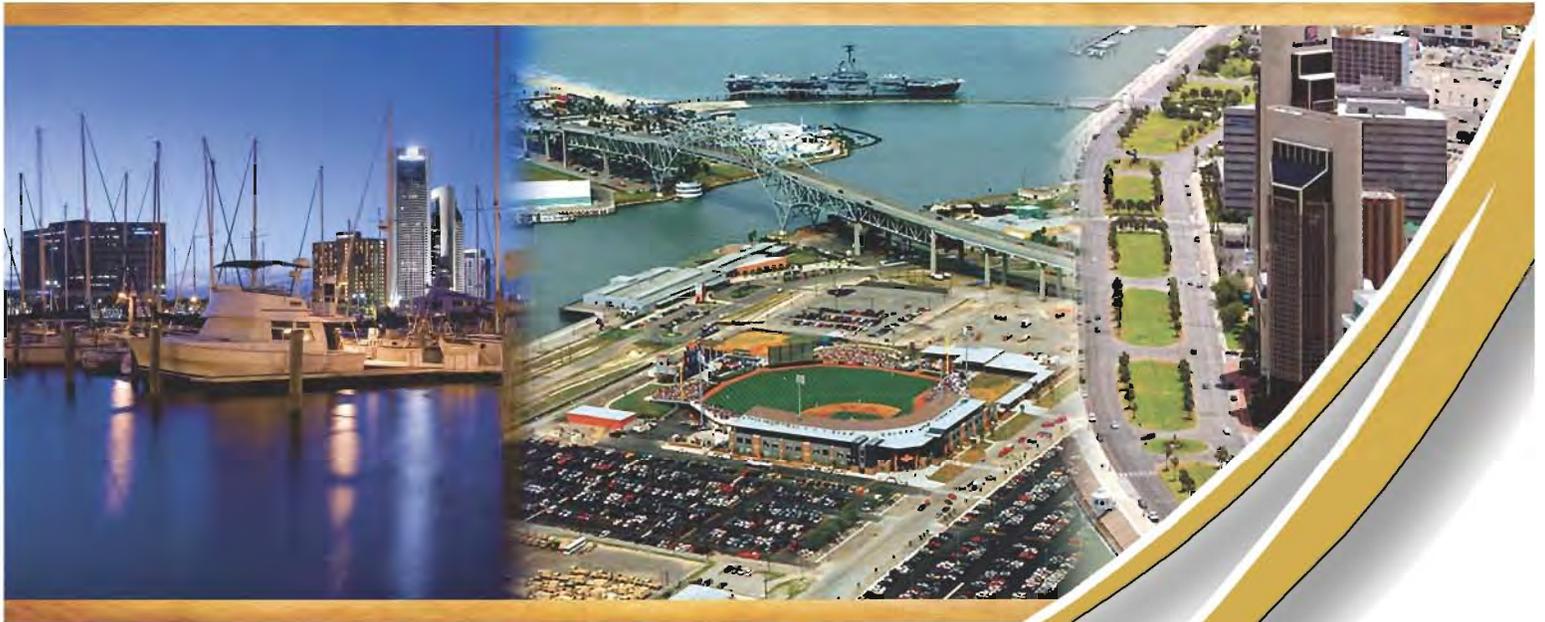


# City Manager's Report

June 23, 2016



**CITY COUNCIL INFORMATION TRANSMITTAL**  
**June 23, 2016**

**The Following Council Action Requests Are Attached:**

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- Option of Going to Free Chlorine as the Primary Disinfectant for the Treatment of Drinking Water ..... 6
- Implementing Recommendations from the Efficiency and Effectiveness Assessment of Financial Services..... 10
- Operational Changes and Capital Improvements ..... 23
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**Memorandums Or Items Of Information Enclosed:**

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- CCPD Security Fence and Maintenance Improvements Special Project ..... 33
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**CITY COUNCIL ACTION REQUESTS (CCARS)**  
**As of June 22, 2016**

<b>Ref. No.</b>	<b>Date Requested</b>	<b>Action Request</b>	<b>Staff Assigned</b>	<b>Current Status</b>	<b>Est. Completion Date</b>
1.	McIntyre 6/21/16	Provide a memo to Council that includes background information related to the internal programs such as number of people served, price points of reconstruction, etc.	Jay Ellington	Working	7/6/16
2.	McIntyre Magill 6/14/16	Provide a memo to Council that includes possible options for paying off the Golf fund sooner.	Jay Ellington	Enclosed	6/22/16
3.	Magill 6/14/16	Provide a memo to Council that includes the estimated cost for implementing the option of going to a free chlorine system.	Mark Van Vleck	Enclosed	7/13/16
4.	Magill 6/14/16	Provide a memo to Council that includes a timeline for completing the recommendations from the Efficiency Assessment for Finance.	Margie Rose	Enclosed	6/22/16
5.	McIntyre 6/14/16	Provide a memo update to Council for each of the Efficiency reports that have been completed.	Margie Rose	Complete	6/22/16
6.	Scott 6/14/16	Provide a memo to Council that addresses the utility field service backlog as it relates to the Finance Assessment and the current status of the utility service backlog.	Mark Van Vleck	Working	7/13/16
7.	McIntyre 6/14/16	Provide a memo to Council regarding a possible speed limit analysis for the area around Cole park.	Mark Van Vleck	Working	6/29/16
8.	Rubio 6/14/16	Provide a memo regarding whether the corner of Kostoryz and Masterson needs a traffic signal.	Mark Van Vleck	Working	7/13/16
9.	McIntyre 6/14/16	Provide an update related to the request for a ban on plastic bags for the island.	Jay Ellington	Working	6/29/16
10.	Vaughn 5/31/16	Provide a memo to Council that addresses the question of whether teenagers who need to do community service can be utilized in the Parks, picking up trash, or other activities that will benefit the city.	Jay Ellington	Working	6/29/16
11.	Magill 5/23/16	Provide a memo to Council that explains the Communication plan for the strategic looks at the City water system and how we address issues during crises and the action plan afterwards.	Margie Rose	Working	6/29/16
12.	McIntyre 5/17/16	Provide a Memo to Council that includes Operational changes that have taken place since last September, suggested capital improvement needs, and capital improvements in process regarding the water boil for the City. Include also the dates for expected completion of the elevated storage tanks project.	Mark Van Vleck	Enclosed	6/22/16
13.	Mayor 5/10/16	Bring forward to Council an Affordable Housing plan before the next Tax Foreclosure Sale is presented to Council.	Jay Ellington	Working	10/5/16
14.	Vaughn 4/26/16	Provide a memo to Council that discusses the reasons for the revenue shortfall from Municipal Court	Margie Rose	Working	6/29/16

15	McIntyre 4/19/16	Provide a memo to Council Members that includes preliminary information to initiate the Discover Discuss and Decide process related to a possible Public Safety Building to house CDC, Police Station, and Fire Administration. Include a proposed timeline for future discussions.	Jay Ellington	Enclosed	6/22/16
16	Magill 3/29/16	Bring forward a revised Taxi Cab ordinance that deregulates Taxi businesses and provides a level playing field for Taxi companies in relation to Transportation Network Companies.	Jay Ellington	Working	7/12/16



# INFORMAL STAFF REPORT

## MEMORANDUM

**To:** Margie C. Rose, Acting City Manager

**Thru:** E. Jay Ellington, Interim Assistant City Manager

**From:** Stacie Talbert Anaya, Interim Director, Parks and Recreation  
Constance P. Sanchez, Director of Financial Services

**Date:** June 23, 2016

**Subject:** CCARS Item – Possible Funding Options for the Golf Fund

CPS

### Issue/Problem:

During the annual report on Golf Operations presented at the June 14<sup>th</sup> City Council meeting, Council Members Colleen McIntyre and Chad Magill requested information on the outstanding balance of the Golf Fund and the possibility of access to the Golf Surcharge Account to make improvements at the two golf courses.

