

Emerald Coast Utilities Authority, FL

¹ Emerald Coast Utilities Authority (Florida) Utility System Refunding Revenue Bonds, Series 2015, \$52,285,000, Dated: October 5, 2015

Series 2015

Potable Water Supply Raw Water Withdrawals

<u>Fiscal Year</u>	<u>Average Day Withdrawals (MGD)</u>			<u>Maximum Monthly Withdrawals (MG/Month)</u>		
	<u>Actual</u>	<u>Permitted</u>	<u>Percent</u>	<u>Actual</u>	<u>Permitted</u>	<u>Percent</u>
2016	31.34	42.70	73.40%	1,179.47	1,918.00	61.49%

Series 2015

Water Treatment Capacity Utilization

<u>Fiscal Year</u>	<u>Average Daily Demand (MGD)</u>	<u>Maximum Daily Demand (MGD)</u>	<u>Design Capacity (MGD)</u>	<u>Average Daily Demand Capacity Utilization</u>	<u>Max Daily Demand Capacity Utilization</u>
2016	31.95	44.68	70.06	45.60%	63.77%

Series 2015

Unaccounted for Water

<u>Fiscal Year</u>	<u>Finished Water Produced (gallons/year)</u>	<u>Unaccounted for Water (gallons/year)</u>	<u>Variance % for Unaccounted for Water</u>
2016	11,472	786	6.85%

Series 2015

CWRF Wastewater Treatment Plant Capacity Utilization

<u>Fiscal Year</u>	<u>Annual Average Day & Three-Month Average Daily Flows (MGD)</u>	<u>Permitted Capacity (MGD)</u>	<u>Annual Average Day & Maximum Three-Month Average Daily Flows Capacity Utilization</u>
2016	14.81 / 14.88	22.50	65.84% / 66.13%

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BMWRF Wastewater Treatment Plant Capacity Utilization

<u>Fiscal Year</u>	Annual Average Day & Three-Month Average Daily <u>Flows (MGD)</u>	Permitted <u>Capacity (MGD)</u>	Annual Average Day & Maximum Three-Month Average Daily Flows <u>Capacity Utilization</u>
2016	5.99 / 5.86	8.2	73.08% / 71.41%

Series 2015

PBWWTW Wastewater Treatment Plant Capacity Utilization

<u>Fiscal Year</u>	Annual Average Day & Three-Month Average Daily <u>Flows (MGD)</u>	Permitted <u>Capacity (MGD)</u>	Annual Average Day & Maximum Three-Month Average Daily Flows <u>Capacity Utilization</u>
2016	1.01 / 1.16	2.4	42.03% / 48.29%

Series 2015

Water Account and Billed Usage

<u>Fiscal Year</u>	<u>Billed Accounts</u>		<u>Billed Usage</u>	
	<u>Accounts</u>	<u>ERC</u>	<u>Total (MG/Year)</u>	<u>Average per Account (Gal/Month)</u>
2012	90,312	101,056	10,636	9,814
2013	91,049	101,881	9,838	9,004
2014	91,918	102,854	10,217	9,263
2015	91,081	101,926	10,262	9,389
2016	92,631	103,660	10,533	9,476
Average Annual Growth	0.64%	0.64%	-0.14%	-0.77%

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Wastewater Account and Billed Usage History

<u>Fiscal Year</u>	<u>Billed Accounts</u>		<u>Billed Usage</u>	
	<u>Accounts</u>	<u>ERC</u>	<u>Total (MG/Year)</u>	<u>Average per Account (Gal/Month)</u>
2012	67,163	73,880	6,807	8,446
2013	68,277	75,105	6,751	8,240
2014	69,674	76,641	6,955	8,319
2015	69,526	76,479	6,777	8,123
2016	71,290	78,420	6,894	8,059
Average Annual Growth	1.51%	1.51%	0.34%	-1.16%

