

**CITY OF SHAVANO PARK  
WATER ADVISORY COMMITTEE MEETING  
900 SADDLETREE COURT, SHAVANO PARK, TX 78231  
MONDAY, JULY 30, 2018  
6:30 PM  
AGENDA**

**1. CALL TO ORDER**

**2. ROLL CALL**

**3. CITIZENS TO BE HEARD**

The Water Advisory Committee welcomes Citizens to be heard, we request that if you wish to speak that you follow these guidelines – Resolution No. 04-11 residents are given three (3) minutes to speak during Citizens to be heard. Citizens are only allowed to speak once and cannot pass their time allotment to someone else. In compliance with the Texas Open Meetings Act, the Water Advisory Committee may not deliberate on comments (Attorney General Opinion – JC0169)

**4. CONSENT AGENDA**

- a. Approval – Water Advisory Committee Meeting Minutes, July 7, 2018

**5. REPORTS - Public Works Director Update**

- a. Water system
  - a. Water System Infrastructure Updates
- b. Financial Report
  - a. June Report

**6. REGULAR BUSINESS**

- a. Discussion - Goals and Objectives for FY 2018-19 Proposed Budget with Council Comments – PW Director Peterson
- b. Discussion / action - FY 2018-19 Proposed Budget Revenues and Expenses – City Manager Hill / PW Director Peterson
- c. Discussion - Water Rate Study - Chairman Walea

**7. FUTURE ITEMS**

- a. N.W. Military Hwy. Expansion – Water Main Relocation

**8. ADJOURNMENT**

I, the undersigned authority, do hereby certify that the above Notice of Meeting of the governing body of the above named City of Shavano Park Water Advisory Committee is a true and correct copy of said Notice and that I posted a true and correct copy of said Notice on the bulletin boards, of the City Hall of said City Shavano Park, Texas, a place convenient and readily accessible to the general public at all times, and said Notice was posted on this the 25th day of July 2018 at 8:45 a.m. and remained so posted continuously for at least 72 hours preceding the scheduled time of said meeting.

  
Zina Pedford  
City Secretary

**Accessibility Statement**

The City of Shavano Park City Hall is wheelchair accessible. The entry ramp is located in the front of the building. Accessible parking spaces are also available in the front and sides of the building. Sign interpretative services for meetings must be made 48 hours in advance of the meeting. Call the A.D.A. Coordinator at 817-447-5400 or TDD 1-800-735-2989.

**CITY OF SHAVANO PARK  
WATER ADVISORY COMMITTEE MEETING  
900 SADDLETREE CT., SHAVANO PARK, TX 78231  
MONDAY, JULY 9, 2018  
6:31 P.M.**

**MINUTES**

1. CALL TO ORDER

The meeting was called to order at 6:31 p.m. by Chairman Walea

2. ROLL CALL:

PRESENT:

Steve Fleming  
Sam Bakke  
Al Walea  
Tomas Palmer

ABSENT:

Matt Trippy

3. CITIZENS TO BE HEARD

None

4. CONSENT AGENDA

a. Approval – June 11, 2018 Minutes

Member Palmer moved to accept the minutes as written, Member Fleming seconded.  
Motion passed.

5. REPORTS - Public Works Director Update

a. Water System

a. Water System Infrastructure Updates

Director Peterson informed the members that Well # 6 was now running. Well # 5 is now having high voltage issues, a new CPS transformer had to be installed due to a high voltage surge which may have blown the sub-monitor in the well. Trinity is shut down as well. Everything else is running smoothly; however, recently we've been getting brass pieces from # 7 in the screens which means the impellers or pump are breaking up. The motor on # 7 is up top and the pump is on the bottom of the well and it's been recommended we wait, pull and make minor repairs before it completely fails. If we allow the well to continually operate under stress the bearing could cause the shaft to wobble and then bend, creating more damage to the well drive shaft and casing.

b. Financial Report

a. May Report

Finance Officer – Brenda Morey reviewed the revenues & expenditures for May and indicated everything was right on track.

## 6. REGULAR BUSINESS

- a. Discussion / presentation – Goals and Objectives for FY 2018 – 19 with Council Comments – PW Director Peterson  
City Manager Hill made comments about the suggestions and changes that were made at the last meeting which were incorporated in this updated version.
- b. Discussion – FY 2018 – 19 Proposed Budget Revenues and Expenses – City Manager Hill/ PW Director Peterson  
City Manager Hill reviewed with the members the priorities Director Peterson presented to him for the proposed FY 2018 – 19 water budget. He then indicated that because of the reduced revenues expected that he needed to cut \$ 327,000 out of next year's budget. Indicating that almost all of what was requested wouldn't be funded which would include not purchasing the 13 acre feet of additional water rights. Since Director Peterson found out from the EAA that there was an additional 15.79 acre feet of water that the City was not aware we actually owned and that could cover for not purchasing water rights this year, but not to lose focus on next year continuing that program until we hit over the 1,000 acre feet we need. He suggested that the WAC members needed to review these priorities and determine what items they feel are necessary to be funded prior to the next WAC meeting on 7/30/18 and how to fund them. Member Palmer moved that we accept the preliminary FY 2018 – 19 budget to build on. Member Bakke seconded. Motion passed.
- c. Discussion – Water Rate Study – Chairman Walea  
Chairman Walea again indicated the need to have a water rate study done in order to be able to support the water system.
- d. Discussion/action – Re-scheduling the August 13, 2018 Water Advisory Committee Meeting to July 30, 2018. Member Bakke moved to approve and Member Palmer seconded. Motion passed.

## 7. FUTURE ITEMS

- a. N.W. Military Hwy. Expansion – Water Main Relocation  
City Manager Hill indicated that there should be a meeting in a couple of weeks where he hopes to have more information on the progress.

WAC Minutes  
July 9, 2018  
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8. ADJOURNMENT

Member Palmer moved to adjourn, Member Fleming seconded. Motion approved.  
Adjourned at 8:10 p.m.

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Peggy Stone  
PW/Water Utility  
Office Mgr.

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Al Walea, Chairman

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Date

## WATER ADVISORY COMMITTEE STAFF SUMMARY

Meeting Date: July 30, 2018

Agenda item: 5.b.

Prepared by: Brenda Morey

Reviewed by: Bill Hill

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### **AGENDA ITEM DESCRIPTION:**

Presentation of June 2018 Monthly Reports

X

### **Attachments for Reference:**

a) June 2018 Revenue and Expense Report

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**BACKGROUND / HISTORY:** The current data provided in the attachments are for the FY 2017-18 budget period, month ending June 30, 2018. The “Current Budget” column within the attached report contains the original adopted budget, with no budget amendments. This summary sheet highlights a number of key points related to the current month’s activity.

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### **DISCUSSION:**

As of June 30, 2018, the Water Fund total revenues are \$614,429 or 61.68% of the total annual budgeted amount. The budget percentage appears low due to the Transfer-In Capital Replacement (8072) and Transfer-In Reserves (8099) accounts which are for budgetary purposes only and will not have activity. Water Fund (Water department & Debt Service) expenses total \$720,138 or 72.29% of budget.

#### **Revenues:**

- Water consumption (5015) billed in June for the month of May is \$65,752. Total consumption for the month is approximately 3,931,000 gallons more than the previous year or \$11,935 of revenue.
- The Debt Service (5018) and Water Service Fee (5019) remain on target with budget as these are flat fees not related to volume charges, recognized at 75.16% and 75.83% respectively.
- The EAA Pass Thru (5036) fees are charged to customers based on usage, \$8,969 was recorded for the month and 69.20% of the annual budgeted amount has been recognized to date.

#### **Expenses:**

Water department (606) expenses for day-to-day operations remain on target with a total of \$572,584 or 70.83% spent. Overall operating expenses for the month were \$101,675. Larger items this month include \$5,332 for chlorine in Chemicals (6011), last restocked in January, Well Site #7 (6067) \$3,810 for well repairs, increased electricity costs in 7040 to keep up with the water demands from the customers, and the invoices for Well #6 came in at \$34,517 to pull the motor and pump, televise well, repair/replace and install, test and return it to service.

Water Debt Service department (607) reflects principal and interest payments which occur in February and August. Interest only payments of approximately \$40,000 will be due and payable in August.

**PAYROLL**

The City is on a bi-weekly payroll schedule; there have been 20 pay periods out of 26 so approximately 76.92% should be expensed in the line items directly related to salaries. Workers Comp Insurance (1037) is at approximately 62.81% which is expensed quarterly. TMRS (1040) expense is at 65.26%, which is related to how the payroll module processes these amounts the month following. (This is adjusted at year end for proper annual cut-off). Department is currently on track for the budgeted amounts.

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**COURSES OF ACTION:** None related to the Report.