### Background & Findings:

A golf surcharge fee was established in fiscal year 1998 to provide a dedicated fund for making capital improvements to each course. By the time the agreement with Foresight Golf was signed in 2011, this account had accumulated \$623,564. At that time, both parties felt Foresight would have access to the surcharge account in order to make much needed improvements to the two courses. The Golf Fund, however, was operating at an overall deficit of \$550,538 at the end of FY 2011, and shortly after the agreement was executed, we discovered the surcharge funds would not be available to Foresight because of the fund deficit. Both parties agreed to leave the surcharge balance in the existing Golf Fund. However, it was agreed that surcharge revenues from that point forward would be available to Foresight for capital improvements and would be accounted for in a separate fund by the City.

Over the next month, the Parks & Recreation and Finance Departments will meet with representatives of Foresight Golf to explore alternatives for:

1. Utilizing the original balance of the surcharge for improvements at the golf courses.
2. Identifying temporary funding sources to make the Golf Fund solvent in the absence of the surcharge balance.
3. Developing timelines for paying down the negative balance of the Golf Fund with anticipated increased revenues.

### Conclusion:

Staff will provide a memo to City Council no later than July 31<sup>st</sup> detailing the various alternatives for the items listed above.



MEMORANDUM

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**To:** Margie Rose, Acting City Manager

**Thru:** Mark Van Vleck, Assistant City Manager *med*

**From:** Dan Grimsbo, P.E., Interim Director of Water Utilities *Dan Grimsbo*

**Date:** June 22, 2016

**Subject:** CCARS –Memo to Discuss the Option of Going to Free Chlorine as the Primary Disinfectant for the Treatment of Drinking Water

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**Issue/Problem**

The Council requested a cost estimate for implementing the option of going to Free Chlorine as the primary disinfectant for the treatment of drinking water.

**Background & Findings**

There has been much discussion on the ability for the city to convert back permanently to Free Chlorine as the primary disinfectant and the expectation for many is that this process can happen fairly quickly to the point that the question has been asked, "Why can't the city stay on Free Chlorine now that we are using Free Chlorine?"

The attached memo helps to set the expectations for the city to convert to Free Chlorine, with the idea that further study is needed to ensure all costs are being considered and are understandable, with reasonable timelines to make permanent changes to the Water Treatment Plant. If the process to convert to Free Chlorines is not done correctly, the result could be the city dealing with Disinfectant Byproducts instead of nitrification in the water system.

**Conclusion**

If the decision is made to permanently use Free Chlorine as the primary disinfectant, it will take at least three to four years for that action to take place.



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**TO:** Dan Grimsbo, P.E  
**FROM:** Logan Burton, P.E., LNV  
Marc Santos, P.E., Hazen  
**CC:** William Becker, Ph.D, P.E., Hazen  
CD Dassanayake, Ph.D, P.E., Hazen  
**SUBJECT:** City of Corpus Christi Water Quality Assessment, E16285  
Briefing Paper: Free Chlorine as the Distribution System Disinfectant  
**DATE:** June 20, 2016

The purpose of this briefing paper is to present a high level overview of the issues surrounding the ability of the Corpus Christi water system to permanently switch from chloramine to free chlorine as the distribution system disinfectant.

A brief overview of the regulations, treatment alternatives, costs, and schedule is included. It should be pointed out that the City must switch back to chloramines in the short term in order to comply with the disinfection byproduct regulations as described below. If Corpus Christi does not comply with these regulations, then public notification, fines, and a consent order from TCEQ would likely occur.

### **Regulations**

One of the major regulations that must be complied with is the Stage 2 Disinfectant/Disinfection Byproduct Rule (DBP Rule). This regulation requires that the level of DBPs in the distribution be less than 80 parts per billion (ppb) for trihalomethanes (THMs) and 60 ppb for haloacetic acids (HAAs) at all sampling locations on a running annual average basis (LRAA). Note that these levels are based on long-term exposure -- that is having no more than 1 in 10,000 additional bladder cancer deaths from drinking 2-liters of water a day for 70 years. THMs and HAAs are formed when water containing natural organic matter (DBP precursors) is chlorinated using free chlorine. The raw water supply for Corpus Christi contains relatively high concentrations of natural organic matter, which results in high levels of DBPs when free chlorine is used. In order to comply with the DBP Rule, the O. N. Stevens Water Treatment Plant (WTP) currently uses chloramines as the main disinfectant. Chloramines, which are formed when chlorine and ammonia are both added to the water, limits the formation of regulated DBPs.

### **Alternative Treatment and Costs**

If free chlorine is to be utilized as the main disinfectant, additional treatment must be installed for the enhanced removal of DBP precursors. There are a few alternatives including high pressure membranes (nano filtration or reverse osmosis), ion exchange, and activated carbon adsorption.

Membrane treatment, although effective, would be extremely expensive – on the order of \$300 to \$400 million. The effectiveness of ion exchange is questionable given the hardness levels in the raw water. Additionally, this system would require brine disposal, which is often difficult and costly. The most feasible treatment option is likely granular activated carbon (GAC). GAC has other benefits such as taste and odor control and provides some level of protection against potential source water spills and trace contaminants.

Further study is needed to confirm the performance of GAC; however, previous experience has shown that an empty bed contact time of 10 to 20 minutes would be required for GAC to be effective for the TOC levels seen in the Corpus Christi raw water. To achieve this required empty bed contact time, construction of post GAC adsorbers (and a low lift pump station) would likely be needed. Bench and pilot testing would need to be conducted to develop more detailed design criteria. Estimated costs for post GAC adsorbers are estimated to be in the \$150 to \$300 million range. In addition to these construction costs, there are significant annual operating costs as the GAC must be removed and regenerated when it becomes exhausted (no longer effective for adsorption of natural organic matter). The operating costs for GAC regeneration are estimated to be on the order of \$6 - \$12 million a year. It should be noted that these are high-level order-of-magnitude preliminary costs and that the numbers could be higher or lower.

An alternative to post filter GAC adsorbers could entail replacing the anthracite in existing filters with GAC. While this application would be considerably less expensive, the empty bed contact time is unlikely to be sufficient to achieve the needed DBP precursor removal. The O. N. Stevens WTP previously operated with GAC in the filters prior to 2002; however, it was replaced with anthracite due to operational issues (biofilm growth in media, loss of chlorine residual, and filter turbidity breakthrough).

### **Schedule**

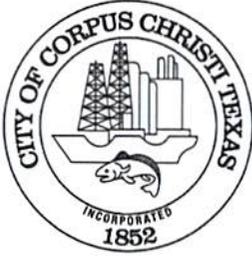
Any of these new treatment alternatives would likely take the better part of four years or longer to pilot GAC performance, conduct preliminary and final design, obtain permits, and construct the new facilities. A design-build approach might reduce the schedule by one year.

### **Summary**

To maintain compliance with state and federal drinking water regulations (DBP rule), the City of Corpus Christi must return to chloramines after the current system-wide free chlorine conversion. Current THM levels leaving the water treatment plant under free chlorine conditions are approximately 200 ppb and increase to approximately 220 – 290 ppb in the distribution system. As noted above, the THM regulations limit the City to a LRAA maximum of 80 ppb and are based on long-term exposure. Water with elevated DBPs is not expected to have short-term health impacts.

Treatment alternatives are currently being evaluated to consider future operations with free chlorine as the distribution system disinfectant. DBP compliance will be

comprehensively considered during this evaluation. These alternatives will require infrastructure improvements with installation schedules that would require Corpus Christi to continue with chloramination for at least the next three or four years.



