

**Coral Springs
Improvement District**

Agenda

September 16, 2019



Coral Springs Improvement District

September 9, 2019

Board of Supervisors
Coral Springs Improvement District

Dear Board Members:

The regular meeting and public hearings of the Board of Supervisors of the Coral Springs Improvement District will be held on September 16, 2019 at 4:00 p.m. at the District Offices, 10300 NW 11th Manor, Coral Springs, Florida. Following is the advance agenda for the meeting.

1. Roll Call
2. Approval of the August 19, 2019 Meeting Minutes
3. Audience Comments
4. Approval of Financial Statements for August 19, 2019
5. Consideration of Permit 2019-3, MCI Metro for the Installation of Fiber Optic Cable Route at Canal C-2 and Sawgrass Expressway
6. Public Hearing to Consider Adoption of the Water and Sewer Budget for Fiscal Year 2020
 - A. Fiscal Year 2020 Proposed Water and Sewer Budget
 - B. Resolution 2019-11, Adopting the Water and Sewer Budget for Fiscal Year 2020
7. Public Hearing to Consider Modification to Water and Sewer Utility Rates, Resolution 2019-12
8. Public Hearing to Consider Proposed Fee for Annual Inspection of Backflow Prevention and Data Retention
 - A. Resolution 2019-13, Approving Annual Fee for Backflow Preventer Inspection and Date Retention
 - B. BSI Agreement with Backflow Solutions, Inc.
9. Closeout of Lift Stations Restoration Projects with TRIO
 - Lift Station #2 for a Decrease of \$8,945.97
 - Lift Station #5 for a Decrease of \$3,592.57
 - Lift Station #14 for a Decrease of \$14,301.13
10. Staff Reports
 - A. Manager – Ken Cassel
 - B. Engineer – Rick Olson
 - C. Department Reports
 - Operations – Dan Daly
 - Utility Billing Work Orders
 - Utilities Update (David McIntosh)
 - Water – Joe Stephens (Report Included)
 - Wastewater – Kenneth Miller (Report Included)
 - Stormwater – Shawn Frankenhauser (Report Included)
 - Field – Curt Dwiggin (Report Included)
 - Maintenance Report – Pedro Vasquez (Report Included)
 - Human Resources – Jan Zilmer
 - Motion to Accept Department Reports
 - D. Attorney



Coral Springs Improvement District

11. Supervisors' Requests
12. Adjournment

Any supporting documents not included in the agenda package will be distributed at the meeting. If you have any questions prior to the meeting, please contact me.

Sincerely,

Kenneth Cassel/sd
District Manager

cc: District Staff
Terry Lewis
Seth Behn
Rick Olson
Beverley Servé
Stephen Bloom

Second Order of Business

Placeholder for August 19, 2019 Meeting Minutes

Fourth Order of Business



CORAL SPRINGS IMPROVEMENT DISTRICT

FINANCIAL REPORTING – MEETING SEPTEMBER 16, 2019

CORAL SPRINGS IMPROVEMENT DISTRICT

FINANCIAL REPORTING FOR AUGUST 2019

SEPTEMBER 16, 2019

Board of Supervisors Meeting

**CORAL SPRINGS IMPROVEMENT DISTRICT
BALANCE SHEET
All Fund Types and Account Groups**

AUGUST 31, 2019

DESCRIPTION	GENERAL FUND	WATER & SEWER FUND	GENERAL FIXED ASSETS	TOTALS
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ASSETS

Cash & Cash Equivalents				
Checking Accounts	\$ 3,163,780	6,333,839	\$ -	\$ 9,497,619
CDAR'S	-	2,000,000	-	2,000,000
CD'S & Money Market Accounts	2,145,606	7,309,067	-	9,454,673
Investments	1,627,402	2,452,401	-	4,079,803
Restricted Investments	-	4,637,827	-	4,637,827
Accounts Receivable	-	659,863	-	659,863
Accrued Interest Receivable	-	51,886	-	51,886
Unbilled Utility Revenues Receivable	-	767,049	-	767,049
Due from Other Funds	547	-	-	547
Prepaid Expenses	2,203	19,533	-	21,736
Deferred Outflow-2007 Series	-	1,592,775	-	1,592,775
Land	-	361,739	553,200	914,939
Easements	-	394,998	-	394,998
Meters in Field (Net)	-	1,051,699	-	1,051,699
Machinery & Equipment (Net)	-	363,405	155,242	518,647
Imp. Other than Bldgs. (Net)	-	51,191,976	6,242,174	57,434,150
Buildings (Net)	-	146,993	-	146,993
Construction in Progress	-	2,398,780	-	2,398,780

TOTAL ASSETS	\$ 6,939,538	\$ 81,733,830	\$ 6,950,616	\$ 95,623,984
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**CORAL SPRINGS IMPROVEMENT DISTRICT
BALANCE SHEET
All Fund Types and Account Groups**

AUGUST 31, 2019

DESCRIPTION	GENERAL FUND	WATER & SEWER FUND	GENERAL FIXED ASSETS	TOTALS
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LIABILITIES

Accounts Payable	\$ -	\$ -	\$ -	\$ -
Contracts Payable	-	-	-	-
Retainage Payable	-	-	-	-
Accrued Int Payable-2016 Series	-	306,608	-	306,608
Accrued Wages Payable	-	-	-	-
Accrued Vac/Sick Time Payable	-	236,396	-	236,396
Pension Payable	-	-	-	-
Utility Tax Payable	-	49,382	-	49,382
Payroll Taxes Payable	-	-	-	-
Deposits	77,357	550,705	-	628,062
Deferred Revenues	-	-	-	-
Due to Other Funds	547	752	-	1,299
Net OPEB Obligation	-	99,348	-	99,348
Bonds Payable-2016 Series	-	38,615,000	-	38,615,000

TOTAL LIABILITIES	\$ 77,904	\$ 39,858,191	\$ -	\$ 39,936,095
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FUND BALANCE / NET POSITION

Fund Balance:				
Unspendable	2,203		-	2,203
Assigned	3,584,166		-	3,584,166
Unassigned	3,275,265	-	-	3,275,265
Net Position	-	41,875,639	-	41,875,639
Investment in GF	-	-	6,950,616	6,950,616

TOTAL FUND BALANCE/ NET ASSETS	\$ 6,861,634	\$ 41,875,639	\$ 6,950,616	\$ 55,687,889
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TOTAL LIABILITIES & FUND BALANCE	\$ 6,939,538	\$ 81,733,830	\$ 6,950,616	\$ 95,623,984
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**CORAL SPRINGS IMPROVEMENT DISTRICT
GENERAL FUND**

Statement of Revenues, Expenditures and Change in Fund Balance

For the Period Ending August 31, 2019

ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 8/31/2019	ACTUAL 11 MONTHS ENDING 8/31/2019	VARIANCE FAVORABLE (UNFAVORABLE)
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REVENUES

Assessments (Net) (*)	\$ 3,849,956	\$ 3,386,483	\$ 3,386,483	\$ -
Permit Review Fees	1,000	917	3,400	2,483
Interest Income	20,000	18,333	111,959	93,626
Shared Personnel Revenue	33,896	31,071	31,071	-
Miscellaneous Revenue	-	-	8,807	8,807
FEMA Reimbursement	-	-	67,517	67,517
Carry Forward Assigned Funds (*)	92,885	-	-	-
TOTAL REVENUES	\$ 3,997,737	\$ 3,436,804	\$ 3,609,237	\$ 172,433

EXPENDITURES

ADMINISTRATIVE

Supervisor Fees	\$ 7,200	\$ 6,600	\$ 6,600	\$ -
Salaries/Wages	133,908	123,607	121,933	1,674
Special Pay (*)	238	238	238	-
FICA Taxes	10,796	9,966	9,862	104
Pension Expense	16,069	14,833	14,931	(98)
Health Insurance	54,611	50,060	48,639	1,421
Workers Comp. Ins.	379	347	487	(140)
Engineering Fees (*)	30,000	25,000	29,856	(4,856)
Legal Fees (*)	60,000	50,000	54,863	(4,863)
Special Consulting Services (*)	100,000	83,333	82,584	749
Annual Audit (*)	10,500	8,000	8,000	-
Actuarial Computation-OPEB	2,772	2,541	-	2,541
Management Fees	57,313	47,761	47,761	-
Telephone Expense	3,334	3,056	3,056	-
Postage	668	612	612	-
Printing & Binding	1,260	1,155	1,155	-
Administrative Building Cost	12,000	11,000	11,000	-
Insurance	1,179	1,081	748	333
Legal Advertising	2,000	1,833	1,065	768
Contingencies/Other Current Charges	1,000	917	613	304
Paver Incentive Program	12,500	11,458	-	11,458
Computer Expense/Technology	29,400	26,950	22,661	4,289
Digital Record Management	1,000	917	68	849
Office Supplies	7,125	6,531	6,531	-
Dues, Licenses, Schools & Permits	7,800	7,150	5,868	1,282
Promotional Expenses (*)	8,400	7,700	1,964	5,736
Capital Purchases (*)	-	-	-	-
TOTAL ADMINISTRATIVE	\$ 571,452	\$ 502,646	\$ 481,095	\$ 21,551

**CORAL SPRINGS IMPROVEMENT DISTRICT
GENERAL FUND**

Statement of Revenues, Expenditures and Change in Fund Balance

For the Period Ending August 31, 2019

ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 8/31/2019	ACTUAL 11 MONTHS ENDING 8/31/2019	VARIANCE FAVORABLE (UNFAVORABLE)
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FIELD OPERATIONS

Salaries and Wages	\$ 278,553	\$ 257,126	\$ 238,585	\$ 18,541
Special Pay (*)	813	813	813	-
FICA Taxes	21,309	19,670	18,038	1,632
Pension Expense	33,426	30,855	28,640	2,215
Health Insurance	88,849	81,445	82,878	(1,433)
Worker's Comp. Insurance	15,433	14,147	14,024	123
Water Quality Testing	3,000	2,750	1,619	1,131
Communications-Radios/Cellphones	1,872	1,716	939	777
Electric	1,411	1,293	580	713
Rentals & Leases	-	-	-	-
Insurance	14,845	13,608	8,974	4,634
R & M - General	54,010	49,509	55,353	(5,844)
R & M - Culvert Inspection & Cleaning	69,500	63,708	129,000	(65,292)
R & M - Canal Dredging & Maintenance	25,000	22,917	-	22,917
R & M - Vegetation Management	15,000	13,750	4,630	9,120
Operating Supplies - General	3,825	3,506	1,528	1,978
Operating Supplies - Chemicals	114,659	105,104	102,820	2,284
Operating Supplies - Uniform	1,823	1,671	1,434	237
Operating Supplies - Motor Fuels	51,705	47,396	11,183	36,213
Dues, Licenses, Schools & Permits	3,752	3,439	1,947	1,492
Capital Outlay-Equipment (*)	27,500	25,208	-	25,208
Capital Improvements (*)	1,000,000	916,667	373,352	543,315

TOTAL FIELD	\$ 1,826,285	\$ 1,676,298	\$ 1,076,337	\$ 599,961
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TOTAL EXPENDITURES	\$ 2,397,737	\$ 2,178,944	\$ 1,557,432	\$ 621,512
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RESERVES

Reserved for 1st Qtr. Operating	350,000	320,833	-	320,833
Reserved for Projects & Emergencies	250,000	229,167	-	229,167
Storm Damages Reserves	1,000,000	916,667	-	916,667

TOTAL RESERVES	\$ 1,600,000	\$ 1,466,667	\$ -	\$ 1,466,667
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TOTAL EXPENDITURES & RESERVES	\$ 3,997,737	\$ 3,645,611	\$ 1,557,432	\$ 2,088,179
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EXCESS REVENUES OVER (UNDER) EXPENDITURES & RESERVES	\$ -		\$ 2,051,805	
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FUND BALANCE BEGINNING			\$ 4,809,829	
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FUND BALANCE ENDING			\$ 6,861,634	
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(*) Not prorated figures

**CORAL SPRINGS IMPROVEMENT DISTRICT
WATER & SEWER FUND
Statement of Revenues, Expenses and Change in Net Assets
For the Period Ending August 31, 2019**

ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 8/31/2019	ACTUAL 11 MONTHS ENDING 8/31/2019	VARIANCE FAVORABLE (UNFAVORABLE)
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REVENUES

Water Revenue	\$ 6,467,008	5,928,091	\$ 5,990,944	\$ 62,853
Sewer Revenue	5,852,977	5,365,229	5,327,532	(37,697)
Standby Revenue	3,120	2,860	2,820	(40)
Processing Fees	12,000	11,000	15,880	4,880
Lien Information Fees	9,000	8,250	16,375	8,125
Delinquent Fees	290,000	265,833	287,975	22,142
Contract Utility Billing Services	59,620	54,652	54,652	-
Contract HR & Payroll Services	12,902	11,827	11,827	-
Facility Connection Fees	-	-	29,960	29,960
Meter Fees	-	-	5,642	5,642
Line Connection Fees	-	-	21,700	21,700
Interest Income-Restricted	-	-	104,095	104,095
Interest Income-Operations	65,000	59,583	286,391	226,808
Rent Revenue	63,304	58,029	84,549	26,520
Technology Sharing Revenue	15,000	13,750	13,750	-
Misc. Revenues	12,000	11,000	31,705	20,705
Renewal & Replacement (*)	365,000	-	-	-
Carryforward Prior Yr. Fund Balance (*)	4,372,639	1,223,000	1,223,000	-
TOTAL REVENUES	\$ 17,599,570	\$ 13,013,104	\$ 13,508,797	\$ 495,693

**CORAL SPRINGS IMPROVEMENT DISTRICT
WATER & SEWER FUND
Statement of Revenues, Expenses and Change in Net Assets
For the Period Ending August 31, 2019**

ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 8/31/2019	ACTUAL 11 MONTHS ENDING 8/31/2019	VARIANCE FAVORABLE (UNFAVORABLE)
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EXPENSES

ADMINISTRATIVE

Salaries and Wages	\$ 1,002,793	\$ 925,655	\$ 855,408	\$ 70,247
Special Pay (*)	2,252	2,198	2,198	-
FICA Taxes	76,713	70,812	64,157	6,655
Pension Expense	120,335	111,078	100,370	10,708
Health Insurance	199,390	182,774	157,724	25,050
Workers Comp. Insurance	2,707	2,481	1,949	532
Unemployment Compensation	4,000	3,667	-	3,667
Engineering Fees (*)	33,600	25,200	6,113	19,087
Trustee/Other Debt Expenses (*)	10,740	9,159	9,159	-
Legal Fees (*)	36,000	27,000	15,600	11,400
Special Consulting Services	90,570	83,023	68,491	14,532
Travel & Per Diem (Board)	4,500	4,125	2,792	1,333
Annual Audit (*)	12,000	12,000	12,000	-
Actuarial Computation - OPEB	2,700	2,475	1,000	1,475
Management Fees	85,973	78,809	78,809	-
Telephone Expense	12,810	11,743	11,623	120
Postage	36,200	33,183	27,762	5,421
Printing & Binding	21,970	20,139	15,526	4,613
Electric Expense	12,000	11,000	8,814	2,186
Rentals and Leases	3,075	2,818	2,244	574
Insurance	15,288	14,014	7,956	6,058
Repair and Maintenance	16,970	15,556	20,862	(5,306)
Legal Advertising	13,800	12,650	560	12,090
Other Current Charges	27,060	24,805	20,256	4,549
Merchant Fees	68,700	62,975	64,427	(1,452)
Computer/Technology Expenses	63,831	58,512	37,265	21,247
Employment Ads	18,840	17,270	8,118	9,152
Toilet Rebate	14,850	13,613	9,207	4,406
Office Supplies	4,000	3,667	505	3,162
Dues, Licenses, Schools & Permits (*)	12,000	11,000	2,043	8,957
Promotional Expenses (*)	18,310	16,784	15,914	870
Capital Outlay (*)	50,000	45,833	13,598	32,235
Total Administrative	\$ 2,093,977	\$ 1,916,018	\$ 1,642,450	\$ 273,568

**CORAL SPRINGS IMPROVEMENT DISTRICT
WATER & SEWER FUND
Statement of Revenues, Expenses and Change in Net Assets
For the Period Ending August 31, 2019**

ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 8/31/2019	ACTUAL 11 MONTHS ENDING 8/31/2019	VARIANCE FAVORABLE (UNFAVORABLE)
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PLANT OPERATIONS

Salaries and Wages	\$ 1,715,618	\$ 1,583,647	\$ 1,303,448	\$ 280,199
Special Pay (*)	2,702	2,599	2,599	-
FICA Taxes	131,244	121,148	99,944	21,204
Pension Expense	203,124	187,499	141,608	45,891
Health Insurance	334,514	306,638	239,074	67,564
Workers Comp. Insurance	59,877	54,887	56,427	(1,540)
Water Quality Testing	72,066	66,061	42,430	23,631
Telephone Expense	9,864	9,042	5,520	3,522
Electric Expense (*)	678,409	565,341	510,063	55,278
Rentals and Leases	13,900	12,742	2,609	10,133
Insurance	158,849	145,612	109,480	36,132
Repair & Maintenance-General	694,656	520,992	407,249	113,743
Repair & Maint-Filters for Water Plant (*)	705,050	609,708	609,708	-
Sludge Management - Sewer	150,000	137,500	92,470	45,030
Office Supplies	2,765	2,535	2,126	409
Operating Supplies - General	95,675	87,702	28,936	58,766
Operating Supplies - Chemicals (*)	408,767	340,639	206,001	134,638
Uniforms	9,255	8,484	6,623	1,861
Motor Fuels	81,756	74,943	13,510	61,433
Dues, Licenses, Schools & Permits (*)	71,212	65,278	51,133	14,145
Capital Outlay (*)	3,276,430	3,003,394	2,453,858	549,536
Renewal & Replacement (*)	365,000	334,583	287,137	47,446
TOTAL PLANT OPERATIONS	\$ 9,240,733	\$ 8,240,974	\$ 6,671,953	\$ 1,569,021

**CORAL SPRINGS IMPROVEMENT DISTRICT
WATER & SEWER FUND
Statement of Revenues, Expenses and Change in Net Assets
For the Period Ending August 31, 2019**

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 8/31/2019	ACTUAL 11 MONTHS ENDING 8/31/2019	VARIANCE FAVORABLE (UNFAVORABLE)
FIELD OPERATIONS				
Salaries and Wages	\$ 748,175	\$ 690,623	\$ 586,976	\$ 103,647
Special Pay	1,459	1,245	1,245	-
FICA Taxes	57,235	52,832	44,953	7,879
Pension Expense	89,780	82,874	67,207	15,667
Health Insurance	206,450	189,246	164,545	24,701
Workers Comp. Insurance	34,864	31,959	38,725	(6,766)
Water Quality Testing	1,000	917	-	917
Naturescape Irrigation Service (*)	4,679	4,679	4,819	(140)
Telephone Expense	10,800	9,900	10,585	(685)
Electric Expense (*)	114,735	95,612	74,604	21,008
Rent Expense	17,480	16,023	1,526	14,497
Rent Expense - SCADA	56,040	51,370	51,370	-
Insurance	22,206	20,355	14,351	6,004
Repairs and Maintenance	97,468	89,346	31,809	57,537
R&M Vehicles	20,000	18,333	20,001	(1,668)
R&M Generators	26,083	23,909	13,708	10,201
R&M Lift Stations	168,850	154,779	112,689	42,090
Meters	49,340	45,228	21,872	23,356
Office Supplies	1,680	1,540	650	890
Operating Supplies - General	61,295	56,187	57,135	(948)
Uniforms	5,820	5,335	3,891	1,444
Motor Fuels	28,580	26,198	16,802	9,396
Dues, Licenses, Schools & Permits (*)	13,296	12,188	7,149	5,039
Capital Outlay (*)	1,324,000	1,213,667	941,776	271,891
Renewal & Replacement (*)	-	-	-	-
TOTAL FIELD OPERATIONS	\$ 3,161,315	\$ 2,894,345	\$ 2,288,388	\$ 605,957
TOTAL OPERATING EXPENSES	\$ 14,496,024	\$ 13,051,337	\$ 10,602,791	\$ 2,448,546

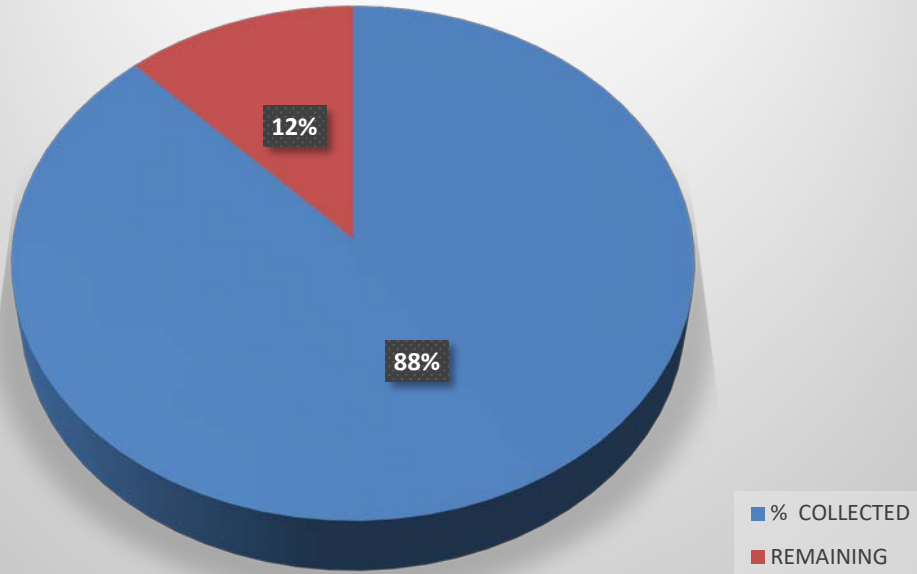
**CORAL SPRINGS IMPROVEMENT DISTRICT
WATER & SEWER FUND
Statement of Revenues, Expenses and Change in Net Assets
For the Period Ending August 31, 2019**

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 8/31/2019	ACTUAL 11 MONTHS ENDING 8/31/2019	VARIANCE FAVORABLE (UNFAVORABLE)
RESERVES				
Required Reserve for R & R	-	-	-	-
TOTAL OPERATING EXP & RESERVE	\$ 14,496,024	\$ 13,051,337	\$ 10,602,791	\$ 2,448,546
AVAILABLE FOR DEBT SERVICE	\$ 3,103,546		\$ 2,906,006	
DEBT SERVICE				
Principal				
2016 Series	1,595,000	1,462,083	1,462,083	-
Interest				
2016 Series	1,226,405	1,124,205	1,124,205	-
Total Debt Service	\$ 2,821,405	\$ 2,586,288	\$ 2,586,288	\$ -
Excess Revenues (Expenses)	282,141		319,718	
TOTAL DEBT SERV & RESERVES	3,103,546		2,906,006	
Net Assets Beginning			\$ 41,555,921	
Net Assets Ending			\$ 41,875,639	

(*) Not prorated figures

SUMMARY OF OPERATIONS & DEBT SERVICE COVERAGE		AMOUNT
REVENUES		\$ 13,508,797
OPERATING EXPENDITURES		
Operating Expenditures-Admin		1,642,450
Operating Expenditures-Plant		6,671,953
Operating Expenditures-Field		2,288,388
TOTAL OPERATING EXPENDITURES		\$ 10,602,791
Reserve Required for Future Debt Service		-
TOTAL OPERATING EXPENDITURES & RESERVES		\$ 10,602,791
AVAILABLE FOR DEBT SERVICE		\$ 2,906,006
LESS: DEBT SERVICE		2,586,288
EXCESS REVENUES (EXP)		\$ 319,718
		Debt Service Coverage
		1.12

CSID Assessment Collected
FY 2018 - 2019



BUDGET	% COLLECTED	REMAINING
100%	88%	12%
\$3,849,956	\$3,386,483	\$463,473

DATE	ASSESSMENTS COLLECTED (Net of all Commissions & Fees)
10/31/2018	\$ -
11/30/2018	497,219
12/31/2018	2,544,812
1/31/2019	68,351
2/28/2019	70,415
3/31/2019	43,334
4/30/2019	88,743
5/31/2019	26,214
6/30/2019	12,310
7/31/2019	35,085
8/31/2019	-
TOTALS	\$3,386,483

CORAL SPRINGS IMPROVEMENT DISTRICT

CHECK REGISTERS

AUGUST 2019

FUND	CHECK DATE	CHECK No.	AMOUNT
General Fund	08/01/2019 thru 08/31/2019	#5001 - #5018	\$113,144.19
Total			\$113,144.19

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/15/19	01151				PARK PROPERTY 07/2019	BECKER & POLIAKOFF, P.A.		9,290.64	005001
8/15/19	00023				12000 SW 1ST ST PS 2 121 NW 93RD TER PS 1	FLORIDA POWER & LIGHT CO.		67.83	005002
8/15/19	00146				TRIBUNE HYDROTHOL AQUATHOL K	HELENA AGRI-ENTERPRISES, LLC		27,160.00	005003
8/15/19	01159				STAMP-RECEIVED-PROXIES	INFRAMARK, LLC		36.74	005004
8/15/19	00232				CSID FLAGS	SMART FLAGS & BANNERS		280.75	005005
8/15/19	00008				PROPANE-PUMP STATION 1 PROPANE-PUMP STATION 2 PROPANE-PUMP STATION 2 PROPANE-PUMP STATION 1	SUN GAS SERVICES		2,751.50	005006
8/15/19	00284				SUNSHINE 50% PINETREE 25% CSID-GF 25%	WASTE PRO-POMPANO		729.39	005007
8/21/19	00267				FDEM GRANT APPLICATION	GLOBALTECH, INC.		6,668.75	005008
8/21/19	00267				WA 153 HURRICANE ASSESS	GLOBALTECH, INC.		800.00	005009
8/21/19	00248				LEGISLATION 07/2019	LEWIS, LONGMAN & WALKER, P.A.		2,500.00	005010
8/21/19	00248				LEGAL SERVICES 07/2019	LEWIS, LONGMAN & WALKER, P.A.		5,197.50	005011
8/21/19	00073				SPARK PLUGS & WIRE	PANTROPIC POWER		5,383.68	005012
8/21/19	01165				COPIER LEASE #7232 08/19 COPIER READS #7232 08/19	XEROX		15.17	005013
8/27/19	99999				VOID CHECK	*****INVALID VENDOR NUMBER*****		.00	005014
8/27/19	00051				UNIFORM RENTAL 07/19 GASOLINE-GAS 07/19 SPRINT 07/19 SAM'S CLUB-FIELD SUP FISH WINDOW CLEANING SUNSENTINEL-ADDS-GF TELEPHONE 08/19 POSTAGE 08/19 PRINT & BINDING 08/19 RENT 08/19 TECHNOLOGY SHARING 08/19 OFFICE SUPPLIES 08/19 HEALTH INS...ADMIN 08/19	CORAL SPRINGS IMPROVEMENT DIST WS		17,274.85	005015
8/27/19	00080				AMT DUE WS 08/23/2019	CORAL SPRINGS IMPROVEMENT DIST WS		33,138.19	005016
8/27/19	00266				FIRE ALARM INSPECT-GF	FIRE & SECURITY SOLUTIONS, INC.		225.00	005017

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YEAR-TO-DATE ACCOUNTS PAYABLE PREPAID/COMPUTER CHECK REGISTER RUN 9/03/19
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BANK G CHKING GENERAL FUND