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**FINANCIAL IMPACT:** N/A

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**STAFF RECOMMENDATION:** N/A

20 -WATER FUND

FINANCIAL SUMMARY

% OF YEAR COMPLETED: 75.00

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
REVENUE SUMMARY					
NON-DEPARTMENTAL	996,122.00	91,102.33	614,429.00	381,693.00	61.68
TOTAL REVENUES	996,122.00	91,102.33	614,429.00	381,693.00	61.68
	=====	=====	=====	=====	=====
EXPENDITURE SUMMARY					
WATER DEPARTMENT	808,415.00	101,674.67	572,584.41	235,830.59	70.83
DEBT SERVICE	187,707.00	0.00	147,553.12	40,153.88	78.61
TOTAL EXPENDITURES	996,122.00	101,674.67	720,137.53	275,984.47	72.29
	=====	=====	=====	=====	=====
REVENUES OVER/(UNDER) EXPENDITURES	0.00 (	10,572.34) (	105,708.53)	105,708.53	0.00

20 -WATER FUND  
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 75.00

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
NON-DEPARTMENTAL					
WATER SALES					
20-599-5015 WATER CONSUMPTION	609,034.00	65,751.79	412,814.04	196,219.96	67.78
20-599-5016 LATE CHARGES	7,000.00	387.56	3,763.51	3,236.49	53.76
20-599-5018 DEBT SERVICE	53,376.00	4,480.00	40,115.20	13,260.80	75.16
20-599-5019 WATER SERVICE FEE	58,092.00	4,914.86	44,053.32	14,038.68	75.83
20-599-5036 EAA PASS THRU CHARGE	82,626.00	8,969.00	57,175.50	25,450.50	69.20
TOTAL WATER SALES	810,128.00	84,503.21	557,921.57	252,206.43	68.87
MISC./GRANTS/INTEREST					
20-599-7000 INTEREST INCOME	5,000.00	1,858.35	8,609.29 (	3,609.29)	172.19
20-599-7011 OTHER INCOME	500.00	25.00	24.27	475.73	4.85
20-599-7012 LEASE OF WATER RIGHTS	8,800.00	2,500.00	7,500.00	1,300.00	85.23
20-599-7040 ASR LEASE PROGRAM	24,000.00	0.00	24,000.00	0.00	100.00
20-599-7060 CC SERVICE FEES	4,000.00	28.34	277.60	3,722.40	6.94
20-599-7075 SITE/TOWER LEASE REVENUE	15,165.00	1,266.77	11,391.41	3,773.59	75.12
20-599-7090 SALE OF FIXED ASSETS	0.00	920.66	4,704.86 (	4,704.86)	0.00
TOTAL MISC./GRANTS/INTEREST	57,465.00	6,599.12	56,507.43	957.57	98.33
TRANSFERS IN					
20-599-8072 TRF IN - CAPITAL REPLACEMEN	3,780.00	0.00	0.00	3,780.00	0.00
20-599-8099 TRF IN - RESERVES	124,749.00	0.00	0.00	124,749.00	0.00
TOTAL TRANSFERS IN	128,529.00	0.00	0.00	128,529.00	0.00
TOTAL NON-DEPARTMENTAL	996,122.00	91,102.33	614,429.00	381,693.00	61.68
TOTAL REVENUES	996,122.00	91,102.33	614,429.00	381,693.00	61.68
	=====	=====	=====	=====	=====

20 -WATER FUND

WATER DEPARTMENT

% OF YEAR COMPLETED: 75.00

EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
PERSONNEL					
20-606-1010 SALARIES	173,594.00	17,081.54	125,902.31	47,691.69	72.53
20-606-1015 OVERTIME	7,600.00	117.46	6,784.89	815.11	89.27
20-606-1020 MEDICARE	2,523.00	170.63	1,969.20	553.80	78.05
20-606-1025 TWC (SUI)	828.00	138.95	507.56	320.44	61.30
20-606-1030 HEALTH INSURANCE	25,776.00	1,301.05	18,318.66	7,457.34	71.07
20-606-1031 HSA	178.00	7.21	108.72	69.28	61.08
20-606-1033 DENTAL INSURANCE	1,480.00	75.63	1,033.48	446.52	69.83
20-606-1035 VISION CARE INSURANCE	365.00	17.97	246.56	118.44	67.55
20-606-1036 LIFE INSURANCE	318.00	22.73	246.39	71.61	77.48
20-606-1037 WORKERS' COMP INSURANCE	6,153.00	1,623.09	3,864.71	2,288.29	62.81
20-606-1040 TMRS RETIREMENT	23,903.00	1,702.07	15,599.83	8,303.17	65.26
20-606-1070 SPECIAL ALLOWANCES	11,700.00	2,013.55	6,531.45	5,168.55	55.82
TOTAL PERSONNEL	254,418.00	24,271.88	181,113.76	73,304.24	71.19
SUPPLIES					
20-606-2020 OFFICE SUPPLIES	1,400.00	202.35	1,128.15	271.85	80.58
20-606-2030 POSTAGE	4,000.00	231.35	2,084.61	1,915.39	52.12
20-606-2050 PRINTING & COPYING	500.00	0.00	459.02	40.98	91.80
20-606-2060 MED EXAMS/SCREENING/TESTING	0.00	0.00	146.50 (	146.50)	0.00
20-606-2070 JANITORIAL SUPPLIES	500.00	0.00	0.00	500.00	0.00
20-606-2075 BANK/CREDITCARD FEES	4,000.00	534.94	4,121.12 (	121.12)	103.03
20-606-2080 UNIFORMS	1,000.00	0.00	523.46	476.54	52.35
20-606-2090 SMALL TOOLS	2,000.00	70.45	1,872.85	127.15	93.64
20-606-2091 SAFETY SUPPLIES/EQUIPMENT	1,200.00	366.69	1,172.65	27.35	97.72
TOTAL SUPPLIES	14,600.00	1,405.78	11,508.36	3,091.64	78.82
SERVICES					
20-606-3012 ENGINEERING SERVICES	1,000.00	0.00	191.25	808.75	19.13
20-606-3013 PROFESSIONAL SERVICES	8,000.00	0.00	0.00	8,000.00	0.00
20-606-3020 ASSOCIATION DUES & PUBS	1,800.00	0.00	921.00	879.00	51.17
20-606-3030 TRAINING/EDUCATION	3,000.00	401.00	2,463.00	537.00	82.10
20-606-3040 TRAVEL/MILEAGE/LODGING/PERD	1,500.00	69.84	1,407.11	92.89	93.81
20-606-3050 INSURANCE - LIABILITY	3,022.00	0.00	3,683.47 (	661.47)	121.89
20-606-3060 UNIFORM SERVICES	2,000.00	131.45	1,211.30	788.70	60.57
20-606-3070 INSURANCE - PROPERTY	1,503.00	0.00	1,831.99 (	328.99)	121.89
20-606-3075 WATER CONSERVATION EDUCATIO	100.00	0.00	0.00	100.00	0.00
20-606-3080 SPECIAL SERVICES	0.00	21.50	61.50 (	61.50)	0.00
20-606-3082 WATER ANALYSIS FEES	9,000.00	414.13	4,628.16	4,371.84	51.42
20-606-3090 COMMUNCIATIONS SERVICES	0.00	0.00 (	831.82)	831.82	0.00
TOTAL SERVICES	30,925.00	1,037.92	15,566.96	15,358.04	50.34
CONTRACTUAL					
20-606-4075 COMPUTER SOFTWARE/INCODE	8,625.00	128.00	5,365.75	3,259.25	62.21
20-606-4085 EAA -WATER MANAGEMENT FEES	70,045.00	5,606.52	52,945.00	17,100.00	75.59
20-606-4099 WATER RIGHTS/LEASE PAYMENTS	77,951.00	0.00	78,227.10 (	276.10)	100.35
TOTAL CONTRACTUAL	156,621.00	5,734.52	136,537.85	20,083.15	87.18

## 20 -WATER FUND

## WATER DEPARTMENT

% OF YEAR COMPLETED: 75.00

EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
MAINTENANCE					
20-606-5005 EQUIPMENT LEASES	2,000.00	1,042.10	1,954.32	45.68	97.72
20-606-5010 EQUIPMENT MAINT & REPAIR	9,000.00	1,726.26	2,447.73	6,552.27	27.20
20-606-5015 ELECTRONIC EQPT MAINTENANCE	500.00	0.00	0.00	500.00	0.00
20-606-5020 VEHICLE MAINTENANCE	3,000.00	131.30	1,901.96	1,098.04	63.40
20-606-5030 BUILDING MAINTENANCE	2,000.00	0.00	3,623.04 (	1,623.04)	181.15
20-606-5060 VEHICLE & EQPT FUELS	3,500.00	365.74	2,344.57	1,155.43	66.99
TOTAL MAINTENANCE	20,000.00	3,265.40	12,271.62	7,728.38	61.36
DEPT MATERIALS-SERVICES					
20-606-6011 CHEMICALS	14,000.00	6,198.40	16,732.55 (	2,732.55)	119.52
20-606-6050 WATER METERS & BOXES	1,134.00	0.00	5,223.79 (	4,089.79)	460.65
20-606-6055 FIRE HYDRANTS	2,000.00	448.10	3,366.54 (	1,366.54)	168.33
20-606-6060 HUEBNER STORAGE TANK	8,000.00	2,854.07	5,859.52	2,140.48	73.24
20-606-6061 ELEVATED STORAGE TANK- #1 W	5,000.00	15.67	2,936.12	2,063.88	58.72
20-606-6062 WELL SITE #2-EAA MONITORED	500.00	0.00	0.00	500.00	0.00
20-606-6065 WELL SITE #5-EDWARDS BLENDI	3,000.00	187.06	3,420.53 (	420.53)	114.02
20-606-6066 WELL SITE #6-MUNI TRACT	3,000.00	2,475.80	11,109.04 (	8,109.04)	370.30
20-606-6067 WELL SITE #7	5,000.00	4,135.51	5,556.75 (	556.75)	111.14
20-606-6068 WELL SITE #8	5,000.00	47.78	2,132.26	2,867.74	42.65
20-606-6069 WELL SITE #9-TRINITY	5,000.00	521.83	801.77	4,198.23	16.04
20-606-6070 SCADA SYSTEM MAINTENANCE	2,000.00	0.00	4,967.26 (	2,967.26)	248.36
20-606-6071 SHAVANO DRIVE PUMP STATION	10,000.00	25.74	19,958.40 (	9,958.40)	199.58
20-606-6072 WATER SYSTEM MAINTENANCE	15,000.00	2,098.00	19,432.17 (	4,432.17)	129.55
20-606-6080 STREET MAINT SUPPLIES	3,000.00	192.00	377.15	2,622.85	12.57
TOTAL DEPT MATERIALS-SERVICES	81,634.00	19,199.96	101,873.85 (	20,239.85)	124.79
UTILITIES					
20-606-7040 UTILITIES - ELECTRIC	61,000.00	11,870.02	53,723.99	7,276.01	88.07
20-606-7042 UTILITIES - PHONE/CELL	800.00	18.99	753.70	46.30	94.21
20-606-7044 UTILITIES - WATER	600.00	22.40	216.09	383.91	36.02
TOTAL UTILITIES	62,400.00	11,911.41	54,693.78	7,706.22	87.65
CAPITAL OUTLAY					
20-606-8010 NON-CAP ELECTRONIC EQUIPMEN	1,000.00	0.00	0.00	1,000.00	0.00
20-606-8020 NON-CAPITAL MAINTENANCE EQU	6,500.00	145.00	5,001.64	1,498.36	76.95
20-606-8060 CAPITAL- EQUIPMENT	5,000.00	0.00	4,906.09	93.91	98.12
20-606-8080 WATER SYSTEM IMPROVEMENTS	40,000.00	34,517.20	43,362.64 (	3,362.64)	108.41
20-606-8087 WATER METER REPLACEMENT	3,780.00	185.60	5,747.86 (	1,967.86)	152.06
TOTAL CAPITAL OUTLAY	56,280.00	34,847.80	59,018.23 (	2,738.23)	104.87
INTERFUND TRANSFERS					
20-606-9010 TRF TO GENERAL FUND	22,050.00	0.00	0.00	22,050.00	0.00
20-606-9020 TRF TO CAPITAL REP. FUND 72	109,487.00	0.00	0.00	109,487.00	0.00
TOTAL INTERFUND TRANSFERS	131,537.00	0.00	0.00	131,537.00	0.00
TOTAL WATER DEPARTMENT	808,415.00	101,674.67	572,584.41	235,830.59	70.83