# INFORMAL STAFF REPORT

## MEMORANDUM

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**To:** Margie C. Rose, Acting City Manager

**From:** Constance P. Sanchez, Director of Financial Services *CP S*

**Date:** June 16, 2016

**Subject:** City Council Action Request Item Regarding Implementing Recommendations from the Efficiency and Effectiveness Assessment of Financial Services

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### **Issue**

At the June 14, 2016 City Council meeting, representatives from Weaver & Tidwell, L.L.P. presented a summary review of the results of the Efficiency and Effectiveness Assessment of Financial Services. During the course of the presentation, a status of the implementation of the recommendations was requested.

### **Background & Findings**

The assessment of Financial Services was divided into four (4) phases. Phase I was an assessment of financial policies, procedures, process flow and charting, financial performance reporting, and CAFR (Comprehensive Annual Financial Report) preparation. Fourteen (14) points for consideration or findings were identified. Of these 14, one (1) was flagged as high risk; eight (8) as moderate risk, and five (5) as low risk. The high risk point for consideration dealt with a lack of INFOR reporting functionality.

Phase II was an assessment of the Utility Billing Office (UBO), Accounts Receivable/Collections, Cash Management, and Central Cashiering. Twenty-two (22) points for consideration were identified. Of these 22, five (5) were flagged as high risk; eleven (11) as moderate risk, and six (6) as low risk. The high risk points for consideration dealt with utility meter issues with the automated meter readers (AMR) and meter transmission units (MTU); utility bills requiring manual intervention; approvals for authorized check signers; a lack of an Investment Analyst position; and reliance by Central Cashiering on in-house software.

Phase III was an assessment of Purchasing, Warehouse, Accounts Payable, and Accounting. Forty (40) points for consideration were identified. Of these 40, eight (8) were flagged as high risk; nineteen (19) as moderate risk, and thirteen (13) as low risk. Three (3) of the high

risk points for consideration related to the Purchasing division – specifically a lack of formal monitoring of sequential purchases, a lack of authorization by departments for change orders, and a lack of approval for direct payments. One (1) high risk point for consideration dealt with health and safety concerns at the City's Warehouse. Four (4) high risk points for consideration related to Accounts Payable – specifically a lack of 3-way matching of invoices, a lack of departmental approval of invoices; a lack of formal invoice routing; and a lack of proactive compliance with the Prompt Payment Act.

Phase IV was an assessment of Payroll, Grants, the organization and support of Financial Services, and staffing levels. Twenty-three (23) points for consideration were identified. Of these 23, only one was flagged as high risk, and that related to the need of having separate managers for Accounts Payable and Payroll. Fifteen (15) were flagged as moderate risk, and seven (7) as low risk.

As each phase was completed, the Weaver consultants held an exit conference with the appropriate staff, and the relevant points for consideration were discussed in detail. We then took each one and identified the person responsible for implementation, along with a beginning and ending date. Several of the points for consideration related to other departments (such as the Office of Strategic Management, Human Resources, IT, Utilities), and so Financial Services has begun coordinating with the appropriate personnel for implementation. The implementation plan will become the foundation of our FY2017 Business Plan and future Business Plans as needed.

### **Conclusion**

Of the 99 points for consideration, 15 in total were classified as high risk; 53 as moderate risk; and 31 as low risk. Financial Services agreed with 91 of the 99 points for consideration and has already implemented 18 out of the 99. The attached Gantt chart outlines the time period for implementation for each of the points for consideration.

If you have any questions or need further information, please contact me by phone at (361) 826-3227 or by email at [constancep@cctexas.com](mailto:constancep@cctexas.com).



















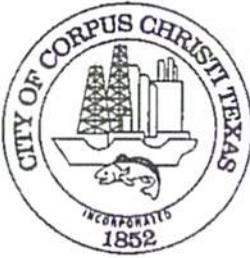


**City of Corpus Christi Finance  
Schedule**

Plan Actual % Complete  
Actual (beyond plan) % Complete (beyond plan)

Period Highlight: 60

Ref #	GENERAL RECOMMENDATION	Assessment Area	Responsible Party	SPECIFIC ACTIONS	Implementation Plan					PERIODS (May begins with 1, Jun 2, etc.)																																					
					Plan Start	Plan Duration	Actual Start	Actual Duration	Percent Complete	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
PFC-94	We recommend that the Municipal Information Systems Department continue their efforts to purchase and implement a new and modern help desk platform. The system selected should allow MIS to better manage IT requests and provide city personnel with a more user friendly and efficient method to request support and track its progress.	Organization and Support of Financial Services	Business Operations Manager and End-User Computing Manager	1. Re-implement the upgraded version of the current IT Service Management - Incident Management	1	4			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				2. Re-implement the upgraded version of the current IT Service Management - Request Management	1	4			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				3. Re-implement the upgraded version of the current IT Service Management - Change Management	3	3			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				4. Re-implement the upgraded version of the current IT Service Management - Asset Management	3	3			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
PFC-95	We recommend that the Financial Services Department conduct a workforce planning analysis to systematically identify current and future staffing needs. The results of the analysis should be used when developing staffing requests during the budget process.	Staffing Levels	Assistant Director of Financial Services	1. Completed prior to the 2018 Budget Financial Services	4	6			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				2. Manager of each division will be responsible for conducting a workforce planning analysis to identify current & future staffing needs	4	6			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				3. Decision package will be submitted during the FY18 budget process to fund	11	2			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
PFC-96	We recommend that the Financial Services Department conduct a time study to define the key activities and the level of effort required to complete them for each division.	Staffing Levels	Assistant Director of Financial Services	A decision package for a professional services contract will be submitted with the FY2017 budget to fund the study	2	1			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				1. Purchase Order Processing	6	4			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				2. A/P Processing	6	4			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				3. Payroll Processing	6	4			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
PFC-97	We recommend that the Financial Services Department reduce the number of temporary employees used by filling those positions with permanent employees, which will require a decision package in the upcoming FY17 Budget.	Staffing Levels	Assistant Director of Financial Services over Purchasing and Collections Manager	A position will be included as a decision package during the FY17 budget process.	1	2			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
PFC-98	We recommend that the Financial Services Department, in coordination with Human Resources, evaluate the positions identified and determine whether they should be reclassified or if the midpoint pay should be increased to match the estimated market value.	Staffing Levels	Assistant Director of Financial Services	Finance dept work with HR dept to determine whether identified positions should be reclassified or if midpoint salary should be increased	2	1			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				Complete prior to FY2018 budget submission	2	1			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
PFC-99	We recommend that the Financial Services Department evaluate the qualifications for these individuals identified to determine whether they should be reclassified to a different position. Alternately, Financial Services should revise these job descriptions.	Staffing Levels	Assistant Director of Financial Services over Purchasing	1. Evaluate the qualification of individuals	1	1	1	1	100%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				2. Revise these job descriptions	1	1	1	1	100%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
PFC-99	We recommend that the Financial Services Department evaluate the qualifications for these individuals identified to determine whether they should be reclassified to a different position. Alternately, Financial Services should revise these job descriptions.	Staffing Levels	Controller	1. Evaluate the qualification of individuals	9	6			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
				2. Revise these job descriptions	9	6			0%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38



## MEMORANDUM

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To: Margie Rose, Acting City Manager

Thru: Mark Van Vleck, Assistant City Manager *mo*

From: Dan Grimsbo, P.E., Interim Director of Water Utilities *DG*

Date: June 22, 2016

Subject: CCARS – Operational Changes and Capital Improvements

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**Issue/Problem**

Provide City Council with a memo and timeline of suggested operational changes, capital improvement needs, and capital improvement projects (CIP) in progress since the citywide boil water notice issued on July 23, 2015.

