00	\$28,784.95	\$25,440.04
500-1000	7	*	*	*	*
1001-1500	6	*	*	*	*
1501-3000	8	*	*	*	*
>3000	16	\$37,400.00	\$67,000.00	\$54,125.50	\$50,225.00
Type of Utility					
WSC	31	\$5,400.00	\$53,066.00	\$29,917.58	\$29,248.08
District	15	\$37,400.00	\$78,000.00	\$51,935.00	\$47,000.00
Municipality	2	*	*	*	*
Private	0	*	*	*	*

*Insufficient responses for these categories



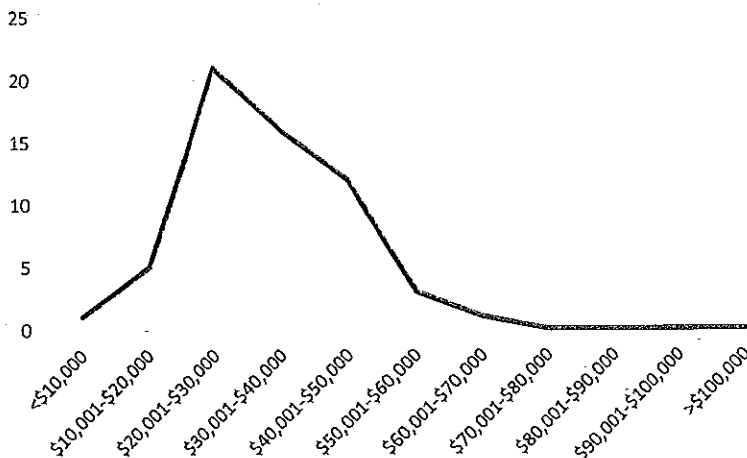
Salary Ranges	Status	Count
<\$10,000	Contract	6
\$10,001-\$20,000	Employee	41
\$20,001-\$30,000	N/A	2
\$30,001-\$40,000		
\$40,001-\$50,000	Full time	33
\$50,001-\$60,000	Part time	12
\$60,001-\$70,000	N/A	4
\$70,001-\$80,000		
\$80,001-\$90,000	If PT, hrs/wk	
\$90,001-\$100,000	0-10	1
>\$100,000	11-20	5
	21-30	3
	31-40	0
	n/a	3

Education	Percentage	License	W	WW	Number Supervised	Percentage	Experience (in years)	Percentage
No Answer	20.83%	A	0	0	No Answer	47.92%	No Answer	8.33%
High School/GED	31.25%	B	0	0	0-2	43.75%	0-5	20.83%
Associate's Degree	14.58%	C	0	0	3-5	4.17%	5.5-10	16.67%
Bachelor's Degree	20.83%	D	0	0	6-10	4.17%	10.5-15	8.33%
Graduate Degree	12.50%	None	0	0			15.5-20	14.58%
		No Answer	48	48			20.5-30	18.75%
							>30	12.50%

2018 Salary Survey Accounting Clerk

	Responses	10th Percentile	90th Percentile	Average	Median
Total	59	\$18,200.00	\$45,040.00	\$32,976.22	\$31,700.00
Bonuses	20	\$150.00	\$2,038.00	\$1,107.30	\$530.00
Overtime	8	*	*	*	*
By District					
1&2	6	*	*	*	*
3&7	14	\$14,976.00	\$41,080.00	\$31,429.86	\$30,350.00
4&9	6	*	*	*	*
5&6	12	\$24,000.00	\$45,150.00	\$38,294.41	\$39,150.00
8&12	4	*	*	*	*
10&13	6	*	*	*	*
11&14	11	\$7,447.23	\$41,000.00	\$29,124.02	\$31,218.00
Residential Meters					
<500	5	*	*	*	*
500-1000	7	*	*	*	*
1001-1500	8	*	*	*	*
1501-3000	14	\$17,800.00	\$52,561.00	\$33,953.71	\$32,850.00
>3000	25	\$28,800.00	\$49,067.00	\$37,540.00	\$39,000.00
Type of Utility					
WSC	27	\$17,300.00	\$49,067.00	\$33,501.34	\$31,700.00
District	27	\$21,294.00	\$42,000.00	\$33,410.77	\$34,400.00
Municipality	5	*	*	*	*
Private	0	*	*	*	*