PAGE 2

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/27/19	00008			LP FUEL-PUMP STATION 1 LP FUEL-PUMP STATION 2	SUN GAS SERVICES		1,624.20	005018
						TOTAL FOR BANK G	113,144.19	
						TOTAL FOR REGISTER	113,144.19	

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CORAL SPRINGS IMPROVEMENT DISTRICT

CHECK REGISTERS
AUGUST 2019

FUND	CHECK DATE	CHECK No.	AMOUNT
Water and Sewer	08/01/2019 thru 08/31/2019	#27809 - #27960	\$804,295.71
Total			\$804,295.71

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/01/19	00352				UTILITY TAXES 07/2019 CITY OF CORAL SPRINGS		52,858.56	027809	
8/01/19	01355				DR-AUGUST 2019-PREPAID SERVICES 06/26-07/25/2019 OFFICESTREAM, INC.		430.00	027810	
8/01/19	01561				PRINCIPAL 2016 SER 08/19 US BANK		136,666.67	027811	
8/01/19	01562				INTEREST 2016 SER 08/19 US BANK		98,146.46	027812	
8/02/19	99999				VOID CHECK *****INVALID VENDOR NUMBER*****		.00	027813	
8/02/19	99999				VOID CHECK *****INVALID VENDOR NUMBER*****		.00	027814	
8/02/19	99999				VOID CHECK *****INVALID VENDOR NUMBER*****		.00	027815	
8/02/19	99999				VOID CHECK *****INVALID VENDOR NUMBER*****		.00	027816	
8/02/19	01130				CBOD & TSS 9060101 CBOD & TSS 9060112 CBOD & TSS 9060134 CBOD & TSS 9060136 CBOD & TSS 9060641 DISINFECTION 9060237 CBOD & TSS 9060302 MONITORING WELLS 9060303 CBOD & TSS 9060304 CBOD & TSS 9060305 CBOD & TSS 9060341 CBOD & TSS 9060404 CBOD & TSS 9060405 RO CONCEN 9060406 TOTAL P & N 9060536 FLUORIDE 9060537 MONTHLY BACTERIA 9060538 CBOD & TSS 9060539 AWWA-RENEWAL DUES PLATE COUNT 9060594 CBOD & TSS 9060595 CBOD & TSS 9060596 CBOD & TSS 9060597 CBOD & TSS 9060598 AMAZON-CHECK TONER MONITORING WELLS 9060683 ANTHONYS-MANAGER MEETING SEDA-REGISTER 3 EE AMAZON-VANITY LADIES BR CBOD & TSS 9060770 CBOD & TSS 9060771 CBOD & TSS 9060772 MONTHLY BACTERIA 9060856 CBOD & TSS 9060857 HD SUPPLY-VALVE MOUNTING HYDRANAUTICS-REFUND				

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
					NORTON-REFUND NORTON-RENEW 10 SEATS NORTON-RENEWAL GLOBAL TEST-METAL DETECTR PENTAIR-TRAIN SADDLES 25 KELE-POWER SUPPLY LASPADAS-GF LUNCH NORTON-RENEW 10 SEATS AMAZON-TONER HOME DEPOT FLOOR&DECOR-TILE WOMEN'S BJ'S-LUNCH INSURANCE-3 AMSTERDAM HR FOLDER-EE'S WAYFAIR-MEN'S TILE WAYFAIR-FACUET-MEN'S BATH WAYFAIR-SINK DRAIN-MEN'S FRANCO TYP-POSTAGE-REFILL FLEETIO-MONTHLY FEE FLOOR&DECOR-TILE-WOMEN INDEED-EMPLOY-PINE TREE BATTERIES+BULBS-VALVE MAC	AMERICAN EXPRESS		8,993.18	027817
8/02/19	01644				BACKFLOW-MAINT BACKFLOW TEST-PRESS BLDG BACKFLOW TEST-HSP BLDG	AMERICAN ALLSTATE BACKFLOW		300.00	027818
8/02/19	01533				PREVENTATIVE MAINT-EQUIP	EATON CORPORATION		2,100.00	027819
8/12/19	00005				COT SOD HYPO 58¢ COT SOD HYPO 42¢ COT-SOD HYPO 58¢ COT SOD HYPO 42¢	ALLIED UNIVERSAL CORP.		5,035.78	027820
8/12/19	00694				TECH SUPP 06/26-07/25/19	ASSOCIATED SYSTEMS, INC.		1,185.00	027821
8/12/19	01502				MAIN GATE-SERVICE CALL	AT & I SYSTEMS		89.00	027822
8/12/19	00018				PLANT D- 2" VALVE	FEL-POMPANO BEACH, FL WW # 125		44.60	027823
8/12/19	00063				SAND STRAINER-O RING	GRAINGER, INC.		3.36	027824
8/12/19	01556				BAR SCREEN BAGS	HUBER TECHNOLOGY INC.		530.00	027825
8/12/19	01329				IRA-08/06/19 PLAN 705880	VANTAGEPOINT TRANSFER AGENTS-705880		765.00	027826
8/12/19	01459				DRUG SCREEN-NEW EE/WATER	MEDEXPRESS URGENT CARE OF BOYNTON		25.00	027827
8/12/19	00576				EP2 GREASE FREIGHT	MOTION INDUSTRIES, INC.		128.13	027828
8/12/19	00044				MISC OFFICE SUPP-WW MOINTOR-CARLOS	OFFICE DEPOT BUSINESS CREDIT		141.82	027829
8/12/19	01150				OFFICE SUPPLIES				

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/12/19	01434			OFFICE SUPPLIES-BINDER OFFICE SUPP-BLK STAMP PAD COPY PAPER-4 CASE	OFFICE DEPOT		191.60	027830	
8/12/19	01656			BUSINESS CARDS-6 EMPLOYEE	MICHAEL PEAKE		251.00	027831	
8/12/19	00200			LEVY LOANS PER 08-08-2019	PERFORMANT RECOVERY, INC.		172.04	027832	
8/12/19	01175			WORKSHOP	SUN-SENTINEL (SOUTH FLORIDA)		114.80	027833	
8/12/19	01564			UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD 7/31/2019 UNIFORMS-GF 07/31/19	UNIFIRST CORPORATION		210.25	027834	
8/12/19	00441			LEVY LOANS PER 08-08-2019	US DEPARTMENT OF EDUCATION AWG		258.06	027835	
8/12/19	01529			LAB CHEMICALS FREIGHT LAB CHEMICALS FREIGHT	USA BLUEBOOK		1,450.05	027836	
8/12/19	01264			TRASH SERVICES-07/2019	WASTE PRO-POMPANO		484.96	027837	
8/12/19	01264			ADMIN PHONE 08/19 FIELD PHONE 08/19	WINDSTREAM COMMUNICATIONS, LLC		181.27	027838	
8/12/19	01465			ADMIN PHONE 08/19 WASTE PHONE 08/19 FIELD PHONE 08/19	WINDSTREAM COMMUNICATIONS, LLC		240.93	027839	
8/12/19	01318			HSP-SWITCH COVERS	WORLD ELECTRIC SUPPLY, INC.		65.77	027840	
8/15/19	88888			PUMP CONVERTER-PARTS ALL LIFT STATIONS-PUMP PA SHIPPING	XYLEM WATER SOLUTIONS USA, INC.		769.86	027841	
8/15/19	88888			900476706 CAMPBELL ERROL	ERROL CAMPBELL		61.93	027842	
8/15/19	88888			900515214 QUINTERO/ORHUEL	*MARY QUINTERO/SIXTO ORHUELA		61.93	027843	
8/15/19	88888			300926904 SOKOLOFF BARRY	BARRY SOKOLOFF		150.96	027844	
8/15/19	88888			710010407 GIANNOCCOLI DAN	DANIELA GIANNOCCOLI		1.38	027845	
8/15/19	88888			910476105 BAKER DEAN	DEAN BAKER		100.00	027846	
8/15/19	88888			510683104 *WATTS TAYLOR	*TAYLOR WATTS		23.27	027847	
8/15/19	88888			510781012 *GOMEZ CARLOS	*CARLOS GOMEZ		2.21	027848	
8/15/19	88888			011638705 SHARPE PAUL	PAUL SHARPE		167.55	027849	
8/15/19	88888			620253609 BAVOTA TOM/SAND	TOM/SANDY BAVOTA		26.95	027850	

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO	FND DPT ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/15/19	88888		920444105	SHAH BIJAL			BIJAL SHAH		188.74	027851	
8/15/19	88888		920565510	GOT PROPERTIES			GOT PROPERTIES LLC		61.93	027852	
8/15/19	88888		520941709	DAEMA GROUP LLC			DAEMA GROUP LLC		58.07	027853	
8/15/19	88888		530281108	EMERMAN PHILLIP			PHILLIP EMERMAN		12.02	027854	
8/15/19	88888		030427511	*LEVY ASHLEY			*ASHLEY LEVY		14.26	027855	
8/15/19	88888		930587705	LUBIN ISMALLE			ISMALLE LUBIN		28.07	027856	
8/15/19	88888		530838305	*LONG IRASEMA			*IRASEMA LONG		61.93	027857	
8/15/19	88888		530838608	KURIAN PRINCY			PRINCY KURIAN		76.14	027858	
8/15/19	88888		040601512	BRIGHTLITE HOME			BRIGHTLITE HOMES LLC		82.08	027859	
8/15/19	88888		140739912	PROPERTY OUTLAW			PROPERTY OUTLAWS LLC		176.90	027860	
8/15/19	88888		940825407	JOSEPHY KENNETH			KENNETH JOSEPHY		57.05	027861	
8/15/19	88888		050434712	*OPACKI KENNETH			*KENNETH OPACKI		50.99	027862	
8/15/19	88888		850776705	BOYLAN KATHLEEN			KATHLEEN BOYLAN		797.80	027863	
8/15/19	88888		760048107	MARSDEN LISA			LISA MARSDEN		89.61	027864	
8/15/19	88888		660219115	*STELLA FRANK/L			*FRANK/LESLIE STELLA		6.63	027865	
8/15/19	88888		660260005	MORONTA RAFAEL			RAFAEL MORONTA		105.67	027866	
8/15/19	88888		460529508	SIMON GROUP/MS5			SIMON GROUP/MS521		9.62	027867	
8/15/19	88888		460550409	*LIGHTPOINT LLC			*LIGHTPOINT LLC		2.71	027868	
8/15/19	88888		960576707	KLEINMAN/LERMAN			CHANA LERMAN/ROSA KLEINMAN		20.28	027869	
8/15/19	88888		060674814	KUMAR AKANKSHA			AKANKSHA KUMAR		211.93	027870	
8/15/19	88888		160760807	HICKS DWAYNE			DWAYNE HICKS		200.00	027871	
8/15/19	88888		160769603	CABRERA JORGE			JORGE WLADIMIR DONOSO CABRERA		99.28	027872	
8/15/19	88888		270607602	SCHWARTZ JANET			JANET SCHWARTZ		162.45	027873	
8/15/19	88888		380110812	MUNOZ KAROL			KAROL MUNOZ		132.63	027874	
8/15/19	88888		280378406	SILCOX RICHARD			RICHARD SILCOX		161.00	027875	
8/15/19	88888		080779509	*HERNANDEZ HEAT			*HEATHER HERNANDEZ		61.93	027876	
8/15/19	88888		180846106	VIMINI PHILLIP			PHILLIP J VIMINI		100.00	027877	

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/15/19	88888		180846107	CASIGLIA JOSEPH	JOSEPH CASIGLIA			49.71	027878
8/15/19	88888		490283008	*ANON ROSSANA	*ROSSANA ANON			100.00	027879
8/15/19	88888		290379110	EVERETT PHILLIP	PHILLIP/LADONNA EVERETT			11.00	027880
8/15/19	88888		790805814	ZOLICOFFER *ANG	*ANGELA ZOLICOFFER			49.12	027881
8/15/19	88888		190851611	*BARRIENTO ALBE	*ALBERTO BARRIENTO			32.44	027882
8/15/19	88888		990889009	*BAUM JEFF	*JEFF BAUM			52.20	027883
8/15/19	88888		890900108	*RANSOM JANET	*JANET RANSOM			57.66	027884
8/15/19	88888		890901305	CHACON MARIA L	MARIA L CHACON			38.62	027885
8/16/19	00822			AFLAC-W/H 08/19					
8/16/19	01373			AFLAC-PTREE 08/19	AFLAC			2,811.60	027886
8/16/19	01374			ADMIN DENTAL 09/19					
				WATER DENTAL 09/19					
				WW DENTAL 09/19					
				MAINT DENTAL 09/19					
				FIELD DENTAL 09/19					
				DENTAL..CSID-GF 09/19					
				DENTAL..PINETREE 09/19	AMERITAS LIFE INSURANCE CORP-DENTAL			5,159.96	027887
8/16/19	01374			ADMIN VISION 09/19					
				WATER VISION 09/19					
				WW VISION 09/19					
				MAINT VISION 09/19					
				FIELD VISION 09/19					
				VISION..CSID-GF 09/19					
				VISION..PINETREE 09/19	AMERITAS LIFE INSURANCE CORP-VISION			1,020.96	027888
8/16/19	01502			MAIN GATE-SERVICE CALL					
8/16/19	01578			NEW ENTRY UNIT-MAIN GATE	AT & I SYSTEMS			3,759.00	027889
8/16/19	00018			INTERNET CONNECTION 08/19	BLUE STREAM			156.79	027890
8/16/19	01603			LAKE PUMP-PVC PARTS					
				BACKFLOW	FEL-POMPANO BEACH,FL WW # 125			257.02	027891
8/16/19	00023			CLEAN INT & EXT. ADM BLDG					
				CLEAN INT & EXT. WTR BLDG					
				CLEAN INT & EXT. FLD BLDG					
				CLEAN INT & EXT. GF BLDG	FISH WINDOW CLEANING			1,087.00	027892
8/16/19	00063			ADMIN ELECTRIC 07/19					
				PLT-WATER ELECTRIC 07/19					
				PLT-WASTE ELECTRIC 07/19					
				FIELD ELECTRIC 07/19	FLORIDA POWER & LIGHT CO.			60,554.16	027893
8/16/19	00063			LIFT STATIONS-FUSE COVERS	GRAINGER, INC.			98.16	027894

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO	FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/16/19	00514					SLUDGE MGMT SEWER 07/19 H & H LIQUID SLUDGE DISPOSAL, INC.		10,937.30	027895	
8/16/19	01515					ASPHALT HARDRIVES ASPHALT COMPANY		432.92	027896	
8/16/19	01535					SODIUM HYDROXIDE HAWKINS, INC.		1,611.90	027897	
8/16/19	01093					MONTHLY MAINT-8/2019 JLS LANDSCAPE SERVICES, INC.		3,901.41	027898	
8/16/19	01486					UNLEADED GAS LANK OIL COMPANY		4,649.08	027899	
8/16/19	00045					UNIT=042 SUPPLIES PEP BOYS		27.21	027900	
8/16/19	00880					POLYMER POLYDYNE, INC.		4,173.12	027901	
8/16/19	00551					LAKE PUMP-PARTS RICE PUMP & MOTOR INC		956.00	027902	
8/16/19	00351					SAFETY SUPPLIES-STOCK SAFETY SUPPLIES SAFETY SUPPLIES SAFETY SUPPLIES SAFETY SUPPLIES RITZ SAFETY EQUIPMENT, LLC		816.91	027903	
8/16/19	01450					FILTER CARTRIDGES QTY 105 WACO FILTERS CORPORATION		6,419.55	027904	
8/16/19	01264					FILTER CARTRIDGES QTY 540 WINDSTREAM COMMUNICATIONS, LLC		83.02	027905	
8/16/19	01264					FRONT GATE PHONE 08/19 WINDSTREAM COMMUNICATIONS, LLC		735.63	027906	
8/16/19	01011					ADMIN PHONE 08/19 FIELD PHONE 08/19 WINDSTREAM COMMUNICATIONS, LLC		230.23	027907	
8/16/19	01318					COPIER READS #7835P 07/19 COPIER LEASE #7835PT07/19 COPIER READS #7835PT07/19 COPIER READS #7535P 07/19 XEROX CORPORATION		1,808.80	027908	
8/19/19	99999					PUMP CONVERTER-COVER ALL STATIONS-PART SHIPPING PUMP CONVERTER-FLANGE XYLEM WATER SOLUTIONS USA, INC.		.00	027909	
8/19/19	00033					VOID CHECK *****INVALID VENDOR NUMBER*****				
						MOTION SENSORS-SUPPLIES BATTERIES-FLY TRAP MISC SUPPLIES ADMIN BLDG-MENS BATHROOM COFFEE MAKER ADMIN BLDG-MENS BATHROOM LS PANELS-SUPPLIES ADMIN BLDG-TAX CREDIT ADMIN BLDG-MENS BATHROOM ROPE HSP 7-LIGHTING				

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO	FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/20/19	00005					CEMENT EXHAUST FANS-SUPPLIES SUPPLIES HOME DEPOT CREDIT SERVICES		1,247.37	027910	
8/20/19	01256					COT-SOD HYPO 58% COT-SOD HYPO 42% ALLIED UNIVERSAL CORP.		2,444.18	027911	
8/20/19	01327					SOD CORAL SPRINGS NURSERY, INC.		121.50	027912	
8/20/19	01452					CENTRAL SITE LIFT STATION DATA FLOW SYSTEMS, INC		4,670.00	027913	
8/20/19	01452					HYPO TANKS-DIG DISPLAYS LIFT STATION-NEW OVERLOAD DELTA CONTROLS		552.00	027914	
8/20/19	01533					CALIBRATION CERTIFICATES DELTA CONTROLS		1,620.00	027915	
8/20/19	00018					UPS BATTERY REPLACEMENT EATON CORPORATION		2,690.69	027916	
8/20/19	01631					LAKE PUMP-PARTS PVC-WATER BREAKS SUPPLIES-WATER BREAKS LAKE PUMP-PARTS FEL-POMPANO BEACH, FL WW # 125		1,314.13	027917	
8/20/19	00138					FUEL HOSE-DW SOUTH TANK FLORIDA PUMP & METER		397.31	027918	
8/20/19	01360					PRESURE MACHINE-REPAIRS GENERAL RENTAL CENTER		135.93	027919	
8/20/19	01360					WA 140 DUAL ZONE WELL 4 GLOBALTECH, INC.		27,663.94	027920	
8/20/19	01360					WA 137CSID IMPROVE HSP1&2 GLOBALTECH, INC.		10,105.98	027921	
8/20/19	01360					WA 141 WWTP PLANT D GLOBALTECH, INC.		163,180.63	027922	
8/20/19	01360					WA 156 WELL 8 RE-DEVELOP GLOBALTECH, INC.		6,627.77	027923	
8/20/19	01360					WA 158 2019 GST REPAIRS GLOBALTECH, INC.		27,742.47	027924	
8/20/19	00063					ALL PUMPS-SUPPLIES GRAINGER, INC.		410.67	027925	
8/20/19	00514					SLUDGE MGMT SEWER 06/19 H & H LIQUID SLUDGE DISPOSAL, INC.		7,954.40	027926	
8/20/19	01535					FLUORIDE AMMONIA HAWKINS, INC.		1,379.50	027927	
8/20/19	01302					MANAGEMENT FEE 08/19 COPIES 08/19 INFRAMARK, LLC		7,274.35	027928	
8/20/19	00576					LEGISLATION 07/2019 LEWIS, LONGMAN & WALKER, P.A.		2,500.00	027929	
8/20/19	00045					BEARINGS-CHEM BLDG FREIGHT DEEPWELL BLDG-EXHAUST FAN MOTION INDUSTRIES, INC.		280.23	027930	
						UNIT=028 & 045 WIPER BLAD PEP BOYS		65.69	027931	

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/20/19	01419			REIMB TO \$7,000 07/31/19	POSTMASTER GENERAL			2,468.24	027932
8/20/19	01416			UTIL STMTS 07/2019 ADD'L METERED POSTAGE	PRIDE ENTERPRISES			1,132.00	027933
8/20/19	00551			DW BLDG-SAMPLER PUMP	RICE PUMP & MOTOR INC			460.04	027934
8/20/19	00155			ADMIN SPRINT 08/19 PLANT-WATER SPRINT 08/19 PLANT-WASTE SPRINT 08/19 PLANT-MAINT SPRINT 08/19 FIELD SPRINT 08/19 SPRINT 08/19 DUE SUNSHINE SPRINT 08/19 DUE CSID GF	SPRINT			1,217.83	027935
8/20/19	00782			LOCATE TICKETS-7/2019	SUNSHINE STATE ONE CALL OF FLA.			234.16	027936
8/20/19	01175			CREDIT MARTIN S. POLOS POLOS-MARTIN S. 7/17/2019 UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 08/07/19 UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 08/14/19	UNIFIRST CORPORATION			420.41	027937
8/20/19	01465			WALL PLATE	WORLD ELECTRIC SUPPLY, INC.			11.31	027938
8/23/19	01423			ADMIN HLTH INS 09/19 WATER HLTH INS 09/19 WW HLTH INS 09/19 MAINT HLTH INS 09/19 FIELD HLTH INS 09/19 ADMIN HLTH INS-GF 09/19 FIELD HTH INS-GF 09/19 DUE FROM SHANK 09/19 DUE FROM PTRREE 09/19	FLORIDA BLUE			68,408.75	027939
8/23/19	01634			ACTUARY 09/30/2019	GABRIEL ROEDER SMITH & COMPANY			1,000.00	027940
8/23/19	01653			LADIES BATHROOM-LABOR SUPPLIES	H2O CLEAN LLC			4,205.35	027941
8/23/19	01231			ADMIN HLTH INS 09/19 WATER HLTH INS 09/19 WW HLTH INS 09/19 MAINT HLTH INS 09/19 FIELD LIFE INS 09/19 LIFE INS W/H..WS 09/19					

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
8/23/19	01656			LIFE INS W/H..GF 09/19 LIFE INS.CSID-GF.ER 09/19 LIFE INS.PINETREE-ER09/19 LIFE INS.PINETREE-EE09/19	MUTUAL OF OMAHA		5,367.64	027942	
8/23/19	01564			LEVY LOANS PER 08-22-2019	PERFORMANT RECOVERY, INC.		172.04	027943	
8/23/19	01057			LEVY LOANS PER 08-22-2019	US DEPARTMENT OF EDUCATION AWG		258.06	027944	
8/26/19	01227			SOFTWARE RENEW10/19-10/20	WORKSRIGHT SOFTWARE, INC.		3,000.00	027945	
8/26/19	01089			NETWORK REPAIR-SURGE PRO	AMC SURVEILLANCE CAMERAS		809.00	027946	
8/26/19	01432			PLANT PHONE WATER 08/2019	AT & T		69.35	027947	
8/26/19	01256			BIO-MAX BLOCKS-HEADWORKS	BACTICORP, LLC		612.00	027948	
8/26/19	01452			SOD	CORAL SPRINGS NURSERY, INC.		121.50	027949	
8/26/19	00018			SAND STRAINERS-SERVICE WELLFIELD-REPAIRS	DELTA CONTROLS		540.00	027950	
8/26/19	01233			LAKE FOUNTAIN-PARTS WATER BREAK-PARTS	FEL-POMPANO BEACH,FL WW # 125		2,017.10	027951	
8/26/19	00138			FIRE ALARM INSPECT-NANO	FIRE & SECURITY SOLUTIONS, INC.		225.00	027952	
8/26/19	00063			PRESSURE MACH-REPLACE CAP	GENERAL RENTAL CENTER		30.00	027953	
8/26/19	01535			LAKE PUMP-MOTOR DUAL CAP	GRAINGER, INC.		16.37	027954	
8/26/19	01302			PLUS ANTI-SCALANT	HAWKINS, INC.		4,193.78	027955	
8/26/19	01175			LEGISLATION 08/2019	LEWIS, LONGMAN & WALKER, P.A.		2,488.50	027956	
8/26/19	00441			UNIFORMS-WATER UNIFORMS-HW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 08/21/19	UNIFIRST CORPORATION		210.25	027957	
8/26/19	01318			LAB CHEMICALS FRIEGHT LAB CHEMICALS	USA BLUEBOOK		856.76	027958	
8/28/19	00857			10 HP PUMPS	XYLEM WATER SOLUTIONS USA, INC.		1,804.00	027959	
				FLORIDA FGFOA-MEMBERSHIP OPERATING PERMIT-WTP	CAPITAL ONE		4,030.00	027960	

TOTAL FOR BANK H 804,295.71

TOTAL FOR REGISTER 804,295.71

CSID -----CSID---- MARTHAR

Fifth Order of Business

Upon Approval or Request for Revision Please contact Isaac or Denise at permit@cwsifl.com or 954-893-0501

APPLICATION FOR PERMIT

Board of Supervisors Coral Springs Improvement District 10300 NW 11 th Manor Coral Springs, FL 33071		Permit Type <input checked="" type="checkbox"/> Right of Way <input type="checkbox"/> Surface Water Management <input type="checkbox"/> General
--	--	--

1.	PROPOSED USE OF DISTRICT FACILITY: <u>Telecommunication / MCI Metro Acc</u>						
2.	LOCATION OF WORK: <u>1.Canal C-2 (W Atlantic Blvd) 2.Canal (Sawgrass Expy)</u>						
	<table border="0"> <tr> <td style="text-align: center;">Subdivision</td> <td style="text-align: center;">Lot No.</td> <td style="text-align: center;">Block No.</td> </tr> <tr> <td>Section: <u>6-31-32</u></td> <td>Township: <u>48S-49S</u></td> <td>Range: <u>41E</u></td> </tr> </table>	Subdivision	Lot No.	Block No.	Section: <u>6-31-32</u>	Township: <u>48S-49S</u>	Range: <u>41E</u>
Subdivision	Lot No.	Block No.					
Section: <u>6-31-32</u>	Township: <u>48S-49S</u>	Range: <u>41E</u>					
3.	DISTRICT WORKS INVOLVED IN PROPOSED CONSTRUCTION OR USE: _____						
4.	NAME, ADDRESS, PHONE AND FAX OF OWNER OF PROPOSED WORK OR STRUCTURE: <u>MCImetro Access Transmission Services Corp</u> <u>16563 NW 15TH AVE Miami FL 33169 305-356-3160</u>						
5.	NAME, ADDRESS, PHONE AND FAX OF APPLICANT OTHER THAN OWNER (If any): <u>Mastec North America / 954-292-7612</u> <u>10441 SW 187th Street Miami FL 33157 954-292-7612</u>						
6.	AREA PROPOSED TO BE SERVED: (Give property description sufficient for identification, _____ _____						
7.	This application, including sketches, drawings or plans and specifications attached, contains a full and complete description of the work proposed or use desired of the above described facilities of the District and for which permit is herewith applied. It shall be part of any permit that may be issued. It is agreed that all work or the use of the District's facilities involved will be in accordance with the permit to be granted and with the Permit Criteria Manual heretofore adopted by the District, which have been examined and are understood by the applicant and as the same may be hereafter from time to time amended, changed or revised and which (it is further understood) shall be incorporated in reference as a part of any permit which may be granted.						

Standard Conditions ARE AS FOLLOWS:

1. In the event the DISTRICT wishes to obtain the ingress or egress to its property, easement or right of way affected by the permit issued pursuant to this application for any lawful District purpose, including but not limited to maintenance of any lake, canal or related water management infrastructure, the removal, demolition and reconstruction, if any, of the proposed work or structure permitted hereunder shall be at the sole expense of the owner or the owner's successors or assigns.
2. Permittee, by acceptance of the permit, covenants and agrees that the DISTRICT, District Managers, district consultants and its successors shall be promptly indemnified, defended, protected, exonerated, and saved harmless by the Permittee from and against all expenses, liabilities, claims, demands, and proceedings incurred by or imposed on said District in connection with any claim, proceeding, demand, administrative hearing, suit, appellate proceeding, or other activity; including unfounded or "nuisance" claims, in which the District may become involved, or any settlement thereof, arising out of any operations under this permit, including use of canal water for irrigation purposes, damage to landscaping, paint damage to automobiles, buildings, or other structures, and any property damage or personal injuries, fatal or non-fatal, of any kind or character.
3. Permittee agrees that no debris will be placed into the waterways of the District.

