

Gulf Coast Water Authority
Capital Improvement Program

AdministrativeYear Ending August 31, 2016

DESCRIPTION		YTD 2015 6 MTHS	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Office Vehicle 2014-2015 Budge	318	0	30,000	38,000	35,000	35,000	35,000	35,000	35,000	75,000	75,000
Parking Lot SW IPS	38	0									
Office Flooring	157	1,354	1,354								
Board Room Upgrades					30,000						
Tele-Conferencing Equip	159	0			5,000						
Hurricane Windows	160	0									
Security System Completion	161	0	15,000								
Office Work Stations	319	21,245	21,245	40,000							
Office Building Access Control	320	0	15,000	15,000							
Office Lighting					25,000						
TOTAL BUDGET			82,599	93,000	95,000	35,000	35,000	35,000	35,000	75,000	75,000
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Gulf Coast Water Authority
Capital Improvement Program

Canal

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget	Budget						
	14-15	14-15 Sys A Down	15-16 Sys B Down	16-17 Sys A Down	17-18 Sys B Down	18-19 Sys A Down	19-20 Sys B Down	6 TO 10 YRS	11 to 15 YRS

Alvin Office, Shop, Yard and Buildings:

Refurbish Alvin Office	55,000								
Covered Storage	60,000								
Replace outside hydraulic lift at Shop									
Replace inside hydraulic lift									
Electric Entrance Gate Controllers to Back Parking Lot	25,000								
08 Time Clock Plus GT-400 Series Hand Scanner									
Alvin Shop HVAC	7,000	7,000							
Irrigation Meters 20@5,000	25,000	100,000							

Vehicles & Equipment:

1/2 Ton Pickups	24,000	24,000			25,000		25,000	75,000	75,000
3/4 Ton Pickups				38,000	38,000	38,000	38,000	190,000	190,000
1/2 Ton 4x4	30,000			30,000	30,000	30,000	30,000	120,000	120,000
1/2 Ton 4X4 Crew Cab			35,000						
1 Ton 4x4 Truck (Crew & Shop)				40,000	40,000			200,000	200,000
1 Ton 4x4 Spray Truck (Dually) Spray Truck Shane	25,000						60,000		60,000
Haul Truck, Tractor (Replaces International)					157,000				157,000
Heavy Equipment Haul Trailer					70,000				100,000
Haul Truck, Tractor (Replaces Ford 9000)	154,846	155,000						157,000	
Heavy Equipment Haul Trailer								70,000	
Haul Truck, Tractor (Replaces Mack Truck)								157,000	157,000
Heavy Equipment Haul Trailer								70,000	70,000
Short Boom Excavator 2011 # 1 (Matt Bowman)						225,000			250,000
Short Boom Excavator 2009 # 2 (Lee Cloud)				225,000					225,000
08 SK210 Mulching Head HYD Motor			50,000						
Long Boom Excavator 2012 #1 50 ft reach (Cory Clark)								260,000	
Long Boom Excavator 2010 #2 60 ft reach (Duane Crawford)								260,000	
Long Boom Excavator 2009 #3 50 ft reach (Douglas Nicholson)			260,000						260,000
Long Boom Excavator 2013 #4 - 60 ft reach (Jason Hughes)								260,000	
Dragline #2 Replace Tracks (Travis)	30,000	40,000						850,000	
Dragline #3 (David H)									850,000
Forklift									
Dozer 2013 #1 Replace (D61PX) (Kade)								260,000	
Dozer 2007 Replace (John Deere 750) (Scott)				275,000					275,000
Tractor/Mower (John Deere 5205)							65,000		30,000
Polaris 800 XP					15,000		15,000	30,000	30,000
Articulating Loader (replace John Deere 525)									60,000
Rubber Tire Backhoe (replace CB 580 Case)								80,000	
Water Quality Monitoring Equipment (routine/contamination)	50,000	100,000	100,000	100,000					
River Surveyor M9	30,000								

Canal

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget	Budget						
	14-15	14-15 Sys A Down	15-16 Sys B Down	16-17 Sys A Down	17-18 Sys B Down	18-19 Sys A Down	19-20 Sys B Down	6 TO 10 YRS	11 to 15 YRS
Rebuild Kaylin '95 Lowboy Trailer Vin 5418	19,358								

System "A" Shannon. Plant .

P1 Pump Set				300,000				150,000	
P2 Pump Set					300,000				150,000
P3 Pump Set	50,000								150,000
P4 Pump Set and Arrangement Future									
Replace Vacuum Pumps			25,000						
Reroute incoming power to underground				25,000					
Extend Overhead Crane to the north				30,000					
Catwalks at discharge gates				7,500					
Recondition Intake Pipes				200,000					
Recondition Discharge Pipes				200,000					
Security Camera and SCADA	7,500								
House Improvement				15,000					

System "A1" Canal:

A1.004Parshall Flume & A Plant Scada Improvements (Shannon)	30,000								
A1.011 Harrison Bridge Br-3								100,000	
A1.018 Sugar Land Properties Br-6								100,000	
A1.041 McCrary Bridge Br-15	15,000	15,000							
A1.045 Jones Creek Spillway Level Transducer									
A1.048A Pipe/Gate Replacement (Old 2nd Lift)	40,000								1,200,000
A1.049 Pleasant Bridge Br-18				50,000					
A1.064 Brickyard Bridge Br-25								60,000	40,000
A1.0 Prison Farm Br-27, Ck-2 (D)									
A1.0 Prison Farm Br-27, Ck-2 (C)				200,000					
A1.064 Syrup Mill Bridge Br-28									40,000
A1.064 Humpback Bridge Br-36									40,000
A1.071B Brooks Lake Diversion Weir	0	230,000	230,000	230,000	230,000	230,000	230,000		
A1.071D Dam # 3 Gate Actuator	10,000								
A1.071D Dam # 3 SCADA	30,000								