**Insufficient responses for these categories*



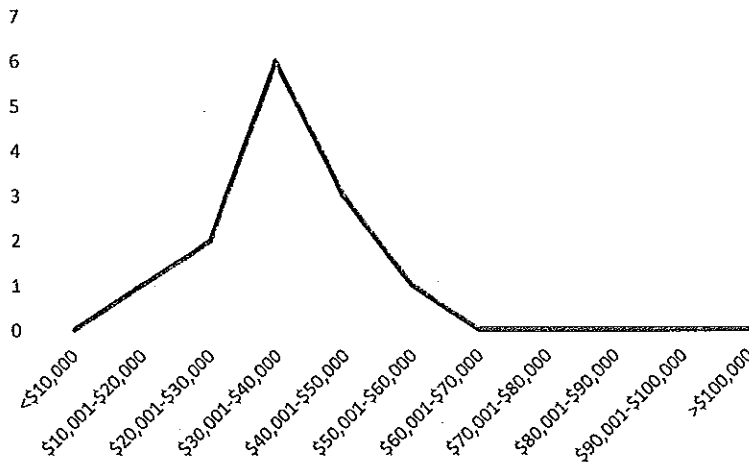
Salary Ranges		Status	
<\$10,000	1	Contract	0
\$10,001-\$20,000	5	Employee	59
\$20,001-\$30,000	21	N/A	0
\$30,001-\$40,000	16		
\$40,001-\$50,000	12	Full time	45
\$50,001-\$60,000	3	Part time	7
\$60,001-\$70,000	1	N/A	7
\$70,001-\$80,000	0		
\$80,001-\$90,000	0		
\$90,001-\$100,000	0		
>\$100,000	0		

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer 20.34%	A	0	0	No Answer 61.02%	No Answer 10.17%
High School/GED 57.63%	B	0	0	0-2 38.98%	0-5 30.51%
Associate's Degree 16.95%	C	3	0		5.5-10 11.86%
Bachelor's Degree 5.08%	D	0	0		10.5-15 15.25%
	None	4	2		15.5-20 13.56%
	No Answer	52	57		20.5-30 15.25%
					>30 3.39%

2018 Salary Survey Administrative Assistant

	Responses	10th Percentile	90th Percentile	Average	Median
Total	13	\$11,440.00	\$49,500.00	\$36,106.00	\$35,360.00
Bonuses	5	*	*	*	*
Overtime	2	*	*	*	*
By District					
1&2	1	*	*	*	*
3&7	3	*	*	*	*
4&9	3	*	*	*	*
5&6	4	*	*	*	*
8&12	0	*	*	*	*
10&13	2	*	*	*	*
11&14	0	*	*	*	*
Residential Meters					
<500	0	*	*	*	*
500-1000	0	*	*	*	*
1001-1500	0	*	*	*	*
1501-3000	3	*	*	*	*
>3000	10	\$24,960.00	\$49,500.00	\$38,422.00	\$35,430.00
Type of Utility					
WSC	6	*	*	*	*
District	6	*	*	*	*
Municipality	1	*	*	*	*
Private	0	*	*	*	*

**Insufficient responses for these categories*



Salary Ranges	Status	Count
<\$10,000	Contract	0
\$10,001-\$20,000	Employee	13
\$20,001-\$30,000	N/A	0
\$30,001-\$40,000		6
\$40,001-\$50,000	Full-time	11
\$50,001-\$60,000	Part-time	1
\$60,001-\$70,000	N/A	1
\$70,001-\$80,000		0
\$80,001-\$90,000		0
\$90,001-\$100,000		0
>\$100,000		0

Education	Percentage	License	W	WW	Number Supervised	Percentage	Experience (in years)	Percentage
No Answer	15.38%	A	0	0	No Answer	61.54%	No Answer	7.69%
High School/GED	53.85%	B	0	0	0-2	30.77%	0-5	30.77%
Associate's Degree	23.08%	C	0	0	3-5	0.00%	5.5-10	23.08%
Bachelor's Degree	7.69%	D	0	0	6-10	7.69%	10.5-15	7.69%
		None	1	0			15.5-20	15.38%
		No Answer	12	13			20.5-30	7.69%
							>30	7.69%