For this purpose the Permittee has submitted a check in the amount of Two-Thousand Five Hundred Dollars (\$2,500.00) which Permittee agrees to forfeit if debris is found to have been placed into the District's waterways; said determination to be at the sole discretion of the District and is acknowledged by Permittee to represent both actual and punitive damages for violating the provisions of this permit and, further, the provisions of Chapter 298, Florida Statutes.

If construction of the facilities called for in this permit have not been completed, an additional Two Thousand Five Hundred Dollars (\$2,500.00) will be submitted by Permittee to cover future occurrences of discharging builder debris into the District's waterways.

4. Applicant agrees to maintain the system in accordance with permit documents and to recertify the function, condition and operation of the system according to the District's schedule and submit "Storm water Inspection Reports" and shall comply with all re-inspection procedures required under the District's policies.
5. Applicant agrees to maintain adjacent canal/lake banks in accordance with the specified cross section, maintain permitted vegetation to the water's edge and keep the canal and canal bank free and clear of trash and debris.
6. Permittee agrees to correct any shoaling or erosion of district facilities resulting from the installation or operation of components authorized by the permit.
7. Applicant agrees to remove (and process permits for tree removal through the City of Coral Springs) any landscaping from adjacent canal rights of way other than grass or approved ground cover. The removal, mitigation, and permitting shall be at the applicant's own cost.
8. Abide by the terms and conditions of the permit.
9. To maintain works or structures in a good and safe condition.

10. To allow inspection at any time by the District of any works or structure established by permit upon notification.
11. Prevent the discharge of debris and/or aquatic weeds into any District works.
12. To maintain the water quality of all waters discharging into District works.
13. To conform with any alterations of or amendments to this manual, or those imposed by the DEP, SFWMD or EPA that may be deemed necessary by the District.
14. To make any immediate changes or repairs as requested by District personnel to insure the safe operation of the District's waterways during storm events.
15. Restore existing lake/canal banks to the design cross section of 4 Horizontal: 1 Vertical to 2 ft. below the control elevation.
16. Upon completion of the construction specified in the permit, the applicant shall submit to the District 3 as-built surveys and electronic media certified by a professional engineer, in a format generally compatible with the requirements of other storm water management jurisdictions.
17. Acknowledges that failure to maintain the system, comply with re-certification requirements, or performing construction with District authorization may result in the restriction or elimination of storm water discharges to District facilities.
18. No beneficial use of the property is allowed until the Coral Springs Improvement District has accepted the engineer's storm water management certification and released the project.

SPECIAL CONDITIONS WILL BE ADDED WHEN APPLICABLE:

Submitted this 10 day of July, 2019

Company and/or Owner:

Anthony Kowaleski

By:

Name

:

Anthony Kowaleski

Title:

Project Manager

BOARD OF SUPERVISORS
Reviewed and approved by Board meeting held

LOCATION MAP

BROWARD COUNTY, STATE OF FLORIDA
 TOWNSHIP 48S-49S, RANGE 41E, SECTION 6-31-32
 FIBER OPTIC CABLE ROUTE FOR FPL SAWGRASS
 CITY OF TAMARAC



PROJECT: 1801BSAQ.34

FPL SAWGRASS - TAMARAC

BROWARD COUNTY, FL

CLARIFICATION NO. QUANTITY

CLARIFICATION NO.	QUANTITY

Mcimetro
 ACCESS TRANSMISSION
 SERVICES CORP.
 OUTSIDE PLANT CONSTRUCTION
 TITLE: FIBER OPTIC CABLE ROUTE
 FPL SAWGRASS - TAMARAC
 BROWARD COUNTY, FL

DATE: 02/28/19

ENGINEER: CWSI

DRAWN BY: J.R./A.A

REVISIONS

DATE	DESCRIPTION	INITIAL
02/28/19	1ST SUBMITTAL	J.R./A.A.
03/12/19	REVISION	J.R.
06/25/19	REVISION	KG

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF VERIZON, BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: N.T.S.

VERTICAL: N.T.S.

MP TO MP

SHEET 02 OF 29

DWG: FPL SAWGRASS.dwg

START PROJECT

STATION # 0+00
 634 NW 113 TER
 BROWARD COUNTY
 LAT/LONG: 26.2396,-80.2778
 TYPE: HANDHOLE.

VERIZON CORAL SPRINGS STORE
 PROJECT: 1801BSAQ.80

CITY OF CORAL SPRINGS
 PERMIT
 FOOTAGE: 660'
 MILES: 0.1250

CORAL SPRINGS #1
 IMPROVEMENT DISTRICT
 RIGHT OF WAY
 FOOTAGE: 120'
 MILES: 0.0227

CITY OF CORAL SPRINGS
 PERMIT
 FOOTAGE: 350'
 MILES: 0.066

CORAL SPRINGS #3
 IMPROVEMENT DISTRICT
 PERMIT (CULVERT)
 FOOTAGE: 3.5'
 MILES: 0.006

SOUTH FLORIDA
 WATER MANAGEMENT DISTRICT
 RIGHT OF WAY
 FOOTAGE: 260'
 MILES: 0.0492

BROWARD COUNTY
 RIGHT OF WAY
 FOOTAGE: 6,140'
 MILES: 1.1629

CORAL SPRINGS #2
 IMPROVEMENT DISTRICT
 PERMIT (CULVERT)
 FOOTAGE: 5'
 MILES: 0.0009

END PROJECT

STATION # 80+50
 10801 SOUTHGATE BLVD
 BROWARD COUNTY
 LAT/LONG: 26.2289,-80.2958
 TYPE: HANDHOLE.

FPL SAWGRASS
 1801BSAQ.34
 8112 SAN CARLOS CIR
 SITE TYPE: MACRO
 LAT/LONG : 26.2288,-80.2952

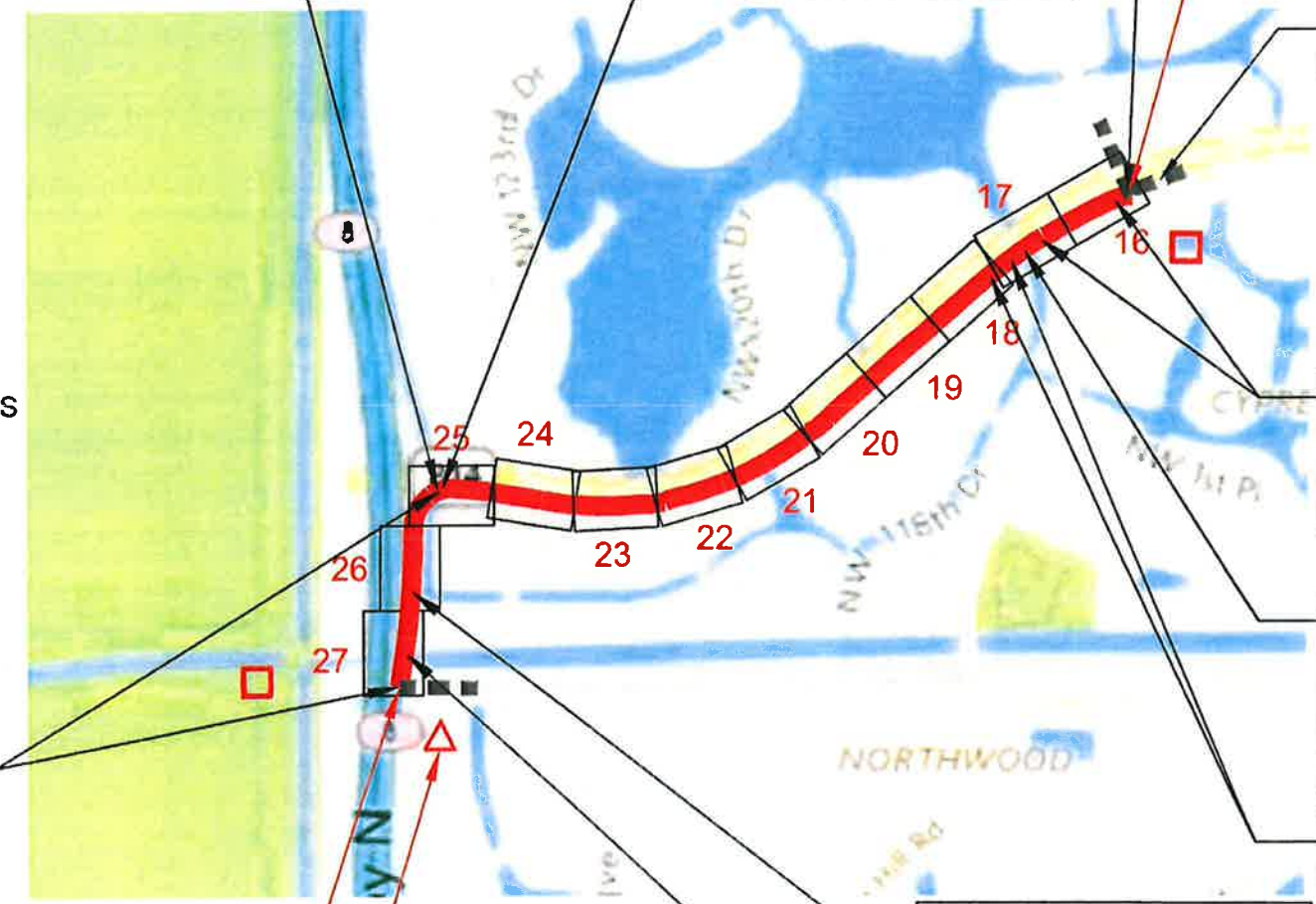
INDEX

- 01 OF 29 — COVER
- 02 OF 29 — LOCATION MAP
- 03 OF 29 — GENERAL NOTES
- 04 OF 29 — CONTACT SHEET
- 05 OF 29 — SYMBOLS KEY
- 06 OF 29 — CONSTRUCTION DETAILS
- 07 OF 29 — STANDARD SIDEWALK DETAILS
- 08 OF 29 — MARKER POLE DETAIL
- 09 OF 29 — HANDHOLE DETAILS
- 10 OF 29 — CURB & GUTTER RESTORATION DETAILS
- 11 OF 29 — F.D.O.T. DETAILS
- TO 13 OF 29 — OUTSIDE PLANT FOCUS
- 14 OF 29 — CLARIFICATION SUMMARY SHEET
- 16 OF 29 — PLANS AND PROFILES
- TO 27 OF 29 — F.D.O.T. PICTURES

TOTAL FOOTAGE:
 8,050' / 1.5246 MILES

F.D.O.T.
 RIGHT OF WAY
 FOOTAGE: 1,530'
 MILES: 0.2898

- △ = MACRO
- ◇ = SMALL CELL
- = HANDHOLE
- ◎ = HUB



Sixth Order of Business

6A.



**PROPOSED BUDGET
2019 | 2020**



WATER & SEWER

**CORAL SPRINGS
IMPROVEMENT
DISTRICT**



BOARD OF ELECTIVE SUPERVISORS

- Dr. Martin Shank, President
- Duane Holland, Vice President
- Leonard Okin, Secretary

MANAGEMENT

- Kenneth Cassel, District Manager
- William G. Capko, District Attorney
- Rick Olson, District Engineer
- Dan Daly, Director of Operations
- Jan Zilmer, Human Resources Director
- David McIntosh, Director of Utilities
- Marta Rubio, Director of Finance



TABLE OF CONTENTS

PROFILE

4	About the District
5	District Boundaries
6-7	Distinguish Awards
8	Organization Chart
9-11	Water Department
12-14	Wastewater Management Department
15	Maintenance Department
16-17	Field Department

II. PROPOSED BUDGET

18-22	Proposed Budget
23-26	Revenues
27-34	Admin Expenses
35-40	Plant Expenses
41-45	Field Expenses
46	Debt Service



ABOUT THE DISTRICT

The Coral Springs Improvement District (CSID or “The District”) was incorporated in 1970 under the provisions of Chapter 70-617, Laws of Florida, for the purpose of constructing and maintaining systems of drainage, flood control and water and sewer utilities within the boundaries of the District. Its utilities currently service approximately 9,500 customers.

The District is governed by a three-member Board of Supervisors who are elected by landowners within the District once every four years.



Coral Springs Improvement District
Nano Construction - 2012

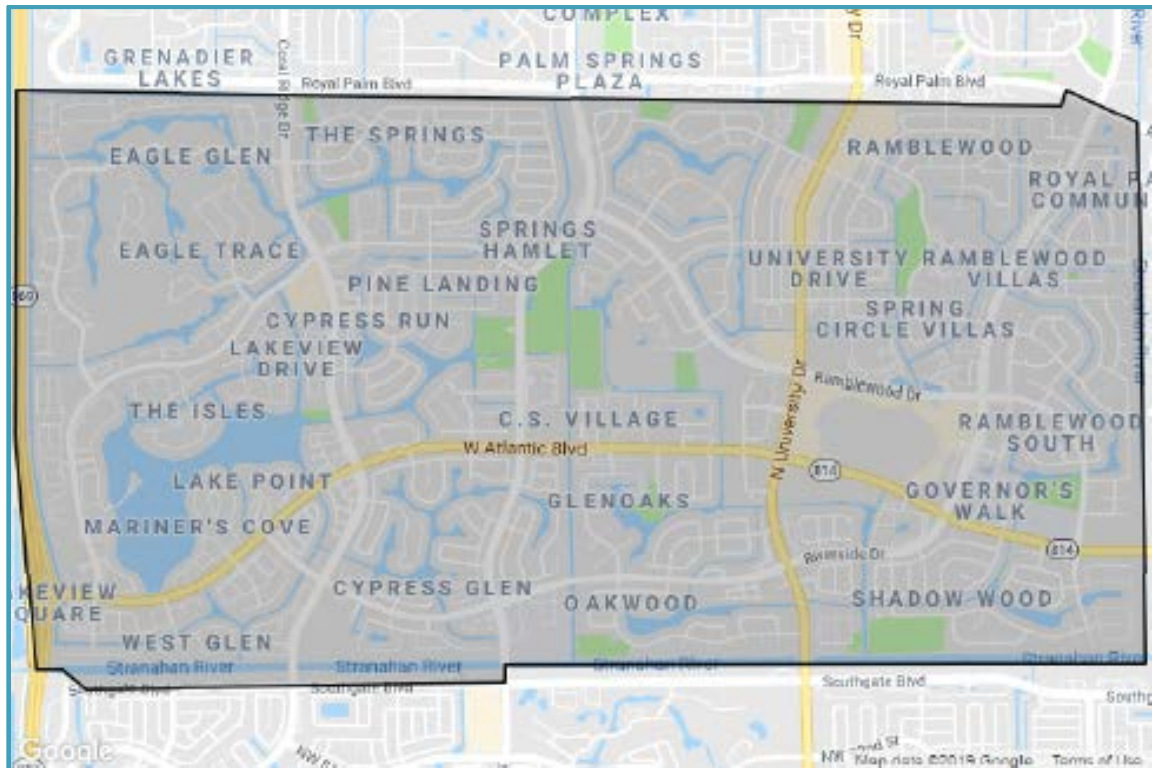


09-02-12



DISTRICT BOUNDARIES & NEIGHBORHOOD REPORT

CORAL SPRINGS ZIP CODE 33071



Coral Springs Improvement District

954-753-0729 csid@csidfl.org

10300 N.W. 11 Manor – Coral Springs, FL 33071

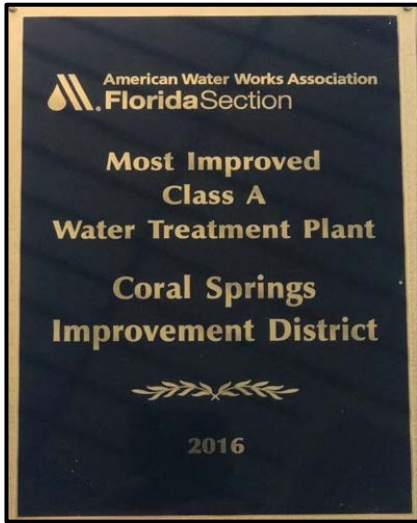
Covers all areas south of Royal Palm Boulevard to the C-14 canal.

According to Realtor Property Resources LLC report on 7/3/2019, the #1 dominant segment for this area are “Savvy Suburbanites” residents who are well educated, well read and well capitalized. This neighborhood most built between 1970 and 1990 are 91% owner occupied; 71% mortgaged with a median value of \$311,000 and low vacancy. 48.1% college graduated, and 76.1% with some college education. Well-connected consumers that appreciate technology; these are informed shoppers with residents who actively pursue sport activities. It is a neighborhood with multiple investors that are financially active, using multiple resources for informed investing.



DISTINGUISHED AWARDS

Through the years, Coral Springs Improvement District (CSID) has obtained multiple awards; below are a few of them.



2016 American Water Works Association Most Improved Class A Plant Award

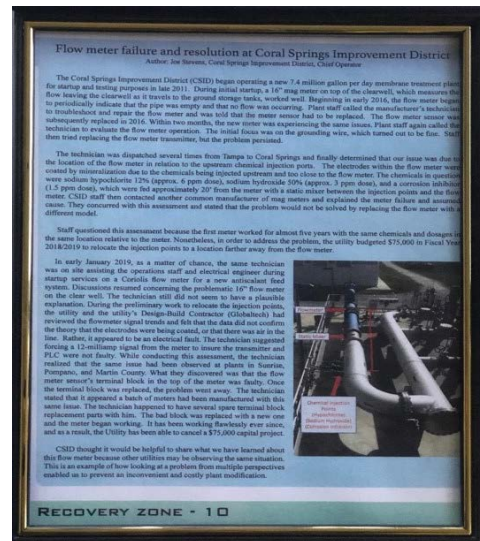
2016 Certificate of Recognition to Water Treatment Plant for the outstanding Performance in Developing Plans for the on-going cost savings.



2017 FSAWWA Award to the CSID Water Treatment Plant



Plant Recovery – Zone





CORAL SPRINGS IMPROVEMENT DISTRICT "PROPOSED BUDGET 2019/2020"



2018 Award to Chief operator Joe Stephen's for outstanding operator of the year from the Southeast Desalting Association "SEDA"

Plant Recovery Zone - 10

RECOVERY ZONE - 5

When plants have used components and not possible, achieving higher efficiency, reliability or 600 to 1000 feet recovery and peak is essential. Higher demand of water is 250 study results. The plant's energy to be directed toward the use of the water. The study shows that during development of the plant, there are many things to be done and much. Reaching the target is a very aggressive and costly process and should only be performed if the long-term benefits of the investment are significant.

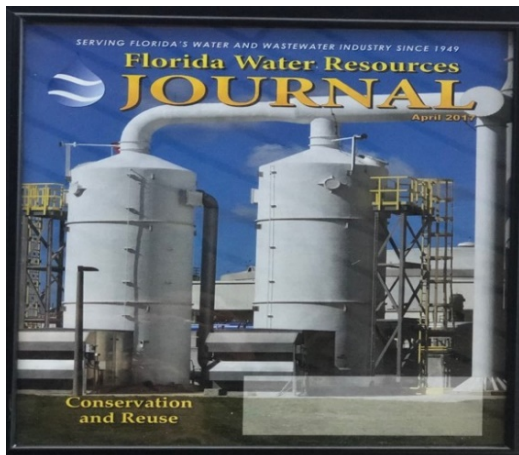
To keep your water on top working water, regular monitoring and maintenance must be performed. As important as the plant, regular maintenance is essential. A well-run plant with a little more effort, it is easy to maintain. If needed, there's still until your water on your water's clean sign of being as good as new.

JLA Geosciences, Inc.
HYDROGEOLOGIC CONSULTANTS
1907 Commercial Lane, Suite 104
Jupiter, Florida 33458
Phone: (561) 746-0228
www.jlageosciences.com

Post Treatment Workshop

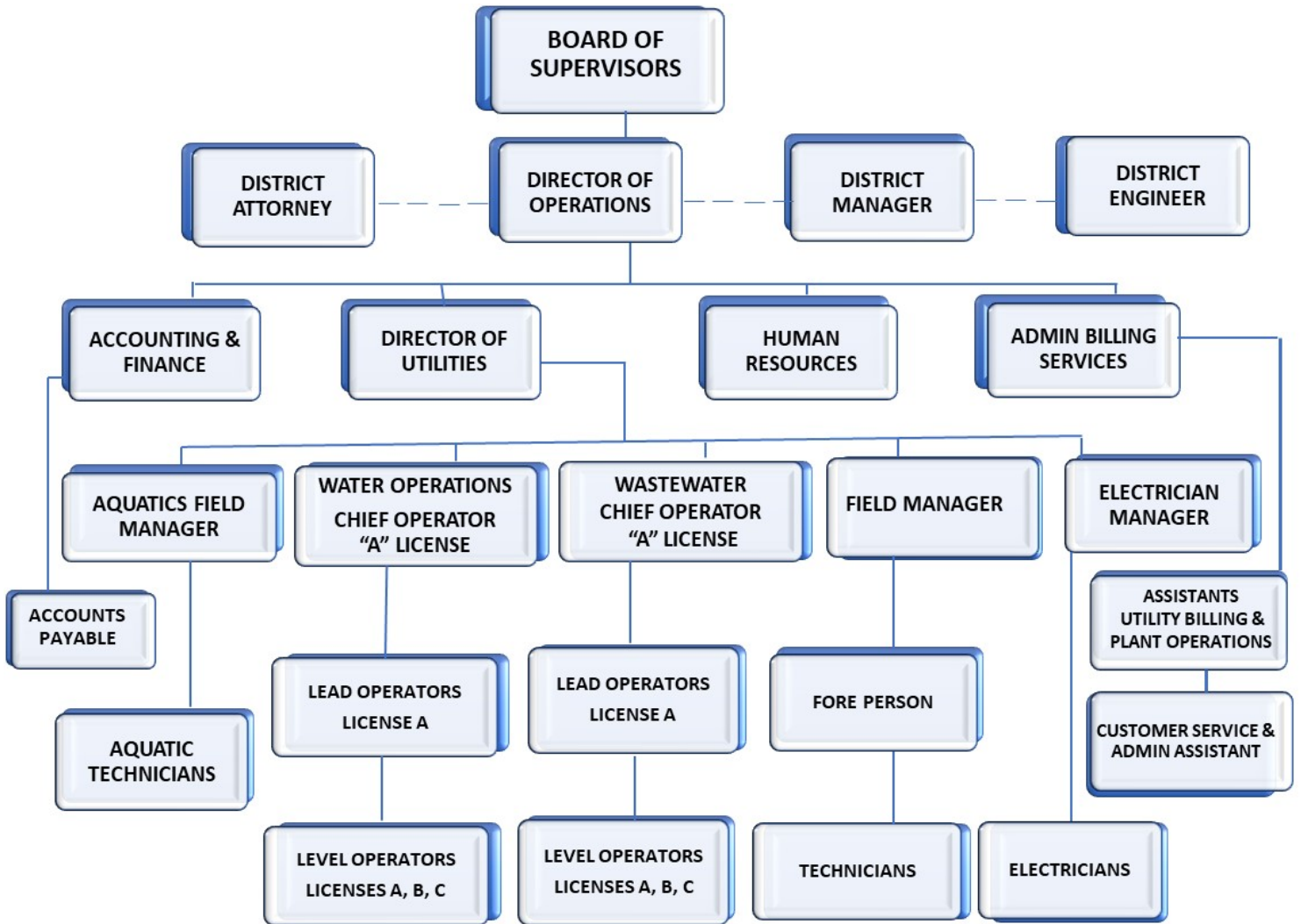
On May 20th, SEDA held a membrane post-treatment workshop that was hosted by the Coral Springs Improvement District (CSID). The workshop featured presentations from SEDA, CSID, and the Florida Water Resources Journal. The day started with a breakfast meeting, followed by presentations from SEDA, CSID, and the Florida Water Resources Journal. The day ended with a lunch meeting and a closing ceremony.

2019 Southeast Desalting Association membrane plant of the year award.





ORGANIZATION CHART FISCAL YEAR 2019/2020



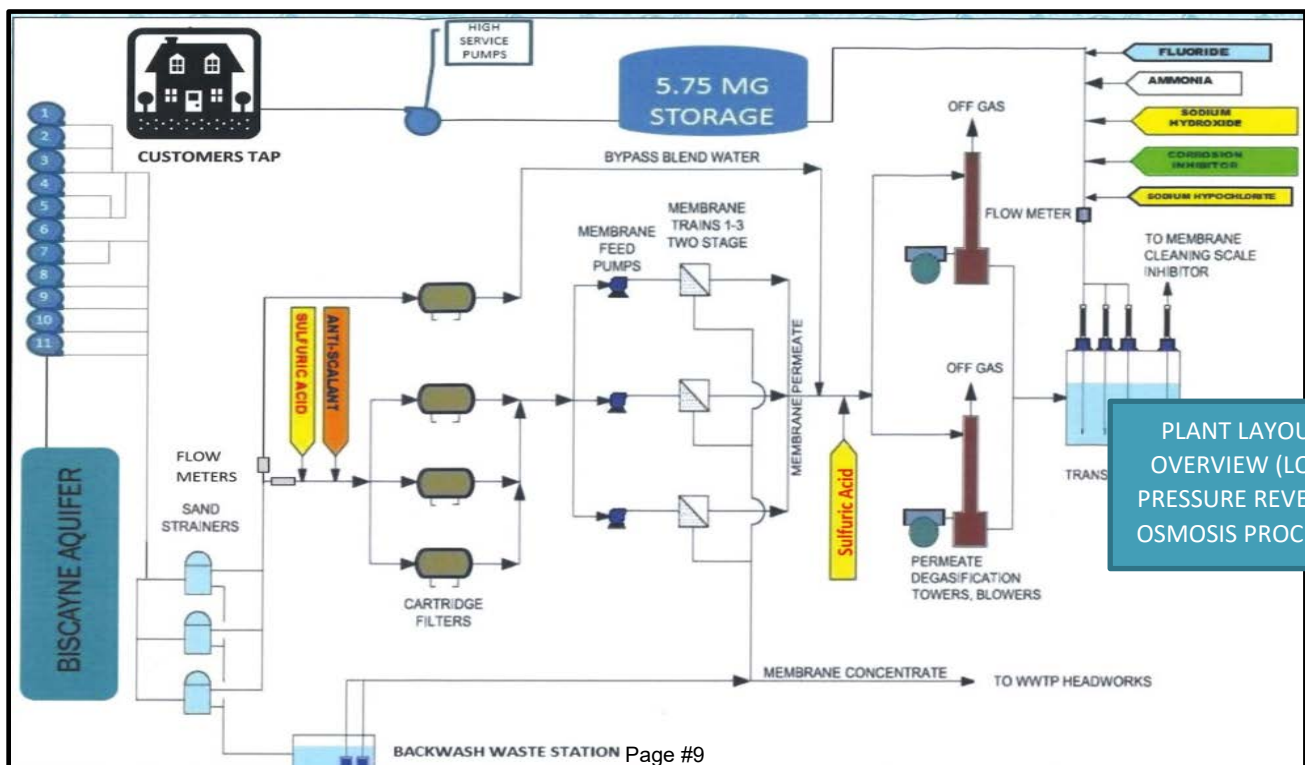


WATER DEPARTMENT

Water treatment is a complex process that is highly regulated by state and federal laws. Water treatment plant and system operators must be licensed and are required to undergo long-term, on-the-job training before becoming fully qualified. At CDIS, licensed water professionals have a basic understanding of a wide range of subjects, including mathematics, biology, chemistry, and physics. Some of the tasks they complete on a regular basis include:



- Operating and maintaining equipment to purify and clarify water;
- Monitoring and inspecting machinery, meters, gauges, and operating conditions;
- Conducting tests and inspections on water and evaluating the results;
- Maintaining optimal water chemistry;
- Applying data to formulas that determine treatment requirements, flow levels, and concentration levels;
- Documenting and reporting test results and system operations to regulatory agencies; and
- Serving our community through customer support, education, and outreach.