System "A" 2nd Lift

P1 Pump Set								75,000	
P2 Pump Set									75,000
P3 Pump Set VFD (D)					200,000	200,000	200,000		
P3 Pump Set VFD (C)					1,300,000	1,300,000	1,300,000		
Vacuum Pump Replacement				25,000					
P4 Pump Set and Arrangement Future									
A2.001 Security Fence From 2nd Lift to Oyster Creek					15,000				
A2.001 Security Camera and SCADA	30,000	10,000							

Canal

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget	Budget						
	14-15	14-15 Sys A Down	15-16 Sys B Down	16-17 Sys A Down	17-18 Sys B Down	18-19 Sys A Down	19-20 Sys B Down	6 TO 10 YRS	11 to 15 YRS
Traveling Rake System	11,000								

System A2, ANE, L10 & G Canals:									
A2.004 U-2									25,000
A2.006 U-6			30,000						
A2.019 Quail Valley East (50% Cost)				300,000					
A2.019 Valley Forrest Dr Br-59 (50% Costs)				300,000					
A2.019A Mustang Bayou U-9									150,000
A2.019 Turtle Creek Dr Br-60								500,000	
A2.020 U - 10								250,000	
A2.021 U -11									250,000
A2.021 Check 7 (#1 Check) Br-64									
A2.023 U - 12									
A2.026 Pilot Check									
A2.026 Pilot Bridge - Br. 66									25,000
A2.029 U - 13				25,000					40,000
A2.029 Evergreen Check #9 Br-67								150,000	
A2.029 Evergreen Bridge - Br-68								35,000	
A2.029 U - 14								20,000	
A2.030 U - 15								20,000	
A2.031 U - 16				25,000					
A2.029 Crazy Bridge - Br- 69				30,000					
A2.037 U - 17				100,000					100,000
A2.040 U - 18								30,000	
A2.047 #4 Check Chk #10						300,000			
A2.064 U - 20								35,000	
A2.065 #5 Check Chk #11				300,000					
A2.093 U - 23								30,000	
A2.094 Oil Field Check #12								100,000	
A2.094 Oil Field Br-79								50,000	
A2.094 Greenwald Bridge									
A2.094 Underdrain below Greenwald - U-24								25,000	
A2.097 U-26									30,000
A2.097 County Rd 143 Br-80									75,000
A2.099 U-29									25,000
A2.100 Br-81								30,000	
ANE.001 Coffee Check #17								225,000	
ANE.001 County Rd 144 Br-82									100,000
ANE.003 GC&SF Railroad									500,000
ANE.004 Moore Check #18						300,000			
ANE.004 Highway 35 Br-83									500,000
ANE.004 Mandale Bridge Br-84									50,000

Canal

Year Ending August 31, 2016

DESCRIPTION	Forecast 14-15	Budget 14-15 Sys A Down	Budget 15-16 Sys B Down	16-17 Sys A Down	17-18 Sys B Down	18-19 Sys A Down	19-20 Sys B Down	6 TO 10 YRS	11 to 15 YRS
ANE.008 Willart Check #19				300,000					
ANE.010 U - 33				30,000					
ANE.011 TV Check Chk 21	10,000	40,000	30,000						
ANE.011 U-34								80,000	
ANE.012 U35									80,000
ANE.012 Cox Check Chk 22									300,000
ANE.013A U-36								80,000	
ANE.013A Oil Field Bridge - Br-86								40,000	
ANE.014A Blacky Bridge Br-87									50,000
ANE.013 U-37									50,000
ANE.013 Windmill Check Chk-24								150,000	
ANE.013 Windmill Bridge Br-88								30,000	
ANE.013 First Single Barrel Chk-25								30,000	
ANE.013 2nd Single Barrel Chk-26								30,000	
ANE.013 End of ANE Magnolia Creek								30,000	
L10.001 Head of Lateral 10				125,000					
L10.001 Bridge 1 Pipe Replacement									30,000
L10.001 Flume (Mustang, Hobas Pipe siphon									
L10.006 Bridge 4 Replacement (Residential)						25,000			
L10.011 Bridge 6 (CR. 82) Iowa Lane				20,000					
L10.011 Webb Check									
L10.015 to .025 Property Purchase - Lateral 10	0	200,000	200,000						
L10.016 Syphon Replacement - U-3									20,000
L10.017 Underdrain - U-4				20,000					20,000
L10.018 Underdrain - U-5			20,000						20,000
L10.018 Underdrain - U-6				20,000					20,000
L10.021 Pipe Replacement Br-7								50,000	
L10.023 State Hwy 6 Br-8							2,000,000		
L10.025 Santa Fe Railroad Br-10						1,500,000			
L10.025 Channel widening L10.015 to L10.025				100,000	100,000				
G.001 Galveston Canal Take-Off Bridge Br-1								40,000	
G.001 Segilquist Crossing Road Br-2				100,000					
G.001 Dickinson Bayou Syphon U-1				250,000					
G.002 Mills Junction Check Chk-1,								150,000	
G.004 Madera Creek Aerial Crossing (D)	0	100,000		100,000					
G.004 Madera Creek Aerial Crossing (C)					1,500,000				
G.004 Br-4									50,000
G.004 FM 517 Br-5								1,000,000	
G.006, Spillway #1									
G.006 Algoa/Friendswood Chk-2 & Br-6 Site # 8	11,000			250,000					600,000
G.008 Bayou Wildlife Refuge Aerial Crossing GC DD1 Ditch 4									200,000
G.010 Rymal Rd Br-7									100,000