2018 Salary Survey Customer Service Representative

	Responses	10th Percentile	90th Percentile	Average	Median
Total Full-time	71	\$25,000.00	\$40,800.00	\$32,004.63	\$31,636.00
Total Part-time	11	\$8,000.00	\$26,000.00	\$17,006.27	\$15,649.00
Bonuses	35	\$500.00	\$1,650.00	\$952.12	\$800.00
Overtime	18	\$200.00	\$3,700.00	\$1,937.68	\$926.00

By District

District	Responses	10th Percentile	90th Percentile	Average	Median
1&2	3	*	*	*	*
3&7	19	\$15,649.00	\$38,000.00	\$31,338.58	\$33,000.00
4&9	12	\$26,400.00	\$42,057.00	\$33,880.58	\$31,600.00
5&6	15	\$25,000.00	\$41,000.00	\$31,346.67	\$31,000.00
8&12	14	\$12,480.00	\$35,360.00	\$27,186.36	\$28,132.00
10&13	10	\$8,000.00	\$38,900.00	\$29,721.10	\$31,615.50
11&14	9	*	*	*	*

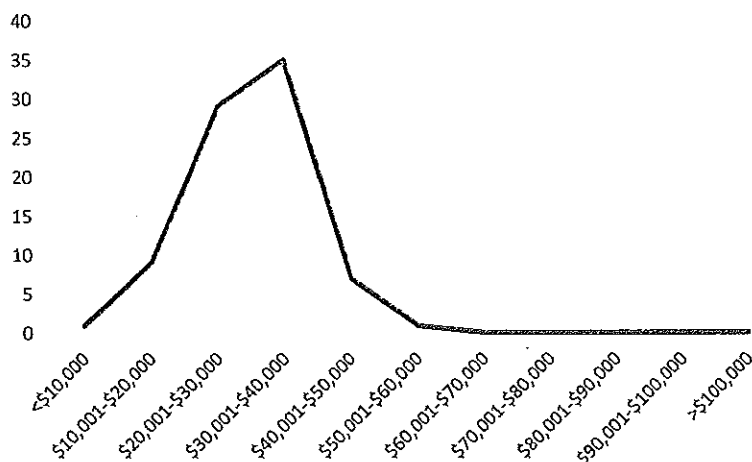
Residential Meters

Meters	Responses	10th Percentile	90th Percentile	Average	Median
<500	2	*	*	*	*
500-1000	6	*	*	*	*
1001-1500	13	\$12,480.00	\$38,900.00	\$24,678.23	\$24,960.00
1501-3000	27	\$20,800.00	\$40,800.00	\$31,656.96	\$33,000.00
>3000	34	\$26,229.00	\$40,000.00	\$32,401.56	\$31,418.00

Type of Utility

Utility Type	Responses	10th Percentile	90th Percentile	Average	Median
WSC	42	\$14,976.00	\$37,500.00	\$28,636.88	\$29,785.50
District	37	\$20,800.00	\$40,800.00	\$31,624.86	\$32,614.00
Municipality	3	*	*	*	*
Private	0	*	*	*	*

**Insufficient responses for these categories*



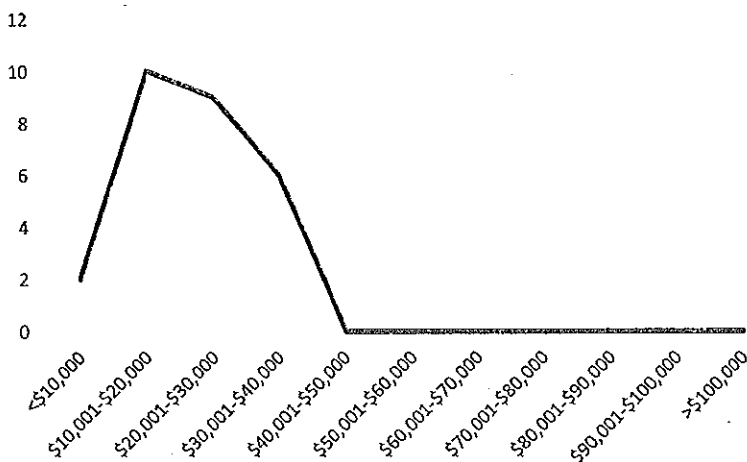
Salary Ranges	Status	Count
<\$10,000	Contract	1
\$10,001-\$20,000	Employee	81
\$20,001-\$30,000	N/A	0
\$30,001-\$40,000		
\$40,001-\$50,000	Full time	66
\$50,001-\$60,000	Part time	11
\$60,001-\$70,000	N/A	5
\$70,001-\$80,000		
\$80,001-\$90,000	If PT, hrs/wk	
\$90,001-\$100,000	0-10	0
>\$100,000	11-20	5
	21-30	3
	31-40	2
	n/a	1