**Background & Findings**

After the Boil Water Notice that occurred in July 2015, the Utilities Department made several changes to operations within the Water Treatment Plant and Water Distribution System. Prior to the recent boil water notice, the Utilities Department had been working with engineering consulting firms, LNV and Hazen-Sawyer, for areas of the treatment and distribution system needing improvement and or optimization. These areas include:

- Chloramination Monitoring and Chemical Feed Controls at Navigation Pumps Station
- Computational Fluid Dynamics (CFD) Analysis for Tank Mixing
- Tank Maintenance Schedule
- Chemical Feed Flow Paced Controls
- Automated Raw Water Sampling
- Chlorine Dioxide Evaluation
- Sludge Management
- Localized Unidirectional Flushing (UDF) Plans Validation
- Review and edits to O.N. Stevens Water Treatment Plant Standard Operating Procedures (SOPs)
- Review and edits to Nitrification Action Plan

Tables 1 and 2 attached provide status updates on operational changes (treatment, distribution, water quality monitoring) that have been implemented since July 2015 and that are being implemented since May 2016. Table 3 provides status on current CIP projects in progress to include the new elevated storage tanks.

**Conclusion**

City Utilities Department continues to evaluate, implement, and optimize processes from source water through treatment, to the end of the distribution system. These changes will enable the Water Utilities Department to better manage water quality issues within the Water Treatment Plant and the distribution system.

**Table 1:** Status of operational changes that have taken place since July 2015.

Operational Changes	Current Status of Operational Change
Revise and implement a Nitrification Action Plan to prevent and control the occurrence of the degradation of water quality at the O.N. Stevens Water Treatment Plant (ONS), pump stations, elevated storage tanks, and distribution system.	The Nitrification Action Plan (NAP) draft was completed in 2011. In October 2015, adjustments were made to the NAP to provide earlier response to water quality issues.
Continue to closely monitor and trend water quality data at ONS, pump stations, elevated storage tanks, and distribution system with water quality targets well above regulatory limits.	Water quality data continues to be monitored in real-time via online monitoring and field measurements. Water quality targets or Action Levels have been established for early detection. Action Levels are reviewed and updated yearly. Spreadsheet for monitoring trends was developed.
Hired three new staff members to continuously monitor and trend water quality data.	New staff members have been assigned to monitor specific areas of water quality such as Elevated/Ground Storage Tanks, Source Water, and the Revised Total Coliform Rule.
Continue to boost monochloramine at Sand Dollar Pump Station.	Chlorine continues to be boosted at Sand Dollar Pump Station.
Boost monochloramine at Staples Pump Station	Chlorine began being boosted at Staples Pump Station in July 2015.
Perform a disinfectant conversion at ONS and throughout the distribution system from monochloramine to free chlorine.	In September 2015, the O.N. Stevens Water Treatment Plant switched disinfectants from Chloramines to Free Chlorine. This process allows operators to reduce biofilms while preventing further nitrification and lasted 56 days.
Perform a disinfectant conversion at ONS and throughout the distribution system from free chlorine back to monochloramine.	In November 2015, the O.N. Stevens Water Treatment Plant switched disinfectants from Free Chlorine back to Chloramines.
Add a mixer to ensure water quality is distributed evenly at the Alameda Elevated Storage Tank.	A PAX mixer was added earlier this year in December 2015 to the Alameda Elevated Storage Tank. The mixer ensures proper mixing within the tank.
Update Dead End Main (DEM) flushing program to improve water quality with higher water quality targets.	Standard Operating Procedures (SOPs) for the Dead End Main (DEM) Flushing programs were established in 2009, but were updated to reduce and prevent nitrification.
Perform unidirectional flushing (UDF) at critical areas in the distribution system to improve water quality.	Unidirectional Flushing has been utilized as a tool to improve water quality. Protocols were drafted and tested.
Installation and maintenance of backflow prevention devices in the distribution system.	A total of 43 out of 97 RPZ's have been installed and will be inspected every year per state requirements.
Perform ice pigging at critical areas in the distribution system to clean water lines.	Ice pigging was performed in December 2015. The contractor completed 43,000 LF.

Operational Changes	Current Status of Operational Change
IDIQ with Urban Engineering for the water line replacement program in the amount of \$2.3 million.	Water line replacement has begun in key areas of the distribution system. The contractor completed 5,300 LF of CIP.
Water line replacements in different parts of the City by City Construction Crew.	City construction crew replaced 1200 ft of water line on Wagon Wheel and 1200 ft of water line at Rolling Acres. The North Beach area construction began in September 2015 and is still under construction, City staff have replaced approximately 6000 ft of water lines. Currently, Phase III of the project is in progress, but has been delayed due to persistent high tides and rainfall.

**Table 2:** Status of operational changes that have taken place since May 2016.

Operational Changes	Current Status of Operational Change
Revise the Nitrification Action Plan (NAP) to prevent and control the occurrence of the degradation of water quality at the O.N. Stevens Water Treatment Plant (ONS), pump stations, elevated storage tanks, and distribution system.	On 16 June 2016, there was a meeting with City Staff and the Consultant on needed changes with the NAP, which is currently under review.
Perform a disinfectant conversion at ONS and throughout the distribution system from monochloramine to free chlorine.	In May 2016, the O.N. Stevens Water Treatment Plant switched disinfectants from Chloramines to Free Chlorine. The alternative disinfectant allows operators to reduce biofilms and tuberculation while preventing further nitrification. The current conversion is still in progress.
Standard Operating Procedure (SOP) for Chloramination Conversion Process.	Review City's current SOP and make recommendations for improving the SOP for the conversion back to chloramine disinfection. Will receive the technical memo on 21 July 2016 for converting back to monchlorines.
Perform a disinfectant conversion at ONS and throughout the distribution system from free chlorine back to monochloramine.	This conversion will be accomplished once the Free Chlorine conversion is completed, which will occur on or about 15 July 2016.
Temporary chlorine and ammonia feed flow paced controls. This will identify and implement temporary improved chlorine and ammonia flow paced control and mixing to ensure stable chloramine formation for both water treatment trains.	Will receive the technical memo on 21 July 2016 to provide recommendation about the needed feed flow paced controls. Once approved, looking to install equipment on approximately 05 July 2016.
Raw Water On-line Analyzers.	The consultant is studying analyzers that will provide real time sampling of blended raw water at the raw water junction box outlet and receiving unit outlet for free available ammonia, monochloramine, and total chlorine for effective chloramine control. Will receive the technical memo on 29 June 2016.

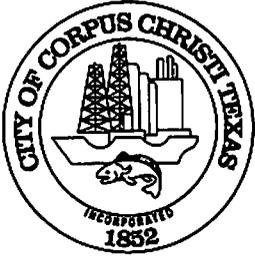
Operational Changes	Current Status of Operational Change
Chlorine Dioxide Evaluation and Usage.	The Consultant is evaluating chlorine dioxide to determine potential benefits as an additional treatment option to augment existing chloramination and further inhibit nitrification. Consultant to provide design basis parameters for implementation. Will receive the technical memo on 29 June 2016.
Long-term Free Chlorine Disinfection Feasibility.	Consultant is in the process of evaluating the long-term feasibility of free chlorine disinfection in lieu of chloramination and other disinfectant strategies. Will receive the technical memo on 01 August 2016.
Bromide Evaluation.	Consultant is in the process of jar testing of raw water bromide to better understand its potential impacts on chloramine stability and to evaluate order of chemical addition, which could provide needed operational changes. Will receive the technical memo on 13 July 2016.
Updated O.N. Stevens Water Treatment Plant Standard Operating Procedures (SOPs).	Consultant is currently reviewing the Water Treatment Plant's SOPs
Total organic carbon (TOC) testing and removal.	Consultant is in the process of jar testing of blended raw water to evaluate the potential to optimize removal of TOC to reduce disinfection byproducts and produce more stable chlorine residual, which could provide operational changes for coagulation, flocculation, and sedimentation. Will receive the technical memo on 13 July 2016.
Clean and Chlorinate Tanks Prior to Disinfectant Conversion back to Chloramines.	City to perform tank cleaning of all tanks in accordance with industry standards. The contract to clean the tanks started on 26 May 2016. Navigation water tank has been complete and the others are being scheduled.
Tank Cleaning and Maintenance Schedule	Consultant is currently reviewing the City's tank maintenance schedule for cleaning and inspection. Ensure that it meets industry standards and providing recommendations if necessary to have more frequent cleaning.
Chloramination Monitoring and Chemical Feed Controls at Staples and Sand Dollar Booster Pump Stations	Consultant is studying to incorporate real time online free available ammonia monitoring and chlorine flow paced controls to bind up excess free available ammonia and maintain desired ratios and minimize potential of causing breakpoint in the distribution system after conversion back to chloramines.