Canal

Year Ending August 31, 2016

DESCRIPTION	Forecast 14-15	Budget 14-15 Sys A Down	Budget 15-16 Sys B Down	16-17 Sys A Down	17-18 Sys B Down	18-19 Sys A Down	19-20 Sys B Down	6 TO 10 YRS	11 to 15 YRS
G.011 GC DD1 Ditch 6 U-2								75,000	
G.012 Field Crossing Br-8									75,000
G.014 Field Crossing GC DD1 Ditch 7 U-3									75,000
G.017 Jack Beaver Rd Br-9								100,000	
G.018 U-3A Site 17								75,000	
G.018 U-3B Site 17, GC DD1 Ditch 8									75,000
G.019 Aaberg Bridge Br-10								75,000	
G.024 Cemetery Rd Check Br-11 Replace 72 inch valve	15,000	50,000	35,000						
G.025 GC DD1 Ditch 9C U-4									50,000
G.027 Shouse Rd GC DD1 Ditch 9 U-5									50,000
G.032 Avenue Q Br-5									75,000
G.033 GC DD1 Ditch 12A U-6									75,000
G.034 FM 646 Br-13									75,000
G.035 GC DD1 Ditch 12 U-7									75,000
G.038 Avenue L Br-14									75,000
G.039 Interstate 45 Chk 5 & Br-15 Replace valves				150,000					
G.040 FM 2004 Chk 6 & Br-16 Replace valves						35,000			
G.040 Century Blvd Chk 7 & Br 17 Replace valves						80,000			
G.042 Hwy 3 BR 18 Pipe Replacement								5,000,000	1,500,000
G.043 Below Hwy 3 - Br. 19									
G.044 Humble Camp Rd Br-19A									1,500,000
G.045 Spillway #2									
G.050 Attwater Rd Br-20								200,000	

System B

System B Briscoe Pump Station:

Incoming power supply upgrade	0	50,000	50,000						
P1 Pump Set								125,000	125,000
P2 Pump Set (Impeller, subsequent year pump)	130,000	130,000	225,000					125,000	125,000
P3 Pump Set (Impeller, subsequent year pump)	225,000	225,000						125,000	125,000
Vacuum Pump Replacement			50,000						
Future P4 Pump Set and Arrangement (D30%)	25,000	75,000							
Future P4 Pump Set (D)			175,000						
Future Pump Set (C)				1,300,000					
Spare Rotating Assembly				250,000					
#1 & #2 Suction Pipe Extension									
Recondition Intake & Discharge Pipes (D)								40,000	40,000
Recondition Intake Pipes (C)								100,000	
Recondition Discharge Pipes (C)								150,000	
House Improvement									
Security Camera and SCADA		15,000							

Canal

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget	Budget						
	14-15	14-15 Sys A Down	15-16 Sys B Down	16-17 Sys A Down	17-18 Sys B Down	18-19 Sys A Down	19-20 Sys B Down	6 TO 10 YRS	11 to 15 YRS
Security Fencing	30,000	30,000							

System "B" Canal

B.003 Schindler Bridge Br-2								60,000	
B.003A Reyes Bridge Br-5								40,000	
B.003B Cow Bayou U-1								80,000	
B.003 Oyster Creek Flume Meter	40,000								80,000
B.006 Arensburg Bridge Br-7									80,000
B.006 Long Point Slough U-2									
B.006A Airport Bridge Br-8									
Sand Move, B.003, 006, 006A								500,000	500,000
B.007 McKeever Rd Bridge Br- 9					80,000				
B.026 County Line Bridge Br-11									
B.029 Number 1 Check Chk-1 Erosion Protection					300,000				
B.032 CR 383 Br-12							80,000		
B.032 CR 383 U-3									80,000
B.036 Donald Ford U-4								80,000	
B.039 CR 48 Br-13									80,000
B.050 U-5									
B.052 Chk 2							250,000		
B.053 Iowa Lane CR 82 Br-14								60,000	
B.055 U6 (downstream CR 82)					95,000				
B.055 Womack (Bissell) Rd Br-15 (downstream CR 82)									40,000
B.058 Jordan Rd Br-16									50,000
B.064 BCCRD#3 C12 U-7 (upstream Chk 3)					100,000				
B.066 Mad Dog Bridge Br-19					50,000				
B.068 Chk-4 Replacement									
B.074 Chk-5 Replacement									
B. Frank Brothers Bridge			35,000						
B.079 Fish Herring Rd Br-20 (CR 180)					50,000				
B.082 Isaacs Bridge Br-21									50,000
B.094 Parker School Rd Br-24									100,000
B.094 Chk-6			20,000					150,000	
B.100 State Hwy 35 Br-25									150,000
B.104 .105 Knight Flume Br 27 Chk 7									
B.112 U-9 (downstream of Baxter Bridge)									150,000
B.113 CR 169 Br-29									
B.118 .119 Chk-8							150,000		
B.122 U-11									100,000
B.122 Alexander Bridge Br-31			50,000					60,000	
B.126 Halls Bayou U-12									125,000
B.130 Head of Ranch Canal Br-32									

Gulf Coast Water Authority
Capital Improvement Program

Canal

Year Ending August 31, 2016

DESCRIPTION	Forecast 14-15	Budget 14-15 Sys A Down	Budget 15-16 Sys B Down	16-17 Sys A Down	17-18 Sys B Down	18-19 Sys A Down	19-20 Sys B Down	6 TO 10 YRS	11 to 15 YRS
B.133 U-13 (Syphon Under Drainage Ditch)								60,000	
B.140 Pearson Rd Br-33 (inverted syphon)									300,000
B.142 Owens Bayou U-14 (inverted syphon)									200,000
B.143 Oilfield Rd Br-34								30,000	
B.144 Pistol Packing Mama Br-35					40,000				
B.144 U-15									25,000
B.147 Cloud Bayou Chk-10				250,000					
B.147 FM 2004 Bridge 37 Chk-11 Gate Valve					30,000				
B.148 Willow Bayou Crossing U-17									75,000
B.154 Board Rd Br-38								40,000	
B.156 U-18 (GCDD#1 Ditch 1B @ Achilles)					125,000				
B.158 Hollaway Br41 & Chk-12								60,000	
B.161 State Hwy 6 Br-42									50,000
B.163 Jack Beaver Rd Br-43									50,000
M.001 Head of Monsanto Canal Gate Electrical Power	8,500	15,000							
M.004 Underdrain Replacement									
M.005 Bridge #1					35,000				
M.005 Field Crossing Pipes	5,342	35,000							80,000
M.006 Br-2									80,000
M.007 McCauley Bridge Br-3									40,000
M.008 U-1 Syphon Under Drainage Ditch									200,000
M.010 Chocolate Bayou Canal Crossing Br-4									200,000
M.010 New Bayou Canal Crossing U-2									1,000,000
M.010 Railroad Track Crossing U-3									1,000,000
M.010 Shell Road Crossing Br-5									200,000
M.010 FM 2917 Crossing									1,000,000
M.XXX Levee rebuild Monsanto Canal								250,000	250,000
SCADA System Improvements:									
SCADA Improvements			200,000	50,000				50,000	50,000
TOTAL PROJECTS	1,258,546	1,646,000	1,820,000	6,385,500	4,925,000	4,263,000	4,443,000	14,444,000	18,714,000
Administrative Projects	29,182.07	32,856.90	34,133.50						
Total Canal	1,287,727.71	1,678,856.90	1,854,133.50						