Series 2015

Principal Water and Wastewater Customers

Fiscal Year Ended September 30, 2016

<u>Customer Name</u>	<u>Water Sales in MGY</u>	<u>Annual Revenue</u>		
		<u>Water</u>	<u>Sewer</u>	<u>Total</u>
NAVFAC SE (NAS PCOLA)	-	\$ -	\$ 2,198,978.00	\$ 2,198,978.00
NAVFAC SE (CORRYSTATION SW)	-	-	957,806	957,806
Pall Gellman Sciences	81	191,816	462,511	654,327
Baptist Hopsital	68	184,685	446,661	631,346
Portofino Island Resort	55	242,694	332,847	575,541
Escambia County Jail	63	151,948	390,893	542,841
Sacred Heart Hospital	35	103,451	233,885	337,336
Escambia Housing	35	95,230	241,914	337,144
University of West Florida	-	567	303,731	304,298
Pensacola Christian College	32	85,843	188,990	274,833
DM Oakwood Terrace	29	70,409	202,298	272,707
Columbia West Florida Regional Medical Center	26	67,775	181,180	248,955
U.S. Navy-Saufley Field	30	68,143	179,018	247,161
Area Housing	22	63,456	155,501	218,957
Azalea Trace Inc.	21	53,730	149,792	203,522
				-
TOTAL	497.6	\$ 1,379,747	\$ 6,626,005	\$ 8,005,752

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Statement of Debt Service Coverage For Water and Wastewater

Fiscal Year Ended September 30,

	<u>2016</u>
Gross Revenues	
Wastewater User Charges	\$ 50,410,216
Water User Charges	37,971,317
Sewer Improvement Fees	5,858,768
Other Operating Revenue	2,236,208
Charges for Overhead	585,300
Subtotal	\$ 97,061,809
Investment Income	1,223,257
Federal Direct Payments	694,943
Total Gross Revenues	\$ 98,980,009
Operating Expenses	82,705,694
Less:	
Depreciation and Amortization	25,577,112
Adjusted Operating Expenses	57,128,582
Net Revenue	\$ 41,851,427
Bond Service Requirement Parity Obligations	\$ 27,810,012
Debt Service Coverage (Minimum = 1.25)	1.50
Net Revenues less Bond Service Requirement and Coverage Requirement	\$ 7,088,912
Annual Payment from City of Pensacola	1,300,000
Amount Available for Subordinate Debt Service	\$ 8,388,912
Subordinate Debt Service	\$ 5,639,473
Subordinate Debt Service Coverage (Minimum = 1.15)	1.49
Total Debt Service Coverage (All Debt)	1.29
Net Revenues less Total Debt Service	\$ 9,701,942
Other Expenditures and Transfers	
Transfer to Reserve Account	-
Transfer to Renewal and Replacement Fund	1,000,000
Capital Leases	1,270,442
Extraordinary Expenditures	-
Anticipated Reimbursements	-
Amount Available for Other Purposes	\$ 7,431,500

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Series 2015

Rates and Charges

<u>Fiscal Year</u>	<u>Rate Increase</u>
2016	3%

Series 2015

Mainland Water Rates

<u>Single-Family Residential Water:</u>	<u>Effective Oct. 1, 2016</u>
Minimum Charge:	
Lifeline rate (includes 6,000 gallons only, additional consumption at the current rate)	<u>9.98</u>
Other Single-Family Residential	<u>11.59</u>
Volume Charge (per thousand gallons)	<u>2.37</u>

Multi-Family Residential/Commercial Water:

Minimum Charge:	
Meter Size	
1" or less	<u>14.48</u>
1-1/2"	<u>52.69</u>
2"	<u>79.12</u>
3"	<u>149.44</u>
4"	<u>228.61</u>
6"	<u>448.40</u>
8"	<u>712.23</u>
10"	<u>1,019.95</u>
Volume Charge (per thousand gallons)	<u>2.37</u>
All Irrigation Meters and Sub-Meters (per thousand gallons)	<u>2.37</u>