Education	Percentage	License	W	WW	Number Supervised	Percentage	Experience (in years)	Percentage
No Answer	17.07%	A	0	0	No Answer	63.41%	No Answer	6.10%
High School/GED	60.98%	B	0	0	0-2	35.37%	0-5	58.54%
Associate's Degree	12.20%	C	2	0	3-5	1.22%	5.5-10	21.95%
Bachelor's Degree	9.76%	D	2	1			10.5-15	8.54%
		None	3	0			15.5-20	0.00%
		No Answer	75	81			20.5-30	3.66%
							>30	1.22%

2018 Salary Survey Receptionist

	Responses	10th Percentile	90th Percentile	Average	Median
Total Full-time	17	\$19,240.00	\$32,000.00	\$25,552.31	\$25,000.00
Total Part-time	10	\$6,311.40	\$17,680.00	\$14,101.14	\$12,740.00
Bonuses	5	*	*	*	*
Overtime	3	*	*	*	*
By District					
1&2	3	*	*	*	*
3&7	5	*	*	*	*
4&9	3	*	*	*	*
5&6	8	*	*	*	*
8&12	3	*	*	*	*
10&13	4	*	*	*	*
11&14	0	*	*	*	*
Residential Meters					
<500	1	*	*	*	*
500-1000	4	*	*	*	*
1001-1500	6	*	*	*	*
1501-3000	7	*	*	*	*
>3000	9	*	*	*	*
Type of Utility					
WSC	12	\$10,000.00	\$31,200.00	\$20,319.00	\$20,340.00
District	13	\$6,311.40	\$32,020.16	\$21,681.81	\$22,000.00
Municipality	2	*	*	*	*
Private	0	*	*	*	*

**Insufficient responses for these categories*



Salary Ranges	Status
<\$10,000	Contract 1
\$10,001-\$20,000	Employee 24
\$20,001-\$30,000	N/A 2
\$30,001-\$40,000	
\$40,001-\$50,000	Full time 15
\$50,001-\$60,000	Part time 10
\$60,001-\$70,000	N/A 2
\$70,001-\$80,000	
\$80,001-\$90,000	If PT, hrs/wk
\$90,001-\$100,000	0-10 0
>\$100,000	11-20 3
	21-30 5
	31-40 0
	n/a 2

Education	License	W	WW	Number Supervised	Experience (in years)
No Answer 11.11%	A	0	0	No Answer 70.37%	No Answer 7.41%
High School/GED 77.78%	B	0	0	0-2 29.63%	0-5 9.26%
Associate's Degree 7.41%	C	0	0		5.5-10 18.52%
Bachelor's Degree 3.70%	D	0	0		10.5-15 7.41%
	None	2	0		215.5-20 3.70%
	No Answer	25	27		20.5-30 3.70%

General Manager or System Superintendent:

This position is responsible for office and field administration, planning, reporting and policy administration, hiring and terminating employees and for determining compensation packages. Additionally, this position is responsible for the utility's public relations and must be familiar with corporate, local, state and federal compliance policies. The general manager/superintendent reports directly to the board of directors or the council and may supervise office, plant, distribution and operations employees, contractors and other management personnel. This position is also responsible for implementing the utility's long-range plans and policies.

Assistant General Manager:

The assistant general manager reports directly to the general manager and may assist with all the general manager duties or be responsible for specific assigned projects and acts in a supervisory capacity in the absence of the general manager.

Manager/Operator:

Manager/operators are responsible for most of the duties associated with general managers and lead operators. This position is more common in smaller systems with limited staff. Manager/operators are responsible for supervising utility operations and operations personnel. These individuals also are responsible for the oversight, operations and maintenance of water and/or wastewater facilities. This position requires a state operator's license.