Gulf Coast Water Authority
Capital Improvement Program

Industrial

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget	Budget						
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS

Vehicles & Equipment									
Pickup Truck 1/2 Ton				20,000				50,000	50,000
Mower Replacement	5,758	8,000							

Reservoir and Canal:									
Land Clearing West of Reservoir									
Shop Warehouse Repairs									5,000
Shop Warehouse Covered Storage			35,000						
0100 Reservoir Intake & Discharge Pipe and Gate Improvement (D) 04									
0100 Reservoir Intake & Discharge Pipe and Gate Improvement (C)		7,700,000	3,220,000	4,600,000	1,380,000				
0100 Reservoir 1A Circulation Pipes & Gates Install									
0100 Future Reservoir By-Pass Canal #2	41,111	300,000							
Reservoir Slope Rehabilitation	0	250,000							
Drainage Improvements (East Levee along SH 146)	0	400,000	600,000						
Roadway Improvements on Top of Dam & Raise Levee	566,860	100,000							
Solar Powered Mixers						275,000	385,000		
Fence 500 Acres			25,000						25,000
West and South Levee Improvement at Reservoir			10,000						
Replace Entrance Gates Off Attwater									

By Pass Canal Improvements:									
Rehabilitate Pipes, Gates and meters From Main Canal to By-Pass Canal			180,000						
01 Clayton Clark Shell Road				80,000					
02 1st Ditch Crossing				60,000					
03 Humble Camp Road				130,000					
04 Amoco Shell Road Crossing			90,000						
05 2nd Ditch Crossing			70,000						
06 Confluence of By-Pass Canal and Discharge Canal			30,000						

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Capital Improvement Program

Industrial

Year Ending August 31, 2016

DESCRIPTION	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Discharge Canal:									
01 Attwater Road Crossing			500,000						
02 Oil Field Road				75,000					
03 Moses Bayou									1,634,000
04 TC GC Timber Bridge								350,000	
05 TC GC Concrete Bridge								500,000	
06 25th Avenue				100,000	2,000,000				
07 GC DD2 Ditch 6B									2,000,000
08 GC DD2 Ditch 7A North of 1764 (DRAINAGE PIPE)			12,000						800,000
09 FM 1764 Downstream Erosion Protection	0	100,000							
10 Horse Barn	1,145,391	1,600,000							
Canal Levee Improvements	0	400,000	200,000						
11 Texas City Ditch				150,000					
1.008 Bleeder #3 (Saltwater)									

Sub-Total Reservoir & Canal Budget	1,759,120	10,858,000	4,972,000	5,215,000	3,380,000	275,000	385,000	900,000	4,514,000
Bond Gates		-7,700,000	-3,220,000	-4,600,000	-1,380,000				
Sub-Total Reservoir & Canal Collection	1,759,120	3,158,000	1,752,000	615,000	2,000,000	275,000	385,000	900,000	4,514,000

Emergency Reservoir:									
P1 Pump Set	75,000	75,000							
P2 Pump Set			75,000						
Water blast and Paint Emergency Pump Station						15,000			

Industrial Pump Station:									
Replace Pump Station (D)	645,154	650,000							
Replace Pump Station (C)	210,000	16,500,000	7,945,000	11,350,000	3,405,000				
PUMP SETS		240,000	125,000	125,000	125,000	125,000	125,000	375,000	625,000
P1 Pump Set (2012)									
P2 Pump Set (2001)	125,000								
P3 Pump Set (2011)									
P4 Pump Set (2013)	15,606								
P5 Pump Set (2009)									
P6 Pump Set (2005)									
P7 Pump Set (2010)									
P8 Pump Set (2002)	170,000								
P9 Pump Set (2008)									

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Industrial

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget	Budget						
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Spare Bowl Assembly	61,792	65,000							
Rotating Intake Screens Refurbish								150,000	
Back Up AC Unit in Control Room. (C)									
Parking Lot, Road, & Generator Pad									
Conductivity Monitors		7,000							

Transmission System

RWL Master Plan (PER)			200,000						
1948 42-inch CI RWL						200,000	1,000,000		
1969 36-inch CS RWL									5,000,000
1949 30-inch CI RWL									
1966 36-inch DI/CI RWL									
1950 24-inch CI RWL									
1974 36, 24, 16-inch PCCP L301 RWL									
1951 18-inc CI RWL									
Replace Meters	455,773		125,000						
Valves, Piping, and Cathodic Protection	70,000	2,050,000	1,800,000					3,500,000	
Surveying, and Markers	35,000	400,000							

Sub-Total Emergency Reservoir, Pump Station and Transmission System Budget	1,863,325	19,987,000	10,270,000	11,475,000	3,530,000	340,000	1,125,000	4,025,000	5,625,000
Bond Industrial Pump Station		-16,500,000	-7,945,000	-11,350,000	-3,405,000				
Sub-Total Terminal Reservoir & Pump Station Collection	1,863,325	3,487,000	2,325,000	125,000	125,000	340,000	1,125,000	4,025,000	5,625,000

TOTAL PROJECTS	3,622,445	30,845,000	15,242,000	16,690,000	6,910,000	615,000	1,510,000	4,925,000	10,139,000
Total Proceeds from Bond Sale		-24,200,000	-11,165,000	-15,950,000	-4,785,000				
BUDGET PROJECTS	3,622,445	6,645,000	4,077,000	740,000	2,125,000	615,000	1,510,000	4,925,000	10,139,000