Operational Changes	Current Status of Operational Change
Add the equipment necessary to boost monochloramine at Navigation Pump Station.	The equipment has not been added. Pending engineering drafts and hydraulic modeling.
Add a mixer to ensure water quality is distributed evenly at the Flour Bluff Elevated Storage Tank.	The mixer has not been added. The Flour Bluff Elevated Storage Tank is targeted next for a PAX mixer. This will help ensure proper mixing within the tank. In the process of putting out a bid to install the mixer.
Replace and install new elevated storage tanks (this will increase pressure throughout the distribution system by approximately 20psi.)	Design and land acquisition to start on approximately 16 July 2016 and construction to start on approximately 16 November 2018.
Distribution System Operations Plan	Consultant is evaluating the need for seasonal variations to SOPs to ultimately minimize system water age.
Localized Chlorine Burn Plan	Consultant is working on planned localized chlorine burn protocols for the known areas of concern for implementation into revised NAP to prevent potential system-wide conversions.
Computational Fluid Dynamics (CFD) Analysis to Evaluate Tank Mixing	Consultant will perform CFD analysis on all tanks in the system to better understand mixing and to identify potential contributions to increased water age and short circuiting. This could lead to changes in system operations.
Perform unidirectional flushing (UDF) at critical areas in the distribution system to improve water quality.	Unidirectional Flushing has been utilized as a tool to improve water quality. The consultants and staff are working on updating the plans for 14 key areas.
Perform ice pigging at critical areas in the distribution system to clean water lines.	Ice pigging is in the process of being scheduled for later this year. Working to determine location and amount of line that can be completed.
IDIQ with Urban Engineering for the water line replacement program in the amount of \$2.3 million.	Water line replacement has begun in key areas of the distribution system.
Water line replacements in different parts of the distribution system by City Construction Crew.	The North Beach area is still under construction; City staff have replaced approximately 6000 ft of water lines. Currently, Phase III of the project is in progress, but has been delayed due to persistent high tides and rainfall.
Standard Operating Procedure (SOP) for Free Chlorine Conversion	The Consultant is preparing/review the city's SOP for free chlorine conversion that incorporates clear operation procedures, outlines communication needs, and monitoring requirements.

**Table 3:** Current CIP projects with correlating cost and start/completion date.

Project Name	Project Description	Cost (\$)	Start	Completion
ON Stevens Chlorine Storage and Handling Facilities Improvements	This project will provide necessary improvements to storage and handling infrastructure including but not limited to ventilation, storage vessel handling, leak detection, alarm system, emergency containment, and process measurement and control.	\$9,000,000	17-Mar	18-Feb
Alternative Capacity Power Generation (ACR Phase 1)	This project provides for back-up power systems at two critical water distribution pumping facilities, including Navigation and Staples Street Pump Station. This project is the first phase of the TCEQ ACR Implementation Plan and anticipated to complete in October 2016.	\$1,199,600	15-May	16-Sep
Staples Street Pump Stations Phase 2 - Third and Forth Pumps	This project provides for adding three 7.5 MGD pumps at the Staples Street Pump Stations. The project also includes addition of Variable Speed Drives (VSDs) and electrical upgrades in order to meet the Alternative Capacity Requirement (ACR) as required by TCEQ. Control system upgrade will allow the pump station to operate automatically, unmanned.	\$3,253,000	15-May	17-Jun
ON Stevens Chemical Facilities (Alum, Polymer and LAS) Replacement	This is project is to modernize the chemical storage and chemical feed systems at the ONSWTP that optimizes the dosage, reliability, monitoring and control of water treatment chemicals. These improvements are also needed to meet requirements of Texas Commission on Environmental Quality (TCEQ) Rules and Regulations 30 TAC 290.42., and support future plans to increase water treatment capacity at ONSWTP.	\$16,705,000	16-May	19-Dec
ONSWTP Raw Water Influent Improvements	This project proposes to eliminate all hydraulic constrictions in the front end piping, which allows raw water to be routed through the Pre-sedimentation Basin, and allows a passive flow split between the four treatment trains.	\$25,026,000	16-May	19-Dec
Nueces River Raw Water Pump Station	The scope of work for this contract includes improvements of pump stations and raw water transmission main.	\$16,814,800	14-Sep	18-Jul

Project Name	Project Description	Cost (\$)	Start	Completion
Elevated Water Storage Tanks (ACR Implementation Phase 2)	The scope of this project includes construction of two new elevated storage tanks (EST) with 3.0 million gallon EST at the Holly Road, and 0.75 million gallon EST at the Rand Morgan Street with appurtenances, piping, valves, SCADA and integration, site development, and utility connections.	\$12,500,000	14-Jun	18-Feb
ONS WTP Interim Sludge Management Improvements	This project will provide an intermediate solution for sludge management for ONSWTP. The scope includes design a dewatering cell adjacent to Lagoon 7, dredging Lagoon 7, pump dredge material into geotextile tubes (in dewatering cell) for dewatering.	\$6,500,000	16-Jun	17-Aug
Elevated Water Storage Tanks (ACR Implementation Phase 3)	This project provides for construction of a 2.5 MG EST at Starry Road and a 1.25 MG EST at Nueces Bay Blvd. Also included is demolition of the existing four ESTs in the City's Pressure Zone 1 which are identified by the City as Morgan EST, Gollihar EST, Alameda EST, and Flour Bluff EST.	\$18,000,000	18-Jul	20-Aug
ONSWTP Fluoride Feed System Improvement	This project provides for replacement with two new bulk storage tanks, a new exterior day tank, and new peristaltic pumps mounted on FRP skids, New steel pre-engineered building to house pump skids, Rehabilitation of injection points for Clearwell No. 1 and Clearwell No. 2, and modernization of the plant fluoride injection control and monitoring system to improve the optimization and control of fluoride addition, providing flow-paced control.	\$1,100,000	15-Oct	17-Aug
ONSWTP High Service Building No. 3 and Clearwell No. 1 Repairs	This project will provide for construction of a new High Service Building as the repair/replacement of the existing High Service Building No. 1. Also included are replacement of the four (4) existing tilting disc check valves (TDCVs) and all existing Multilin Motor protection relays (MRP) at High Service Building #2 and structural repairs for Clearwell no.1.	\$28,500,000	13-Nov	19-Jul
Citywide Water IDIQ	This project provides for replacement and repairs for the City's water distribution system lines. This is a multiple year program.	\$7,500,000	FY 16	FY 17



## MEMORANDUM

**To:** Margie Rose, Acting City Manager

**From:** E. Jay Ellington, Interim Assistant City Manager 

**Date:** June 7, 2016

**Subject:** Public Safety Building: CDC, Police, & Fire Administration, EOC, Other

On April 19<sup>th</sup> 2016 City Council requested preliminary information to initiate a discussion about the possibility of consolidating the City Detention Center, Police Headquarters and Fire Administration into a single facility. These departments currently occupy the following buildings respectively: Wilson Plaza, Municipal Court and Frost Bank.

The buildings included in this summary each have different contract expirations, expenses and employee occupancies. The total annual expense to occupy these buildings is \$381,776 which accommodates for 510 staff personnel to operate in 81,367 square feet.