20 -WATER FUND  
DEBT SERVICE

% OF YEAR COMPLETED: 75.00

EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
<hr/>					
CAPITAL OUTLAY					
20-607-8014 2009 GO REFUND - PRINCIPAL	36,990.00	0.00	36,990.00	0.00	100.00
20-607-8015 2009 GO REFUND - INTEREST	15,279.00	0.00	7,963.12	7,315.88	52.12
20-607-8016 2017 GO REFUNDING (2009) PR	65,000.00	0.00	65,000.00	0.00	100.00
20-607-8017 2017 GO REFUNDING (2009) IN	70,288.00	0.00	37,600.00	32,688.00	53.49
20-607-8030 BOND AGENT FEES	150.00	0.00	0.00	150.00	0.00
TOTAL CAPITAL OUTLAY	187,707.00	0.00	147,553.12	40,153.88	78.61
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TOTAL DEBT SERVICE	187,707.00	0.00	147,553.12	40,153.88	78.61
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TOTAL EXPENDITURES	996,122.00	101,674.67	720,137.53	275,984.47	72.29
	=====	=====	=====	=====	=====
REVENUES OVER/(UNDER) EXPENDITURES	0.00 (	10,572.34) (	105,708.53)	105,708.53	0.00
	=====	=====	=====	=====	=====

## WATER ADVISORY COMMITTEE STAFF SUMMARY

Meeting Date: July 30, 2018

Agenda item: 6.a

Prepared by: Brandon Peterson

Reviewed by: Bill Hill

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### **AGENDA ITEM DESCRIPTION:**

Water Department Draft Budget Goals and Objectives for FY 2018-19 Proposed Budget

X

#### **Attachments for Reference:**

1) Water Department Draft Goals and Objectives

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**BACKGROUND / HISTORY:** Water Utility Department is bringing the draft goals and objectives for FY 2018-19 to the Water Advisory Committee (WAC) for their final review and comments.

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**DISCUSSION:** This is the last review of the draft goals and objectives for FY 2018-19 presented to the Water Advisory Committee. Note: On Wednesday, July 11<sup>th</sup> City Council will be presented all Department goals and objectives – including Water. WAC changes that reach a consensus will be revised and presented to City Council on Wednesday. Next month will be the final round before developing the budget that the City Manager will present to City Council. The WAC has reviewed the initial draft on July 9, and staff has revised based on recommendations provided by the WAC.

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**COURSES OF ACTION:** Discuss the goals and objectives for FY 2018-19 and provide any revisions and recommendations as to what the Water Advisory Committee would like to see accomplished over the next year.

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**FINANCIAL IMPACT:** Varies depending on the proposed studies and projects accepted.

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**STAFF RECOMMENDATION:** Provide input for goals and objectives for FY 2018-19 Budget

## **Water Utility Department - 606**

### **Mission Statement**

The City of Shavano Park Water Utility Department continuously provides safe and reliable drinking water and maintains essential public water infrastructure for the service connections within Shavano Park in order to provide long-term first-class water utility support to our citizens.

### **Goals:**

- Continually provide safe and reliable drinking water through efficient treatment and delivery of water, meet or exceed environmental and public health standards
- Resource and maintain appropriate equipment and assets
- Improve employee proficiency to include educational training and development opportunities
- Improve water system functions to achieve an efficient operation level while meeting State requirements
- Provide and maintain essential public water infrastructure services while anticipating future requirements

### **Objectives:**

Continually provide safe and reliable drinking water through efficient treatment and delivery of water, exceeding environmental and public health standards

- Maintain 100% compliance of all State and Federal regulations and laws associated with a water system
- Maintain a Superior Water System rating and initiate steps to achieve Outstanding rating
- Ensure State requirements are met by having all employees of the Water Department certified and licensed in groundwater operations

### **Resource and maintain appropriate equipment and assets**

- Maintain enough money in reserve to handle emergencies, and cushion for low water consumption years (approx. \$500K)
- Annually re-evaluate adequacy of Edwards water rights and Trinity resources
- Continue to replace meters that have registered approximately 2 million gallons
- Actively apply for grants/funding for other equipment that would make crews more efficient
- Continue working with KFW (City Engineer) to initiate a geographic information system (GIS) program to include utilities, streets, and drainage information
- Purchase a GIS License
- Continue preparing a schedule based on needs to replace all undersized water mains within the system
- Determine surplus availability and cost of emergency power supply (generators) for City buildings and water system
- Actively support a water rate study to be implemented before end of Fiscal Year 2019
- Purchase a mini excavator in order to work in tight areas where a backhoe cannot reach.
- Purchase a skid steer to replace with the old skid steer (50/50 split)
- Install an intruder protection to prevent roof access, per TCEQ requirements (Huebner)

Improve employee quality to include educational training and development opportunities.

- Provide additional quality educational opportunities ~~when available~~ and send crews to classes to earn credits to upgrade and improve knowledge of water systems
- Continue to have a safe working environment and maintain the safety and training program on all equipment and water system functions
- Maintain a safe working environment and a zero (0) lost time accident rate
- Improve the preventative maintenance program by establishing a tracking schedule for each piece of equipment/vehicle and when they should be replaced

Improve water system functions to achieve an efficient operation level and meet State requirements

- Investigate alternatives to increase productivity and life expectancy of the Trinity Well pump, motor, and ground storage tank
- Continue to take corrective action on dead end main issues to lessen flushing and reduce loss ratio rate
- Work with TxDOT on preliminary reports for relocating portions of the water mains on NW Military prior to job bid for MPO project
- Identify cul-de-sac dead end mains, including gross cost estimate for each and prioritization for addressing. Complete at remediation of at least one such dead end main each year until all resolved
- Stay current on new and proposed TCEQ water system requirements.
- Propose updates for Shavano Park Ordinances to meet all TCEQ and pertinent Edwards Aquifer Authority requirements
- Achieve annual water loss of less than 5%
- Respond to all water system complaints within one service day. Provide summary of complaints and resolutions to Water Advisory Committee
- Raise 5 fire hydrants to proper height for Fire Department access
- Prepare drainage culvert to install pipe for crossing the creek to Well site # 8
- Consider outsourcing printing water utility bills
- Research Flowatch Software for more efficient water reporting

Provide and Maintain essential public water infrastructure and services while anticipating future requirements.

- Develop and execute a fiscally responsible budget that meets mission requirements
- Update the capital equipment replacement schedule. (Water system, pumps, motors, VFD's, water mains, and hydrants)
- Maintain quality of new SCADA system and entire water system as changes and repairs are accomplished
- Conduct water system customer satisfaction survey

## **Public Works Department – 603**

### **Mission Statement**

The Shavano Park Public Works Department conducts master planning and continuously provides essential public infrastructure services in a prompt, courteous, safe, efficient, and cost-effective manner to the citizens and business owners of Shavano Park in order to meet current and long-term infrastructure services.

### **Goals:**

- Maintain all facilities grounds and public Right of Way (R.O.W.)
- Maintain excellent transportation infrastructure (streets repairs and transportation maintenance)
- Maintain excellent building facilities and work for energy efficiency
- Improve employee proficiency to include educational training and development opportunities
- Mitigate storm water runoff (improve drainage culverts and infrastructure)
- Maintain strategic partnerships with governmental agencies, and consulting organizations to leverage resources essential to improving quality of service, and efficiency
- Provide excellent municipal services while anticipating future requirements

### **Objectives:**

#### **Maintain all facilities grounds and public Right of Way (R.O.W.)**

- Implement a tree maintenance program around City Hall, the triangle, islands (zero scape and trim trees), and 200 – 400 blk of Cliffside properties.
- Continue to provide ground maintenance for the City Hall building, municipal tract, garden areas and islands throughout Shavano Park as well as maintain the integrity of the monuments throughout the City.
- Consider options for landscaping around the NW Mil and DeZavala monument
- Provide ground maintenance for trails within the City.

#### **Maintain excellent transportation infrastructure (streets repairs and transportation maintenance)**

- Implement asphalt preservation applications beginning on the east side of NW Military from Loop 1604 to De Zavala (including DeZavala). Applications include crack seal and fog seal to assist in maintaining pavement conditions within the City
- Provide a full street evaluation and propose a 5 to 10 year street maintenance program and consider future improvements.
- Partner with TxDOT to provide a clean right of way (ROW) along NW Military Hwy, an improved State highway and safer traffic flow
- Initiate a Pothole repair program
- Assess city infrastructure associated with the widening of NW Military and funding sources

#### **Maintain excellent building facilities and work for energy efficiency**

- Continue to investigate energy efficient ideas to help ensure City facilities are energy efficient
- Clean City Hall floor surfaces yearly
- Replace additional HVAC units for City Hall as required – (Original Equipment 2001)
- Reconfigure Public Works yard install motorized gate and security fence

- Extend building in yard for new equipment/trucks
- Purchase a fuel tank to maintain emergency fuel capacity
- Consider and coordinate for installation of a larger septic tank at City Hall (2020)
- Install a new roof for City Hall

Improve employee proficiency to include educational training and development opportunities.