Reservoir & Canal

Administrative Projects	11,249.92	12,666.60	9,386.00						
Total Industrial	3,633,694.92	6,657,666.60	4,086,386.00						

Thomas Mackey Water Treatment Plant

Year Ending August 31, 2016

Description -----	Forecast 14-15 -----	Budget 14-15 -----	Budget 15-16 -----	16-17 -----	17-18 -----	18-19 -----	19-20 -----	6 TO 10 YRS -----	11 to 15 YRS -----
Plant									
Vehicles & Equipment:									
Maintenance Truck				25,000				25,000	25,000
Operator Truck			38,000		38,000			38,000	38,000
Electrical Truck	32,000	35,000				35,000	35,000	35,000	35,000
Instrument Truck					30,000			60,000	60,000
Utility Vehicles-Replace Polaris								50,000	50,000
Utility Vehicles-Replace Kubota									
Utility Vehicles-Replace Mule	15,205	16,000							
Tractor, Cu., F.E.L., Box Bl.									100,000
Low Lift (100):									
PAC Feed System Replacement	50,000	575,000	450,000						
Traveling Water Screens (Three)				400,000					
Low Lift Pump Station		125,000	125,000	125,000	125,000	125,000	125,000	625,000	625,000
P101 Pump Set	17,000								
P102 Pump Set	5,223								
P103 Pump Set	125,000								
P104 Pump Set									
P105 Pump Set									
2300V/480V Area Transformer					500,000				
Concrete Surfacing									
MCC Building Modifications			10,000						15,000
Piping Refurbishment / Painting	70,000	150,000	150,000	150,000	150,000	150,000	150,000	750,000	750,000
Clarifier (200):									
Pipe Rack Rehab			20,000						
RC 1 & 2 Effluent Pipe Rehabilitation									200,000
RC 1 Rehab				150,000				150,000	
RC 2 Rehab						200,000		70,000	
RC 3 Launder (Weir) Rehab			160,000					80,000	
RC 4 Rehab	210,000	160,000						160,000	
RC 4 Rebuild Rake & Gear Tower			75,000						
RC Pump House Havoc									20,000
RC Pump #1 & #2 Pump House Roof	9,000	10,000							10,000
RC Pump #3 & #4 Pump House Roof	9,000			10,000					10,000
Clarifier Waste (300):									
P321 Waste Pump (RC 1 or 2)						15,000		75,000	75,000
P322 Waste Pump (RC 1)							15,000		15,000
P323 Waste Pump (RC 2)								15,000	15,000

Gulf Coast Water Authority
Capital Improvement Program

Thomas Mackey Water Treatment Plant

Year Ending August 31, 2016

Description	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
P324 Waste Pump (RC 3)			15,000						16,000
P325 Waste Pump (RC 3 or 4)				15,000					16,000
P326 Waste Pump (RC 4)					15,000				16,000
P301 Recycle Pump (RC 1)					10,000			20,000	20,000
P302 Recycle Pump (RC 1 or 2)	10,000	10,000			10,000			20,000	20,000
P303 Recycle Pump (RC 2)	10,000	10,000			10,000			20,000	20,000
Filter (400):									
Filter Effluent Flow Meter	11,000	11,000	10,000	10,000	10,000	10,000	10,000	50,000	50,000
Pipe Gallery Dehumidifier						200,000			
Pipe Gallery Modifications	40,000	50,000	100,000						
Pipe Gallery Pipe Paint								20,000	200,000
Filter Turbidity Meters (12)						30,000		30,000	
Enclosed Roofing Over Filters						250,000	250,000		
Filter Spare Air Scour Blower & Motor	40,000	50,000							
Filter 5 Influent Valve									
Chemical Feed Floor Resurfacing	15,400								
Clearwell (500):									
Clearwell Pump Station		265,000	125,000	125,000		125,000	125,000	250,000	610,000
P501 Pump Set									
P502 Pump Set	0								
P551 Pump Set									
P552 Pump Set									
P553 Pump Set	107,000								
P554 Pump Set									
P555 Pump Set									
P555 VFD	5,000								
Piping Refurbishment	57,478								
Distribution (600):									
Minilab Ventilation									
Minilab Ventilation	8,200	35,000							
Replacement Of Chlorine Meters			10,500						
Distribution Pump Station		600,000	1,100,000	450,000	150,000	150,000	150,000	750,000	750,000
P601 Pump Set With Can (900Hp)									
P602 Pump Set With Can (600Hp)									
P603 Pump Set With Can (900Hp)	150,000								
P604 Pump Set (450Hp)									
P605 Pump Set With Can (450Hp)									
Distribution VFD Cells (2 Spares)								85,000	100,000
P601 & P603 VFD Repairs	119,730	120,000							150,000