Water Membrane Treatment

With many utilities facing threat of contamination from an increasing number of sources, the need for new and better ways to treat and protect water supplies is paramount. Membrane filtration has gained mainstream acceptance and is the preferred technology for many surface waters, for iron and manganese removal in ground waters, and for the removal of protozoans such as cryptosporidium. Membrane systems offer better removal of contaminants; higher efficiency, variable filtration ratings, consistent operation; and environment friendly to name some.



Loading new membranes into pressure vessels 2018



DEGASIFIERS

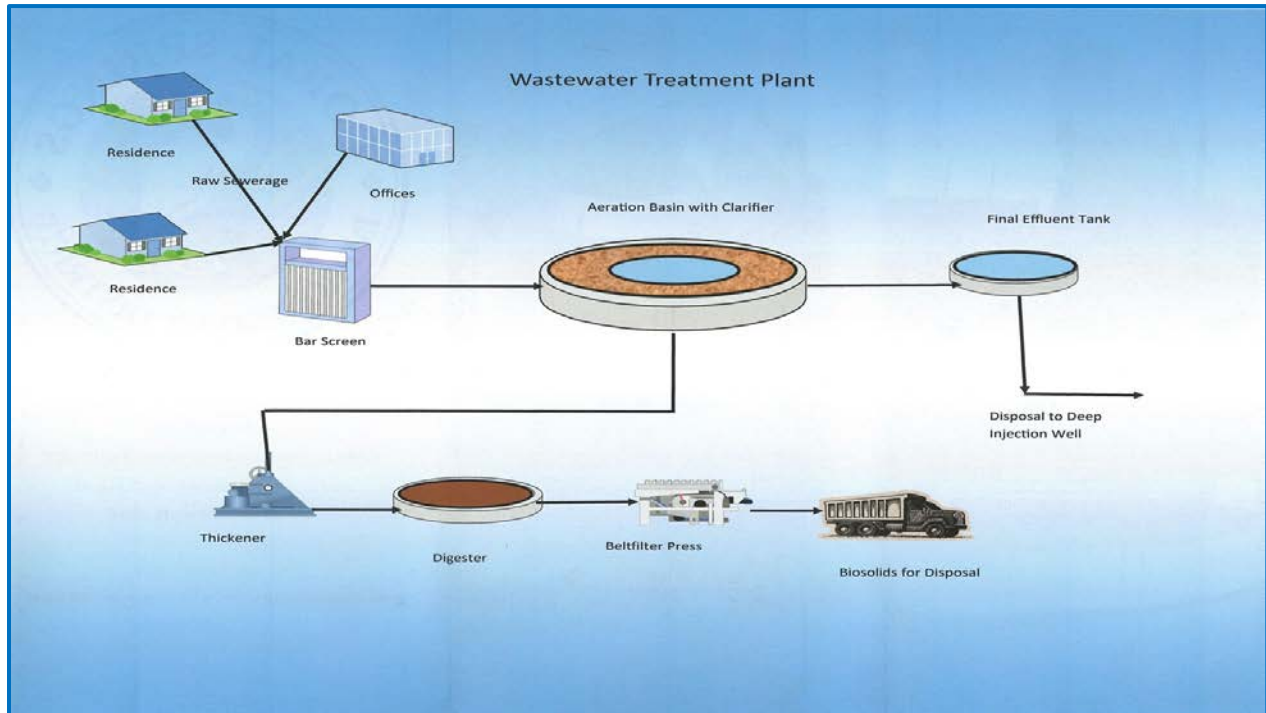


WATER DEPARTMENT HIGHLIGHTS

- GIS indication of underground water line locations onsite including valves
- New well 4 on Atlantic Ave. established in 2014
- Well 6 submersible 316 stainless steel 50hp pump and motor being installed
- 4,000-gallon 93% sulfuric acid bulk tank
- 2,250,000 gallon per day reverse osmosis skid #3
- Degasifiers
- New bulk sodium hypochlorite tanks
- New fluoridation system covered mostly by a \$205,000 grant from the state
- 1,500 kw Cat generator which is capable of running the entire water plant at max capacity
- Lime softening plant circa 2014
- One-million-gallon storage tank
- Reverse Osmosis treatment facility
- 2016 American Water Works Association most improved class A plant award
- 2019 Southeast Desalting Association membrane plant of the year award.



WASTEWATER DEPARTMENT



- Treats wastewater to regulatory standards
- Disposes of bio-solids and solid waste
- Disposes of treated wastewater through deep injection wells
- Maintains wastewater facilities

Wastewater Processing Plants

- Phase II of the ongoing Wastewater Treatment Plant expansion project has been completed. Among the items included in this 1.9-million-dollar project are an upgrade and replacement of information technology system, the rehab of sewage processing plants, new wastewater digester, environmentally compliant sludge processing equipment, and a state-of-the-art emergency generator/auxiliary power system.



- The additional equipment and new facilities will give the District’s staff the ability to treat wastewater to a degree that will assure the highest level of treatment possible and continue District compliance with environmental and regulatory rules for years into the future.



Other projects recently completed:

- Replacing and upgrading aged facilities
- Evaluation of need to drill a new monitoring well to monitor the quality of wastewater effluent injected down the deep well.
- Demolishing two wastewater treatment plants that have operated years past their life expectancy.





CORAL SPRINGS IMPROVEMENT DISTRICT “PROPOSED BUDGET 2019/2020”

- Building a new treatment plant designed to replace the capacity of outdated Bar Screen Replacement.
- New Dual-Zone Monitoring Well for Injection Well #1
- Pond Liner Replacement.



- Effluent Pump Station Electrical Improvement
- Wastewater Plant D suffered structural damage sufficient to render it inoperable. The structural damage has to be repaired at a cost of \$1,445,731.40.





Maintenance Department

Striving to cut costs and maintaining high quality of work, the District has used its own workforce to perform multiple in-house projects. Repairing sprinklers systems, painting, updating electrical panels, correcting mechanical problems, performing general repairs and upgrades, fixing equipment, installing & designing safety tools are just few of the tasks performed on a daily basis by employees from this department.





Field Department

The field department personnel among other multiple construction projects, repairs and maintains all District water lines, about 1080 Valves, 675 fire hydrants, 9500ish meters and countless other Appurtenances relating to Drinking water. They ensure that the finished water that the water plant makes gets distributed to the customer safely, with sufficient volume and pressure, is accurately metered and maintains sufficient quality. They also collect wastewater. Returning it to the wastewater plant with similar goals in mind.

Respond, clear and clean up sewer backups, complete spill reports, water samples testing and reporting to Health department and county offices. Rebuild replace and maintain 90ish wastewater pumps, 41 lift stations and another couple hundred wastewater valves. Maintain the housekeeping and internal cleanliness of those 41 lift stations. This department maintain Atlas data for all of the above mentioned items in electronic and paper form, and diagnose and repair electrical, SCADA and pump related issues and respond to alarms.

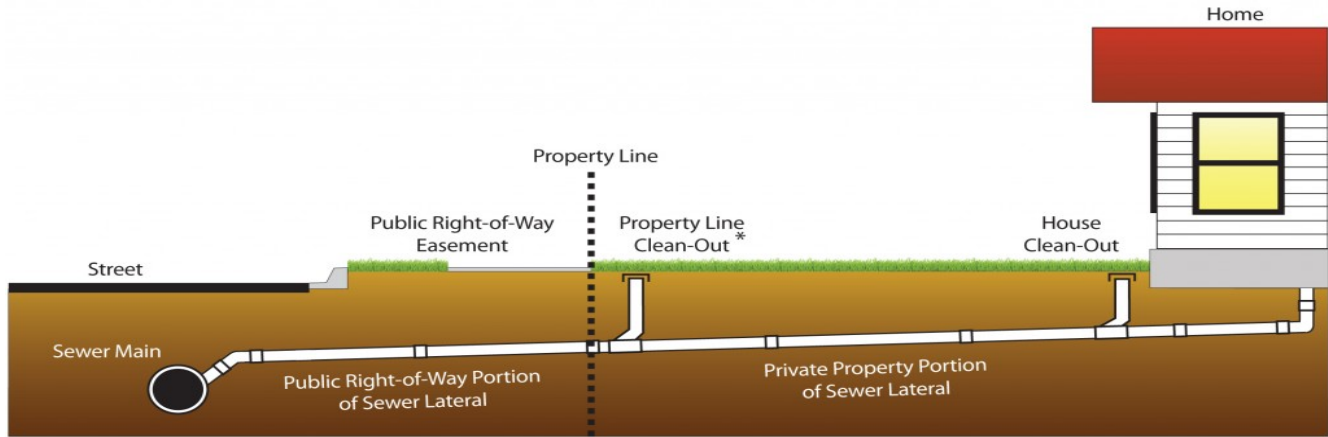
The District provides An AMR system (Advance Metering Reading System), a comprehensive meter reading platform with fixed network-like performance, minus the infrastructure or cost. An AMR system gives water management tools with the convenience and flexibility of having premier drive-by technologyan authomated meter reading Drive-By system. Benefits:

- Enhanced customer service
- Accurate meter reading collection
- Improved water conservation
- Wireless Communication
- Reduced Meter Reading Times
- Increased efficiency
- Enhanced employee safety
- Leak, tamper, and reverse flow alarms



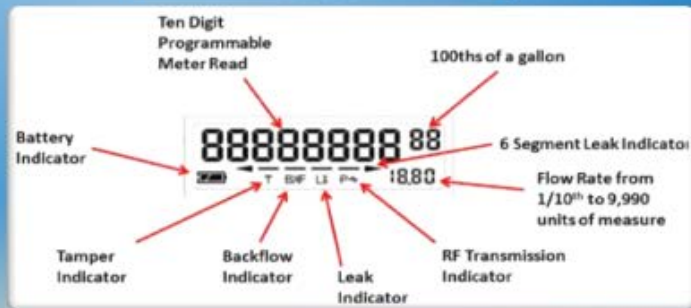


Where does everything down the drain go??



* Not standard on all properties.

THE TESLA 4 REGISTER IS EQUIPPED WITH THE LARGEST LCD IN THE INDUSTRY FOR EASY READING AT A DISTANCE OF 6 FEET. THE LCD PROVIDES A 10-DIGIT PROGRAMMABLE METER READ AND A 6 SEGMENT LEAK DETECTOR INDICATOR WITH FLOW DIRECTION ARROWS. FLOW RATE, WATER MOVEMENT, BATTERY STATUS, TAMPER, BACKFLOW, LEAK WARNING, AND TRANSMISSION INDICATOR ARE SHOWN ON THE LCD AS APPROPRIATE. STATUS INDICATORS ARE SENT AS PART OF THE AMR/AMI EXTENDED MESSAGE. THE LCD IS ALWAYS ACTIVE AND REQUIRES NO TOOLS FOR VISUAL READING





PROPOSED BUDGET

The District’s annual budgets are adopted for the General Fund and Water & Sewer Fund and approved by the Board of Supervisors.

General Fund

The District has historically operated, maintained, improved and expanded its stormwater drainage system through the General Fund budget. All operating and capital costs for the system are funded by revenues generated through an assessment program.

The District already submitted a proposed budget for its General Fund which provided a none increase in the ad valorem assessments and it is intended to last for the coming two fiscal years. The current rates were initially adopted in Fiscal Year 2018/2019 and served the District for three consecutive years.

Water & Sewer

The Water & Sewer Fund is an enterprise fund established to account for operations that are to be financed and operated in a manner similar to private business enterprises. The cost of providing services to customers are to be recovered primarily through user charges.

In accordance with Section 189.069 (11) of the Florida Statute, Coral Springs Improvement District (CSID) management team present to you the Fiscal Year 2019/2020 Proposed budget for Water & Sewer Fund.

CORAL SPRINGS IMPROVEMENT DISTRICT
Water and Sewer Enterprise Fund

PROPOSED BUDGET
Fiscal Year 2019 - 2020

DESCRIPTION	ADOPTED BUDGET FY 2018-2019	ACTUAL THRU 4/30/2019	PROJECTED NEXT 5 Months	TOTAL PROJECTED THRU 9/30/2019	PROPOSED BUDGET FY 2019-2020
REVENUES					
Water Revenue	\$ 6,467,008	\$ 3,970,637	\$ 2,496,371	\$ 6,467,008	\$ 6,467,008
Sewer Revenue	5,852,977	3,524,859	2,328,118	5,852,977	5,852,977
Standby Revenue	3,120	1,780	1,271	3,051	3,120
Processing Fees	12,000	9,700	2,300	12,000	12,000
Lien Revenue Fees	9,000	9,725	-	9,725	9,000
Delinquent Fees	290,000	192,525	97,475	290,000	290,000
Contract Utility Billing Services	59,620	34,780	24,840	59,620	62,602
Contract HR & Payroll Services	12,902	7,527	5,375	12,902	13,289
Facility Connection Fees	-	22,720	-	22,720	-
Meter Fees	-	5,267	-	5,267	-
Line Connection Fees	-	21,400	-	21,400	-
Interest Income-Restricted	-	65,056	26,469	91,525	-
Interest Income-Operations	65,000	154,646	44,185	198,831	65,000
Rent Revenue	63,304	52,841	10,463	63,304	65,203
Technology Sharing Revenue	15,000	8,750	6,250	15,000	15,450
Miscellaneous Revenue	12,000	26,849	-	26,849	12,000
Renewal & Replacement	365,000	-	365,000	365,000	-
Carryforward Prior Yr Fund Balance	4,372,639	1,150,000	2,719,076	3,869,076	1,705,236
TOTAL REVENUES	17,599,570	9,259,062	8,127,193	17,386,255	14,572,885
EXPENDITURES					
Debt Service					
Principal 2016 Series	1,595,000	1,595,000	-	1,595,000	1,640,000
Interest 2016 Series	1,226,405	1,226,405	-	1,226,405	1,177,758
Sub-Total Debt Service	2,821,405	2,821,405	-	2,821,405	2,817,758

DESCRIPTION	ADOPTED BUDGET FY 2018-2019	ACTUAL THRU 4/30/2019	PROJECTED NEXT 5 Months	TOTAL PROJECTED THRU 9/30/2019	PROPOSED BUDGET FY 2019-2020
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ADMINISTRATIVE

Salaries and Wages	1,002,793	524,647	424,259	948,906	1,011,726
Special Pay	2,252	2,198	953	3,151	2,534
FICA Taxes	76,713	39,056	32,456	71,512	77,397
Pension Expense	120,335	62,294	50,911	113,205	121,408
Health Insurance	199,390	99,659	84,357	184,016	233,182
Workers Comp. Insurance	2,707	1,240	1,145	2,385	3,423
Unemployment Compensation	4,000	-	4,000	4,000	4,000
OPEB Expense	-	-	2,726	2,726	2,862
Engineering Fees	33,600	4,897	28,703	33,600	33,600
Trustee/Other Debt Expenses	10,740	9,159	1,581	10,740	10,720
Legal Fees	36,000	14,464	21,536	36,000	60,000
Special Consulting Services	90,570	58,350	50,000	108,350	86,000
Travel & Per Diem (Board)	4,500	-	4,500	4,500	4,500
Annual Audit	12,000	12,000	-	12,000	12,150
Actuarial Computation	2,700	-	2,700	2,700	2,700
Management Fees	85,973	50,187	35,786	85,973	88,552
Telephone Expense	12,810	7,710	5,100	12,810	13,835
Postage	36,200	17,876	18,324	36,200	36,600
Printing & Binding	21,970	8,675	13,295	21,970	21,970
Electric Expense	12,000	5,871	6,129	12,000	12,960
Rentals and Leases	3,075	1,545	1,530	3,075	3,075
Insurance	15,288	7,236	8,052	15,288	16,520
Repair and Maintenance	16,970	9,558	14,572	24,130	26,460
Legal Advertising	13,800	463	4,037	4,500	4,500
Other Current Charges	27,060	17,942	9,118	27,060	29,910
Merchant Fees	68,700	40,075	32,625	72,700	78,520
Computer/Technology Expenses	63,831	23,455	40,376	63,831	113,835
Employment Ads	18,840	1,380	12,170	13,550	13,550
Toilet Rebate [150 x \$99 = \$14,850]	14,850	4,356	10,494	14,850	14,850
Office Supplies	4,000	1,178	2,822	4,000	4,000
Dues, Licenses, Schools & Permits	12,000	1,615	10,385	12,000	12,000
Promotional Expenses	18,310	15,142	3,168	18,310	14,640
Capital Outlay	50,000	-	50,000	50,000	23,000
Sub-Total Administrative	2,093,977	1,042,228	987,809	2,030,037	2,194,979

PLANT OPERATIONS

DESCRIPTION	ADOPTED BUDGET FY 2018-2019	ACTUAL THRU 4/30/2019	PROJECTED NEXT 5 Months	TOTAL PROJECTED THRU 9/30/2019	PROPOSED BUDGET FY 2019-2020
Salaries and Wages	1,715,618	795,800	795,800	1,591,600	1,700,446
Special Pay	2,702	2,599	-	2,599	2,703
FICA Taxes	131,244	61,249	61,249	122,498	130,084
Pension Expense	203,124	90,114	90,114	180,228	201,000
Health Insurance	334,514	158,888	158,888	317,776	354,297
Workers Comp. Insurance	59,877	35,907	35,907	71,814	93,877
OPEB Expense	-	-	-	-	4,437
Water Quality Testing	72,066	33,326	38,740	72,066	68,475
Telephone	9,864	3,514	5,018	8,532	8,900
Electric	678,409	359,955	287,103	647,058	698,830
Rentals and Leases	13,900	859	13,041	13,900	15,500
Insurance	158,849	69,668	88,443	158,111	166,630
Repair & Maintenance	694,656	261,786	465,583	727,369	1,007,715
Filters for Water Plant	705,050	592,044	113,006	705,050	678,290
Sludge Management-Sewer	150,000	66,619	66,124	132,743	150,000
Chemicals	408,767	140,691	268,076	408,767	337,995
Operating Supplies	95,675	18,518	79,211	97,729	98,675
Office Supplies	2,765	1,916	1,719	3,635	3,635
Uniforms	9,255	3,667	5,974	9,641	9,775
Motor Fuels	81,756	7,711	74,045	81,756	99,411
Dues, Licenses & Permits	71,212	40,881	30,331	71,212	56,950
Capital Outlay	3,276,430	1,633,139	1,642,011	3,275,150	964,000
Renewal & Replacement	365,000	98,470	266,530	365,000	-
Sub-Total Plant Operations	9,240,733	4,477,321	4,586,913	9,064,234	6,851,625

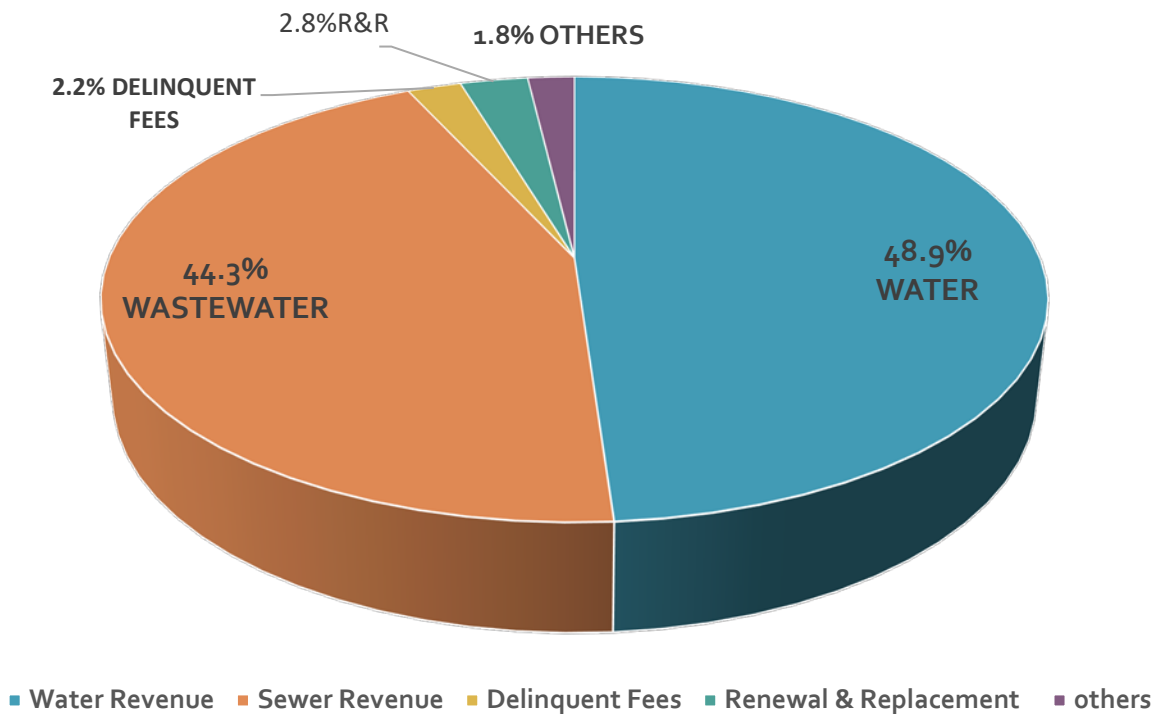
DESCRIPTION	ADOPTED BUDGET FY 2018-2019	ACTUAL THRU 4/30/2019	PROJECTED NEXT 5 Months	TOTAL PROJECTED THRU 9/30/2019	PROPOSED BUDGET FY 2019-2020
FIELD OPERATIONS					
Salaries and Wages	748,175	374,332	374,332	748,665	786,613
Special Pay	1,459	1,245	-	1,246	1,405
FICA Taxes	57,235	28,428	28,428	56,856	60,176
Pension Expense	89,780	42,813	42,813	85,626	94,394
Health Insurance	206,450	101,584	101,584	203,168	247,480
Workers Comp. Insurance	34,864	24,645	24,645	49,291	49,556
OPEB	0	-	-	-	2,723
Water Quality Testing	1,000	-	1,000	1,000	1,000
Naturescape Irrigation Service	4,679	4,819	-	4,820	4,970
Telephone Expense	10,800	7,035	5,640	12,676	13,950
Electric Expense	114,735	52,665	53,329	105,994	114,480
Rent Expense	17,480	1,526	15,954	17,480	9,500
Rent Expense - SCADA	56,040	32,690	23,350	56,041	56,040
Insurance	22,206	9,131	13,075	22,206	24,000
Repairs and Maintenance	117,468	41,372	103,060	144,433	216,000
Lift Stations	168,850	59,533	109,317	168,850	168,850
Generators	26,083	11,682	14,401	26,083	33,080
Meters	49,340	14,470	34,870	49,341	60,680
Office Supplies	1,680	409	1,271	1,680	1,680
Operating Supplies	61,295	38,285	23,010	61,296	57,190
Uniforms	5,820	2,475	3,345	5,820	5,820
Motor Fuels	28,580	12,778	15,802	28,580	22,860
Dues, Licenses, Schools & Permits	13,296	6,408	6,888	13,296	13,300
Capital Outlay	1,324,000	650,911	673,089	1,324,000	381,000
Renewal & Replacement	-	-	-	-	-
Sub-Total Field Operations	3,161,315	1,519,236	1,669,203	3,188,451	2,426,747
TOTAL OPERATING EXPENDITURES	14,496,024	7,038,785	7,243,925	14,282,722	11,473,351
Required Reserve for R&R	-	-	-	-	-
TOTAL OPERATING EXPENDITURES & RESERVES	14,496,024	7,038,785	7,243,925	14,282,722	11,473,351
AVAILABLE FOR DEBT SERVICE	3,103,546	2,220,277	883,268	3,103,533	3,099,534
Debt Coverage Required 1.10	1.10			1.10	1.10
Debt Service Requirement 1.00	2,821,405			2,821,405	2,817,758
Projected Surplus .10	282,141			282,141	281,776
TOTAL DEBT SERVICES + SURPLUS	3,103,546			3,103,546	3,099,534



REVENUES

Water & Sewer represent 93% of the District's total income. Those utility rates have not increased since year 2012, and as a result, revenues will remain almost the same.

Revenues by Sources





Water & Sewer Revenues

The District will use reserve funds in the amount of \$1,705,236 to help offset infrastructure projects required by Plant & Field departments.

Water Revenue

The estimated amount that will be billed to users of the water system of the District is determined by the utility rate agreement. Based on prior year revenues the water revenues are projected to be \$6,467,008.

Sewer Revenue

The estimated amount that will be billed to users of the wastewater system of the District is determined by the utility rate agreement. Based on prior year revenues the sewer revenues are projected to be \$5,852,977.

Standby Revenue

The standby charge is applied to each lot, parcel or tract, which has been reserved for water and sewer capacity. The standby charges for this Fiscal Year are based on 13 units per month @ \$20 per unit. The amount projected for this Fiscal Year is \$3,120.

Processing Fees

A processing fee of \$20 is charged to each new utility account. Based on the District’s history of new accounts, the projected amount for this fiscal year is \$12,000.

Lien Revenue Fees

The Board adopted a \$25 charge for an estoppel letter. Based on the prior years’ history of estoppel letters, the estimated amount for this fiscal year is \$9,000.

Delinquent Fees

The District levies a \$25 charge for each month the account is delinquent until the account is current. The projected amount for this fiscal year is \$290,000.



REVENUES (Continued)

Contract Utility Billing Services

The District contracts out utility billing services for the benefit of cost sharing. This fiscal year the District expects to receive \$62,602.

Contract HR & Payroll Services

The District provides human resource and payroll services to other Districts based on fees established under interlocal agreements. Budgeted fees are \$13,289.

Facility Connection Fees

Represents the amount collected for new connections. The amount projected for this Fiscal Year is zero and is based on no new connections.

Meter Fees

Represents the amount collected for meter fees based on the size of the meter. This Fiscal Year the amount projected is zero.

Line Connection Fees

Represents the amount collected for new connections. The amount projected for this Fiscal Year is zero and is based on no new connections.

Interest Income (Restricted)

Interest is earned on restricted bond related accounts and managed by Trust accounts. The District has zero control over performance, and no interest is being budgeted.

Interest Income (Operations)

Interest is earned on cash balances in the District’s funds on deposit in checking, money market, and investment accounts. Interest income on these is being budgeted for \$65,000.



REVENUES (Continued)

Rent Revenue

This line item represents the lease of office space to perform work on other Districts. The total revenue from this source is \$65,203.

Technology Sharing Revenue

The District owns an IBM AS-400 computer system as well as a suite of proprietary software programs. Technology sharing is the revenue associated with the performance of duties on the Districts system, phone, fax, ISP and other technology hardware, used for the benefit of the District. The amount being reimbursed by other funds is \$15,450.