- Provide effective safety and occupational training opportunities to prevent lost time
- Maintain a zero (0) lost time accident rate
- Improve the preventative maintenance program for Public Works equipment to include daily, weekly and monthly checks
- Improve work order communication and efficiency with field staff

Mitigate storm water runoff (improve drainage culverts and infrastructure)

- Coordinate with City Engineer on drainage projects from KFW's study (2017)
- Conduct brush clearing projects as needed and within capability to improve storm water drainage.
- Storm Drainage – Develop a plan and initiate the cleaning of existing culverts and bridge crossings
- Complete Drainage plan culverts at Fawn Drive and Chimney Rock
- Assess, make recommendations on phase II Drainage plan culverts and complete improvements based upon assessment for Windmill and Bent Oak
- Assess the implementation of the previously approved prioritized plan to address City drainage issues; revise the plan and implement as it is feasible

Maintain strategic partnerships with governmental agencies, and consulting organizations to leverage resources essential to improving quality of service, and efficiency

- Provide assistance to CPS / AT&T during the utility pole replacement during 2018/2019
- Provide locates in a timely manner to ensure less risk of utilities being damaged
- Coordinate with TxDOT the utilities that will need relocated along NW Military prior to the MPO project start (Fall 2020)
- Coordinate as required with other service providers (City Public Service, San Antonio Water System, Bexar County, Cable providers, etc.)
- Continue to coordinate with AT&T and other providers on fiber / cable installation

Provide excellent municipal services while anticipating future requirements

- Respond in a prompt manner to earn the trust of residents
- Refine and improve the capital equipment schedule
- Assess Public Works requirements vs. resources for consideration of organizational structure / manning change or increased contracting arrangements for presentation to City Manager / Council
- Purchase new skid steer
- Purchase a mini-excavator using excess funds and other from skid steer
- Purchase a crew cab truck
- Purchase a landscape trailer

## Water Advisory Committee Agenda Form

Meeting Date: July 30, 2018

Agenda item: 6.b

Prepared by: Brandon Peterson/Brenda Morey

Reviewed by: Bill Hill

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### **AGENDA ITEM DESCRIPTION:**

Discussion/action – Recommendation to City Council to approve FY 2018-19 Proposed City Manager Water Fund Budget

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### **Attachments for Reference:**

- a) City Manager FY 2018-19 Proposed Budget
- b) Water Capital Replacement Fund Schedule

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**BACKGROUND / HISTORY:** This is the second full draft of the City Manager's FY 2018-19 Water Utility Budget. The City Manager's proposed budget (attachment a) includes all revenues and expenses for the Water Utility Fund and provides for a balanced budget with no reserve utilization planned for operations, only for capital purchases. Also included for reference purposes, is the Water Capital Replacement Fund (72) and an updated Water Capital Replacement Fund Schedule (attachment b).

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### **DISCUSSION:**

In comparing FY 2017-18 budget to FY 2018-19 budget, operational expenses have decreased by \$51,350 and capital expenses have decreased by \$12,440.

### **Revenue**

The proposed budgeted revenues and transfers in total \$894,299. Revenues are \$865,519, as listed below, and are based on assumptions discussed and agreed upon during prior meetings. Transfers in are \$28,780 and are discussed in more detail in expenses.

Water Consumption (5015): Proposed budget of \$621,347 based on 4yr average of actual revenues provided on prior spreadsheets.

Debt Service (5018): Proposed budget of \$53,453 based on average of 696 active meters with the current flat fee of \$6.40 a month.

Water Service Fee (5019): Proposed budget of \$58,092 based on an average of \$4,841 collected monthly. This revenue is a flat/monthly fee based on the size of the meter. Data provided on a prior spreadsheet.

EAA Pass Thru Charge (5036): Proposed budget of \$83,319 based on the 4yr average of actual gallons sold provided on prior spreadsheets.

Lease of Water Rights (7012): Proposed budget of \$17,108 as the Utility is actively seeking parties to lease the water rights previously under the ASR lease program.

The remaining budgeted revenues from late charges, interest, site tower lease etc. are \$32,200.

Budgeted transfers-in total \$28,780 - to cover one half the cost of the new skid steer (50/50 with Public Works) with Water share being \$12,240, one half the cost of the new mini excavator (50/50 with Public Works) with Water share being \$16,820 partially funded from capital replacement in the amount of \$12,760 with the balance coming from operations and \$3,780 for the on-going meter replacement program.

### **Expenses**

Proposed budgeted expenses total \$894,299 which includes \$569,248 for personnel, supplies, contractual, day to day operations, \$43,840 for capital outlay, and \$93,996 for inter-fund transfers out and \$187,215 for debt service. Below is a summary of the expenses by categories.

The **Personnel (1000's)** category reflects a proposed increase in the budget from FY 2017-18 to FY 2018-19 of \$13,238, approximately 5.2%. The main component of the increase is the 3.5% consensus guidance provided by City Council at the June 25 budget workshop. Health benefits costs increased an average of 3%. Council, in June, provided consensus guidance to increase the defined contribution for each employee by the same percentage or \$16 a month. The total currently proposed for this category is \$267,656

The **Supplies (2000's)** category is decreased slightly by \$500. The proposed budget for the category is \$14,100.

The **Services (3000's)** category has a planned decreased from the prior year's budget of \$7,165. The main change was due to reducing the place holder for outsourcing the printing/mailing of water bills from \$8,000 to \$500 as options are continuing to be evaluated, to shift away from the postcards currently used. The overall proposed total for the category is \$23,760.

The **Contractual (4000's)** category plans decrease of \$51,394 as the purchase of water rights was foregone this year as rights documentation for approximately 15 acre feet previously unknown to the Utility was provided by the EAA. This \$67,100 decrease in expenses was offset by an increase of \$14,039 in EAA fees as the Utility will need to pay for the water management fees for the water rights that were under the ASR Lease program. The total for the category is \$105,227.

The **Maintenance (5000's)** category plans reducing expenses by \$4,500. The total proposed budget for this category is \$15,500.

The **Department Materials-Services (6000's)** category includes a decrease of \$9,729, spread out over several well site locations. The proposed total for this category is \$71,905.

The **Utilities (7000's)** category includes an increase of \$8,700, primarily in the electricity account with a small offset in water. The proposed total for this category is \$71,100.

The **Capital Outlay (8000's)** proposed requests totals \$43,840. The items funded from current revenues include \$1,000 for various minor items such as respirators and parts/tool box and \$10,000 to replace spider water lines in cul-de-sacs. Items funded from the Utility Capital Replacement Fund (72) include \$3,780 for new meters as the meter replacement program is on-going, \$12,240 towards a skid steer (50/50 with Public Works), \$16,820 towards a mini excavator (50/50 with Public Works) with \$12,760 funded thru capital replacement and \$4,060 funded currently.

The **Inter-fund Transfers (9000's)** category reflects a proposed \$93,996 balance. This includes the same amount as previous years for transfer to the General Fund of \$22,050. The funds needed to cover the FY 2018-19 Utility Capital Replacement total is \$71,946. Attachment b details how the capital replacement amount was calculated.

**Debt Service Department (607)** has a budgeted decrease of \$492. The total proposed expense is \$187,215. As a reminder, only the 2009 GO Refunding (Original 2000 CO) has revenues calculated (fees charged) on a flat rate per customer.

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## **COURSES OF ACTION:**

1. Recommendation to City Council to approve the Proposed City Manager FY 2018-19 Budget as presented.
2. Recommendation to City Council to approve the Proposed City Manager FY 2018-19 Budget to include changes as discussed.

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**FINANCIAL IMPACT:** Varies

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**STAFF RECOMMENDATION:** Recommendation to City Council to approve the Proposed City Manager FY 2018-19 Budget as presented.



# City of Shavano Park



*Together We Can!*

## FY 2018-19 Budget July 09, 2018

Capital / Major Purchases – **Department Requirements**  
– City Manager/ Department Directors

- Water
- Public Works



# Water Fund – Capital Improvement



*Together We Can!*

- TBD'ed

# Water Prioritized List

*Together We Can!*



Priority	Description	Cost	Funded In Capital Replacement	Additional Required	Included in CM 18/19 Budget
1	Skid Steer (Split with Water) - Cost is \$24,480: Have \$50K	\$ 12,240	\$ 25,000	\$ 0	Yes
2	Mini Excavator (Split with Water) - Cost is \$32,000; Use \$ 12,760 from Skid	\$ 16,820	Partially	\$ 4,060	Yes
3	Purchase 14 ac/ft Water Rights	\$ 65,000	No	\$ 0	No
4	VFDs on Well #5 and #9	\$ 25,000	No	\$ 0	No
5	Raise Fire Hydrants x 5	\$ 3,000	No	\$ 3,000	Yes
6	Replace 20 Water Meters	\$ 4,500	\$ 11,000	\$ 0	Yes
7	Replace Dead ends in Cul-de-sac and repave (1x)	\$ 10,000	No	\$ 10,000	Yes
8	Repaint the Huebner Ground Storage Roof	\$ 20,000	No	\$ 0	2018
9	Shavano Ground Storage Tank Capacity	\$ 75,000	No	\$ 0	No
10	Install an intruder protection to prevent roof access (Huebner tank)	\$ 1,500	No	\$ 0	Yes
11	Install fall protection in all three water storage tanks (2x GST and EST)	\$ 5,400	No	\$ 0	No



Priority	Description	Cost	Funded In Capital Replacement	Additional Required	Included in CM 18/19 Budget
12	Build shade structures over the drive shaft motors to preserve and extend life of the motors	\$ 6,500	No	\$ 0	No
13	Purchase GIS License	\$ 500	No	\$ 500	Yes
14	Contract out scanning of all as-builts of the water system to apply to GIS	\$ 5,500	No	\$ 0	2018
15	Install Warehouse shelving	\$ 8,000	No	\$ 0	No
16	Purchase and install a pipe storage rack	\$ 1,000	No	\$ 0	No
17	GPS Valves and Meters across system	\$ 22,500	No	\$ 0	No
18	Replace Well Site #7 Pump, Motor, Water Column, Drive Shaft (entire system)	\$ 60,000	Partial	As Needed	No