Gulf Coast Water Authority
Capital Improvement Program

Thomas Mackey Water Treatment Plant

Year Ending August 31, 2016

Description	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
P604 & P605 VFD Repairs								120,000	150,000
Distribution Header Pipe Replacement	80,000	115,000							
Distribution MCC			75,000					10,000	10,000
Distribution HVAC System	8,000	8,000						20,000	20,000
Distribution MCC Roof And Painting	22,704								
Distribution Flow Meters N-E & N-W								10,000	10,000
Distribution SCADA Meters & Controls	90,000	90,000							
Distribution Pump Station Pipe Recirculation								50,000	
Paint Fill Lines For GST					25,000				
GST601 Cleaning (3 Mg)			25,000						
GST602 Cleaning (6 Mg)			35,000						
Backwash (700):									
BW Basin Pumps	55,000	55,000						50,000	70,000
P704 BW Basin Pump	6,797								35,000
P703 BW Basin Pump									35,000
P701 BW Basin Pump (P46)								7,000	
P702 BW Basin Pump (P47)								7,000	
BW Basin Flow Meter	20,000	20,000							
BW Basin Improvements	0	100,000	100,000						
Thickener (800):									
P811 Thickener Pump			10,000					10,000	10,000
P812 Thickener Pump			10,000					10,000	10,000
P811 Thickener Motor				5,000				5,000	5,000
P812 Thickener Motor				5,000				5,000	5,000
Thickener Drive Unit			25,000						25,000
Thickener Pump House HVAC	6,131								50,000
Chemicals (900):									
Fluoride Feed System								20,000	
Ferric Feed System				20,000					20,000
Polymer Feed System - Pumps And Activation	10,000	20,000							10,000
Pre-Oxidation ClO2 Generator				25,000				50,000	50,000
Post Oxidation ClO2 Generator				10,000				20,000	20,000
Ammonia Feed System (LAS)	100,000	125,000						125,000	
Cl2 Feed System	10,000	10,000			10,000			20,000	20,000
Sodium Hypochlorite (Conversion From Gas)					10,000			10,000	10,000
Zinc Phosphate System									
Cl2 New Hoist System & Tractor			30,000						
Control Building:									

Gulf Coast Water Authority
Capital Improvement Program

Thomas Mackey Water Treatment Plant

Year Ending August 31, 2016

Description	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Fire Alarm System			20,000						100,000
Roof				100,000					100,000
Office Modification	50,000		80,000						
Loading Dock Door	5,000	35,000							
Control Building & Distr MCC Hatch Covers			15,000						
Replace Transformer			250,000						
Internal Clean & Paint							30,000		30,000
External Cleaning And Painting			25,000				60,000		60,000
Control Room:									
SCADA Server Upstairs Control Room	100,000	100,000	100,000						
Training Room Upgrade	20,000	30,000	25,000						
200KW Genset Repairs			10,000	75,000					
Laboratory:									
Lab Glassware Washer	10,655	9,000							
TOC Analyzer							45,000	45,000	45,000
GC Piping Preplacement									
GC/Mass Spec Analyzer	50,312			35,000					
Refurbish Fume Hood				20,000	20,000				
Autoclave -Sanitizer	6,342								
Microscope			25,000						
Water Quality Monitoring Equipment			50,000						
Ion Chromatography							65,000	65,000	65,000
Specialized Water Lab Freezer	3,465	10,000							
Plant Wide:									
Plant Air Compressor & Dryer	35,000	25,000		10,000		10,000		50,000	50,000
Replace WTP Air System Piping	7,500		25,000						
Deep Well Anode For Cathodic Protection	23,000							25,000	25,000
Primary Duct Bank (D)			100,000						
Primary Duct Bank (C)				750,000					
Security Fencing Around WTP	70,000	50,000		50,000					
WTP Parking Lot									25,000
Plant Roads & Drainage	60,000	60,000	50,000						50,000
Electrical Feed from IPS Generators (Land - Generator Site & Prep) No Land Purchase	29,405								
Sludge Fields									
Perimeter Fencing Sludge Fields	10,000	10,000	10,000					25,000	50,000
Sludge Management	50,000	100,000	1,500,000						

Thomas Mackey Water Treatment Plant

Year Ending August 31, 2016

Description	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Water Quality Monitoring Equipment	40,000	40,000	40,000	40,000	40,000	40,000	40,000	200,000	200,000
Distribution Line Rehab	100,000	320,000	Budgeted separately by distribution						
Distribution Line Condition Assessment									
219 Highway 6 Pipeline Study	54,444								
140 Calder Road Line Rehabilitation 39" Main	40,000								
SCADA Improvements			200,000						
10 Takepoint Meters - Southline			100,000	100,000					
4 Takepoint Meters - Norhtline			40,000	40,000					
2 Takepoint Meters - Bayshore Group			20,000	20,000					
2 Takepoint Meters - Texas City			20,000	20,000					

Total Projects	2,289,991	3,554,000	5,403,500	2,785,000	1,153,000	1,340,000	1,100,000	4,337,000	5,376,000
Total Proceeds from 5 Year Note			-2,600,000						
BUDGET PROJECTS	2,289,991	3,554,000	2,803,500	2,785,000	1,153,000	1,340,000	1,100,000	4,337,000	5,376,000

Administrative Projects 27,720.08 31,210.80 31,131.50

Total WTP 2,317,711.08 3,585,210.80 2,834,631.50

Projects by 5 Year Note

Sludge Management 1,500,000
Distribution Pump Station 1,100,000

5 Year Note at 4 % 2,600,000
Annual Payments 520,529

Gulf Coast Water Authority
Capital Improvement Program

Galveston County WCID #12

Year Ending August 31, 2016

DESCRIPTION -----	Forecast	Budget							
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
	-----	-----	-----	-----	-----	-----	-----	-----	-----
Pipeline Rehabilitation			25,000.00						
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL	0.00	0.00	25,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	=====	=====	=====	=====	=====	=====	=====	=====	=====

Gulf Coast Water Authority
Capital Improvement Program

North Line Distribution

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget							
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Pipeline Rehabilitation			40,000.00						
Pipeline Study (5,000 LF)			100,000.00						
TOTAL	0.00	0.00	140,000.00	0.00	0.00	0.00	0.00	0.00	0.00

Gulf Coast Water Authority
Capital Improvement Program

Bayshore Group Distribution

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget							
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Pipeline Rehabilitation			40,000.00						
TOTAL	0.00	0.00	40,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	=====	=====	=====	=====	=====	=====	=====	=====	=====

Gulf Coast Water Authority
Capital Improvement Program

Southline (14)

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget							
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Pipeline Rehabilitation			125,000.00						
Pipeline Study (10,000 LF)			200,000.00						
TOTAL	0.00	0.00	325,000.00	0.00	0.00	0.00	0.00	0.00	0.00