We will continue to gather information to assist in a future recommendation concerning replacing these spaces with a new building. Our time schedule is as follows:

- Review current information with staff by: **July 1, 2016**
- Review current information with engineering by: **August 1, 2016**
- Review data from consultant study for courts and police by: **August 1, 2016**
- Work up new future space requirements proposed by function including an estimated cost of a building and support parking by: **August 1, 2016**
- Submit a consolidation report to City Council by **August 26<sup>th</sup>, 2016**

Attachment #1 summarizes each of these locations according to: office space square footage, annual rent, parking square footage and occupancy and building use.

*Attachment #1*

<b>Building</b>	<b>Office Space Square Feet</b>	<b>Annual Rent</b>	<b>Parking Square Feet</b>	<b>Parking Rent</b>	<b>Occupancy</b>
<i>Frost Bank</i>	41,289	151,531	60,420	Na	133
<i>Wilson Plaza</i>	13,256	182,749	34,697	Na	30
<i>Municipal Court House</i>	26,822	Na	87,000	46447	347
<b>TOTAL</b>	<b>81,367</b>	<b>\$334,280</b>	<b>182,117</b>	<b>\$46,447</b>	<b>510</b>

**Building Uses**

**Frost Bank**

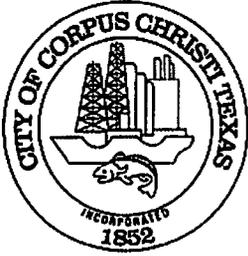
- Fire Department
- EOC
- Health
- Development Services

**Wilson Plaza**

- City Detention Center
- PD Red Light Cameras
- PD Traffic Enforcement

**Municipal Courts**

- Municipal Court Department
- Police Headquarters



MEMORANDUM

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**To:** Margie Rose, Acting City Manager

**Thru:** Mark Van Vleck, ACM *MV*

**From:** Dan Grimsbo, P.E., Interim Director of Water Utilities *DG*

**Date:** June 20, 2016

**Subject:** CCARS – Chlorine Residual Sample Results Now Located on the City's Website

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**Issue/Problem**

Provide City Council with the location of the Chlorine Residual sample results on the City's website.

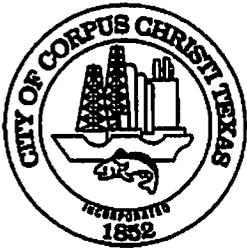
**Background & Findings**

In the past, the Chlorine samples for the water distribution system were not posted on the City's Website. The Water Utilities Department will start posting the Chlorine residual results on the website. The first posted sample reports will be for March, April and May 2016. Over the next two weeks, the Water Quality staff will post the sample results for all of 2015 and January/February 2016.

**Conclusion**

The reports of chlorine residuals will be placed on the website at the following link:

<http://www.corpuschristiwater.com/government/water/general-info-water-qualitysupply/water-quality/reports/index> .



## INFORMAL STAFF REPORT

### MEMORANDUM

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**To:** Margie C. Rose, Acting City Manager

**Thru:** E. Jay Ellington-ICMA-CM, MBA, Interim Assistant City Manager

**From:** Ed Leonard, CFM, Interim Director of Facilities and Property Management

**Date:** June 20, 2016

**Subj:** CCPD Security Fence and Maintenance Improvements Special Project

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**Issue/Problem:** Status of CCPD Security Fence and Maintenance Improvements Special Project.

**Background & Findings:** The objective of this special project is to 1) harden the physical security posture around the CCPD headquarters compound at 321 John Sartain St. and 2) perform some general building and parking lot maintenance and repair work. The current working estimate for construction project is \$629K; project being funded through several sources (Crime Control and Prevention District \$514K, General Fund \$55K, Facilities and Property Management \$50K and Downtown Management District \$10K). Further, City Council on January 13<sup>th</sup> and 20<sup>th</sup> 2015 authorized-appropriated \$514,000.01 from the Crime Control and Prevention District Fund; additionally, City Council on October 20, 2015, re-appropriated \$514,000.01 from the Crime Control and Prevention District Fund.

Initial project design was a joint effort between Engineering Services and Facilities and Property Management Departments. However, design responsibility is now fully under the purview of Engineering Services. Project is being executed in two phases.

Phase 1 (E15200) scope of work (SOW) includes canopy demolition, exterior painting, minor concrete repair and signage and lettering; Phase 1 completed. Phase 2 (E15149) SOW includes perimeter security fence, automated gates, granite finish walls, pavement striping and landscaping. Govind Development, LLC, is performing the design work for Phase 2; Phase 2 construction will be executed through the design-bid-build contracting method.

**Conclusion:** Plan of Action and Milestones (POA&M)

- Phase 1 project SOW completed March 2016 through Engineering Services' Job Order Contracting (JOC) contractor
- Phase 2 project design work schedule for completion June 2016
- Phase 2 project schedule for advertising July 11 & 18, 2016
- Phase 2 project City Council action September 09, 2016
- Phase 2 project award to contractor September 2016
- Phase 2 project SOW will be complete and useable November 2016



# INFORMAL STAFF REPORT

## MEMORANDUM

**To:** Margie C. Rose, Acting City Manager

**Thru:** E. Jay Ellington, Interim Assistant City Manager

**From:** Stacie Talbert Anaya, Interim Director, Parks and Recreation

**Date:** June 23, 2016

**Subject:** Follow Up on Joint Use Agreement with Wellmed for Zavala Senior and Joe Garza Recreation Center

### Issue/Problem:

On September 15, 2015 City Council approved a Joint Use Agreement between the Parks and Recreation Department and the Wellmed Foundation for Zavala Senior Center and Joe Garza Recreation Center. Several councilmembers have inquired about the operations of the Zavala Senior Center and Joe Garza Recreation Center since the execution of the Well Med Agreement.

### Background & Findings:

Once the agreement was approved, Wellmed began executing the \$280,000 in facility upgrades to both facilities identified in the agreement. During construction, some members of the Zavala senior center expressed concerns about the facilities at Joe Garza. In response, Wellmed made an additional \$35,000 investment to make improvements and address each one of their concerns. Improvements were completed in March 2016.

Since joint operations of the facility began on April 1 enrollment has gone from 40 to over **250 participants**. The senior center is attracting the younger more active senior while continuing to offering sedentary activities for the older seniors (80+). Several classes at Zavala have outgrown their program capacity and have had to relocate to a larger next room at Joe Garza. This further supports our direction to evolve to a Multi-Generational Center structure system wide to attract new consumers of all ages into our program. The nutrition program hosted at Joe Garza has seen participation increase from an average of 40 seniors to 70 for the daily meal program.

Prior to the execution of the agreement, Wellmed and City Staff hosted a Town Hall meeting to obtain feedback from Zavala members about the types of programs they would like to see at the centers. In August 2015, Wellmed hosted a group of Zavala Activity Committee and Leadership Committee for Senior Services (LCSS) members for a tour of the San Antonio Center facilities operated by Wellmed. The current programming schedule at both centers

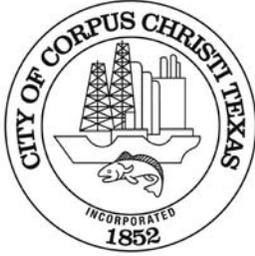
was based on the positive feedback from visitors and members who attended follow-up presentations by staff.

A small group of Zavala Center members have raised concerns about the types of programs and operations of the center. I have spoken with the group, or its representative Adan Chapa, on several occasions to address their concerns and offered to host a meeting with Wellmed officials so they could voice their concerns directly. However, the group turned down the offer stating they are interested in attending other centers that have a programming schedule similar to the one offered prior to the agreement.