# Public Works Prioritized List



*Together We Can!*

Priority	Description	Cost	Funded In Capital Replacement	Additional Required	Included in CM 18/19 Budget
1	Replace City Hall Roof - 2019? - 2020? Other	\$ 95,000	\$ 81,954	\$ 13,046	Yes
2	Install larger septic tank (City Hall) - Only one quote as far - Should be able to split with Bexar 911	\$ 88,500	\$ 0	\$ TBD'ed	No
3	Skid Steer (Split with Water) - Cost is \$24,480: Have \$50K	\$ 12,240	\$ 25,000	\$0	Yes
4	Mini Excavator (Split with Water) - Cost is \$32,000; Use \$ 12,760 from Skid	\$ 16,820	Partially	\$ 4,060	Yes
5	Motorized Gate (Yard)/Fence	\$ 15,000	\$ 0	\$ 15,000	Yes
6	Continue Tree Maintenance Program	\$ 10,000	\$ 0	\$ 10,000	Yes
7	Continue Ground Maintenance Program	\$ 5,000	\$ 0	\$ 5,000	Yes
8	Emergency Generator for the Emergency Operation Center and PW/W (Fire Admin. and share with PW Office) - 25KW Generator costs approx. \$50,000 - Split 50/50 with Fire Department	\$ 25,000	\$ 0	\$ 25,000	No



# Public Works Prioritized List



*Together We Can!*

Priority	Description	Cost	Funded In Capital Replacement	Additional Required	Included in CM 18/19 Budget
9	PW Truck (Crew Cab) Replace 1996 - Could use \$40,000 from below line to fund	\$ 40,000	\$ 0	\$ 40,000	Yes
10	Plan, Surveying, and Engineer Design - For NW Military widening (Utilities)	\$ TBD'ed	\$ 0	\$ TBD'ed	No
11	Purchase Fuel Tank	\$ 4,000	\$ 0	\$ 4,000	Yes
12	Director Truck (Crew Cab)	\$ 40,000	\$ 0	\$ 40,000	No
13	HVAC – City Hall x 1	\$ 8,000	\$ 8,000	\$ 0	Yes
14	Purchase a Landscape Trailer	\$ 4,723	\$ 0	\$ 4,723	Yes
15	Extend the Equipment Building in yard	\$ 10,000	\$ 0	\$ 10,000	Yes
16	Pavement of access area into PW Yard	\$ 20,000	\$ 0	\$ 20,000	No
17	ATV Ground Maintenance	\$ 15,000	\$ 0	\$ 15,000	No
18	Construction Material Concrete Bins	\$ 8,000	\$ 0	\$ 8,000	No



# City of Shavano Park



*Together We Can!*

## Take Aways

- **Funding Decisions based upon priority and available revenue**
- **Capital Replacement Fund Updated (90-95%)**
- **May be some flexibility to fund Capital Replacement from Interest Revenue / Fund Balance**
- **Any additional comments or suggestions?**

CITY OF SHAVANO PARK  
PROPOSED BUDGET WORKSHEET  
AS OF: JULY 31ST, 2018

20 -WATER FUND

	(----- 2017-2018 -----) (----- 2018-2019 -----)							
REVENUES	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
NON-DEPARTMENTAL								
=====								
WATER SALES								
20-599-5015 WATER CONSUMPTION	602,875	585,411	658,287	609,034	521,613	620,000	621,347	_____
20-599-5016 LATE CHARGES	7,386	8,357	4,412	7,000	4,839	5,000	6,000	_____
20-599-5017 CAPITAL RESERVE FUND	0	0	0	0	0	0	0	_____
20-599-5018 DEBT SERVICE	53,498	53,382	53,555	53,376	44,576	53,376	53,453	_____
20-599-5019 WATER SERVICE FEE	57,978	57,980	58,605	58,092	48,951	58,092	58,092	_____
20-599-5036 EAA PASS THRU CHARGE	80,569	79,313	87,732	82,626	70,919	82,626	83,319	_____
20-599-5037 CONNECTION/DISCONNECT FEE	0	0	2,800	0	0	0	0	_____
20-599-5040 TAPPING FEES	0	0	750	0	0	0	0	_____
20-599-5045 WATER MONITOR REIMBURSEMENT	0	0	0	0	0	0	0	_____
TOTAL WATER SALES	802,305	784,443	866,141	810,128	690,897	819,094	822,211	_____
MISC./GRANTS/INTEREST								
20-599-7000 INTEREST INCOME	1,958	3,139	6,852	5,000	8,609	8,750	9,500	_____
20-599-7011 OTHER INCOME	277	3,406	40	500	49	24	0	_____
20-599-7012 LEASE OF WATER RIGHTS	9,600	7,043	7,000	8,800	7,500	7,500	17,108	_____
20-599-7040 ASR LEASE PROGRAM	24,000	36,000	24,000	24,000	24,000	24,000	0	_____
20-599-7050 SYSTEM DAMAGE REIMBURSEMENT	0	0	0	0	0	0	0	_____
20-599-7060 CC SERVICE FEES	0	0	337	4,000	418	600	1,200	_____
20-599-7075 SITE/TOWER LEASE REVENUE	13,903	14,320	14,749	15,165	11,391	15,201	15,500	_____
20-599-7090 SALE OF FIXED ASSETS	0	0	( 18,787)	0	4,705	4,705	0	_____
20-599-7097 INSURANCE PROCEEDS	0	2,390	45,707	0	0	0	0	_____
TOTAL MISC./GRANTS/INTEREST	49,737	66,297	79,897	57,465	56,673	60,780	43,308	_____
TRANSFERS IN								
20-599-8000 PROCEEDS FROM BOND SALE	0	0	0	0	0	0	0	_____
20-599-8072 TRF IN - CAPITAL REPLACEMEN	0	0	0	3,780	0	20,180	28,780	_____
WATER METER REPLACEMENT	0	0.00						3,780
SKID STEER (50/50)	0	0.00						12,240
MINI EXCAVATOR	0	0.00						12,760
20-599-8090 PRIOR PERIOD ADJUSTMENT	0	0	0	0	0	0	0	_____
20-599-8099 TRF IN - RESERVES	0	0	0	124,749	0	124,749	0	_____
TOTAL TRANSFERS IN	0	0	0	128,529	0	144,929	28,780	_____
TOTAL NON-DEPARTMENTAL								
	852,042	850,740	946,038	996,122	747,570	1,024,803	894,299	_____
TOTAL REVENUES								
	852,042	850,740	946,038	996,122	747,570	1,024,803	894,299	=====

CITY OF SHAVANO PARK  
PROPOSED BUDGET WORKSHEET  
AS OF: JULY 31ST, 2018

20 -WATER FUND  
WATER DEPARTMENT

	(----- 2017-2018 -----) (----- 2018-2019 -----)							
EXPENDITURES	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
<b>PERSONNEL</b>								
606-1010 SALARIES	135,504	150,066	148,231	173,594	139,304	173,594	185,260	
606-1015 OVERTIME	3,551	17,067	8,280	7,600	7,272	8,000	7,000	
606-1020 MEDICARE	2,051	2,485	2,398	2,523	2,176	2,632	2,615	
606-1025 TWC (SUI)	156	684	55	828	508	486	828	
606-1030 HEALTH INSURANCE	13,661	22,530	19,442	25,776	18,319	20,467	26,544	
606-1031 HSA	2,918	161	142	178	109	178	178	
606-1033 DENTAL INSURANCE	1,091	1,377	1,361	1,480	1,033	1,480	1,480	
606-1035 VISION CARE INSURANCE	342	357	319	365	247	365	325	
606-1036 LIFE INSURANCE	286	322	301	318	246	318	318	
606-1037 WORKERS' COMP INSURANCE	3,998	4,528	4,398	6,153	3,865	5,465	6,551	
606-1040 TMRS RETIREMENT	3,331	0	22,423	23,903	18,874	24,951	25,157	
606-1070 SPECIAL ALLOWANCES	2,197	8,285	6,658	11,700	7,235	9,150	11,400	
606-1099 PERSONNEL CONTINGENCY	0	0	0	0	0	0	0	
TOTAL PERSONNEL	169,085	207,863	214,007	254,418	199,187	247,086	267,656	
<b>SUPPLIES</b>								
606-2010 DATA PROCESSING SUPPLIES	0	0	0	0	0	0	0	
606-2020 OFFICE SUPPLIES	943	1,596	1,724	1,400	1,330	1,400	1,400	
606-2030 POSTAGE	3,688	3,043	3,018	4,000	2,315	2,500	2,500	
POSTAGE	0	0.00					2,000	
ANNUAL CCR REPORT	0	0.00					250	
ANNUAL BULK MAIL PERMIT	0	0.00					250	
606-2050 PRINTING & COPYING	441	931	722	500	459	500	600	
606-2060 MED EXAMS/SCREENING/TESTING	0	39	544	0	147	147	0	
606-2070 JANITORIAL SUPPLIES	0	0	0	500	0	100	100	
606-2075 BANK/CREDITCARD FEES	4,015	5,950	5,485	4,000	4,752	5,650	5,100	
MONTHLY AVERAGE \$425	0	0.00					5,100	
606-2080 UNIFORMS	0	843	1,102	1,000	603	750	1,200	
NEW BOOTS AND CLOTHING	0	0.00					1,200	
606-2090 SMALL TOOLS	1,206	1,060	1,314	2,000	1,900	2,000	2,000	
606-2091 SAFETY SUPPLIES/EQUIPMENT	0	993	1,818	1,200	1,173	1,200	1,200	
TOTAL SUPPLIES	10,294	14,456	15,727	14,600	12,678	14,247	14,100	
<b>SERVICES</b>								
606-3010 ADVERTISING	0	0	0	0	0	0	0	
606-3012 ENGINEERING SERVICES	2,265	3,710	6,000	1,000	191	192	1,000	
BASIC MISC SERVICES	0	0.00					500	
NW MILITARY LINE LOCAT	0	0.00					500	
606-3013 PROFESSIONAL SERVICES	0	0	0	8,000	0	0	500	
WATER BILL PRINT-OUTSOU	0	0.00					500	
606-3020 ASSOCIATION DUES & PUBS	847	716	895	1,800	921	850	2,215	
TWUA	0	0.00					360	
S.A.R.A. ANNUAL FEE	0	0.00					200	
S.A.R.A DUES - SEPARATE	0	0.00					200	
REG WTR RES DEV (RWRD)	0	0.00					300	