Gulf Coast Water Authority
Capital Improvement Program

Galveston Series 2002

Year Ending August 31, 2016

DESCRIPTION -----	Forecast	Budget							
	14-15 -----	14-15 -----	15-16 -----	16-17 -----	17-18 -----	18-19 -----	19-20 -----	6 TO 10 YRS -----	11 to 15 YRS -----
Galveston Line Rehabilitation			100,000						
Feasibility Study - Galveston Bay Line			150,000						
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL	0.00	0.00	250,000	0.00	0.00	0.00	0.00	0.00	0.00
	=====	=====	=====	=====	=====	=====	=====	=====	=====
Administrative Projects	801.21	902.10	1,045.00						
	-----	-----	-----						
Total	801.21	902.10	251,045.00						

Gulf Coast Water Authority
Capital Improvement Program

Chocolate Bayou**Year Ending August 31, 2016**

DESCRIPTION	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
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Vehicles & Equipment:

Polaris 800XP				15,000				15,000	15,000
1/2 ton Pickup				25,000				25,000	25,000
1/2 Ton 4x4 Pickup			35,000		30,000		30,000	90,000	90,000
3/4 Ton 4X4 Pickup				38,000	38,000		38,000	114,000	114,000
Portable Pump - Moved from Juliff									
Irrigation Meters 50 @ \$5,000 -	200,000	250,000							

William J May Plant #1

Recondition Intake Pipes ©					100,000				
Recondition Discharge Pipes (C)				150,000					
Recondition Discharge Gates (C)									
P1 Pump Set					130,000	225,000			50,000
P2 Pump Set				225,000					50,000
P3 Pump Set						130,000	225,000		50,000
Switchgear Upgrade	9,588								
Vacuum Pump			25,000						
Security Camera and SCADA		15,000							
House Improvement	100,000	145,000	100,000						
12 Ton Overhead Crane									

William J May Plant #2

P4 Pump Set						350,000			100,000
P5 Pump Set	41,000			350,000					100,000
P6 Pump Set					350,000				100,000
Replace Discharge Flap Gates									
Support Structure Refurbishment Sandblast and Paint									
Security Camera and SCADA	5,000	10,000							

Juliff Canal:

First Bridge Br 1									20,000
First Underdrain U-1				65,000					
Second Underdrain U-2				30,000					
Second Bridge Br 2					25,000				
Third Underdrain U-3								25,000	
Third Bridge Br-3									35,000
Oyster Creek Flume									

Chocolate Bayou**Year Ending August 31, 2016**

DESCRIPTION	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Oyster Creek Flume SCADA	30,000								
Fourth Bridge Br-4					40,000				
Fourth Underdrain U-4					25,000				
Fifth Underdrain U-5				25,000					
Sixth Underdrain U-6					25,000				
CR 56 Br-5				40,000					
Gate #1 (Radial Gate) Refurbishment Chk-1								30,000	
Seventh Underdrain U-7									15,000
CR 54 U-8						40,000			
CR 53 BR-6								40,000	
CR 53 U-9									15,000
Chk-2 Downstream Erosion									20,000
CR 48 Chk-3 Downstream Erosion									20,000
Hwy 288 U-10	0	20,000	20,000						25,000
U-11			20,000						15,000
T at Juliff/Angleton Intersection				225,000					
Juliff Canal Chk-4 replacement									100,000
Juliff Canal Norris Chk-5			25,000						
Juliff Canal Smith Chk-6 Downstream Erosion			25,000						
Juliff Canal Brodden Chk-7 Downstream Erosion			25,000						
Juliff Canal Harper Chk-8 Downstream Erosion			25,000						
Juliff Canal Harpers Bridge Br-7								40,000	
Juliff Canal Harpers Underdrain U-12									20,000
Juliff Canal Garrett Chk-9									25,000
Pipes, Meters & SCADA @ Brunner Ditch									25,000
Juliff Canal Highway 35 Chk-10 Replacement					225,000				25,000
Juliff Canal Liverpool Bridge Br-8									30,000
Juliff Canal Liverpool Chk-11								25,000	
Juliff Canal U-12 (below Cr 171)									15,000
Juliff Canal CR 210 Br-9									40,000
Juliff Canal Williams Chk-12	25,000	7,500						25,000	
Juliff Canal Swichemer Br-10 & Chk-13									
Juliff Canal Chk-14									25,000
Juliff Canal Red Combine Br-11									
Juliff Canal Br-12									30,000
Juliff Canal Blue Valve Chk-15									10,000
Juliff Canal Scott Harriston Chk-16					20,000				
JA Chk-1/Company Lock Radial Gate			25,000						
JA Buice Chk-2									20,000
JA Buice Underdrain U-1									15,000
JA Cooper Chk-3									20,000
JA Austin Bayou Aerial Crossing 1									20,000

Chocolate Bayou**Year Ending August 31, 2016**

DESCRIPTION	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
JA Highway Chk-4									20,000
JA Highway Underdrain U-2									15,000
JA Bonney Chk-5 Erosion Control					25,000			15,000	
JA Austin Bayou Aerial Crossing 2						50,000			
JA Turner Rd Chk-6	11,000	7,500		20,000					
JA Pipe Crossing 1					80,000				
JA JLC Pipe Crossing 2									160,000
JA CR 48 Racetrack Underdrain U-3									30,000
JA Cornfield Chk-7				50,000					
JA CR 49 Pipe Crossing 3 Br-1									
JA Between CR 49 & CR 45 Pipe Crossing 4									50,000
JA CR 45 Flores Bayou Spillway/Meter									
JA CR 45 Br-2									50,000
JA Westfork Flores Bayou Pipe Aerial Crossing 5				40,000					7,500
JA Spoor Bridge Br-3									20,000
JA Hi Line Chk-8 Br-4									10,000
JA Sebesta #1 Bridge Br-5									20,000
JA Sebesta #2 Bridge Br-6									20,000
JA Sebesta #3 Bridge Br-7									40,000
JA Sebesta #4 Bridge Br-8									40,000
JA Sebesta #5 Bridge Br-9									40,000
JN North Line Takeoff									15,000
JN Olsovsky Chk 1 Br1									7,500
JN Sterling Lakes Aerial Crossing									7,500
JN Sterling Lakes Bridge Br 2									7,500
JN Olsovsky Sterling Lake Chk-2									7,500
JN CR 48 Br 3								200,000	
JN Pipe Crossing above CR 524									15,000
JN CR 524 Br 4									15,000
JN Olsovsky Underdrain U-1									
JN Olsovsky N Chocolate Chk-3									15,000
JN Br-5 Upstream of CR 67								7,500	
JN CR 67 Br-6									15,000
JBL Takeoff Under Bruner Ditch									7,500
JBL Pipe Under Bruner Ditch	20,000	15,000							
JBL Chk-1 Br-1	8,000							16,000	
JBL Chk-2 Br-2		7,500				8,000		16,000	
JBL U-1									15,000
JBL Br-3									15,000
JBL Br-4									15,000
JBL Chk-3 Br-5	10,000	10,000							
JBL FM 1462 Bridge Crossing Br-6									100,000