In response to the discussions, on June 10, 2016, Wellmed and Parks & Recreation Staff met and decided in order to be responsive to member needs. Wellmed and Parks & Recreation Staff will hold monthly meetings with members to receive feedback concerning operations and to gauge interest for new class offerings and special programming opportunities.

**Conclusion:**

The 525% increase in registered participants at the Zavala Senior Center and the 75% increase in the Congregate Meal Program more than meets the expectation of the agreement. Throughout the Wellmed and Zavala agreement process, the Parks and Recreation Department has hosted several meetings to keep the Zavala members informed before and after the agreement was implemented. Wellmed has been conscientious with their efforts to incorporate the wishes of the Zavala members into the Wellmed program.



# INFORMAL STAFF REPORT

## MEMORANDUM

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**To: Mayor and Council**

**From: Margie C. Rose, Acting City Manager**

**Date: June 23, 2016**

**Subject: Upcoming Public Meetings and Events**

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For your convenience, attached is a calendar of upcoming public meetings and events, as submitted by City departments.

Please keep in mind that the City's Ethics Ordinance prohibits Council members from speaking before City boards, commissions, and committees, except on behalf of your own personal financial interest, in which case you are to immediately state so publicly to the board, commission or committee.

We hope this calendar will keep you informed about activities of interest taking place in your district and Citywide.

If you have any questions, please feel free to contact me.

**June 21, 2016**

Tuesday

11:30 AM - 5:30 PM

**COUNCIL MEETING -- Council Chambers**

**June 22, 2016**

Wednesday

1:30 PM - 2:30 PM

**Board of Adjustment -- City Hall, Council Chambers**

**June 27, 2016**

Monday

All Day

**Transportation Advisory Committee -- City Council Chambers**

5:30 PM - 7:00 PM

**Public Meeting- Rodd Field Rd. Expansion-Yorktown Blvd. to Saratoga Blvd. -- Bridgeway Church of Corpus Christi - 3202 Rodd Field Rd.**

**July 5, 2016**

Tuesday

10:30 AM - 11:30 AM

**Library Board Room -- La Retama Central Library - 2nd Floor Board Room**

**July 7, 2016**

Thursday

5:00 PM - 6:00 PM

**Human Relations Commission -- City Council Chambers**

**July 12, 2016**

Tuesday

11:30 AM - 5:30 PM

**COUNCIL MEETING -- Council Chambers**

**July 13, 2016**

Wednesday

5:00 PM - 6:00 PM

**Parks and Recreation Advisory Committee -- City Hall, 3rd floor Conference Room**

**July 19, 2016**

Tuesday

11:30 AM - 5:30 PM

**COUNCIL MEETING -- Council Chambers**

**July 20, 2016**

Wednesday

5:30 PM - 6:30 PM

**Community Youth Development Program Steering Committee -- Juvenile Assessment Center, 615 Leopard Suite 105**

**CITY OF CORPUS CHRISTI  
SCHEDULED  
CITY COUNCIL AGENDA ITEMS/POLICY ISSUES  
As of June 23, 2016**

**\*Please note that this schedule may change at anytime due to scheduling  
conflicts and/or priority issues.**

- (T) – Indicates Tentative Scheduling

**July 12, 2016**

**\*Regular Meeting**

1. (16-0415) Motion authorizing the City Manager, or designee, to purchase two chemical vent hoods for replacement from Haldeman Homme, Inc., of Austin, Texas, at the Corpus Christi Police Department, Forensics Division, in accordance with Bid Event No. 84, based on an only bid for a total cost of \$88,215.00 for design, material and installation. Funds are available in FY 2015-2016.
2. (16-0570) Motion approving the lease of six trucks from PV Rentals, for the amount of \$65,880 based on a cooperative purchasing agreement with the Texas Local Government Purchasing Cooperative, dba BuyBoard, for a total amount of \$65,880 of which \$16,470 is required for the remainder of FY 2015-2016. The remaining contract balance will be funded through the FY2016-2017. The terms of the contract will be for one year with no extensions.
3. (16-0613) Motion approving the purchase of 30 Cabinet Assemblies with Cobalt Controllers and 5 individual Cobalt Controllers from Paradigm Traffic Signs, Houston, Texas based on a cooperative purchasing agreement with Texas Local Government Purchasing Cooperative, dba BuyBoard, for the amount of \$338,200.00. The Street Department has set aside funds in the FY 2015-16 for this procurement.
4. (16-0623) Motion approving a Supply Agreement with Polydyne Inc. of Riceboro Georgia for water treatment chemicals in accordance with Bid Invitation No. 116, based on the lowest responsive, responsible bid for an estimated annual expenditure of \$345,390.00 of which \$86,347.50 is budgeted for the remainder of FY 2015-2016. The terms of the contract will be for one year with options to extend for up to two additional one year periods, subject to the approval of the Supplier and the City Manager or designee. Funds have been budgeted by the Water Department in FY 2015-2016.
5. (16-0635) FY2015 Comprehensive Annual Financial Report (CAFR)
6. (16-0642) Ordinance amending the FY 2016 Capital Improvement Budget adopted by Ordinance No. 030621 to add Project No. E16265 Corpus Christi Aquifer Storage and

Recovery (ASR) Feasibility Study; transferring \$611,700 into the newly created project; accepting a grant and appropriating anticipated revenues; authorizing the City Manager, or designee, to negotiate on subsequent City of Corpus Christi Aquifer Storage and Recovery Conservation District (District) contracts; and execute a Professional Services Contract with HDR Engineering, Inc. of Austin, Texas in the amount of \$601,980 for an ASR Feasibility Study.

7. (16-0678) Ordinance authorizing the City Manager or designee to execute documents, to apply for and accept grants and reimbursements from the Texas State Library and Archives Commission (TSLAC); and to appropriate funds from TSLAC in the No. 1068 Library Grant Fund for said City programs.
8. (16-0680) Ordinance authorizing the City Manager or designee to execute documents and appropriate royalties received from oil, gas, and mineral interests bequeathed to the Corpus Christi La Retama Central Library by William T Neyland into the Library Grants fund No 1068.
9. (16-0710) Resolution authorizing the submission of a grant application to the Office of the Governor for the Man-Portable X-ray Units project; and authorizing the City Manager or the City Manager's designee to accept, reject, alter or terminate the grant.
10. (16-0711) Resolution authorizing the submission of a grant application to the Office of the Governor for the SWAT Ballistic Protection Equipment project; and authorizing the City Manager or the City Manager's designee to accept, reject, alter or terminate the grant.
11. (16-0712) Motion approving the lease-purchase of four Peterbilt 367 trucks from Rush Truck Centers of Texas, L.P., of Houston, Texas for a total amount of \$852,162.99. Two trucks will be truck tractors used to pull large refuse trailers and two trucks will be equipped with Heil low lift 22 ft. roll-off beds to carry roll-off refuse containers. The award is based on the cooperative purchasing agreement with the Houston-Galveston Area Council (H-GAC). Funding is available in the General Fund FY 2015-2016.
12. (16-0714) Ordinance exempting Nueces Garden No.2, Lot 49A from the payment of wastewater lot and acreage fees pursuant to Section 8.5.2.G.1. of the Unified Development Code; requiring the owner/developer to comply with the specified conditions.