20 -WATER FUND  
WATER DEPARTMENT

			(----- 2017-2018 -----) (----- 2018-2019 -----)					
EXPENDITURES	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
AWWA - AMER WTR WKS ASS	0	0.00						100
Stormwater Impact Fee	0	0.00						100
TRWA - TX RURAL WATER A	0	0.00						325
WATER LICENSE RENEWALS	5	111.00						555
TX MUNI UTILITIES ASSN	0	0.00						75
606-3030 TRAINING/EDUCATION	222	4,655	2,859	3,000	2,463	2,800	3,000	
606-3040 TRAVEL/MILEAGE/LODGING/PERD	501	1,678	1,387	1,500	1,407	1,500	1,500	
606-3050 INSURANCE - LIABILITY	2,613	2,880	3,022	3,022	3,683	3,683	3,795	
606-3060 UNIFORM SERVICES	1,755	1,383	1,533	2,000	1,288	1,650	3,000	
606-3070 INSURANCE - PROPERTY	1,300	1,432	1,503	1,503	1,832	1,832	1,850	
606-3075 WATER CONSERVATION EDUCATIO	0	0	0	100	0	0	100	
606-3080 SPECIAL SERVICES	0	10	0	0	76	100	300	
SA HAZARDOUS MAT'L PERM	0	0.00						300
606-3082 WATER ANALYSIS FEES	5,299	3,949	7,421	9,000	4,628	6,000	6,500	
WATER ANALYSIS FEES	0	0.00						2,145
TCEQ ANNUAL WATER TESTI	0	0.00						2,500
DSHS CENTRAL LAB - TCEQ	0	0.00						1,805
TIER II REPORT FEES - A	0	0.00						50
606-3090 COMMUNCIATIONS SERVICES	0	0	0	0	0	832	0	
	0.00							0
TOTAL SERVICES	14,803	20,413	24,620	30,925	16,490	17,775	23,760	
CONTRACTUAL								
606-4075 COMPUTER SOFTWARE/INCODE	5,220	5,138	7,597	8,625	4,662	5,800	10,292	
INCODE-UTILITYSOFTWARE	0	0.00						2,825
INCODE-METER READER INT	0	0.00						600
INCODE-BILLPAY WEB HOST	0	0.00						1,200
INCODE-BILL PAY ONLINE	0	0.00						336
INCODE - HAND HELD METE	0	0.00						606
BEACON METER SOFTWARE	0	0.00						1,810
SCADA SOFTWARE UPDATES	0	0.00						2,340
SCADA ANTIVIRUS - 2 COM	0	0.00						75
GIS LICENSE	0	0.00						500
606-4082 TRINITY WATER WELL PROJECT	0	0	0	0	0	0	0	
606-4085 EAA -WATER MANAGEMENT FEES	109,748	75,735	75,726	70,045	58,552	69,765	84,084	
MONTHLY EAA FEES	1,001	40.00						40,040
MONTHLY HABITAT FEE	1,001	44.00						44,044
606-4086 CONTRACT LABOR	0	5,513	100	0	0	0	0	
606-4099 WATER RIGHTS/LEASE PAYMENTS	48,019	47,969	33,292	77,951	78,227	78,227	10,851	
RWRDG-ADMIN FEE 1 1/2%	0	0.00						851
100 AF - P102-648	0	0.00						10,000
PURCHASE 13 AC/FT	5,000	0.00						0
TOTAL CONTRACTUAL	162,987	134,355	116,715	156,621	141,441	153,792	105,227	

CITY OF SHAVANO PARK  
PROPOSED BUDGET WORKSHEET  
AS OF: JULY 31ST, 2018

20 -WATER FUND  
WATER DEPARTMENT

	(----- 2017-2018 -----) (----- 2018-2019 -----)							
EXPENDITURES	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
MAINTENANCE								
606-5005 EQUIPMENT LEASES	624	1,647	1,883	2,000	1,954	2,000	1,500	
606-5010 EQUIPMENT MAINT & REPAIR	1,294	6,862	8,937	9,000	2,448	3,500	6,500	
606-5015 ELECTRONIC EQPT MAINTENANCE	18	370	89	500	0	150	500	
606-5020 VEHICLE MAINTENANCE	428	5,441	1,914	3,000	1,902	7,000	2,000	
606-5030 BUILDING MAINTENANCE	1,320	1,118	2,962	2,000	3,623	4,000	2,000	
GENERAL 0	0.00							2,000
606-5060 VEHICLE & EQPT FUELS	5,104	3,833	4,282	3,500	2,345	3,000	3,000	
606-5099 CONTINGENCY	0	0	0	0	0	0	0	
TOTAL MAINTENANCE	8,788	19,271	20,067	20,000	12,272	19,650	15,500	
DEPT MATERIALS-SERVICES								
606-6011 CHEMICALS	11,852	19,678	17,163	14,000	16,763	17,000	17,000	
606-6050 WATER METERS & BOXES	45	( 5,967)	2,193	1,134	5,224	5,224	4,500	
MAINTENANCE-METER/BOX R 0	0.00							4,500
606-6055 FIRE HYDRANTS	0	2,918	1,691	2,000	3,367	3,367	3,000	
MAINTENANCE 0	0.00							3,000
606-6060 HUEBNER STORAGE TANK	8,600	10,922	20,988	8,000	13,227	8,081	6,000	
GENERAL 0	0.00							6,000
606-6061 ELEVATED STORAGE TANK- #1 W	3,615	5,076	11,598	5,000	2,936	3,000	3,000	
GENERAL 0	0.00							3,000
606-6062 WELL SITE #2-EAA MONITORED	0	432	75	500	0	0	100	
606-6063 WELL SITE #3-NOT OPERATION	7	0	0	0	0	0	0	
606-6064 WELL SITE #4-NOT OPERATION	0	0	0	0	0	0	0	
606-6065 WELL SITE #5-EDWARDS BLENDI	346	1,400	4,214	3,000	3,721	3,721	3,000	
606-6066 WELL SITE #6-MUNI TRACT	334	2,040	9,299	3,000	8,887	13,500	1,000	
606-6067 WELL SITE #7	3,184	1,006	6,873	5,000	5,557	6,000	5,000	
GENERAL 0	0.00							5,000
606-6068 WELL SITE #8	1,377	2,209	9,092	5,000	2,132	2,500	3,500	
GENERAL 0	0.00							3,500
606-6069 WELL SITE #9-TRINITY	8,898	40,087	182,801	5,000	2,408	1,000	2,000	
606-6070 SCADA SYSTEM MAINTENANCE	1,558	9,224	1,233	2,000	4,967	5,000	2,000	
606-6071 SHAVANO DRIVE PUMP STATION	11,136	56,681	21,239	10,000	19,958	21,500	7,000	
606-6072 WATER SYSTEM MAINTENANCE	8,614	21,181	20,101	15,000	19,432	20,000	13,305	
606-6073 WATER TANK MAINTENANCE	0	0	0	0	0	0	0	
606-6080 STREET MAINT SUPPLIES	333	187	3,294	3,000	527	1,000	1,500	
TOTAL DEPT MATERIALS-SERVICES	59,899	167,074	311,854	81,634	109,106	110,893	71,905	
UTILITIES								
606-7005 UTILITIES - GAS	0	0	0	0	0	0	0	
606-7040 UTILITIES - ELECTRIC	71,441	66,188	79,063	61,000	53,724	70,000	70,000	
606-7042 UTILITIES - PHONE/CELL	1,062	0	814	800	754	800	800	
606-7044 UTILITIES - WATER	368	320	348	600	216	300	300	
TOTAL UTILITIES	72,870	66,508	80,225	62,400	54,694	71,100	71,100	

CITY OF SHAVANO PARK  
PROPOSED BUDGET WORKSHEET  
AS OF: JULY 31ST, 2018

20 -WATER FUND  
WATER DEPARTMENT

	(----- 2017-2018 -----) (----- 2018-2019 -----)							
EXPENDITURES	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
<b>CAPITAL OUTLAY</b>								
606-8010 NON-CAP ELECTRONIC EQUIPMEN	0	0	6,091	1,000	0	1,000	0	
606-8015 NON-CAPITAL - COMPUTERS	535	0	0	0	0	0	0	
COMPUTER/MONITOR 0	400.00							0
606-8020 NON-CAPITAL MAINTENANCE EQU	0	8,214	2,408	6,500	5,002	5,500	1,000	
RESPIRATORS (MASK-CARTR 1	500.00							500
PARTS/TOOL BOX - VEHICL 1	500.00							500
606-8025 NON-CAPITAL - OFFICE FURNIT	0	0	0	0	0	0	0	
606-8045 CAPITAL-COMPUTER EQUIPMENT	0	0	11,000	0	0	0	0	
606-8050 CAPITAL - VEHICLES	0	0	0	0	0	0	0	
DIRECTOR'S TRUCK 50/50 0	20,000.00							0
606-8060 CAPITAL- EQUIPMENT	0	0	30,000	5,000	4,906	4,906	29,060	
SKID STEER 50/50 0	0.00							12,240
MINI EXCAVATOR 50/50 0	0.00							16,820
606-8080 WATER SYSTEM IMPROVEMENTS	0	0	253,149	40,000	43,909	45,000	10,000	
REPL SPIDERS IN CUL DE 0	0.00							10,000
606-8081 CAPITAL - BUILDING	91,363	0	15,237	0	0	0	0	
606-8085 CAPITAL-WATER TOWER/STORAGE	0	192,258	11,976	0	0	0	0	
606-8087 WATER METER REPLACEMENT	29,510	0	2,575	3,780	5,748	5,562	3,780	
METER 0	0.00							3,780
TOTAL CAPITAL OUTLAY	121,408	200,472	332,434	56,280	59,564	61,968	43,840	
<b>INTERFUND TRANSFERS</b>								
606-9000 EOY ASSET RECLASS ( 91,363)	( 91,363)	( 192,258)	( 316,938)	0	0	0	0	
606-9010 TRF TO GENERAL FUND	22,050	22,050	79,312	22,050	0	22,050	22,050	
606-9011 TRF TO DEBT SERVICE	0	0	0	0	0	0	0	
606-9012 TRANSFERS/CAPITAL REPLACEME	0	0	0	0	0	0	0	
606-9020 TRF TO CAPITAL REP. FUND 72	0	0	0	109,487	109,487	109,487	71,946	
INFRASTRUCTURE 0	0.00							34,845
VEHICLES/EQUIPMENT 0	0.00							31,377
METER REPLACEMENT 0	0.00							5,724
606-9050 BAD DEBT EXPENSE	0	0	0	0	0	0	0	
606-9090 DEPRECIATION EXPENSE	196,615	195,206	203,800	0	0	0	0	
606-9095 PENSION EXPENSE	15,250	21,989	6,066	0	0	0	0	
TOTAL INTERFUND TRANSFERS	142,552	46,987	( 27,760)	131,537	109,487	131,537	93,996	
<b>TOTAL WATER DEPARTMENT</b>								
TOTAL WATER DEPARTMENT	762,686	877,401	1,087,891	808,415	714,918	828,048	707,084	