Miscellaneous Revenues

Represents miscellaneous fees charged to customers for NSF, meter boxes, repairs and other services provided to customer by the District. Based on prior years' experience, this amount is projected to be \$12,000.

Renewal & Replacement

Funds accumulated in prior years are used in the budget year for payment of various renewal and rehabilitation projects. The amount projected for this Fiscal Year is zero.



ADMINISTRATION EXPENDITURES

A contractual increase in independent attorney services, merchant fees, health care insurance and website requirements account mainly for the 4.8% proposed increase in the total administrative budget.

Salaries and Wages

The total amount of budgeted wages for this Fiscal Year is \$1,011,726.

Special Pay

Special pay is a holiday bonus based on the employee’s number of years of service. This year’s expense is \$2,534.

FICA Taxes

FICA tax is established by law and the current rate is 7.65%. Based on salaries of \$1,011,726 the amount projected for FICA tax is \$77,397.

Pension Expense

The pension plan was established whereby the District makes contributions on behalf of each employee with other funds available to match contributions made by the employee to the deferred compensation plan. Based on salaries of \$1,011,726 the amount projected for pension expense is \$121,408.

Health Insurance

The District offers each employee Health, Life, Dental and Disability Insurance. The amount budgeted is \$233,182.

Worker’s Compensation Insurance

The District Worker’s Compensation policy is currently with Florida Insurance Alliance. The projected amount for this Fiscal Year is \$3,423.

Unemployment Compensation

Unemployment compensation is expected to be \$4,000.



ADMINISTRATION EXPENDITURES (Continued)

OPEB Expense

Other post-employment benefits (OPEB) are the benefits that an employee will begin to receive at the start of retirement. This does not include pension benefits paid to the retired employee (GASB Statements 74 and 75). The budgeted amount is estimated to be \$2,862.

Engineering Fees

The District currently has a contract with Globaltech, to provide general engineering services not related to or associated with any specific capital improvement project. The contract includes preparation for monthly meetings, monthly reporting, and responses to requests from the Board. Based on anticipated general engineering work the fees are not expected to exceed \$33,600.

Trustee Fees/Other Debt Expense

This expense includes charges associated with the currently existing outstanding bond issues. Pending bond fees & arbitrage costs are not included in this listing.

Trustee Fees (2016 Series)	\$10,120
AMTEC Report	<u>600</u>
Total Expenses	\$10,720

Legal Fees

The District currently has a contract with Lewis, Longman and Walker, PA as legal counsel for the District. This contract includes preparation for monthly board meetings, contract review, etc. In addition, the District expects to have additional expenses with changes to District codification. This year's budget is not expected to exceed \$60,000.



ADMINISTRATION EXPENDITURES (Continued)

Special Consulting Services

The District may need to engage a consultant that specializes in legislative codification matters that would amend the current charter. Included in those matters are bidding threshold requirements, efficiencies, gains, and benefits inherent in contract administration. Other consulting services may be incurred for special projects as needed. The anticipated cost for all of these services is \$86,000.

Travel & Per Diem (Board)

This expense represents travel expenses for the Board of Supervisor 's. The budgeted amount for this fiscal year is \$4,500.

Annual Audit

The District's auditing firm is Keefe, McCullough & Co., LLP. Based on the current activity level this amount should not exceed \$12,150.

Actuarial Computation - OPEB

Florida state statutes require the employer to make health coverage available to retirees at the employer's group rate. GASB 75 requires a periodic actuarial assessment of the cost and liability associated with these benefits. The budgeted amount for this fiscal year is \$2,700.

Management Fees

This service includes management and financial advisory services provided to the District under the Management Contract with Severn Trent Services. This fiscal year the expense is \$88,552.

Telephone Expense

Telephone Service, fax machine and long-distance calls are included under this expense. Based on the prior years' experience, the amount should not exceed \$13,835.



ADMINISTRATION EXPENDITURES (Continued)

Postage

Overnight deliveries, correspondence, utility bills, etc.

Utility Billing	31,200
Administrative	2,400
Special Mailings	<u>3,000</u>
Total	\$36,600

Printing and Binding

Stationary, utility billing forms, personnel forms, envelopes, photocopies, etc.

Utility Billing	10,000
Administrative	2,970
Accounting	1,300
Annual Water Quality Report	3,500
Personnel Department	1,600
Marketing Materials	<u>2,600</u>
Total	\$21,970

Electric Expense

This expense includes the electric service for the Administrative Building. Based on prior years' expense the projected amount for this Fiscal Year is \$12,960.



ADMINISTRATION EXPENDITURES (Continued)

Rentals and Leases

The following charges are being budgeted in the fiscal year:

Copier Lease	\$ 2,290
Mail Machine	<u>785</u>
Total	\$ 3,075

Insurance

The District retains Egis Insurance & Risk Advisors as our Insurance Agent, who on a yearly basis arranges the placement of the District insurance for property, general liability, and inland marine coverage. The expected amount for this Fiscal Year should not exceed \$16,520.

Repair and Maintenance

The following expenses are anticipated for the budget year.

Pest Control	\$ 1,920
A/C Maintenance & Repairs	13,860
Carpet Cleaning	3,680
Title & Baths Cleaning	700
Building small supplies/materials	1,300
Window Cleaning	1,440
Marble Polishing	1,600
Other Repairs & Maintenance	<u>1,960</u>
Total	\$ 26,460



ADMINISTRATION EXPENDITURES (Continued)

Legal Advertising

The District does most of its legal advertising in the Sun-Sentinel. Expenses include monthly meetings, special meetings, public hearings, request for bids, etc. The estimated amount should not exceed \$4,500.

Other Current Charges

Bank charges and any other miscellaneous expenses that occur during the year as follows:

Meeting Refreshments	\$ 280
Commercial Bank Charges	6,000
Security Signature Stamps	300
Phone System Computer Boards	5,000
Monitoring Fees	775
Employment & Drug Screening	1,800
Other Contractual Services	1,560
Cleaners/Pest Control/etc.	1,200
Miscellaneous Charges	<u>12,995</u>
TOTAL	\$ 29,910

Merchant Fees

The District is charged monthly administrative fees as well as individual transaction fees on all credit card payments we receive. Based on last years' experience the projected amount should not exceed \$78,520.



ADMINISTRATION EXPENDITURES (Continued)

Computer/Technology Expenses

This represents software, anti-virus, web hosting, tech services & additional computer project systems and support for this fiscal year which amount should not exceed \$113,835.

Employment Ads

Recruiting Expenses for qualified candidates for Plant Operators, Field and Administration Personnel. Based on prior years' experience the amount should not exceed \$13,550.

Toilet Rebates

Utility bills are credited \$99 for those customers who install a qualifying toilet under the rebate program established by the District. Budgeted rebates reflect a total of 150 toilets for \$14,850.

Office Supplies

Accounting, Utility Billing and Administrative Supplies such as printer cartridges, file cabinets, computer supplies, file folders, pens, pencils, cleaning supplies, paper products, etc. Based on historical experience the amount should not exceed \$4,000.

Dues, Licenses, Schools & Permits

This item includes professional publications such as GAAP Guide and Florida Statutes. This expense also covers the cost for continuing education requirements and license renewal, management training, and training related to human resources. The amount should not exceed \$12,000.

Promotional Expenses

The District is budgeting \$14,640 for the budget year.



ADMINISTRATION EXPENDITURES (Continued)

Capital Outlay

The budgeted amount of \$23,000 is being provided for the purchase of office carpeting (budgeted but not completed on previous year) and equipment.



EXPENDITURES - PLANT OPERATIONS

Since overall funding remains unchanged from the current fiscal year, a decrease in capital projects compared with previous year is reflected in this section.

An increase in Repairs & Maintenance is due to the electrical upgrades suggested by the Arc Flash study presented by independent Engineers along with generators and wellfield maintenance and repairs.

Salaries and Wages

The total amount of budgeted wages for this Fiscal Year is \$1,700,446.

Special Pay

Special pay is a holiday bonus based on the employee’s number of years of service. This year’s expense is \$2,703.

FICA Taxes

FICA tax is established by law and the current rate is 7.65%. Based on salaries of \$1,700,446 the amount projected for FICA tax is \$130,084.

Pension Expense

The pension plan was established whereby the District makes contributions on behalf of each employee with other funds available to match contributions made by the employee to the deferred compensation plan. Based on salaries of \$1,700,446 the amount projected for pension expense is \$201,000.

Health Insurance

The District offers each employee Health, Life, Dental and Disability Insurance. The amount budgeted is \$354,297.

Worker’s Compensation Insurance

Worker’s compensation insurance is being budgeted for \$93,877.



EXPENDITURES - PLANT OPERATIONS (Continued)

OPEB Expense

Other post-employment benefits (OPEB) calculation budgeted amount is based on previous year calculation and estimated to be \$4,437.

Water Quality Testing

Water Quality Testing is provided by Florida Spectrum Environmental Services, Inc. This Fiscal Year the projected amount for water quality testing is \$68,475.

Telephone Expense

Telephone charges for this Fiscal Year include Bellsouth phone service for Water and Wastewater offices and Sprint phone services. The projected amount for this fiscal year is \$8,900.

Electric Expense

The electric requirements for the plant facility and wells are based upon the operating history. Based on prior year's expense the projected amount for this Fiscal Year is \$698,830.

Rentals and Leases

The District is budgeting \$15,500 for miscellaneous equipment rentals.

Insurance

The District retains Egis Insurance & Risk Advisors as our Insurance Agent, who on a yearly basis arranges the placement of the District insurance for property, general liability, and inland marine coverage. The expense should not exceed \$166,630.

Repairs & Maintenance - General

Repair and maintenance expenses anticipated to be spent in the fiscal year are as follows:



EXPENDITURES - PLANT OPERATIONS (Continued)

Water Department

Flow meters	\$15,000
Sulfuric acid tank cleaning, inspection & repair	60,000
Electrical upgrades	75,000
Interconnect usage	10,000
R&M general	18,000
Air conditioning	6,590
Vehicle maintenance	4,000
Generator maintenance & repairs	23,000
Vibration Analysis Program	41,800
Well & Wellfield Maintenance	164,080
Instrument and Control Repairs/Calibration	56,000
Facility Maintenance	<u>36,700</u>
Total Water	\$ 510,170



EXPENDITURES - PLANT OPERATIONS (Continued)

Wastewater Department

Electrical upgrades	\$120,000
Annual certification	2,500
Sludge Truck Maintenance & Repair	1,900
Air conditioning	10,690
Vehicle Maintenance	2,500
Vibration Analysis Program	9,000
Lift Stations	2,500
Generator Maintenance & Repair	26,675
Deep Well Maintenance	38,000
Instruments & Controls/ Meter Calibration	43,480
Tank Cleaning	55,000
Paint interior Plant C	66,000
Electrical breaker, blower parts & repairs	40,000
Other Facility Maintenance	5,000
Mechanical injection well	<u>500</u>
Total Wastewater	\$ 423,745



EXPENDITURES - PLANT OPERATIONS (Continued)

Maintenance

R&M general	\$6,080
Vehicle Maintenance	3,000
R&M trash pick up	5,720
Lawn Maintenance Contract	52,000
Other Facility Maintenance	<u>7,000</u>
Total Maintenance	\$73,800

TOTAL REPAIRS & MAINTENANCE - PLANT **\$1,007,715**

Filters for Water Plant

Budgeted replacement costs for filters, membranes and interconnectors for the Water Plant are \$678,290.

Sludge Management - Sewer

Sludge removal costs are budgeted for \$150,000.

Chemicals

Products used in the process of Water & Wastewater treatments. The amount projected to be spent in this fiscal year is \$337,995.

Operating Supplies - General

General operating supplies include laboratory chemicals and miscellaneous tools and equipment. The projected amount is \$98,675.



EXPENDITURES - PLANT OPERATIONS (Continued)

Office Supplies

Paper, pens, folders, and other office supplies. The projected amount for this fiscal year is \$3,635.

Uniforms

Uniform purchases, rentals and safety boot allowances are budgeted at \$9,775.

Motor Fuels

Motor fuels include gasoline and diesel fuel needed for the operation of auxiliary generators. The projected amount is \$99,411.

Dues, Licenses, Schools & Permits

This expense represents costs for license renewals, subscriptions, and employee licensing, books and schooling required to maintain licenses to operate for plant employees. The projected amount for this fiscal year is \$56,950.

Capital Outlay

The District is budgeting amounts for addition of VFD's to wells, post flush recovery reduction, high service pump motor replacement, building drainage improvements, water blower, interconnect study, Plant C repairs and tools for maintenance. The total amount budgeted is \$964,000.

Renewal & Replacement

The District is budgeting \$0 for this concept this fiscal year.



EXPENDITURES - FIELD OPERATIONS

Repairs & Maintenance includes upgrades in the Electrical systems. In general, total expenditures decreased due to fewer capital projects.

Salaries and Wages

The total amount of budgeted wages for this fiscal year is \$786,613.

Special Pay

Special pay is a holiday bonus based on the employee’s number of years of service. This year’s expense is \$1,405.

FICA Taxes

FICA tax is established by law and currently is 7.65%. Based on salaries of \$786,613 the amount projected for FICA tax is \$60,176.

Pension Expense

The pension plan was established whereby the District makes contributions on behalf of each employee with other funds available to match contributions made by the employee to the deferred compensation plan. Based on salaries of \$786,613 the amount projected for pension expense is \$94,394.

Health Insurance

The District offers each employee Health, Life, Dental and Disability Insurance. The amount budgeted is \$247,480.

Worker’s Compensation Insurance

The District Worker’s Compensation policy is currently with Florida Insurance Alliance. The projected amount is \$49,556.



EXPENDITURES - FIELD OPERATIONS (Continued)

OPEB Expense

Other post-employment benefits (OPEB) calculation budgeted amount is based on previous year calculation and estimated to be \$2,723.

Water Quality Testing

Water Quality Testing is provided by Florida Spectrum Environmental Services, Inc. This Fiscal Year the projected amount for water quality testing is \$1,000.

Naturescape Irrigation Service

Annual fee of \$4,970 is paid to Broward County for the operation of the Naturescape irrigation service.

Telephone Expense

Telephone and fax machine are budgeted annually. Based on prior year’s experience the amount should not exceed \$13,950.

Electric Expense

The electric requirements (for Lift Stations) are based upon the operating history. Based on prior years’ expense the projected amount for this fiscal year is \$114,480.

Rent Expense

Equipment rental, other than for SCADA, is budgeted for \$9,500.

Rent Expense-SCADA

The District will install and rent components for telemetry lift-station operation and monitoring for \$56,040.



EXPENDITURES - FIELD OPERATIONS (Continued)

Insurance

The District retains Egis Insurance & Risk Advisors as our Insurance Agent, who on a yearly basis arranges the placement of the District insurance for property, general liability, and inland marine coverage. The expected amount for this Fiscal year should not exceed \$24,000.

Repair and Maintenance

Following is a listing of the different repairs and maintenance needed for field operations maintenance.

GIS Services	\$ 37,500
Backhoe maintenance	8,000
Jet machine service	4,000
R&M general	5,000
Electrical upgrades	20,000
Air Conditioning	3,500
Asphalt improvements	30,000
R&M Facilities	4,500
Backflow certifications & replacements	9,500
Valve replacement & maintenance	10,000
Streets & landscape	46,000
Hydrants	18,000
Vehicles	<u>20,000</u>
Total Repairs & Maintenance	\$216,000



EXPENDITURES - FIELD OPERATIONS (Continued)

Lift Stations

This expense is to cover lift stations maintenance and repairs including new pumps and electrical supplies. The District operates 41 Lift Stations on the Field. The projected amount for this fiscal year is \$168,850.

Generators

Amount projected for expenses related to Portable Generators including services and repairs. The District owns 7 Portable Generators. Budget amount should not exceed \$33,080.

Meters

This program was setup to replace old meters. The projected amount for this fiscal year includes new connections and supplies costs. The amount being budgeted for new connections is \$60,680.

Office Supplies

Paper, pens, folders, and other office supplies. The projected amount for this fiscal year is \$1,680.

Operating Supplies

General operating supplies include laboratory chemicals and miscellaneous tools and equipment. The projected amount is \$57,190.

Uniforms

Uniform purchases and rentals and safety boot allowances are budgeted at \$5,820.

Motor Fuels

Motor fuels include gasoline and diesel fuel needed for the operation of portable generators. The projected amount is \$22,860.



EXPENDITURES - FIELD OPERATIONS (Continued)

Dues, Licenses, Schools & Permits

This expense represents the cost for license renewals, subscriptions, and employee licensing, books and schooling required to maintain their license to operate. The projected amount is \$13,300.

Capital Outlay

The District is budgeting for projects such as the purchase of various field related equipment, lift station camera work and rehab of lift stations. The expected amount for this Fiscal year should not exceed \$381,000.

Renewal & Replacement

No amounts are being budgeted for FYE 2019/2020.



DEBT SERVICE

During FY 2015/2016, Coral Springs Improvement District refinanced Series 2007 Bonds with Refunded Revenue Bonds Series 2016 in the amount of \$42,830,000 with a rate of 3.05%.

\$38 million were used to the construction project of water plant and \$4 million has been set aside to take care of interest during the capitalized period, and to ensure those payments are available to the bondholders.

Debt service schedule represents the amount of money required to make payments on the principal and interest on the outstanding loan.

The schedule below reflects principal and interest obligations for the new fiscal year.

**2016 Water and Sewer Refunding Revenue Bonds
DEBT SERVICE SCHEDULE**

Period Ending October 1	Principal Amount	Interest Amount	Total Debt Service
2017	1,075,000	928,935	2,003,935
2018	1,545,000	1,273,528	2,818,528
2019	1,595,000	1,226,405	2,821,405
2020	1,640,000	1,177,758	2,817,758
2021	1,695,000	1,127,738	2,822,738
2022	1,745,000	1,076,040	2,821,040
2023	1,795,000	1,022,817	2,817,817
2024	1,850,000	968,070	2,818,070
2025	1,910,000	911,645	2,821,645
2026	1,965,000	853,390	2,818,390
2027	2,025,000	793,457	2,818,457
2028	2,090,000	731,695	2,821,695
2029	2,150,000	667,950	2,817,950
2030	2,220,000	602,375	2,822,375
2031	17,530,000	534,665	18,064,665
	42,830,000	13,896,468	56,726,468

6B.

RESOLUTION 2019-11

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE
CORAL SPRINGS IMPROVEMENT DISTRICT ADOPTING THE
WATER AND SEWER BUDGET FOR FISCAL YEAR 2020**

WHEREAS, Chapter 2004-469, Laws of Florida, recodifying Chapters 70-617 and 89-419, Laws of Florida, authorizes the Coral Springs Improvement District (“District”) to construct, maintain, and operate a water treatment and wastewater treatment and collection system to serve the residents of the Coral Springs Improvement District; and

WHEREAS, pursuant to said authority, the District has constructed a water and wastewater facility from the proceeds of a General Obligation, Water and Sewer Revenue Bond Issue; and

WHEREAS, pursuant to the requirements of the Bond Resolution for said issue, the Board of Supervisors caused a budget to be prepared for the operation and maintenance of said system for Fiscal Year 2020, which by reference is made a part hereof; and

WHEREAS, notice of public hearing concerning the proposed budget was duly published as required by law; and

WHEREAS, the District Board of Supervisors (“Board”) has conducted said public hearing in accordance with applicable law.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE
CORAL SPRINGS IMPROVEMENT DISTRICT, THAT:**

Section 1. The recitals above are true and correct and are hereby made a part of this Resolution.

Section 2. The District Water and Sewer System Operating and Maintenance Budget (“Budget”), showing expected revenues of \$_____ ; debt service requirement of \$_____ ; expected operation and maintenance expenses of \$_____ ; such that said Budget shows a surplus of \$_____ prior to subordinate lien debt expense of \$_____ ; and the operation and maintenance thereof can continue through Fiscal Year 2020; said Budget is hereby adopted and certified by the Board of Supervisors of the Coral Springs Improvement District.

Section 3. A verified copy of the Budget shall be attached to this Resolution as Exhibit A and shall be included as part of the District’s “Official Record of Proceedings.”

Section 4. This Resolution shall become effective immediately upon adoption.

PASSED AND ADOPTED by the Board of Supervisors of the Coral Springs Improvement District, this 16th day of September, 2019.

Kenneth Cassel
Assistant Secretary

Martin Shank
President

Exhibit A

FY 2020 Water and Sewer Budget

Seventh Order of Business

RESOLUTION 2019 –12

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT APPROVING UTILITY RATE MODIFICATIONS FOR WATER AND SEWER SERVICE TO CORAL SPRINGS IMPROVEMENT DISTRICT CUSTOMERS FOR FISCAL YEAR 2019/2020; PROVIDING FOR SUBSEQUENT YEAR MODIFICATIONS; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, Section 51 of Chapter 2004-469, Laws of Florida, 2004 authorizes the Board of Supervisors of the Coral Springs Improvement District (the “District”) to establish rates, fees and other charges for potable water and sewer services to District customers, and

WHEREAS, the District’s utilities consultant, Stantec Consulting Services, Inc. (“Stantec”), has determined per the Consumer Price Index, Water and Sewerage Maintenance Series, that maintenance and operations costs of water and sewer facilities have increased over the past thirty (30) years by approximately 5% annually (Stantec Water and Sewer Revenue Sufficiency Analysis, Final Report, April 23, 2019, Exhibit “A”); and

WHEREAS, while the District’s current water and sewer rates are adequate to operate the water and sewer systems, Stantec has recommended that the utility rates for all customers be increased by either 5% annually or the percentage increase annually of the Consumer Price Index, Water and Sewerage Maintenance Series, whichever is greater; and

WHEREAS, the District Board of Supervisors has conducted a public hearing, considered the Stantec analysis and recommendations and all public comments and has determined that the recommendation to increase all utility rates annually by either 5% or the percentage annual increase in the Consumer Price Index, Water and Sewerage Maintenance Series, whichever is greater is fair and equitable.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT OF BROWARD COUNTY, FLORIDA, THAT:

Section 1. The recitals above are true and accurate and are hereby made a part of this Resolution.

Section 2. The water and sewer utility rates recommended by Stantec are fair and equitable to all District customers as required by Chapter 2004-469, Laws of Florida in that the annual increases do not overly burden any class of customers and will allow the District to continue to efficiently operate and maintain its utility facility for the benefit of all District Customers.

Section 3. The Stantec report and recommendations are approved.

Section 4. Beginning October 1, 2019 and annually thereafter, the District Board of Supervisors may increase all water and sewer rates by 5% or the annual percentage rate of increase of the Consumer Price Index, Water and Sewerage Maintenance Series.

Section 5. This resolution shall take effect upon passage by the Board of Supervisors of the Coral Springs Improvement District.

PASSED AND ADOPTED this 16th day of September, 2019 by the Board of Supervisors of the Coral Springs Improvement District, Broward County, Florida.

Martin Shank, President

Kenneth Cassel, Assistant Secretary

APPROVED AS TO FORM:

Terry E. Lewis, District Attorney



Coral Springs Improvement District, FL

Water and Sewer Revenue Sufficiency Analysis – Final Report

April 23, 2019





April 23, 2019

Mr. Dan Daly
Director of Operations
10300 NW11th Manor
Coral Springs, FL 33071

Re: Water and Sewer Revenue
Sufficiency Analysis – Final
Report

Dear Mr. Daly,

Stantec Consulting Services Inc. is pleased to present this Final Report of the Water and Sewer Rate Study (Study) that we performed for the Coral Springs Improvement District (District). We appreciate the fine assistance provided by you and all the members of the District staff who participated in this Study.

Upon review of this Final Report, we will incorporate any comments or changes requested and issue a Final Report for your records. If you or others at the District have any questions, please do not hesitate to contact me. We appreciate the opportunity to be of service to the District and look forward to working with you again soon.

Sincerely,

A handwritten signature in black ink, appearing to read "Erick Van Malssen".

Erick Van Malssen
Principal

4651 Salisbury Road, Suite 350
Jacksonville, Florida 32256-6107
(904) 247-0787
Erick.vanMalssen@Stantec.com

Enclosure

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1. INTRODUCTION

This Final Report presents the results of the Water and Sewer Revenue Sufficiency Analysis (RSA or Study) that was completed for the water and sewer systems of the Coral Springs Improvement District (hereafter referred to as the District or CSID) by Stantec Consulting Services Inc (Stantec). This report presents the objectives, approach, methodologies, source data, assumptions, as well as the findings and recommendations of the Study.

1.1 BACKGROUND

The Coral Springs Improvement District (CSID) provides water and sewer service to approximately 9,500 customer accounts. The costs for providing these services are accounted for within a single enterprise fund and are funded through rates, fees, and charges paid by customers for services rendered.

In FY 2018 - 2019, Stantec Consulting Services Inc. performed a comprehensive analysis of CSID's water and sewer rates. The revenue sufficiency analysis ensures that the fund can meet all its ongoing obligations such as budgeted operating expenses, budgeted capital improvements, existing debt service and minimum reserve targets with its current income level, or if necessary, identifies additional revenue levels required for the fund to be sustainable.

1.2 OBJECTIVES

The principal objectives of this Study were as follows:

Revenue Sufficiency Analysis – Conduct a revenue sufficiency analysis by developing and populating a multi-year financial model for CSID to determine the level of annual revenue required to satisfy its projected annual operating, debt service, and capital cost requirements as well as maintain adequate reserves under several scenarios.

Benchmarking – Compare CSID's plan of annual rate adjustments identified herein against current national industry trends as well as the level of its existing rates against those of other local communities via a residential bill comparison.

2. REVENUE SUFFICIENCY ANALYSIS

2.1 DESCRIPTION

This section presents the financial management plan and corresponding plan of water and sewer rate adjustments developed in the revenue sufficiency analysis (RSA). The following sub-sections of the report present a description of the source data, assumptions, and results of the RSA, while Appendix A includes detailed supporting schedules for the financial management plan identified herein for CSID.

During the RSA we reviewed several alternative multi-year financial management plans and corresponding water and sewer rate revenue adjustment plans through interactive work sessions with District staff. During these work sessions, we examined the impact of various inputs or assumptions upon key financial indicators, via graphical representations, summarizing the results of the forecasting model under assumed conditions. In this way, we incorporated local information and management input as we developed the recommended financial management plan and the resulting plans of rate adjustments presented herein.

To initialize the RSA, we obtained the District's historical and budgeted financial information regarding the operation of the water and sewer systems, as well as historical customer counts and billed volume information. We also obtained the District's multi-year CIP and documented its current debt service obligations and covenants, or promises made to lenders, relative to net income coverage requirements, reserves, etc. We also counseled with District staff regarding other assumptions and policies that would affect the performance of the utility, such as trends in demands, planned developments/customer growth, debt coverage and fund reserve levels, capital funding sources, earnings on invested funds, escalation rates for operating costs, etc.

All this information was entered into the financial module of our proprietary Financial Analysis and Management System (FAMS-XL) interactive modeling system. This module of FAMS-XL produced ten-year projections (FY 2020 – FY 2029) of the sufficiency of the revenue provided by the District's current rates to meet its current and projected financial requirements and determined the levels of rate increases necessary in each year of the projection period to satisfy the District's annual financial requirements.

The financial planning module utilizes all projected available unrestricted funds in each year of the projection period to pay for capital expenditures. The module is set up to reflect the rules of cash-funded expenditures (PAYGO) as defined and applied by CSID staff, and it produces a detailed summary of the funding sources to be used for each project in the CIP. As indicated, we evaluated alternative sets of funding rules for the CIP as part of preparing the analysis and financial plans presented herein.