Chocolate Bayou**Year Ending August 31, 2016**

DESCRIPTION	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Chocolate Bayou									

Chocolate Bayou Shop

Shop Roof Replacement	31,000	50,000							
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Chocolate Bayou Pump Station

Pump Station Support Piling Rehabilitation			100,000	100,000					
Pumping Plant Replacement				100,000	250,000	3,000,000			
P1 Pump and R.A.D.	0	200,000		200,000					200,000
P2 Pump and R.A.D.	75,000								150,000
P3 Pump and R.A.D.						150,000			150,000
P4 Pump and R.A.D.					150,000				150,000
#1 Natural Gas Engine Replacement							25,000		25,000
#2 Natural Gas Engine Replacement/Refurbish							25,000		25,000
#3 Natural Gas Engine Replacement/Refurbish							25,000		25,000
#4 Natural Gas Engine Replacement/Refurbish							25,000		25,000
Replace Hinges, flap gates & Gaskets	10,000	40,000							
Roof Replacement Pump Station									
Salt Water Barrier Improvements (D & P)	80,000	120,000	90,000						
Salt Water Barrier Improvements (C)	0	1,200,000		1,200,000					
SCADA		10,000							

Chocolate Bayou Canal

CB FM 2917 U-1									15,000
CB Br-1									40,000
CB FM 2917 Br-2									20,000
CB East FM 2403 Br-3	35,000								50,000
CB East FM 2403 U-2									15,000
CB CR 169 Siphon under RR Track & CR169			400,000						
CB K-Pod Chk-1	15,000								
CB New Bayou Siphon Pipe Replacement									15,000
CB Phillips Wood Chk-2									15,000
CB Y Chk-3	10,000	12,000							25,000
CB Meter 1 Pipe, gate and meter replacement							125,000		125,000
CB Y Crossing Bridge Br-4									
CB West Mustang Reservoir Inlet Chk-4									20,000
CB West Mustang Reservoir Chk-5									
CB West Mustang Reservoir Chk-6									
CB SW Mustang Reservoir Discharge Outlet									10,000
CB Ineos Canal Crossing Bridge Br-5									
CB Ineos Canal Chk-7 Br-6									20,000
CB Ineos Canal U-3									20,000
CB Ineos Canal Chk-8									15,000

Chocolate Bayou**Year Ending August 31, 2016**

DESCRIPTION	Forecast 14-15	Budget 14-15	Budget 15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
CB Ineos Canal Meter 1 Br-7	15,000								20,000
CB Meter 3 Pipe, gate & meter replacement									
CB Meter 3 Canal Mustang Bayou Crossing									25,000
CB Meter 3 Canal Br-1								5,000	
CB Meter 3 Canal Br-2								5,000	
CB Meter 3 Canal Br-3								5,000	
CB Meter 3 Canal U-1									10,000
CB Meter 3 Canal Mustang East Gate #5									30,000
CB Meter 3 Canal Br-4								5,000	
CB Meter 3 Canal Br-5									5,000
CB Meter 3 Canal Br-6									5,000
CB Meter 3 Canal Br-7									12,000
CB Meter 3 Canal Chk-1 Br-8									5,000
CB Meter 3 Canal Br-9								12,000	
CB Meter 3 Canal Chk-2 Br10									5,000
CB Meter 3 Canal Chk-3 Br-11									5,000
CB Meter 3 Canal U-2								7,500	
CB Meter 3 Canal U-3									7,500
CB Meter 3 Canal Chk-4 Br-12									7,500
CB Halls Canal Chk-1 Br-1									12,000

Mustang Bayou Pump Station

Mustang Bayou MCC								30,000	
P1 Pump Set								30,000	
P2 Pump Set				50,000					30,000
P3 Pump Set									25,000
Pump Discharge Piping and Flap Gates									
SCADA									
Mustang Reservoir Equalizer Pipes			100,000						
Mustang Reservoir Gate 3								20,000	

SCADA System Improvements:

SCADA Improvements		75,000						50,000	50,000
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TOTAL PROJECTS	730,588.00	2,119,500	1,065,000	2,948,000	1,513,000	3,953,000	293,000	1,078,000	3,483,000
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Administrative Projects	12,398.04	13,959.30	17,508.50
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Total Chocolate Bayou	742,986.04	2,133,459.30	1,082,508.50
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Gulf Coast Water Authority
Capital Improvement Program

LEAGUE CITY SEWPPYear Ending August 31, 2016

DESCRIPTION	Forecast	Budget							
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Highway 3 Line		1,000,000	862,000						
Slip Line Calder Road									
South Shore 42-in									
TOTAL	0	1,000,000	862,000	0	0	0	0	0	0
Administrative Projects	660.79	744.00	1,102.00						
Total	660.79	1,000,744.00	863,102.00						

Gulf Coast Water Authority
Capital Improvement Program

SEWPP - Pearland

Year Ending August 31, 2016

DESCRIPTION	Forecast	Budget							
	14-15	14-15	15-16	16-17	17-18	18-19	19-20	6 TO 10 YRS	11 to 15 YRS
Plant Expansion from 120-MGD to 200 _ MGD			0						
TOTAL	0	0	0	0	0	0	0	0	0
Administrative Projects	586.45	660.30	693.50						
Total	586.45	660.30	693.50						