CITY OF SHAVANO PARK  
PROPOSED BUDGET WORKSHEET  
AS OF: JULY 31ST, 2018

20 -WATER FUND  
DEBT SERVICE

	(----- 2017-2018 -----) (----- 2018-2019 -----)							
EXPENDITURES	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
CAPITAL OUTLAY								
607-8000 BOND PRINCIPAL EOY	( 83,908)	( 85,963)	( 120,963)	0	0	0	0	
607-8010 BOND PRINCIPAL PAYMENT	0	0	0	0	0	0	0	
607-8011 ACCRUED BOND INTEREST	( 346)	0	( 3,571)	0	0	0	0	
607-8012 2009 CO - PRINCIPAL	50,000	50,000	55,000	0	0	0	0	
607-8013 2009 CO - INTEREST	98,455	96,830	72,883	0	0	0	0	
607-8014 2009 GO REFUND - PRINCIPAL	33,908	35,963	35,963	36,990	36,990	36,990	40,073	
607-8015 2009 GO REFUND - INTEREST	18,772	17,724	16,556	15,279	7,963	15,279	13,830	
607-8016 2017 GO REFUNDING (2009) PR	0	0	30,000	65,000	65,000	65,000	65,000	
607-8017 2017 GO REFUNDING (2009) IN	0	0	10,215	70,288	37,600	70,288	68,163	
607-8020 BOND UNAMORTIZED LOSS	2,693	2,693	2,027	0	0	0	0	
607-8030 BOND AGENT FEES	0	150	150	150	0	200	150	
607-8035 BOND ISSUANCE COSTS	0	0	76,349	0	0	0	0	
TOTAL CAPITAL OUTLAY	119,575	117,397	174,609	187,707	147,553	187,757	187,215	
TOTAL DEBT SERVICE								
	119,575	117,397	174,609	187,707	147,553	187,757	187,215	
TOTAL EXPENDITURES								
	882,261	994,798	1,262,499	996,122	862,471	1,015,805	894,299	
REVENUE OVER/ (UNDER) EXPENDITURES								
	( 30,219)	( 144,058)	( 316,462)	0	( 114,901)	8,998	( 0)	

72 -WATER CAPITAL REPLACEMENT

	2014-2015	2015-2016	2016-2017	(----- 2017-2018 -----)	(----- 2018-2019 -----)			
REVENUES	ACTUAL	ACTUAL	ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
<hr/>								
NON-DEPARTMENTAL								
=====								
TRANSFERS IN								
72-599-8010 INTEREST INCOME	0	0	0	0	0	0	0	
72-599-8020 TRANSFER FROM WATER FUND	0	0	0	109,487	109,487	109,487	71,946	
TOTAL TRANSFERS IN	0	0	0	109,487	109,487	109,487	71,946	
<hr/>								
TOTAL NON-DEPARTMENTAL	0	0	0	109,487	109,487	109,487	71,946	
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TOTAL REVENUES	0	0	0	109,487	109,487	109,487	71,946	
	=====	=====	=====	=====	=====	=====	=====	=====

CITY OF SHAVANO PARK  
PROPOSED BUDGET WORKSHEET  
AS OF: JULY 31ST, 2018

72 -WATER CAPITAL REPLACEMENT  
WATER DEPARTMENT

	(----- 2017-2018 -----) (----- 2018-2019 -----)							
EXPENDITURES	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 ACTUAL	CURRENT BUDGET	Y-T-D ACTUAL	PROJECTED YEAR END	REQUESTED BUDGET	PROPOSED BUDGET
<hr/>								
CONTRACTUAL								
606-4050 VEHICLE PURCHASE	0	0	0	0	0	0	0	
TOTAL CONTRACTUAL	0	0	0	0	0	0	0	
CAPITAL OUTLAY								
606-8060 CAPITAL - EQUIPMENT	0	0	0	0	0	0	0	
606-8087 WATER METER REPLACEMENT	0	0	0	3,780	0	0	0	
TOTAL CAPITAL OUTLAY	0	0	0	3,780	0	0	0	
INTERFUND TRANSFERS								
606-9020 TRANSFER TO WATER UTILITY	0	0	0	0	0	20,180	28,780	
SKID STEER (50/50) 0	0.00							12,240
MINI EXCAVATOR (50/50) 0	0.00							12,760
WATER METER REPLACEMENT 0	0.00							3,780
TOTAL INTERFUND TRANSFERS	0	0	0	0	0	20,180	28,780	
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TOTAL WATER DEPARTMENT	0	0	0	3,780	0	20,180	28,780	
<hr/>								
TOTAL EXPENDITURES	0	0	0	3,780	0	20,180	28,780	
	=====	=====	=====	=====	=====	=====	=====	=====
REVENUE OVER/ (UNDER) EXPENDITURES	0	0	0	105,707	109,487	89,307	43,166	
	=====	=====	=====	=====	=====	=====	=====	=====
<hr/>								
OTHER FINANCING SOURCES & USES								
OTHER SOURCES								
72-599-9010 TRANSFER FROM GENERAL FUND	0	0	0	0	0	0	0	
TOTAL OTHER SOURCES	0	0	0	0	0	0	0	
<hr/>								
TOTAL OTHER SOURCES & USES	0	0	0	0	0	0	0	
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REVENUE & OTHER SOURCES OVER/ (UNDER) EXPENDITURES & OTHER (USES)	0	0	0	105,707	109,487	89,307	43,166	

2018/2019 PROPOSED WATER FUND EQUIPMENT REPLACEMENT SCHEDULE												
			Estimated	Estimated		Designated	Council	2017/2018	Designated	Proposed	Designated	Total
		Year	Replacement	Scheduled	Total	Balance	Adopted	Funding	Balance	Additional	Additional	Designated
		Model	Cost	Year To	Life	Thru	2017/2018	(Spent)	Thru	Funding	Future Yrs	Designated
				Replace	(yrs)	09/30/2017	09/30/2018	Transfers	09/30/2018	09/30/2019	Funding	Balance
<b>Meter Replacement Program</b>												
706 meters at \$214	various		\$ 151,084	various	10	\$ 88,366	\$ 10,100	\$ (3,780)	\$ 94,686	\$ 5,724	\$ 50,674	\$ 151,084
<b>Water Distribution System</b>												
	various		TBD	unknown		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Vehicles/Equipment</b>												
Bobcat Skid-Steer Loader (\$50,000 - 50/50)	1999		\$ 25,000	2019	15	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000
Case Backhoe (\$66,100 - 50/50)	2017		33,050	2042	25	-	473	-	473	1,357	31,220	33,050
Public Works Director Truck (\$40,000 - 50/50)	2021		20,000	2020	15	-	473	-	473	7,527	12,000	20,000
Vactron	2017		60,000	2047	30	2,000	473	-	2,473	959	56,568	60,000
F250 Ford Utility Truck #1	2014		40,000	2029	15	1,000	473	-	1,473	3,502	35,025	40,000
Ford F350 Flatbed/Tilt Bed '08 (3492) (\$60,000 - 50/50)	2001		30,000	2031	30	1,500	473	-	1,973	2,156	25,871	30,000
Chevrolet Silverado HD3500 (2283) (\$45,000 50/50)	2013		22,500	2028	15	2,293	473	-	2,766	1,973	17,761	22,500
5 yd International Dump Truck (\$80,000, 50/50)	2006		40,000	2031	25	4,000	473	-	4,473	2,733	32,794	40,000
Ingersol Rand Air Compressor	2006		8,000	2026	20	1,000	473	-	1,473	816	5,711	8,000
SCADA System Main	2017		235,000	2037	20	16,359	11,571	-	27,930	10,354	196,716	235,000
<b>Vehicle/Equipment Sub Totals</b>			\$ 513,550			\$ 53,152	\$ 15,355	\$ -	\$ 68,507	\$ 31,377	\$ 413,666	\$ 513,550
<b>General Buildings</b>												
PW/W Shop	UNK		\$ 150,000								150,000	150,000
Vehicle Covered Parking	2017		\$ 10,000								10,000	10,000
PW/W Administration Building	2015		\$ 150,000								150,000	150,000
<b>Huebner Plant</b>												
Electric Panel	2013		\$ 20,000	2028	15							
500K Gallon Ground Storage Tank												
Repaint	2013		50,000	2023	10							
New construction \$750,000	1992											
Cathodic Protection	UNK		15,000		30							
60 HP Booster Pump/motor #1	2013		18,000	2023	10							
60 HP Booster Pump/motor #2	2013		18,000	2023	10							
125 HP Booster Pump/motor	2013		20,000	2023	10							
VFD Yaskawa P7 #1	2013		12,000	2028	15							
VFD Yaskawa P7 #2	2013		12,000	2028	15							
VFD Yaskawa P7 #3	2013		12,000	2028	15							
AC Unit	2013		5,000	2023	10							
Drive Shaft Motor (Detroit)	1992		25,000	2017	25							
<b>Huebner Plant- Equipment subtotal</b>			\$ 207,000			\$ 99,740	\$ 32,174	\$ -	\$ 131,914	\$ 3,754	\$ 71,332	\$ 207,000
VFD Building	2013		\$ 10,000	2063	50	-	-	-	-	-	10,000	10,000
Fence	1992		10,000	2042	50	-	-	-	-	-	10,000	10,000
<b>Huebner Plant- total</b>			\$ 227,000			\$ 99,740	\$ 32,174	\$ -	\$ 131,914	\$ 3,754	\$ 91,332	\$ 227,000