2.2 SOURCE DATA

The following presents the key source data relied upon in conducting the RSA:

Beginning Fund Balances

The FY 2018 Audited Financial Report and supporting trial balance schedules provided by CSID staff were used to establish beginning FY 2019 balances for the District.

Revenues

The revenues utilized in the RSA reflect an evaluation of multiple years of historical results, as well as FY 2019 budget. Revenues consist of rate revenue, interest income, and other minor revenue from miscellaneous service charges. Rate revenue is based upon the FY 2018 detailed billing data provided by CSID staff. The FY 2019 budget was used to project all other revenue types, excluding interest income (which was calculated annually based on projected fund balances and assumed interest rates).

Operating Expenditures

The District's operating expenditures include all operations and maintenance expenses, transfers, debt service requirements and minor capital outlays. The RSA based operating expenditure projections on the individual expense categories and expenses amounts contained in the FY 2019 adopted budget, adjusted annually thereafter based upon assumed cost escalation factors that were reviewed with CSID staff. Schedule 5 in Appendix A provides the CSID's projected line item expenditures over the projection period.

Debt Service

The District's existing debt obligation is a 2016 Water and Sewer Refunding Revenue Bond. In FY 2019, the annual debt service (principal and interest payment) on the bond is approximately \$2.8M, with a final balloon payment of \$18M in FY 2031.

Future Borrowing

To the extent that new debt is required during the projection period, the RSA assumes it would be issued for a 30-year term at an interest rate of 3.5% increasing to 5.0% by 2022 and each year thereafter.

Debt Service Coverage

One of the most important covenants the District makes relative to the issuance of debt is that its annual net revenues will be at least 1.1 times greater than its senior lien debt service requirements. To the extent the District is unable to meet these requirements, it could face the possibility of having its credit rating downgraded, which would affect interest rates and terms of future financing activities. As a policy decision, utilities often measure revenue sufficiency and set rates based upon a higher debt service coverage level. This practice ensures compliance with these types of covenants in the event future projections of revenue and expenses do not occur as predicted (due to extended drought conditions, unanticipated capital requirements or O&M cost increases, natural disasters, etc.). As such, the financial plan presented herein for the District reflects a minimum debt service coverage ratio for senior lien debt that is greater than 1.20

throughout the projection period, which is indicative of a financially healthy or strong utility system per the evaluation criteria published by each of the major municipal utility rating agencies.

Capital Improvement Program

District staff provided the multi-year CIP in project level detail from FY 2019 through FY 2028 (with FY 2029 assuming unspecified future spending based on discussions with CSID Staff). The projects listed in FY 2019 include carry-over project costs that are still in progress from prior years. Beginning in FY 2021, the RSA includes an annual cost inflation factor of 3.0% for these CIP projects (based upon recent increases observed in the Engineering News Record Construction Cost Index) to account for the inflation in the future cost of construction. In total, the CIP (including inflation and execution assumptions) from FY 2019 to FY 2029 is about \$33.6 million. A full listing of projects and costs by year is included on Schedule 4 of Appendix A.

2.3 ASSUMPTIONS

The following presents the key assumptions utilized in the RSA. Additional detail related to the assumptions used in this analysis is presented in Schedule 1 of the Appendix.

Cost Escalation

Annual cost escalation factors for the various types of operating and maintenance expenses were developed based upon discussions with CSID staff, a review of historical trends, and our industry experience. The specific escalation factors assumed for the various categories of expenses can be found on Schedule 2 of Appendix A.

Interest Earnings

The RSA reflects an assumed interest earning rate of 0.25% starting in FY 2019, increasing by 0.10% annually until an annual increase of 0.75% is reached in FY 2024. The remainder of the projection remains static at 0.75%.

Customer Growth & Volume Forecast

New accounts and billed volume growth projections were based upon a review of historical data, observance of local environmental and economic conditions, and discussions with staff regarding the anticipated number of new accounts to the District and trends in water demands. Per direction from District staff, this analysis assumes no account or billed volume growth as the District is mostly built-out.

Minimum Reserve Policy

Reserve balances for utilities are funds set aside for a specific cash flow requirement, financial need, project, task, or legal covenant. These balances are maintained to meet short-term cash flow requirements and minimize the risk associated with meeting the financial obligations and continued operational and capital needs under adverse conditions. The level of reserves maintained by a utility is an important component and consideration of a sustainable multi-year financial management plan.

Many utilities, rating agencies, and the investment community place a significant emphasis on having sufficient reserves available for potentially adverse conditions. The rationale related to the maintenance of adequate reserves is twofold. First, it helps to ensure that a utility will have adequate funds available to meet its financial obligations during unusual periods (i.e. when revenues are unusually low and/or expenditures are unusually high). Second, it provides funds that can be used for emergency repairs or replacements to the system that can occur because of natural disasters or unanticipated system failures.

CSID should have financial policies in place that state targeted reserve balances. Financial policies should articulate how to determine the adequacy of the reserve fund balances and how the balances will be used. It is important to note that once reserve targets are established, they should be reviewed annually during the budgeting process to monitor current levels and assure conformance with stated policies and practices. Decisions can be made to maintain, increase, or spend down the reserve balances, as appropriate, depending upon the impact of such decisions to the upcoming budget period.

Moreover, a utility should review the approach used to establish reserve balances every three to five years. This time frame is appropriate given that debt levels and capital infrastructure activity can vary during this time, which would influence the appropriate level of reserve balances. This type of review allows for reserve targets to be modified to reflect current conditions and issues.

The financial management plans presented in this report assume that CSID will maintain a minimum Operating Fund balance or reserve equal to 6 months of operating expenses. This provides a healthy level of reserves for a municipal utility system per the evaluation criteria published by the municipal utility rating agencies (Fitch, Moody's, and Standard & Poor's) and is consistent with our industry experience.

2.4 RESULTS & BENCHMARKING

Based upon the data, assumptions, and policies presented herein, the District's current water and sewer rates will not provide sufficient revenues to meet its ongoing debt service, capital, operating, and reserve requirements over a multi-year projection period. As such, the RSA developed a financial management plan and a corresponding plan of water and sewer rate increases that will meet the District's current and projected cost requirements under the assumed and projected conditions described in this report. Table 2-1 summarizes the proposed annual rate increases for FY 2020 through FY 2029.

Table 2-1 Proposed Annual Rate Increases FY 2020 – FY 2029

System	Minimum	Maximum
Water	3.75%	5.00%
Sewer	3.75%	5.00%

Per the results of the analysis, minimum annual rate increases of 3.75% would allow the water and sewer fund to meet its ongoing requirements over the projection period (FY 2020 – FY 2029) but would require

future borrowing to fund a portion of CIP. On the other hand, maximum annual rate increases of 5.00% would allow the fund to meet its ongoing requirements over the projection period with little to no future borrowing. For further details on the rate increase scenarios, reference Schedule 7 in Appendix A.

There are multiple factors beyond the District's control, such as i) weather, ii) regulatory changes, iii) national, regional, and local economic conditions, iv) the rate of growth in new customers, v) customer reaction to rate adjustments, vi) operating and capital cost inflation, and vii) changes in the timing and composition of the District's capital improvement program, that will have material impacts on the future financial condition of the District's utility operations. Further, the projections in this Study rely upon data and guidance provided during the Study, and while the information utilized in this Study is believed to be reliable, detailed independent reviews or auditing of the data were not conducted.

As a result, there will usually be differences between forecast and actual results because events and circumstances frequently do not occur as expected, and those differences may be material. While we have no responsibility to update this report for events and circumstances occurring after the date of this report, future management actions must be informed by and adjusted to reflect future results as they occur. These comments are provided to emphasize the importance of active management review of the actual future results of utility operations by the District. While the planning effort supported by this Study will serve to guide and inform the District in balancing future revenue and spending decisions, it is only through observation of future results that the District will be able to determine the actions required to ensure its financial and operational objectives are met.

National and Local Trends

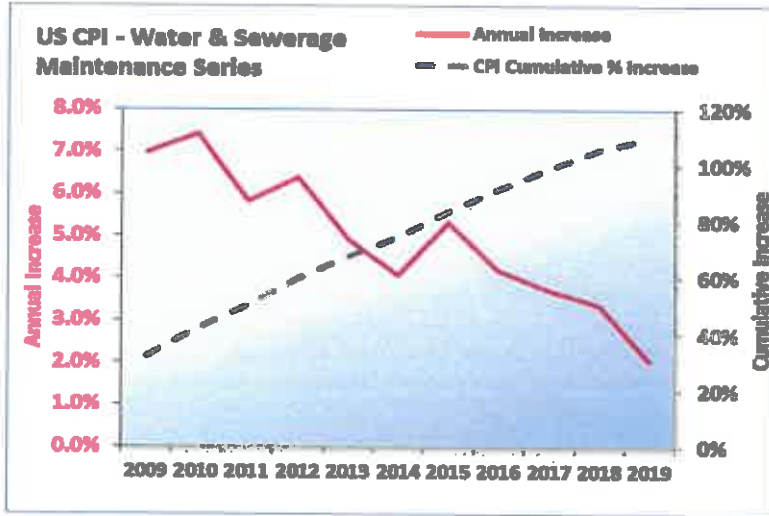
The levels of the recommended rate adjustments presented herein are in alignment with recent national trends and our local industry experience. The Consumer Price Index (CPI) is a measure of the average change over time in the prices paid by urban consumers for a market basket of consumer goods and services. The CPI market basket is developed from detailed expenditure information provided by families and individuals on what they actually bought. Over a 2-year period, expenditure information came from approximately 28,000 weekly diaries and 60,000 quarterly interviews used to determine the importance, or weight, of the more than 200 item categories in the CPI index structure. These 200 item categories are then arranged into eight major groups. The CPI Water and Sewerage Maintenance Series is an item category under the Housing group.

This Water and Sewerage Maintenance series has increased annually over the past 30 years at approximately 5% annually. Error! Reference source not found. provides the annual and cumulative change in water and sewer bills for the typical residential customer since 2009 as measured by the CPI Water and Sewerage Maintenance Series.

The District has the option of tying annual rate adjustments to empirical data of changes in Water and Sewer costs. If the District wished to correlate annual rate adjustments to a national index, we would recommend using the CPI Water and Sewerage Maintenance Series to calculate annual rate adjustments.

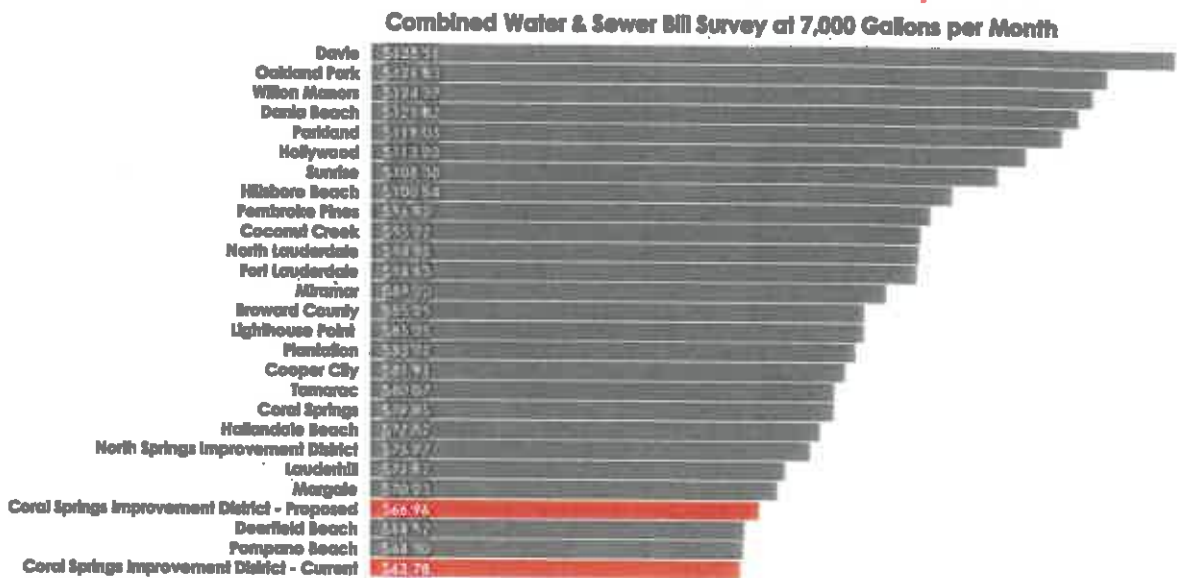
This would provide annual rate revenue necessary to meet the range of rate revenue requirements recommended in this Study.

Figure 2-1 US CPI Water & Sewerage Maintenance Series Index



In addition, we have completed a local comparative residential monthly bill analysis based upon the current FY 2019 rates and the District's average residential use of 7,000 gallons per month. The District's rates currently rank among the lowest of local water and sewer service providers for a typical user in the area and remains amongst the lowest service providers, even after the proposed minimum rate increase of 3.75%.

Figure 2-2 Combined Residential Water & Sewer Bill at 7,000 Gallons per Month



Appendix A includes detailed schedules presenting all components of the financial management plan developed for the District. It is important to note, all schedules in Appendix A reflect the assumption that water and sewer rates are increasing annually at the minimum recommended increase of 3.75%.

APPENDIX A - SUPPORTING SCHEDULES

Supporting Schedules for the RSA

Schedule 1: Key Assumptions

Schedule 2: Cost Escalation Factors

Schedule 3: Beginning Balances

Schedule 4: Capital Improvement Plan

Schedule 5: Cash Outflows

Schedule 6: Cash Inflows

Schedule 7: Panel Summary Results

Schedule 8: Pro-forma

Schedule 9: Capital Projects Funding Summary

Schedule 10: Sources and Uses: Detailed Funding

Schedule 11: Long-term Borrowing

Schedule 1: Assumptions

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Annual Growth:											
Water Accounts ¹	9,562	9,562	9,562	9,562	9,562	9,562	9,562	9,562	9,562	9,562	9,562
% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Usage (gallons)	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600	1,174,098,600
% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Sewer Accounts											
	9,024	9,024	9,024	9,024	9,024	9,024	9,024	9,024	9,024	9,024	9,024
% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Usage (gallons)	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700	1,076,957,700
% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rate Increase Effective Date:											
	N/A	10/1/2019	10/1/2020	10/1/2021	10/1/2022	10/1/2023	10/1/2024	10/1/2025	10/1/2026	10/1/2027	10/1/2028
Capital Spending:											
Annual Capital Budget (Future Year Dollars)	\$7,343,287	\$3,280,000	\$2,550,280	\$2,588,596	\$1,925,385	\$3,157,052	\$3,890,994	\$2,268,699	\$831,481	\$4,480,395	\$1,304,773
Annual Percent Executed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Average Annual Interest Earnings Rate:											
On Fund Balances:	0.25%	0.35%	0.45%	0.55%	0.65%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%
Operating Budget Reserve:											
Target (Number of Months of Reserve)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Operating Budget Execution Percentages:											
Personal Services	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Fixed Operations and Maintenance	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

¹ Includes irrigation accounts and usage

Schedule 2: Cost Escalation Factors

<u>Operating Expense Line Item</u>	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
<u>Administrative:</u>										
Salaries and Wages	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Temporary Help	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Special Pay	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
FICA Taxes	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Pension Expense	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Health Insurance	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%
Workers Comp. Insurance	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Unemployment Compensation	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Engineering Fees	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Trustee/Other Debt Expenses	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Legal Fees	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Special Consulting Services	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Travel & Per Diem (Board)	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Annual Audit	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Actuarial Computation - OPEB	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Management Fees	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Telephone Expense	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Postage	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Printing & Binding	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Electric Expense	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Rentals and Leases	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Insurance	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Repair and Maintenance	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Legal Advertising	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Other Current Charges	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Merchant Fees	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Computer/Technology Expenses	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Employment Ads	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Toilet Rebate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Office Supplies	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Dues, Licenses, Schools & Permits	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Promotional Expenses	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
<u>Plant Operations:</u>										
Salaries and Wages	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Special Pay	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
FICA Taxes	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

Schedule 2: Cost Escalation Factors

<u>Operating Expense Line Item</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>
Pension Expense	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Health Insurance	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%
Workers Comp. Insurance	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Water Quality Testing	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Telephone Expense	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Electric Expense	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Rentals and Leases	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Insurance	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Repair & Maint-General	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Repair & Maint-Filters for Water Plant	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Sludge Management - Sewer	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Employment Ads	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Office Supplies	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Operating Supplies - General	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Operating Supplies - Chemicals	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Uniforms	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Motor Fuels	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Dues, Licenses, Schools & Permits	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Field Operations:										
Salaries and Wages	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Temporary Help	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Special Pay	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Fica Taxes	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Pension Expense	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Health Insurance	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%
Workers Comp. Insurance	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Water Quality Testing	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Naturescape Irrigation Service	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Telephone Expense	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Electric Expense	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Rent Expense	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Rent Expense - SCADA	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Insurance	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Repairs and Maintenance	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Lift Stations	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Generators	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Meters	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Employment Ads	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Office Supplies	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Operating Supplies - General	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Uniforms	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Motor Fuels	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Dues, Licenses, Schools & Permits	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%

Schedule 3: Beginning Balances -- As of September 30, 2018

Source: 2018.09.30 CORAL SPRINGS IMPROVEMENT DISTRICT
FINANCIAL STATEMENTS.PDF

CURRENT UNRESTRICTED ASSETS

	Revenue Fund	Restricted Reserves	Renewal & Replacement
Cash & Cash Equivalents	\$ 9,167,499	-	-
Investments	10,884,911	-	-
Accounts Receivable	1,348,926	-	-
Due from other Governments	53,943	-	-
Accrued Interest Receivable	9,440	-	-
Prepaid Items	7,000	-	-
Restricted Cash - Debt Service Reserve	-	1,149,356	-
Restricted Cash - Renewal & Replacement	-	-	3,776,614
TOTAL CURRENT ASSETS	\$ 21,471,719	1,149,356	3,776,614
CURRENT LIABILITIES			
Accounts Payable	\$ (261,770)	-	-
Accrued Expenses	(162,959)	-	-
Due to General Fund	(1,978)	-	-
Contracts Payable	(718,395)	-	-
Compensated Absences Payable	(120,291)	-	-
Deposits	(533,630)	-	-
CALCULATED FUND BALANCE (ASSETS - LIABILITIES)	\$ 19,672,696	1,149,356	3,776,614
Plus/(Less): Additional for Debt Service Reserve (\$3m total)	(1,850,644)	1,850,644	-
AVAILABLE FUND BALANCE	\$ 17,822,052	3,000,000	3,776,614
TOTAL AVAILABLE FUNDS	\$ 24,598,666		

Schedule 4: Capital Investment Plan

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
1 Project Description											
2 Lift Station Rehab	\$ 400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	-
3 Basin Rehab	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-	1,500,000	-
4 Service line Replacement	-	-	-	-	-	-	-	-	-	-	-
5 Lift Station Generators	100,000	-	100,000	-	100,000	-	100,000	-	-	-	-
6 Storage Shed	-	-	-	-	120,000	-	-	-	-	-	-
7 Trailers	10,000	-	-	-	-	-	-	-	-	-	-
8 Backflow Installation program	-	-	-	-	-	-	1,859,406	-	-	-	-
9 Well Replacement	-	-	527,000	-	-	-	527,000	-	-	-	-
10 VFD for High Service Pump	20,000	-	-	-	20,000	-	-	-	-	20,000	-
11 High Service Pump and Motor	60,000	-	-	-	60,000	-	-	-	-	60,000	-
12 Transfer Pump Station piping meters	-	-	25,000	-	-	25,000	-	-	-	25,000	-
13 Hypo Feed System	-	-	-	50,000	-	-	-	-	-	-	-
14 Ammonia Feed	-	-	-	50,000	-	-	-	-	-	-	-
15 RO Plant Air Compressor System	-	-	-	-	50,000	-	-	-	-	-	-
16 Piping and	-	-	50,000	-	-	-	50,000	-	-	-	-
17 RO Plant Electrical Room Upgrade	-	-	-	-	-	-	-	-	-	550,000	-
18 AC Replacement	-	-	-	20,000	-	-	20,000	-	-	-	-
19 Diesel Tank Replacement	-	-	-	-	372,000	-	-	-	-	-	-
20 Scada System Upgrade	-	-	-	-	100,000	-	-	-	-	100,000	-
21 Replacement Membranes	630,000	-	-	-	-	630,000	-	-	-	-	-
22 CIP System Upgrade	-	-	-	-	150,000	-	-	-	-	-	-
23 ORP Meter Installation	40,000	-	-	-	-	-	-	-	-	-	-
24 Automated Fushing Valve Raw	-	-	60,000	-	-	-	-	-	-	-	-
25 Plant Instrumentation and panels	-	-	-	-	-	-	-	-	-	526,000	-
26 H S PUMP ROOF	-	-	40,000	-	-	-	-	-	-	-	-
27 Fire Supression system Upgrade	-	-	-	-	-	-	-	-	-	41,865	-
28 Monitoring Well	\$ 1,200,000	-	-	-	-	-	-	-	-	-	-
29 Blowers 1,2,3	-	-	796,000	-	-	-	-	-	-	-	-
30 Blowers 4,5	-	-	478,000	-	-	-	-	-	-	-	-
31 Blowers Dig # 2	-	-	-	-	-	-	-	-	-	114,000	-
32 Blowers Dig # 1	-	-	-	-	-	-	-	-	76,070	-	-
33 Dig #1 PH control	-	100,000	-	-	-	-	-	-	-	-	-
34 Dig #2 PH control	-	100,000	-	-	-	-	-	-	-	-	-
35 Belt Filter Press 1	-	-	-	400,000	-	-	-	-	-	-	-
36 Belt Filter Press 2	-	-	-	-	-	-	400,000	-	-	-	-
37 Generator #6	-	-	-	-	-	250,000	-	-	-	-	-
38 WW Roofs 5-6 buildings	-	-	-	-	120,000	-	-	-	-	-	-
39 Plant Cand D	2,000,000	-	-	-	-	-	-	-	-	-	-
40 Rotary Drum Thickner	-	-	-	-	250,000	-	-	-	-	-	-
41 Effluent Pumps	-	-	-	-	-	-	-	-	200,000	-	-
42 RO Concentrate Line Permanent	150,000	-	-	-	-	-	-	-	-	-	-
43 Clarifier Drive Replacement	-	-	-	-	-	-	-	-	-	200,000	-
44 Roadway Paving	-	80,000	-	-	-	-	-	-	-	-	-
45 Emergency Operations Center	-	1,000,000	-	-	-	-	-	-	-	-	-
46 Maintenance Upgrade Tools Equip	100,000	-	-	-	-	-	-	-	-	-	-
47 Roof Repair Admin	-	-	-	-	20,000	-	-	-	-	-	-
48 Roof Repair Garage Bldg	-	-	-	20,000	-	-	-	-	-	-	-
49 Hurricane Doors	100,000	-	-	-	-	-	-	-	-	-	-
50 WW old MCC Panel Replacement	-	100,000	-	-	-	-	-	-	-	-	-
51 Unspecified Future Spending	-	-	-	-	-	-	-	-	-	-	1,000,000

Schedule 4: Capital Investment Plan

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
52 <u>Carryforwards from FY 2018</u>											
53 WTP Fluoride Storage - CSID	\$ 119,695	-	-	-	-	-	-	-	-	-	-
54 WPT Fluoride - Grant	205,000	-	-	-	-	-	-	-	-	-	-
55 Diesel HSP 7 bypass	21,780	-	-	-	-	-	-	-	-	-	-
56 Well 6 VFD	56,422	-	-	-	-	-	-	-	-	-	-
57 Ground Storage Tank (GST) Repair	2,700	-	-	-	-	-	-	-	-	-	-
58 Antiscalant Meter	1,604	-	-	-	-	-	-	-	-	-	-
59 Arc Flash Study	38,254	-	-	-	-	-	-	-	-	-	-
60 DIW Dual Zone Monitor Well 4 Const	821,838	-	-	-	-	-	-	-	-	-	-
61 WWTP Plant D	221,650	-	-	-	-	-	-	-	-	-	-
62 Deep Injection Well Mech Integrity Test	3,586	-	-	-	-	-	-	-	-	-	-
63 Water Service Replacement Phase 2	667,464	-	-	-	-	-	-	-	-	-	-
64 Basin Rehab - LS #2 Project 2	207,801	-	-	-	-	-	-	-	-	-	-
65 WA 142 - LS 13 & 17	165,492	-	-	-	-	-	-	-	-	-	-
66 Total CIP Budget (in current dollars)	\$ 7,343,287	3,280,000	2,476,000	2,440,000	1,762,000	2,805,000	3,356,406	1,900,000	676,070	3,536,845	1,000,000
67 Cumulative Projected Cost Escalation	0.0%	0.0%	3.0%	6.1%	9.3%	12.6%	15.9%	19.4%	23.0%	26.7%	30.5%
68 Resulting CIP Funding Level	\$ 7,343,287	3,280,000	2,650,280	2,588,596	1,925,385	3,157,052	3,890,994	2,268,699	831,481	4,480,395	1,304,773
69 Annual CIP Execution Percentage	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
70 Final CIP Funding Level	\$ 7,343,287	3,280,000	2,560,280	2,588,596	1,925,385	3,157,052	3,890,994	2,268,699	831,481	4,480,395	1,304,773