Plant Manager or Plant Superintendent:

This position is responsible for all aspects of the plant's operations, process controls, delegation of shift duties, and human resources and evaluation recommendations for plant employees. Plant superintendents coordinate with the general manager, system superintendent, manager/operator, or public works director and special consultants to make decisions regarding plant upgrades, construction and installation of plant modifications. Plant superintendents are responsible for compliance and monitoring reports and must possess a state operator's license.

Lead Operator or Field Manager:

In addition to the duties of operators (see below), this position is responsible for managerial tasks for the field operators, including oversight and collection of regulatory water or wastewater samples, compiling data for monthly operating reports, oversight of the other operators and providing human resources recommendations for the hiring, termination and performance evaluations of field staff. This position requires a state operator's license.

Plant Operator:

Plant operators are responsible for routine operation and maintenance of water and wastewater facilities including treatment, processes, facility repairs, compliance sampling and testing, and possibly repairs in the distribution or collection area. Additionally, plant operators may provide supervision for contract and non-licensed workers. This position requires a state operator's license.

Distribution or Field Operator:

Distribution operators are responsible for routine operation and maintenance of water facilities, including possible additional disinfection treatment processes, facility repairs, compliance sampling and testing, collecting meter readings, conducting line locates for other utilities doing construction near the distribution lines, flushing water mains and repairs in the distribution system. Additionally, distribution operators may provide supervision for contract and non-licensed workers. This position requires a state operator's license.

Wastewater Collections Operator:

Collection operators are responsible for routine maintenance of the wastewater collection system including locating, inspecting, and clearing or repairing manholes and sewer lines. In addition they are responsible for locating, identifying, and repairing inflow & infiltration in the system and conducting dye or smoke tests on sewer lines and manholes. This position requires a state operator's license.

Maintenance Technician:

Maintenance technicians are responsible for planning, scheduling and performing preventative and regular maintenance work. Maintenance technicians may operate the treatment plant under the supervision of a licensed operator or maintain an operator's license. Maintenance technicians must possess strong working knowledge of line maintenance, valves, meters, chemicals, controls and other treatment procedures.

Meter Reader:

Meter readers are responsible for accurately reading water meters and recording water usage. Typically, meter readers must hold a valid Texas driver's license with an acceptable driving record. A meter reader may also be responsible for detecting and reporting system problems such as leaks, defects and illegal connections and for locking meters for nonpayment.

Laborer (Utility Service Worker):

Laborers may be responsible for grounds maintenance, system repairs, excavation equipment operation or meter installations or replacements. Laborers must be directly supervised by a licensed operator.

Office Manager:

The office manager serves in a supervisory role for all other administrative personnel. This position is responsible for the supervision of all administrative functions at the utility, including financial management, billing, customer service, maintaining office supplies and coordinating administrative schedules. If the system does not employ a bookkeeper or accounting clerk, the office manager may also handle certain accounting activities, including maintenance of financial records, billing, bank deposits, processing payroll, etc. May also make direct reports to the board/council in systems with no general manager/system superintendent.

Bookkeeper:

The bookkeeper is responsible for maintaining the system's financial accounts. The bookkeeper typically pays vendor and utility bills, processes receivables and deposits and maintains accurate records of all financial transactions. The bookkeeper is not required to be a certified public accountant.

Accounting Clerk:

Accounting clerks are responsible for assisting the bookkeeper or the office manager with billing functions. The accounting clerk typically assists customers who pay utility bills in person by collecting cash and checks, processing credit cards, issuing receipts and fielding questions and complaints. The accounting clerk may also collect and process the meter readers' reports.

Administrative Assistant:

The administrative assistant is responsible for performing administrative and secretarial duties for their direct supervisor. This may include correspondence, word processing, scheduling and event planning. If the system does not employ an accounting clerk, the administrative assistant may also be responsible for certain accounting activities.

Customer Service Representative:

This position's primary role is interfacing with the system's customer base. Primary responsibilities include assisting customers with their inquiries and requests, as well as fielding complaints. Duties can also include answering phones, processing new accounts, account changes, helping with new service or transfer service requests, and assisting customers with making payments, and processing reports.

Receptionist:

The receptionist is responsible for answering phones, referring callers to the appropriate person, taking messages and greeting visitors. Additionally, the receptionist may be responsible for typing correspondence for the general manager or other office staff along with other clerical duties.