2018/2019 PROPOSED WATER FUND EQUIPMENT REPLACEMENT SCHEDULE												
			Estimated	Estimated		Designated	Council	2017/2018	Designated	Proposed	Designated	Total
		Year	Replacement	Scheduled	Total	Balance	Adopted	Funding	Balance	Additional	Additional	Designated
		Model	Cost	Year To	Life	Thru	Funding	(Spent)	Thru	Funding	Future Yrs	Balance
				Replace	(yrs)	09/30/2017	09/30/2018	Transfers	09/30/2018	09/30/2019	Funding	
<b>Well #1</b>												
Elevated Storage Tank (150K Gallons) (new \$450,000)												
	Repaint, cost saving to paint vs replace	2016	\$ 200,000	2046	30							
	Cathodic Protection	2016	15,000	2046	30							
Ground Storage Tank (110K Gallons) (new \$110,000)												
	Repaint, cost saving to paint vs replace	2010	50,000	2030	20							
	Cathodic Protection	2017	12,000	2047	30							
	20 HP Goulds booster pump/motor - #1	2017	6,000	2027	10							
	20 HP Goulds booster pump/motor - #2	2018	6,000	2028	10			(6,000)				
	VFD Yaskawa iQ1000 #1	2016	8,000	2026	10							
	VFD Yaskawa iQ1000 #2	2016	8,000	2026	10							
	Electric Panel	2013	15,000	2028	15							
Mioxx System												
	2 - 100 gallon filter tanks	2013	15,000	2033	20							
	mioxx - cells and all cabinet components	2013	15,000	2023	10							
	Chlorine tank	2013	500	2028	15							
	Air compressor to actuate the sand filter valves	2018	400	2028	10							
	chlorine pump #1 - New	2017	5,500	2027	10							
	Chlorine Pump #2 - refurbished	2017	5,500	2027	10							
	Kinetico water softener	2013	3,000	2023	10							
	Chiller	2013	1,500	2018	5							
	Turbidity Meter	2013	1,000	2018	5							
	Sand Filters	2013	100,000	2033	20							
	Sand Filters - media	2016	10,000	2019	3							
	Back Wash Filters	2013	5,000	2033	20							
	Back Wash Tank	2013	25,000	2053	40							
	Well #1 - Open hole		15,000									
	<b>Well #1 Equipment subtotal</b>		<b>\$ 522,400</b>			<b>\$ 95,740</b>	<b>\$ 22,770</b>	<b>\$ (6,400)</b>	<b>\$ 112,110</b>	<b>\$ 13,463</b>	<b>\$ 396,827</b>	<b>\$ 522,400</b>
	Mioxx Building	2013	\$ 20,000	2113	100						\$ 20,000	\$ 20,000
	Chlorine Bulk storage building	2017	10,000	2117	100						10,000	10,000
	Drying Beds	2017	8,000	2117	100						8,000	8,000
	Verizon Building	1990	20,000	2090	100						20,000	20,000
	Green Shed	1980	10,000	2080	100						10,000	10,000
	Fence	2018	16,000	2048	30						16,000	16,000
	<b>Well #1 total</b>		<b>\$ 606,400</b>			<b>\$ 95,740</b>	<b>\$ 22,770</b>	<b>\$ (6,400)</b>	<b>\$ 112,110</b>	<b>\$ 13,463</b>	<b>\$ 480,827</b>	<b>\$ 606,400</b>
<b>Well #5</b>												
	Electric Panel	2005	\$ 15,000	2020	15							
	Pump and Motor (All components in the well)	2014	35,000	2018	10			(10,000)				
Chlorine Equipment												
	Scales	2014	2,200	2024	10							
	Regulator	2018	1,000	2028	10							
	Injector	2018	500	2028	10							
	Pump	2014	1,200	2024	10							
	Leak Detector	2014	500	2024	10							
	Meter	2017	1,500	2027	10							
	<b>Well #5 Equipment subtotal</b>		<b>\$ 56,900</b>			<b>\$ 15,289</b>	<b>\$ 4,051</b>	<b>\$ (10,000)</b>	<b>\$ 9,340</b>	<b>\$ 1,897</b>	<b>\$ 45,663</b>	<b>\$ 56,900</b>
	Chlorine Building	2014	\$ 5,000	2064	50						5,000	5,000
	Fence	1990	3,000	2040	50						3,000	3,000
	<b>Well #5 total</b>		<b>\$ 64,900</b>			<b>\$ 15,289</b>	<b>\$ 4,051</b>	<b>\$ (10,000)</b>	<b>\$ 9,340</b>	<b>\$ 1,897</b>	<b>\$ 53,663</b>	<b>\$ 64,900</b>

2018/2019 PROPOSED WATER FUND EQUIPMENT REPLACEMENT SCHEDULE												
			Estimated	Estimated		Council			Designated	Proposed	Designated	Total
		Year	Replacement	Scheduled	Total	Balance	Adopted	2017/2018	Balance	Additional	Additional	Total
		Model	Cost	Year To	Life	Thru	Funding	Funding	Thru	Funding	Future Yrs	Designated
				Replace	(yrs)	09/30/2017	09/30/2018	Transfers	09/30/2018	09/30/2019	Funding	Balance
<b>Well #6</b>												
	Electric Panel	2005	\$ 15,000	2025	20							
	Pump and Motor (All components in the well)	2018	35,000	2028	10							
	Chlorine Equipment											
	Scales	2014	2,200	2024	10							
	Regulator	2014	1,000	2024	10							
	Injector	2014	500	2024	10							
	Pump	2014	1,200	2024	10							
	Leak Detector	2014	500	2024	10							
	Meter	2017	1,500	2027	10							
	<b>Well #6 Equipment subtotal</b>		\$ 56,900			\$ 15,793	\$ 4,202	\$ -	\$ 19,995	\$ 1,845	\$ 35,060	\$ 56,900
	Chlorine Building	2006	\$ 5,000	2056	50						5,000	5,000
	Fence	1995	500	2045	50						500	500
	<b>Well #6 total</b>		\$ 62,400			\$ 15,793	\$ 4,202	\$ -	\$ 19,995	\$ 1,845	\$ 40,560	\$ 62,400
<b>Well #7</b>												
	Electric Panel	1983	\$ 15,000	2003	20							
	Pump and Motor (All components in the well)											
	Pump	1999	55,000	2019	20							
	250 HP Motor	1999	25,000	2019	20							
	Misc components	1999	20,000	2019	20							
	Chlorine Equipment											
	Scales	2018	2,200	2028	10							
	Regulator	2017	1,000	2027	10							
	Injector	2017	500	2027	10							
	Pump	2018	1,200	2028	10							
	Leak Detector	2013	500	2023	10							
	Meter	UNK	5,000		10							
	<b>Well #7 Equipment subtotal</b>		\$ 125,400			\$ 19,923	\$ 4,905	\$ -	\$ 24,828	\$ 5,029	\$ 95,543	\$ 125,400
	Well House	1983	\$ 10,000	2033	50						10,000	10,000
	Chlorine Building	2007	5,000	2057	50						5,000	5,000
	Fence	1983	5,000	2033	50						5,000	5,000
	<b>Well #7 total</b>		\$ 145,400			\$ 19,923	\$ 4,905	\$ -	\$ 24,828	\$ 5,029	\$ 115,543	\$ 145,400
<b>Well #8</b>												
	Electric Panel	2007	\$ 15,000	2027	20							
	VFD	2007	15,000	2022	15							
	Pump and Motor (All components in the well)	2010		2010								
	Pump	1983	55,000	2003	20							
	250 HP Motor	2010	25,000	2030	20							
	Misc Components	1983	20,000	2003	20							
	Chlorine Equipment											
	Scales	2017	2,200	2027	10							
	Regulator	2013	1,000	2023	10							
	Injector	2013	500	2023	10							
	Pump	2018	1,200	2028	10							
	Leak Detector	2013	500	2023	10							
	Meter	2017	5,000	2027	10							
	Drive Shaft Motor (John Deere)	2010	25,000	2030	20							
	<b>Well #8 Equipment subtotal</b>		\$ 165,400			\$ 41,655	\$ 11,310	\$ -	\$ 52,965	\$ 5,622	\$ 106,813	\$ 165,400
	Well House	1983	\$ 10,000	2033	50						10,000	10,000
	Chlorine Building	2007	5,000	2057	50						5,000	5,000
	Fence	1983	12,000	2033	50						12,000	12,000
	<b>Well #8 total</b>		\$ 192,400			\$ 41,655	\$ 11,310	\$ -	\$ 52,965	\$ 5,622	\$ 133,813	\$ 192,400

2018/2019 PROPOSED WATER FUND EQUIPMENT REPLACEMENT SCHEDULE												
			Estimated Replacement Cost	Estimated Scheduled		Designated Balance Thru 09/30/2017	Council Adopted 2017/2018 Funding 09/30/2018	2017/2018 Funding (Spent) Transfers	Designated Balance Thru 09/30/2018	Proposed Additional Funding 09/30/2019	Designated Additional Future Yrs Funding	Total Designated Balance
				Total								
	Year			Life								
	Model			(yrs)								
Well #9												
	Electric Panel	2013	\$ 20,000	2033	20							
	Pump and Motor (All components in the well)	2017	65,000	2027	10							
	Meter	2017	3,000	2027	10							
	Well #9 Equipment subtotal		\$ 88,000			\$ 18,672	\$ 4,620	\$ -	\$ 23,292	\$ 3,235	\$ 61,473	\$ 88,000
	Fence	2014	20,000	2064	50						20,000	20,000
	Well #9 total		\$ 108,000			\$ 18,672	\$ 4,620	\$ -	\$ 23,292	\$ 3,235	\$ 81,473	\$ 108,000
	TOTAL		\$ 2,381,134			\$ 448,330	\$ 109,487	\$ (20,180)	\$ 537,637	\$ 71,946	\$ 1,771,551	\$ 2,381,134