Schedule 5. Cash Out

		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
1	Administrative:												
2	Salaries and Wages	PS	\$ 1,002,793	1,052,933	1,105,579	1,160,858	1,218,901	1,279,846	1,343,839	1,411,030	1,481,582	1,555,661	1,633,444
3	Special Pay	PS	2,252	2,365	2,483	2,607	2,737	2,874	3,018	3,169	3,327	3,494	3,668
4	FICA Taxes	PS	76,713	80,549	84,576	88,805	93,245	97,907	102,803	107,943	113,340	119,007	124,957
5	Pension Expense	PS	120,335	126,352	132,669	139,303	146,268	153,581	161,260	169,323	177,790	186,679	196,013
6	Health Insurance	PS	199,390	223,317	250,115	280,129	313,744	351,393	393,561	440,788	493,682	552,924	619,275
7	Workers Comp. Insurance	PS	2,707	2,842	2,984	3,134	3,290	3,455	3,628	3,809	3,999	4,199	4,409
8	Unemployment Compensation	PS	4,000	4,200	4,410	4,631	4,862	5,105	5,360	5,628	5,910	6,205	6,516
9	Engineering Fees	O&M	33,600	34,104	34,616	35,135	35,662	36,197	36,740	37,291	37,850	38,418	38,994
10	Trustee/Other Debt Expenses	O&M	10,740	10,901	11,065	11,231	11,399	11,570	11,744	11,920	12,099	12,280	12,464
11	Legal Fees	O&M	36,000	36,540	37,088	37,644	38,209	38,782	39,364	39,954	40,554	41,162	41,779
12	Special Consulting Services	O&M	90,570	91,929	93,307	94,707	96,128	97,570	99,033	100,519	102,026	103,557	105,110
13	Travel & Per Diem (Board)	O&M	4,500	4,568	4,636	4,706	4,776	4,848	4,920	4,994	5,069	5,145	5,222
14	Annual Audit	O&M	12,000	12,180	12,363	12,548	12,736	12,927	13,121	13,318	13,518	13,721	13,926
15	Actuarial Computation - OPEB	O&M	2,700	2,741	2,782	2,823	2,866	2,909	2,952	2,997	3,042	3,087	3,133
16	Management Fees	O&M	85,973	87,263	88,572	89,900	91,249	92,617	94,007	95,417	96,848	98,301	99,775
17	Telephone Expense	O&M	12,810	13,002	13,197	13,395	13,596	13,800	14,007	14,217	14,430	14,647	14,867
18	Postage	O&M	34,200	36,743	37,294	37,854	38,421	38,998	39,583	40,176	40,779	41,391	42,012
19	Printing & Binding	O&M	21,970	22,300	22,634	22,974	23,318	23,668	24,023	24,383	24,749	25,120	25,497
20	Electric Expense	O&M	12,000	12,600	13,230	13,892	14,586	15,315	16,081	16,885	17,729	18,616	19,547
21	Rentals and Leases	O&M	3,075	3,121	3,168	3,215	3,264	3,313	3,362	3,413	3,464	3,516	3,569
22	Insurance	O&M	15,288	15,517	15,750	15,986	16,226	16,470	16,717	16,967	17,222	17,480	17,742
23	Repair and Maintenance	O&M	16,970	17,819	18,709	19,645	20,627	21,658	22,741	23,878	25,072	26,326	27,642
24	Legal Advertising	O&M	13,800	14,007	14,217	14,430	14,647	14,867	15,090	15,316	15,546	15,779	16,015
25	Other Current Charges	O&M	27,060	27,466	27,878	28,296	28,720	29,151	29,589	30,032	30,483	30,940	31,404
26	Merchant Fees	O&M	68,700	69,731	70,776	71,838	72,916	74,009	75,120	76,246	77,390	78,551	79,729
27	Computer/Technology Expenses	O&M	63,831	64,788	65,760	66,747	67,748	68,764	69,796	70,843	71,905	72,984	74,078
28	Employment Ads	O&M	18,840	19,123	19,409	19,701	19,996	20,296	20,600	20,909	21,223	21,541	21,865
29	Tax Rebate	O&M	14,850	15,073	15,299	15,528	15,761	15,998	16,238	16,481	16,728	16,979	17,234
30	Office Supplies	O&M	4,000	4,060	4,121	4,183	4,245	4,309	4,374	4,439	4,506	4,574	4,642
31	Dues, Licenses, Schools & Permits	O&M	12,000	12,180	12,363	12,548	12,736	12,927	13,121	13,318	13,518	13,721	13,926
32	Promotional Expenses	O&M	18,310	18,585	18,863	19,146	19,434	19,725	20,021	20,321	20,626	20,935	21,250
33	Plant Operations:												
34	Salaries and Wages	PS	\$ 1,715,618	1,801,399	1,891,469	1,986,042	2,085,344	2,189,612	2,299,092	2,414,047	2,534,749	2,661,487	2,794,561
35	Special Pay	PS	2,702	2,837	2,979	3,128	3,284	3,449	3,621	3,802	3,992	4,192	4,401
36	FICA Taxes	PS	131,244	137,806	144,697	151,931	159,528	167,504	175,880	184,673	193,907	203,603	213,783
37	Pension Expense	PS	203,124	213,280	223,944	235,141	246,898	259,243	272,206	285,816	300,107	315,112	330,868
38	Health Insurance	PS	334,514	374,656	419,614	469,968	526,364	589,528	660,271	739,504	828,244	927,634	1,038,950
39	Workers Comp. Insurance	PS	59,877	62,871	66,014	69,315	72,781	76,420	80,241	84,253	88,466	92,889	97,533
40	Water Quality Testing	O&M	72,066	73,147	74,244	75,358	76,488	77,636	78,800	79,982	81,182	82,400	83,636
41	Telephone Expense	O&M	9,864	10,012	10,162	10,315	10,469	10,626	10,786	10,948	11,112	11,278	11,448
42	Electric Expense	O&M	678,409	712,329	747,946	785,343	824,610	865,841	909,133	954,590	1,002,319	1,052,435	1,105,057
43	Rentals and Leases	O&M	13,900	14,109	14,320	14,535	14,753	14,974	15,199	15,427	15,658	15,893	16,132
44	Insurance	O&M	158,849	161,232	163,650	166,105	168,597	171,125	173,692	176,298	178,942	181,626	184,351
45	Repair & Maint-General	O&M	694,656	705,076	715,652	726,387	737,283	748,342	759,567	770,960	782,525	794,263	806,177
46	Repair & Maint-Filters for Water Plant	O&M	705,050	715,626	726,360	737,256	748,314	759,539	770,932	782,496	794,234	806,147	818,239
47	Sludge Management - Sewer	O&M	150,000	152,250	154,534	156,852	159,205	161,593	164,016	166,477	168,974	171,508	174,081
48	Office Supplies	O&M	2,765	2,806	2,849	2,893	2,935	2,979	3,023	3,069	3,115	3,161	3,209
49	Operating Supplies - General	O&M	95,675	97,110	98,567	100,045	101,546	103,069	104,615	106,184	107,777	109,394	111,035
50	Operating Supplies - Chemicals	O&M	408,767	429,205	450,666	473,199	496,859	521,702	547,787	575,176	603,935	634,132	665,838
51	Uniforms	O&M	9,255	9,394	9,535	9,678	9,823	9,970	10,120	10,272	10,426	10,582	10,741
52	Motor Fuels	O&M	81,756	85,844	90,136	94,643	99,375	104,344	109,561	115,039	120,791	126,830	133,172
53	Dues, Licenses, Schools & Permits	O&M	71,212	72,280	73,364	74,465	75,582	76,716	77,866	79,034	80,220	81,423	82,644

Schedule 5. Cash Out

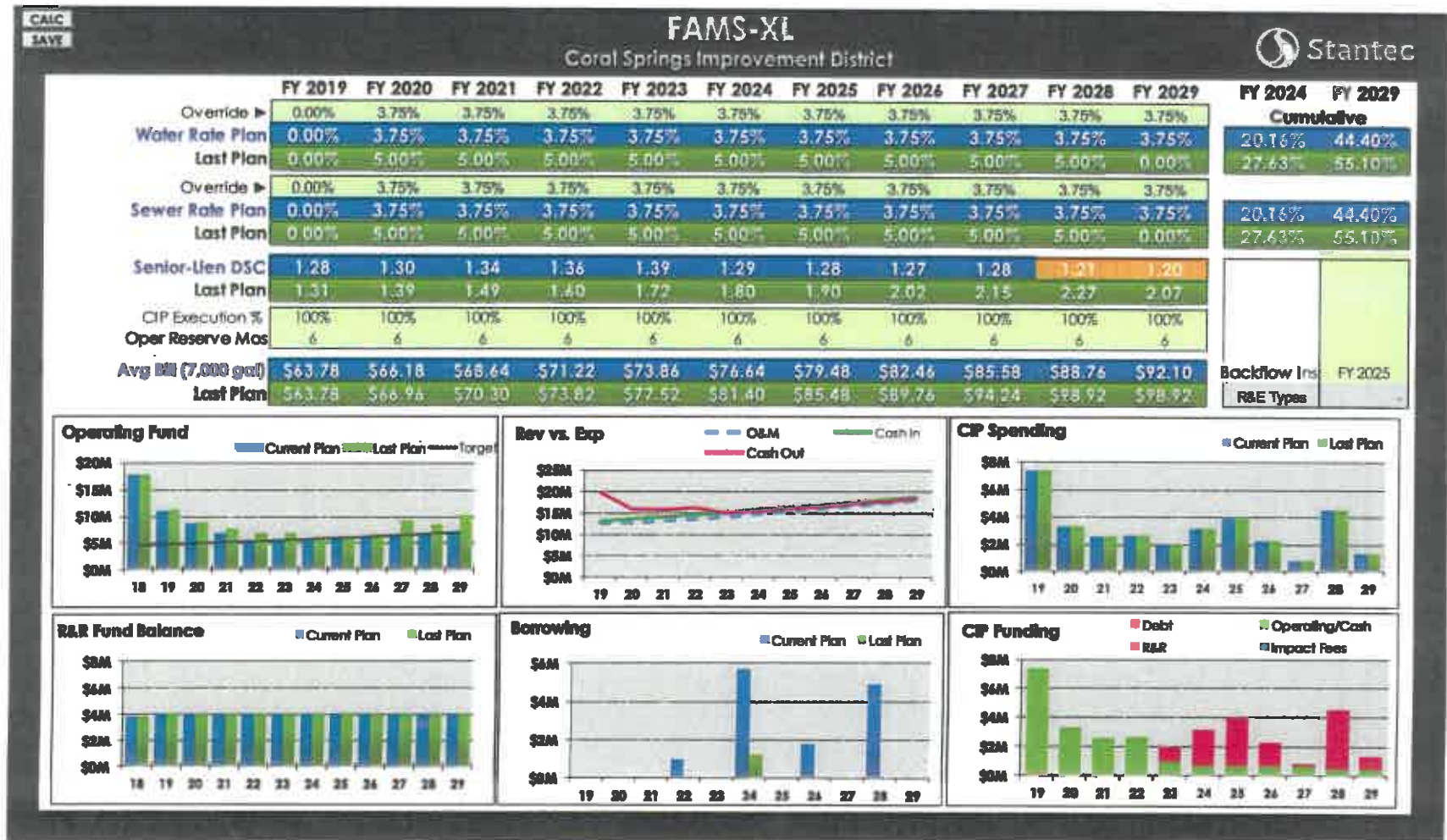
		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
54	Field Operations:												
55	Salaries and Wages	PS	\$ 748,175	785,584	797,368	809,328	821,468	833,790	846,297	858,991	871,876	884,954	898,229
56	Special Pay	PS	1,459	1,532	1,555	1,578	1,602	1,626	1,650	1,675	1,700	1,726	1,752
57	Fica Taxes	PS	57,235	60,097	60,998	61,913	62,842	63,784	64,741	65,712	66,698	67,699	68,714
58	Pension Expense	PS	89,780	94,269	95,683	97,118	98,575	100,054	101,554	103,078	104,624	106,193	107,786
59	Health Insurance	PS	206,450	231,224	234,692	238,213	241,786	245,413	249,094	252,830	256,623	260,472	264,379
60	Workers Comp. Insurance	PS	34,864	36,607	37,156	37,714	38,279	38,854	39,436	40,028	40,628	41,238	41,856
61	Water Quality Testing	O&M	1,000	1,015	1,030	1,046	1,061	1,077	1,093	1,110	1,126	1,143	1,161
62	Naturescape Irrigation Service	O&M	4,679	4,749	4,820	4,893	4,966	5,041	5,116	5,193	5,271	5,350	5,430
63	Telephone Expense	O&M	10,800	10,962	11,126	11,293	11,463	11,635	11,809	11,986	12,166	12,349	12,534
64	Electric Expense	O&M	114,735	120,472	122,279	124,113	125,975	127,864	129,782	131,729	133,705	135,711	137,746
65	Rent Expense	O&M	17,480	17,742	18,008	18,278	18,553	18,831	19,113	19,400	19,691	19,986	20,286
66	Rent Expense - SCADA	O&M	56,040	56,881	57,734	58,600	59,479	60,371	61,277	62,196	63,129	64,076	65,037
67	Insurance	O&M	22,206	22,539	22,877	23,220	23,569	23,922	24,281	24,645	25,015	25,390	25,771
68	Repairs and Maintenance	O&M	117,468	119,230	121,018	122,834	124,676	126,546	128,445	130,371	132,327	134,312	136,326
69	Lift Stations	O&M	168,850	171,383	173,953	176,563	179,211	181,899	184,628	187,397	190,208	193,061	195,957
70	Generators	O&M	26,083	26,474	26,871	27,274	27,684	28,099	28,520	28,948	29,382	29,823	30,270
71	Meters	O&M	49,340	50,080	50,831	51,594	52,368	53,153	53,950	54,760	55,581	56,415	57,261
72	Office Supplies	O&M	1,680	1,705	1,731	1,757	1,783	1,810	1,837	1,865	1,893	1,921	1,950
73	Operating Supplies - General	O&M	61,295	62,214	63,148	64,095	65,056	66,032	67,023	68,028	69,048	70,084	71,135
74	Uniforms	O&M	5,820	5,907	5,996	6,086	6,177	6,270	6,364	6,459	6,556	6,655	6,754
75	Motor Fuels	O&M	28,580	30,009	30,459	30,916	31,380	31,850	32,328	32,813	33,305	33,805	34,312
76	Dues, Licenses, Schools & Permits	O&M	13,296	13,495	13,698	13,903	14,112	14,324	14,538	14,756	14,978	15,203	15,431
77	Sub-Total Personal Services Expenses	PS	\$ 4,993,232	5,294,718	5,558,986	5,840,856	6,141,800	6,463,439	6,807,552	7,176,101	7,571,245	7,995,367	8,451,094
78	Personal Services Execution Percentage		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
79	Total Personal Services Expenses		\$ 4,993,232	5,294,718	5,558,986	5,840,856	6,141,800	6,463,439	6,807,552	7,176,101	7,571,245	7,995,367	8,451,094
80	Sub-Total Fixed O&M Expenses	O&M	\$ 4,487,363	4,601,616	4,714,663	4,831,607	4,952,617	5,077,868	5,207,546	5,341,845	5,480,967	5,625,126	5,774,545
81	Fixed O&M Execution Percentage		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
82	Total Fixed O&M Expenses		\$ 4,487,363	4,601,616	4,714,663	4,831,607	4,952,617	5,077,868	5,207,546	5,341,845	5,480,967	5,625,126	5,774,545
83	Long-Term Debt Service Payments:												
84	2016 Water and Sewer Refunding Revenue Bonds - P+ ¹		\$ 2,821,405	2,817,758	2,822,738	2,821,040	2,817,817	2,818,070	2,821,645	2,818,390	2,818,457	2,821,695	2,817,950
85	Cumulative New Debt Service [Calc]		-	-	-	50,501	65,703	375,111	468,252	563,117	591,674	857,145	937,059
86	Total Long-Term Debt Service Payments		\$ 2,821,405	2,817,758	2,822,738	2,871,541	2,883,520	3,193,181	3,289,897	3,381,507	3,410,131	3,678,840	3,755,009
87	Transfers Out												
88	Transfers to R&R		\$ 345,000	-	-	-	-	-	-	-	-	-	-
89	Total Transfers Out		\$ 345,000	-	-	-	-	-	-	-	-	-	-
90	Cash-Funded Capital												
91	Projects Designated To Be Paid With Cash		\$ 7,201,673	3,280,000	2,550,280	2,588,596	1,001,269	700,624	685,577	665,773	698,475	479,570	447,750
92	Total Cash-Funded Capital		\$ 7,201,673	3,280,000	2,550,280	2,588,596	1,001,269	700,624	685,577	665,773	698,475	479,570	447,750
93	Total Cash Out		\$ 19,848,673	15,994,092	16,446,668	16,132,600	14,979,206	15,435,111	15,990,571	16,545,225	17,140,819	17,778,904	18,428,399

Schedule 6: Cash In

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
1 Rate Revenue Growth Assumptions											
2 Water											
3 % Change in Accounts	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4 % Change in Usage	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5 Sewer											
6 % Change in Accounts	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7 % Change in Usage	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8 Proposed Rate Increases											
9 Proposed Water Rate Increase	N/A	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%
10 Proposed Sewer Rate Increase	N/A	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%
11 Water Rate Revenues¹											
12 Base Facility Charges	\$ 3,880,524	4,026,044	4,177,021	4,333,659	4,496,171	4,664,777	4,839,707	5,021,196	5,209,490	5,404,846	5,607,528
13 Usage Charges	2,692,972	2,793,958	2,898,732	3,007,434	3,120,213	3,237,221	3,358,617	3,484,565	3,615,236	3,750,808	3,900,476
14 Total Water Rate Revenue	\$ 6,573,496	6,820,002	7,075,753	7,341,093	7,616,384	7,901,999	8,198,324	8,505,761	8,824,727	9,155,654	9,508,004
15 Sewer Rate Revenues											
16 Base Facility Charges	\$ 3,859,537	4,004,269	4,154,429	4,310,220	4,471,854	4,639,548	4,813,531	4,994,039	5,181,315	5,375,614	5,577,200
17 Usage Charges	2,115,564	2,194,897	2,277,206	2,362,601	2,451,199	2,543,119	2,638,486	2,737,429	2,840,083	2,946,586	3,057,083
18 Total Sewer Rate Revenue	\$ 5,975,100	6,199,167	6,431,635	6,672,822	6,923,053	7,182,667	7,452,017	7,731,468	8,021,398	8,322,200	8,634,283
19 Total Water and Sewer Rate Revenue	\$ 12,548,597	13,019,169	13,507,388	14,013,915	14,539,437	15,084,666	15,650,341	16,237,229	16,846,124	17,477,854	18,142,286
20 Other Operating Revenues											
21 Standby Revenue	\$ 3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120
22 Processing Fees	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
23 Lien Revenue Fees	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
24 Delinquent Fees	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000	290,000
25 Contract Utility Billing Services	59,620	59,620	59,620	59,620	59,620	59,620	59,620	59,620	59,620	59,620	59,620
26 Contract HR & Payroll Services	12,902	12,902	12,902	12,902	12,902	12,902	12,902	12,902	12,902	12,902	12,902
27 Misc. Revenue	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
28 Total Other Operating Revenue	\$ 398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642
29 Non-Operating Revenues											
30 Rent Revenue	\$ 63,304	63,304	63,304	63,304	63,304	63,304	63,304	63,304	63,304	63,304	63,304
31 Technology Sharing Revenue	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
32 Total Non-Operating Revenues	\$ 78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304
33 Interest											
34 Interest Income	\$ 45,789	48,344	53,078	56,171	61,671	72,442	74,168	75,999	77,944	80,011	82,211
35 Interest Income - Restricted	7,500	10,500	13,500	16,681	19,927	24,502	26,012	26,475	26,938	28,233	29,528
36 Total Interest	\$ 53,289	58,844	66,578	72,852	81,598	96,944	100,180	102,474	104,882	108,244	111,739
37 Total Cash In	\$ 13,076,831	13,564,969	14,080,912	14,663,712	15,097,961	15,688,686	16,227,467	16,816,649	17,427,952	18,043,044	18,720,972

¹Water rate revenues include irrigation rate revenues.

Schedule 7: Panel



Note: The current plan (blue bars) reflects a minimum rate plan of 3.75% annual increases to water (including irrigation) and sewer rates through FY 2029. This plan shows a higher need for borrowing if the CIP were to be fully executed. The last plan (green bars) reflects a rate plan of 5.00% annual increases to water (including irrigation) and sewer rates through FY 2029.

Schedule 8: Pro Forma

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
1 Total Rate Revenue											
2 Water and Sewer Base Rate Revenue ¹	\$ 12,548,597	12,548,597	13,019,169	13,507,388	14,013,915	14,539,437	15,084,666	15,650,341	16,237,228	16,846,124	17,477,854
3 Weighted Average Rate Increase	0.00%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.80%
4 Additional Rate Revenue From Rate Increase	-	470,572	488,219	506,527	525,522	545,229	565,675	586,888	608,896	631,730	664,432
5 Total Rate Revenue	\$ 12,548,597	13,019,169	13,507,388	14,013,915	14,539,437	15,084,666	15,650,341	16,237,228	16,846,124	17,477,854	18,142,286
6 Plus: Other Operating Revenue	398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642	398,642
7 Equals Total Operating Revenue	\$ 12,947,239	13,417,811	13,906,030	14,412,557	14,938,079	15,483,308	16,048,983	16,635,870	17,244,766	17,876,496	18,540,928
8 Less: Operating Expenses											
9 Personal Services	\$ (4,993,232)	(5,294,718)	(5,558,986)	(5,840,856)	(6,141,800)	(6,463,439)	(6,807,552)	(7,176,101)	(7,571,245)	(7,995,367)	(8,451,094)
10 O&M	(4,487,363)	(4,601,616)	(4,714,663)	(4,831,607)	(4,952,617)	(5,077,868)	(5,207,546)	(5,341,845)	(5,480,967)	(5,625,126)	(5,774,545)
11 Equals Net Operating Income	\$ 3,466,644	3,521,477	3,632,380	3,740,094	3,843,642	3,942,001	4,033,886	4,117,925	4,192,884	4,256,003	4,316,289
12 Plus: Non-Operating Income/(Expense)											
13 Non-Operating Revenue	\$ 78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304	78,304
14 Interest Income	53,289	58,844	66,578	72,852	81,598	96,944	100,180	102,474	104,882	108,244	111,739
15 Equals Net Income	\$ 3,598,236	3,658,625	3,777,263	3,891,249	4,003,564	4,117,250	4,212,369	4,298,703	4,376,740	4,442,551	4,505,332
16 Debt Service Coverage Test											
17 Existing Debt Service	\$ 2,821,405	2,817,758	2,822,738	2,821,040	2,817,817	2,818,070	2,821,645	2,818,390	2,818,457	2,821,695	2,817,950
18 Cumulative New Debt Service	-	-	-	50,501	65,703	375,111	468,252	563,117	591,674	857,145	937,059
19 Total Senior Lien Debt Service	Target \$ 2,821,405	2,817,758	2,822,738	2,871,541	2,883,520	3,193,181	3,289,897	3,381,507	3,410,131	3,678,840	3,755,009
20 Calculated Debt Service Coverage	1.25	1.28	1.30	1.34	1.36	1.39	1.29	1.28	1.27	1.28	1.21
21 Cash Flow Test											
22 Net Income Available For Debt Service	\$ 3,598,236	3,658,625	3,777,263	3,891,249	4,003,564	4,117,250	4,212,369	4,298,703	4,376,740	4,442,551	4,505,332
23 Less: Non-Operating Expenditures											
24 Net Interfund Transfers (In - Out)	(365,000)	-	-	-	-	-	-	-	-	-	-
25 Net Debt Service Payment (Debt Service - Impact Fees Payment)	(2,821,405)	(2,817,758)	(2,822,738)	(2,871,541)	(2,883,520)	(3,193,181)	(3,289,897)	(3,381,507)	(3,410,131)	(3,678,840)	(3,755,009)
26 Net Cash Flow	\$ 411,831	840,867	954,525	1,019,708	1,120,044	924,068	922,472	917,196	965,609	763,711	750,323
27 Unrestricted Reserve Fund Test											
28 Balance At Beginning Of Fiscal Year	\$ 17,822,052	11,032,210	8,593,077	6,997,321	5,428,434	5,547,208	5,770,653	6,007,549	6,258,973	6,526,106	6,810,247
29 Cash Flow Surplus/(Deficit)	411,831	840,867	954,525	1,019,708	1,120,044	924,068	922,472	917,196	965,609	763,711	750,323
30 Reserve Fund Balance Used For Cash Flow Deficit	-	-	-	-	-	-	-	-	-	-	-
31 Projects Designated To Be Paid With Cash	-	-	-	-	-	-	-	-	-	-	-
32 Projects Paid With Reserve Funds (Non-Specified Funds)	(7,201,673)	(3,280,000)	(2,550,280)	(2,588,596)	(1,001,269)	(700,624)	(685,577)	(665,773)	(698,475)	(479,573)	(447,750)
33 Balance At End Of Fiscal Year	\$ 11,032,210	8,593,077	6,997,321	5,428,434	5,547,208	5,770,653	6,007,549	6,258,973	6,526,106	6,810,247	7,112,820
34 Minimum Working Capital Reserve Target (6 Mo. O&M)	4,740,298	4,948,167	5,136,825	5,336,232	5,547,208	5,770,653	6,007,549	6,258,973	6,526,106	6,810,247	7,112,820
35 Excess/(Deficiency) Of Working Capital To Target	\$ 6,291,912	3,644,909	1,860,497	92,202	-	-	-	-	-	-	-

¹ Includes Inflation rate revenue

Schedule 9: Funding Summary

FINAL CAPITAL PROJECTS FUNDING SOURCES	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
RENEWAL & REPLACEMENT	\$ 141,614	-	-	-	-	-	-	-	-	-	-
REVENUE FUND	7,201,673	3,280,000	2,550,280	2,588,596	1,001,269	700,624	685,577	665,773	698,475	479,570	447,750
SENIOR-LIEN DEBT PROCEEDS	-	-	-	-	924,116	2,456,429	3,205,418	1,602,927	133,005	4,000,824	857,023
TOTAL PROJECTS PAID	\$ 7,343,287	3,280,000	2,550,280	2,588,596	1,925,385	3,157,052	3,890,994	2,268,699	831,481	4,480,395	1,304,773
TOTAL CIP INPUT	7,343,287	3,280,000	2,550,280	2,588,596	1,925,385	3,157,052	3,890,994	2,268,699	831,481	4,480,395	1,304,773
VARIANCE	\$ -	-	-	-	-	-	-	-	-	-	-

Schedule 10: Detailed Funding Summary

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
1 Renewal & Replacement											
2 Balance At Beginning Of Fiscal Year	\$ 3,776,614	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
3 Annual Revenues	365,000	-	-	-	-	-	-	-	-	-	-
4 Less: Annual Expenses	-	-	-	-	-	-	-	-	-	-	-
5 Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
6 Subtotal	4,141,614	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
7 Less: Restricted Funds	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)
8 Total Amount Available For Projects	141,614	-	-	-	-	-	-	-	-	-	-
9 Amount Paid For Projects	(141,614)	-	-	-	-	-	-	-	-	-	-
10 Subtotal	-	-	-	-	-	-	-	-	-	-	-
11 Add Back: Restricted Funds	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
12 Plus: Interest Earnings	9,721	14,000	18,000	22,000	26,000	30,000	30,000	30,000	30,000	30,000	30,000
13 Less: Interest Allocated To Cash Flow	(9,721)	(14,000)	(18,000)	(22,000)	(26,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)
14 Balance At End Of Fiscal Year	\$ 4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
15 Revenue Fund											
16 Balance At Beginning Of Fiscal Year	\$ 17,822,052	11,032,210	8,593,077	6,997,321	5,428,434	5,547,208	5,770,653	6,007,549	6,258,973	6,526,106	6,810,247
17 Net Cash Flow	411,831	840,867	954,525	1,019,708	1,120,044	924,068	922,472	917,196	965,609	763,711	750,323
18 Less: Cash-Funded Capital Projects	-	-	-	-	-	-	-	-	-	-	-
19 Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
20 Subtotal	18,233,883	11,873,077	9,547,601	8,017,030	6,548,477	6,471,277	6,693,125	6,924,745	7,224,582	7,289,817	7,560,569
21 Less: Restricted Funds	(4,740,298)	(4,948,167)	(5,136,825)	(5,336,232)	(5,547,208)	(5,770,653)	(6,007,549)	(6,258,973)	(6,526,106)	(6,810,247)	(7,112,820)
22 Total Amount Available For Projects	13,493,586	6,924,909	4,410,777	2,680,798	1,001,269	700,624	685,577	665,773	698,475	479,570	447,750
23 Amount Paid For Projects	(7,201,673)	(3,280,000)	(2,550,280)	(2,588,596)	(1,001,269)	(700,624)	(685,577)	(665,773)	(698,475)	(479,570)	(447,750)
24 Subtotal	6,291,912	3,644,909	1,860,497	92,202	-	-	-	-	-	-	-
25 Add Back: Restricted Funds	4,740,298	4,948,167	5,136,825	5,336,232	5,547,208	5,770,653	6,007,549	6,258,973	6,526,106	6,810,247	7,112,820
26 Plus: Interest Earnings	36,068	34,344	35,078	34,171	35,671	42,442	44,168	45,999	47,944	50,011	52,211
27 Less: Interest Allocated To Cash Flow	(36,068)	(34,344)	(35,078)	(34,171)	(35,671)	(42,442)	(44,168)	(45,999)	(47,944)	(50,011)	(52,211)
28 Balance At End Of Fiscal Year	\$ 11,032,210	8,593,077	6,997,321	5,428,434	5,547,208	5,770,653	6,007,549	6,258,973	6,526,106	6,810,247	7,112,820
29 Restricted Reserves											
30 Balance At Beginning Of Fiscal Year	\$ 3,000,000	3,000,000	3,000,000	3,000,000	3,065,703	3,065,703	3,468,252	3,468,252	3,591,674	3,591,674	3,937,059
31 Additional Funds:	-	-	-	-	-	-	-	-	-	-	-
32 Debt Service Reserve On New Debt	-	-	-	65,703	-	402,549	-	123,422	-	345,386	-
33 Other Additional Funds	-	-	-	-	-	-	-	-	-	-	-
34 Subtotal	3,000,000	3,000,000	3,000,000	3,065,703	3,065,703	3,468,252	3,468,252	3,591,674	3,591,674	3,937,059	3,937,059
35 Plus: Interest Earnings	7,500	10,500	13,500	16,681	19,927	24,502	26,012	26,475	26,938	28,233	29,528
36 Less: Interest Allocated To Cash Flow	(7,500)	(10,500)	(13,500)	(16,681)	(19,927)	(24,502)	(26,012)	(26,475)	(26,938)	(28,233)	(29,528)
37 Balance At End Of Fiscal Year	\$ 3,000,000	3,000,000	3,000,000	3,065,703	3,065,703	3,468,252	3,468,252	3,591,674	3,591,674	3,937,059	3,937,059

Schedule 11: Long Term Borrowing

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Term (Years)	30	30	30	30	30	30	30	30	30	30	30
Interest Rate	3.50%	4.00%	4.50%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Sources of Funds											
Par Amount	\$ -	-	-	1,010,020	-	6,188,158	-	1,897,300	-	5,309,422	-
Uses of Funds											
Proceeds	-	-	-	924,116	-	5,661,846	-	1,735,932	-	4,857,848	-
Cost of Issuance	2.00% of Par	-	-	20,200	-	123,763	-	37,946	-	106,188	-
Underwriter's Discount	- per \$1,000	-	-	-	-	-	-	-	-	-	-
Bond Insurance	- times total Debt Service	-	-	-	-	-	-	-	-	-	-
Capitalized Interest	- Years Interest	-	-	-	-	-	-	-	-	-	-
Debt Service Surety	0.00% of Debt Service	-	-	-	-	-	-	-	-	-	-
Debt Service Reserve	1 Year(s) of Debt Service	-	-	65,703	-	402,549	-	123,422	-	345,386	-
Other Costs	-	-	-	-	-	-	-	-	-	-	-
Total Uses	-	-	-	1,010,020	-	6,188,158	-	1,897,300	-	5,309,422	-
1 Year Interest	-	-	-	50,501	-	309,408	-	94,865	-	265,471	-
Annual Debt Service	-	-	-	65,703	-	402,549	-	123,422	-	345,386	-
Total Debt Service	-	-	-	1,971,098	-	12,076,457	-	3,702,663	-	10,361,566	-
Cumulative New Annual Senior Lien Debt Service	\$ -	-	-	50,501	65,703	375,111	448,262	543,117	691,674	857,148	937,069

Eighth Order of Business

8A.