**July 19, 2016**

**\*Regular Meeting**

1. Presentation – Ethics Report

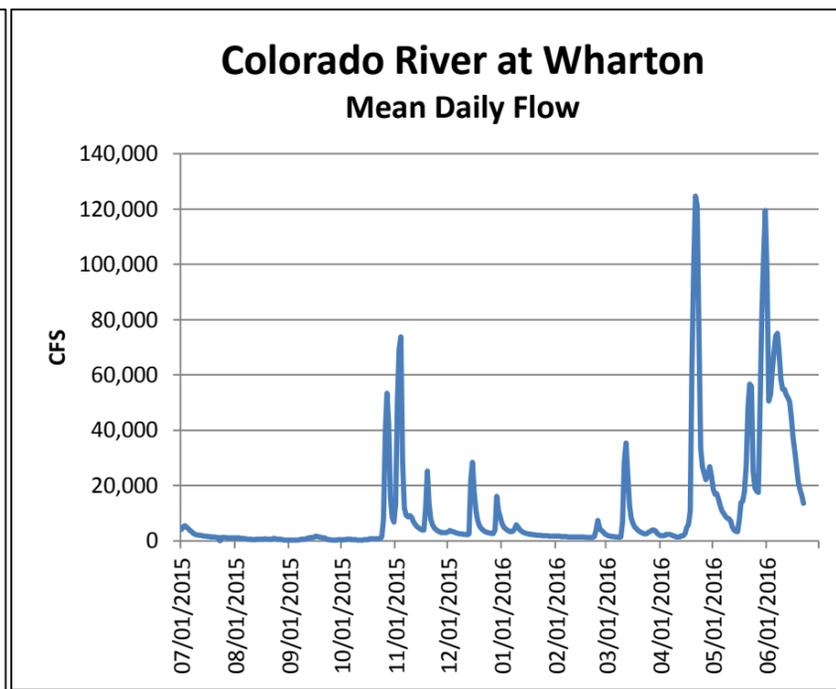
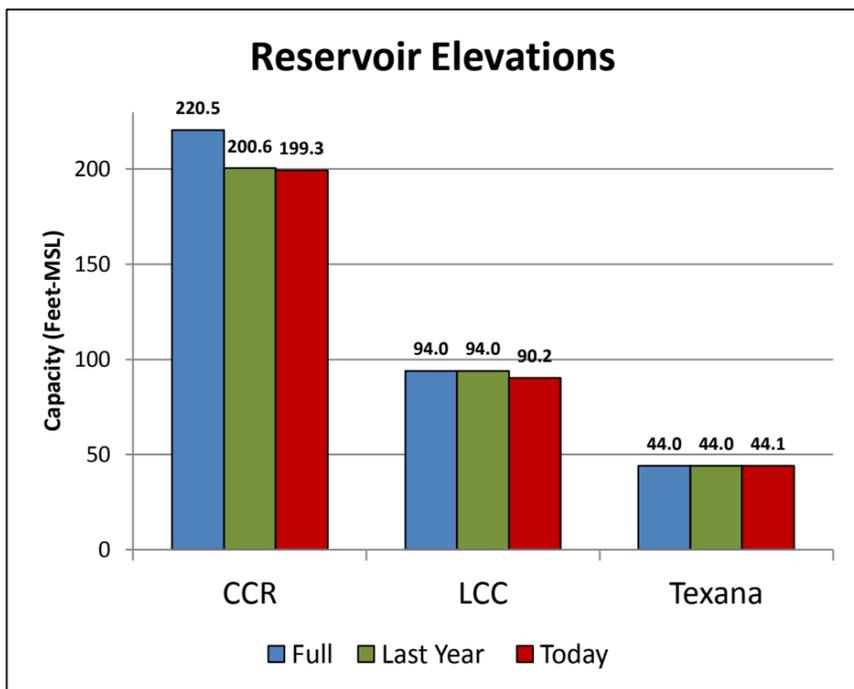
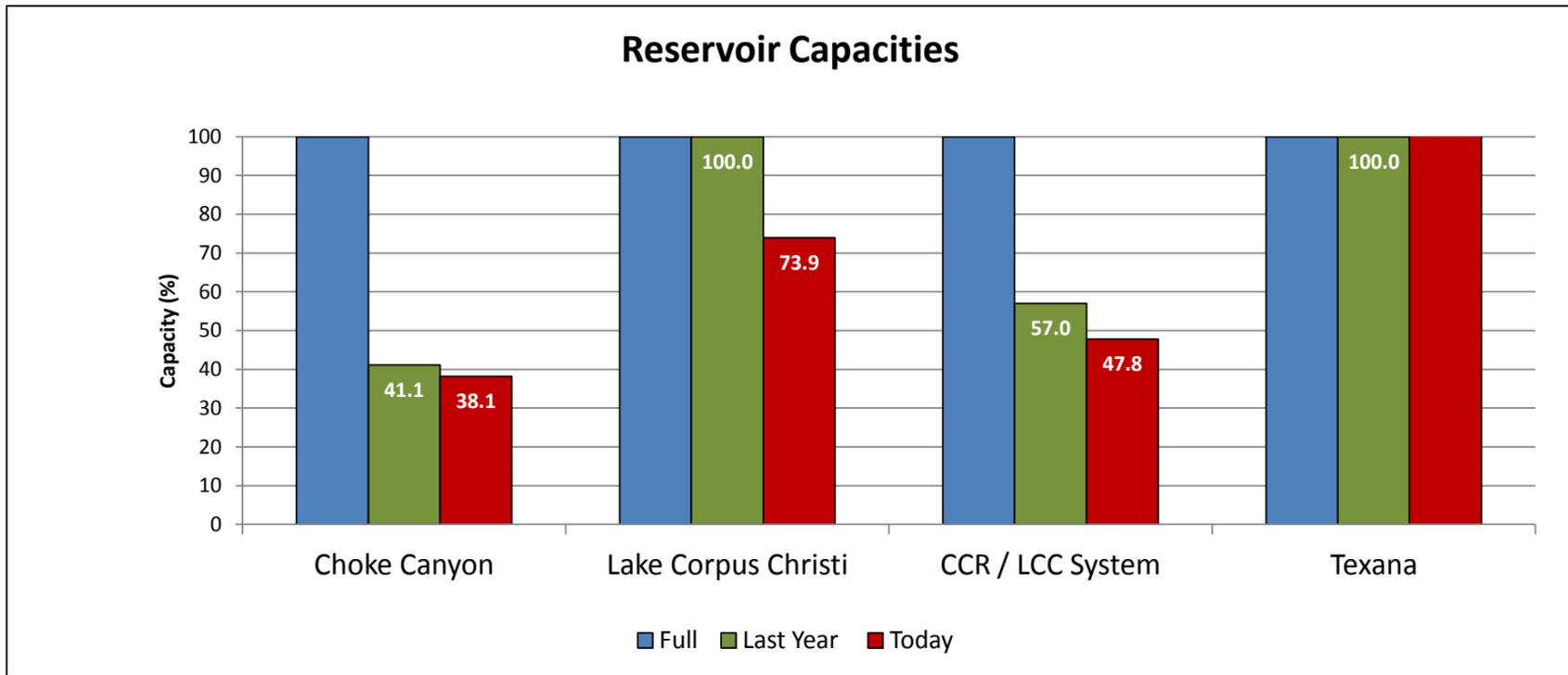
**July 26, 2016**

**\*Regular Meeting**

1. Presentation - CIP Rules Guidelines and Policies

STATUS OF THE CHOKE CANYON / LAKE CORPUS CHRISTI / LAKE TEXANA RESERVOIR SYSTEM

As of: 06/23/2016



RESERVOIR STATISTICS											
Date	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		Lake Texana		
	Elevation	Volume	% Capacity	Elevation	Volume	% Capacity	Volume	% Capacity	Elevation	Volume	% Capacity
FULL	220.5	695,271	100%	94.0	257,260	100%	952,531	100%	44.0	161,085	100%
06/23/2016	199.3	265,186	38.1%	90.2	190,129	73.9%	455,315	47.8%	44.1	162,101	100.6%
06/22/2016	199.3	264,888	38.1%	90.2	190,465	74.0%	455,353	47.8%	44.1	162,101	100.6%
05/23/2016	196.9	230,836	33.2%	90.2	190,968	74.2%	421,804	44.3%	44.2	163,121	101.3%
06/23/2015	200.6	285,541	41.1%	94.0	257,260	100.0%	542,801	57.0%	44.0	161,085	100.0%