RESOLUTION 2019-13

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT APPROVING AN ANNUAL FEE FOR BACKFLOW PREVENTER INSPECTION AND DATA RETENTION FOR CORAL SPRINGS IMPROVEMENT DISTRICT WATER AND SEWER SERVICE CUSTOMERS WITH BACKFLOW PREVENTERS FOR FISCAL YEAR 2019/2020 AND BEYOND; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, Section 51 of Chapter 2004-Laws of Florida, 2004 authorizes the Board of Supervisors of the Coral Springs Improvement District (the "District") to establish rates, fees and other charges for potable water and sewer services to District customers, and

WHEREAS, state law requires an annual inspection of all backflow prevention devices within the District water and sewer system and the retention of inspection data by the District or its contractor; and

WHEREAS, District staff has estimated that the cost per inspection of a backflow prevention device and maintenance of the collected data is twenty (\$20) dollars per device inspection, and

WHEREAS, the District Board of Supervisors conducted a public hearing on the issue of charging an annual fee of twenty (\$20) dollars to District customers for backflow preventer inspections and data retention for each device; and

WHEREAS, the District Board of Supervisors has considered the comments and information provided by District staff and all public comments and has determined that an annual charge of twenty (\$20) dollars for backflow preventer inspection is a fair and equitable way to recoup District costs for the inspection service.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT OF BROWARD COUNTY, THAT:

Section 1. The recitals above are true and accurate and hereby made a part of this Resolution.

Section 2. The annual fee of twenty (\$20) dollars for the inspection and data collection for each backflow prevention device within the district water and sewer service system is a fair and equitable fee for the services provided.

Section 3. This resolution shall take effect upon passage by the Board of Supervisors of the Coral Springs Improvement District.

Passed and adopted this 16th day of September, 2019 by the Board of Supervisors of the Coral Springs Improvement District, Broward County, Florida.

Martin Shank, President

Kenneth Cassel, Assistant Secretary

APPROVED AS TO FORM:

Terry E. Lewis, District Attorney

8B.

ANNUAL SUBSCRIPTION AGREEMENT

Effective this _____ day of _____, 2019, Backflow Solutions, Inc., an Illinois corporation ("BSI") and Coral Springs Improvement District of Florida (the "District") hereby enter into an online subscription agreement whereby BSI will perform certain notification and data management functions on behalf of Coral Springs Improvement District. The District will provide BSI with the information described hereafter and require that all companies that perform mandated backflow assemblies' tests within the District be directed to the BSI website to enter the result of each Backflow Test performed within the District Jurisdiction.

1. **BSI Responsibilities.** In addition to any other responsibilities set forth elsewhere in this agreement, BSI shall, through the use of its proprietary software, BSI Online.

a. Maintain the secure Online Database to insure a functional backflow assembly tracking system that is easy to understand and use by licensed testers. BSI shall also maintain an internet website where testers shall input all data related to Backflow Tests they conduct within the District's jurisdiction.

b. Send up to two (2) notices to water customers that have Assemblies, advising them that their Assembly is due for testing. To facilitate the testing procedure, the Test Due Notice will include the identity of the water customer's last Tester of record, together with all relevant contact information, if information is available to BSI. At the time the Test Due Notice is mailed to the water customer, BSI will also transmit a notice to the last Tester of record advising that Tester that the water customer's assembly is due to be tested. The Tester Notification is designed to increase test compliance, thereby reducing enforcement costs incurred by The District.

- i. The "Test Due Notice" shall be mailed approximately 30 days prior to the scheduled test date.
- ii. The "Overdue Notice" shall be sent 1 day after the Test Date has passed if Backflow Test results have not been entered to the Online Data Base. The Overdue Notice will advise the water customer of its delinquent test status.

c. BSI shall immediately transmit an electronic copy of each Test Report to the Municipality.

2. **Inducement.** The District acknowledges and agrees that in order to induce BSI to provide the service contemplated by this Agreement, for each Test Report submitted to the Online Data Base the Data Entry Charge (**\$20.00 per report**) shall be paid (by the "tester") prior to uploading the test data to the Online Data Base. **Additional cost added to the \$12.95 will be rebated back to the municipality less a 3% credit card processing fee on a monthly basis.**

3.

4. **Cost.** The District shall pay BSI the sum of \$495.00 per calendar year as the annual "Subscription Fee".

5. **Termination.** If you wish to discontinue services provided by BSI we require 30 days written notice.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first set forth above.

BACKFLOW SOLUTIONS, INC.,
An Illinois corporation

By: Melissa Joyce

Name: Melissa Joyce
Title: Sales & Marketing Associate
Address:
12609 South Laramie Ave.
Alsip, Illinois 60803

a body politic and corporate

By: _____

Name: _____
Title: _____
Address: _____

Ninth Order of Business



**DEVELOPMENT
CORPORATION**

1701 N.W. 22nd Court
Pompano Beach, Florida 33069
(954) 971-2288
Fax (954) 971-0030

September 6, 2019

Mr. David McIntosh
Director of Utilities
Coral Springs Improvement District
10300 NW 11th Manor
Coral Springs, FL 33071

Ref: Lift Stations 2, 5 & 14

Dear Mr. McIntosh,

All elements of the repairs work on lift stations 2, 5 & 14 have been completed. No additional invoices will be submitted for those projects.

Please consider this letter as our request for Change Orders on the respective lift stations as follows:

TRIO DEVELOPMENT

LS #	PURCHASE ORDER	CONTRACT AMOUNT APPROVED	PAID W/O	FINAL CHANGE ORDER	FINAL CONTRACT AMOUNT
		A	B	= A - B	
2	1900609	131,276.25	122,330.28	(8,945.97)	122,330.28
5	190610	128,956.25	125,363.68	(3,592.57)	125,363.68
14	1901099	151,916.09	137,614.96	(14,301.13)	137,614.96

Thank you for the opportunity to work for you and if we can provide you with any further, please do not hesitate to call.

Thank you,

Larry Shortz

Trio Development Corp.

Tenth Order of Business

10B.

Globaltech, Inc.
CSID Engineer's Report
September 16, 2019

PROJECTS UNDER CONTRACT

WA #131- HSP 7 Modifications – Closeout

- Approved by Board – 1/22/18
- Project complete.

WA #133 - Facility Arc-Flash Study – In Progress

- Revised Draft Report submitted 10/30 – under review.
- Conditional Assessment submitted 11/16 – under review.
- Vulnerability Assessment delivered 11/28.
- Delivered Final Report 5/08/19
- Globaltech to prepare an amendment to Final Report addressing 4 off site wells
- Completion by end of September

WA#137 – High Service Pump 1 & 2 Improvement – in Progress

- Approved by Board – 3/21/19
- Pump 1 returned to service.
- All valves installed
- Pump 2 removed and transported to Hudson Pump for rehabilitation.
- Completion date – 3/01/20

WA #139 – Generator Diesel Fuel Line Replacement – In Progress

- Approved by Board – 4/26/18
- Permit application submitted week of 2/09/19.
- Permit issued 5/08/19
- Piping complete. Waiting for part for level sensor.
- Environmental closeout performed.
- Completion Date 9/20/19

WA #140 – Dual Zone Monitor Well Construction – Closeout

- Approved by Board – 6/18/18
- MW-4 completed 6/06/19.
- YBI abandonment of monitoring tubes 7/17/19
- Well Construction Report and O&M Manual submitted 9/05/19
- DEP Inspection conducted 9/06/19
- Addressing punch list items

Globaltech, Inc.
CSID Engineer's Report
September 16, 2019

PROJECTS UNDER CONTRACT (Cont.)

WA #141 – Plant D Repair – In Progress

- Approved by Board – 4/26/18
- Mechanical equipment (rake arm, center column, center cage, and drive) delivered & installed.
- Mechanical startup 7/20/19
- Coating completed and waiting 18 days to cure – 9/16/19
- Minor work required to complete diffusers.
- Startup scheduled – mid September

WA #143 – Site 12 Canal Bank Restoration – Closeout

- Approved by Board 6/18/18
- Restoration work completed 11/02/18
- Homeowner fence completed August 2019

WA#152 – Deep Injection Well Operating Permits – Closeout

- Approved by Board 11/26/18
- Final permit will be issued in September
- Completion date – 9/30/19

WA#156 – Production Well 8 Redevelopment – Closeout

- Well returned to service by 7/05/19
- Project Complete
- Addressing restoration activities with Parks Department

WA#162 – Production Well 9 VFD and Electrical Improvements – In Progress

- Approved by Board 8/19/19

WA#163 – Production Well 5 Redevelopment – In Progress

- Approved by Board 8/19/19

Work Authorizations Under Development

WA#159 – High Service Pump 7 Low Pressure Auto-start – Under development

WA#164 – High Service Pump Building Drainage Improvements – Under development

10C.



September Report to the Board of Supervisors for the Water Plant

Report Includes Updates through 9/4/2019

High service pump 7 motor replacement (WA 159)

Globaltech and the pump supplier installed the new pump on 5/31. The pump is performing as expected although the motor did experience a small oil leak and we are obtaining quotes now for the repair. After evaluating the age of the motor (26yrs old) it is looking like it makes more sense to replace it than to add the auto start components that we were looking at and budgeted for. This is a key tool in avoiding precautionary boil water notices. Being presented at this month's meeting is a Work Authorization from Globaltech for the replacement of this motor. This involves a new motor, pedestal, auto clutch, exhaust, radiator, and control panel. It will function similarly to the pump we rented to get us through the automatic transfer switch panel replacement project. This project is budgeted for.

Automatic Transfer Switch Failure

A new ATS panel was ordered and has been installed by Globaltech due to an unreparable failure in our old panel. The estimated total cost for this replacement is \$147,000. We also rented a temporary diesel engine driven high service pump which automatically starts up and pumps water out to the District during any low pressure scenarios. This has already run on several occasions and has performed as expected. The estimated total cost for this setup is \$56,000.

Four million gallon tank repairs (WA 158)

Crom has finished all of the contracted work on this tank as well as the safety railing on the other two. In our opinion this project is complete however Crom has requested additional funding from Globaltech for work they feel was beyond their scope. We disagree and are going back and forth on this now.

Diesel line replacement (WA 139)

This project is almost complete. Globaltech and Cypress Construction plan to have the line tested and project completed by the week of 9/9. There are some final closeout reports that need to be completed for the county which Globaltech and Cypress will handle.

High service pumps 1&2 impellar replacement (WA 137)

This project is moving along nicely and is ahead of schedule. HSP 1 was sent out and refurbished with a new larger impeller installed and has already been returned to us and placed back in service. It is performing very well as expected thus far. HSP 2 was removed on 9/5 and sent back to the factory to have the same work performed on it. Once it is shipped back to us and installed this project will be closed out.

South Florida Water Management District site visit

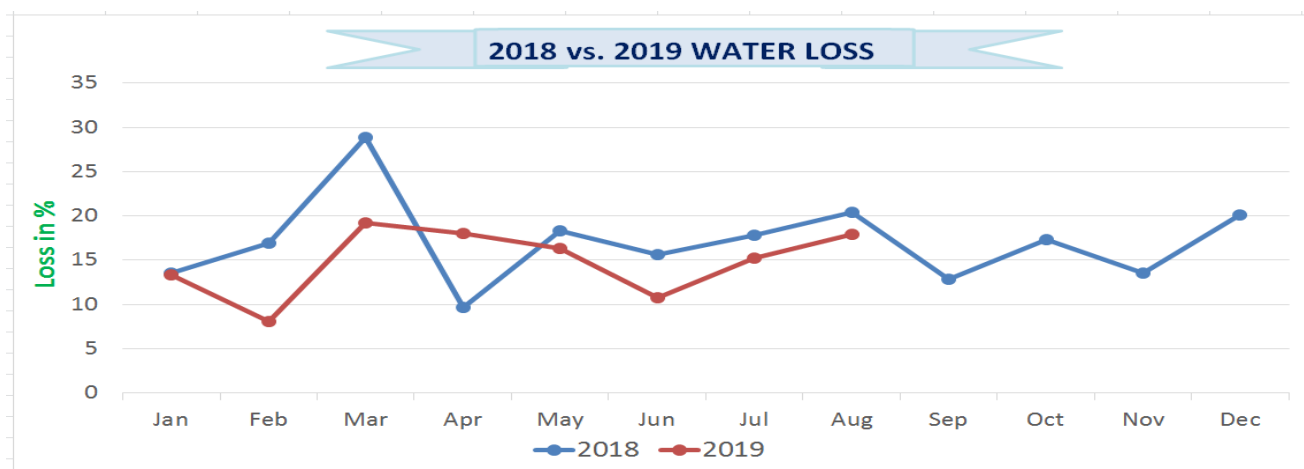
On 8/21 an inspector from SFWMD stopped by to discuss our permit and review our compliance with it thus far. He stated that we are in 100% compliance with the conditions outlined in our permit. He commended us on our efforts to reduce water loss stating that we have obviously made a huge improvement. He did of course let us know that he wants to see us under the 10% threshold.

Projects with Globaltech

- Replacement of high service pump building automatic transfer switch. Completed
- Well 5 rehab- WA 163 presented at August meeting. Underway
- High service pump #7 auto start at low pressure- WA 159 to be presented in September
- Replacement of high service pumps 1&2's impellers- WA 137 approved in March. Underway
- Underground diesel tank transfer lines upgrade- WA 139 approved in April 18. Completed
- 4 million gallon storage tank repairs- WA 158 approved in March. Completed
- Well 8 rehabilitation- WA 156 approved in December. Amendment approved in February. Completed
- Relocation of post treatment injection points- Avoided
- Mitigation of draining issues near HSP building- WA to be presented in October
- Installation of a VFD on well 9- WA 162 approved in August. Underway

Water Loss

The graph below compares the water loss % in 2018 vs 2019. So far this year we are at an average of 13.69% loss and the goal is to be below 10% by the end of December. At the end of August last year we were at an average of 16.40% so we are still on track to be in much better shape than last year.



Wastewater Plant Operations August 2019

Monthly Influent average Flow for August was 5.150 MGD.

Monthly Concentrate average flow for August was 0.69 MGD.

Completed Injectivity Test on IW #1 and IW #2.

Corrective and preventive maintenance in all plants.

Ongoing Projects

- 1) MW #4 – Still waiting for Global Tech to close this out. Still need all final reports, testing results, labeling of MW valves, meters and switches and punch out list for SCADA completed.**
- 2) Plant D – Still waiting for Global Tech to close this out. Still waiting for finish coating on floor and platform for ladder entry to be completed.**



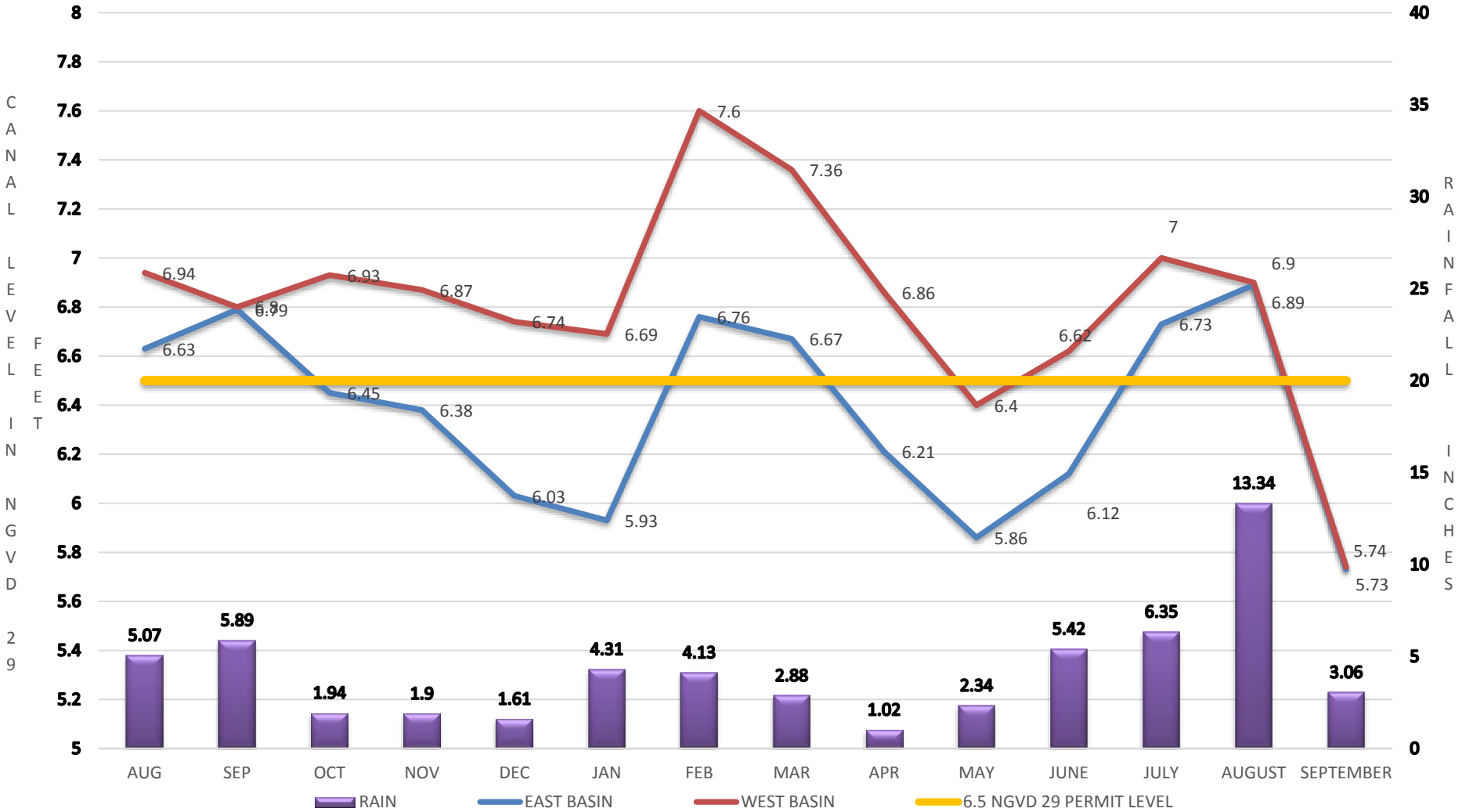
Coral Springs Improvement District

Drainage Report September 16, 2019

Board of Supervisors Meeting

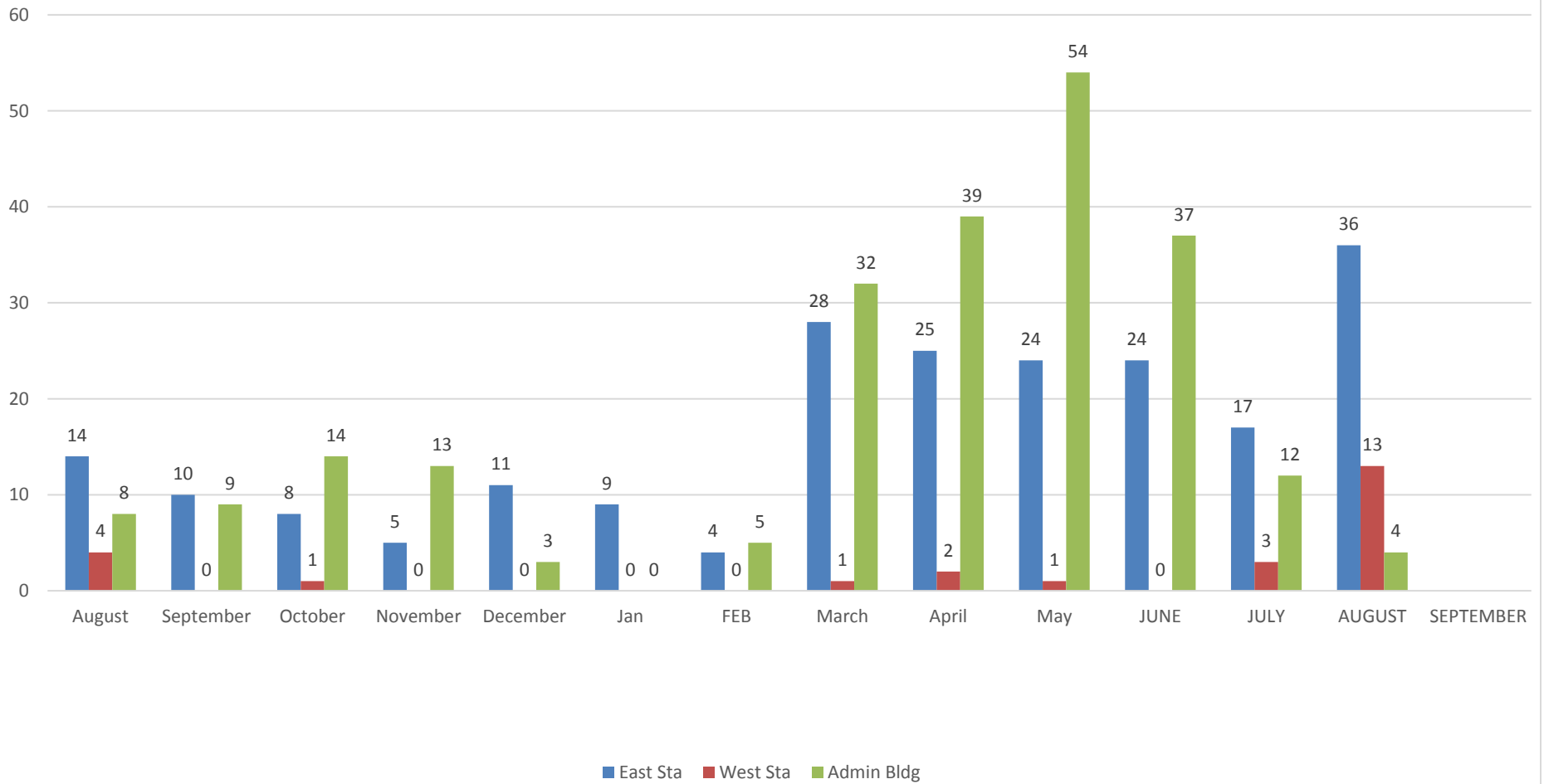
- Current canal levels averages are 5.73 NGVD 29 in the east basin and 5.74 NGVD 29 in the west basin as of this report. The elevation average is lower than normal in response to the potential effects of Hurricane Dorian's approach to the SE coast of Florida and our District. The expectation is the canal levels will return to normal levels by the time of the Board meeting.
Total rainfall recorded for **August** was **13.34** inches.
Rainfall recorded for September is 3.06 inches at the time of this report
Rainfall recorded to date for the year is 42.85 inches at the time of this report
- Department staffing is back to full. We will resume normal field activities and schedule of spraying as weather permits.

AVG. BASIN LEVEL AND TOTAL RAINFALL



Iguana Management: AUGUST 2018 through AUGUST 2019

Iguana's controlled





Coral Springs Improvement District
10800 N.W. 11TH Manor Coral Springs, Fl. 33071

Water Distribution and Wastewater Collection

Department Report

9-16-19 board Meeting

Prepared by: Curtis Dwiggin

- There were only 6 repaired water service breaks in the month of August.
- Trio Development Corp has submitted a letter, returning 14,301.13 from the budgeted amount, as the project came in under budget
- The Field Department has ordered two 56KW portable generators from the FSA cooperative purchasing program, as approved at the last board meeting
- The field department has taken delivery of our GMC Sierra 2500 Utility vehicle. It is scheduled for stripes, Lights and bed liner from local vendors.
- From last month's meeting, the consideration to BSI online Backflow System is back on the agenda.



Coral Springs Improvement District
10800 N.W. 11TH Manor Coral Springs, FL 33071

Maintenance Department Report (Pedro V.)

Water Department:

- Supervise the transfer switch works installation in HSP Building and some problem with the HSP MCC room A/C unit was fixed.
- Hurricane preventive preparations.
- The process room cooling fan recirculation system was fixed, all cooling fans are working in automatic mode.
- Replace the operation push bottom for the south gate in the Process Room and set the door operation.
- Normal PM in equipment.

Wastewater Department:

- PM and lubrication in different equipment and blowers oil replacement.
- Works for the hurricane preventive preparations.
- Works in the yard waste water pumping station, the submersible pump and its accessories were replaced for new one.
- Troubleshooting in different electrical equipment and solving the situations.
- Assisting Delta Control for the fixed of oxygen sensors in Plant E and F.

Field Department:

- Hurricane preparations helping.

Drainage Department

- Helping Shawn with the pumping station outside lights and replacing the timer.
- Sunshine was assisted in the detection and readings to check the status of a 200 HP engine if it was burned or not.