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Mainland Wastewater Rates

<u>Single-Family Residential Wastewater:</u>	<u>Effective Oct. 1, 2016</u>
Minimum Charge:	
Lifeline rate (includes 6,000 gallons only, additional consumption at the current rate)	<u>12.85</u>
Other (includes 2,000 gallons in minimum rate)	<u>13.19</u>
Volume Charge (per thousand gallons)	<u>7.19</u>

Commercial Wastewater:

Minimum Charge (includes 2,000 gallons in minimum rate)	<u>13.19</u>
Volume Charge (per thousand gallons)	<u>7.19</u>

Series 2015

Pensacola Beach Water Rates

<u>Single-Family Residential Water:</u>	<u>Effective Oct. 1, 2016</u>
Lifeline rate (includes 6,000 gallons only, additional consumption at the current rate)	<u>22.98</u>
Other Single-Family Residential (includes townhouses, condominiums, condo/hotels and apartments)	
Up to 4,000 gallons per unit (minimum)	<u>24.13</u>
Over 4,000 gallons per unit (per thousand gallons)	<u>3.49</u>

Motels/Hotels:

Up to 4,000 gallons per unit (minimum)	<u>18.61</u>
Over 4,000 gallons per unit (per thousand gallons)	<u>3.98</u>

Other Commercial Customers:

5/8"x3/4" (meter-minimum 10,000 gallons)	<u>55.76</u>
1" (meter-minimum 20,000 gallons)	<u>111.48</u>
1-1/2" (meter-minimum 30,000 gallons)	<u>167.21</u>
2" (meter-minimum 40,000 gallons)	<u>222.95</u>
3" (meter-minimum 50,000 gallons)	<u>278.70</u>
4" (meter-minimum 60,000 gallons)	<u>333.58</u>
5" (meter-minimum 70,000 gallons)	<u>390.06</u>
6" (meter-minimum 80,000 gallons)	<u>445.90</u>
Over minimum (per thousand gallons)	<u>4.21</u>

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Irrigation:

Minimum Charge:

Meter Size

1" or less	14.48
1-1/2"	52.69
2"	79.12
3"	149.44
4"	228.61
6"	448.40
8"	712.23
10"	1,019.95

Volume Charge (per thousand gallons):

Single-Family Residential (includes townhouses, condominiums, condo/hotels and apartments)	3.49
Motels/Hotels	3.98
Other Commercial Customers	4.21

Series 2015

Pensacola Beach Wastewater Rates

<u>Single-Family Residential Water:</u>	<u>Effective Oct. 1, 2016</u>
Lifeline rate	32.38

Other Single-Family Residential (includes townhouses, condominiums, condo/hotels and apartments)

Up to 3,000 gallons per unit (minimum)	34.04
Next 7,000 gallons per unit (per thousand gallons)	4.07
Over 10,000 gallons per unit (per thousand gallons)	2.28

Motels/Hotels:

Up to 3,000 gallons per unit (minimum)	25.68
Over 3,000 gallons per unit (per thousand gallons)	4.26

Other Commercial Customers:

5/8"x3/4" (meter-minimum 10,000 gallons)	102.07
1" (meter-minimum 20,000 gallons)	204.10
1-1/2" (meter-minimum 30,000 gallons)	306.20
2" (meter-minimum 40,000 gallons)	408.21
Over minimum (per thousand gallons)	7.09

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Single-Family Sewer Improvement Fees Residential Customers

Fiscal Year Ended September 30, 2016

<u>Average Gallons Used per Month</u>	<u>Monthly Charge</u>
Lifeline (less than 6,000 gallons)	\$ 2.00
Up to 3,000	\$ 2.00
3,001 - 4,000	\$ 3.50
4,001 - 5,000	\$ 5.00
5,001 - 10,000	\$ 5.50
10,001 - 12,000	\$ 6.50
12,001 and up	\$ 7.50

Series 2015

**Other Than Single-Family Sewer Improvement Fees
Residential Customers**

Fiscal Year Ended September 30, 2016

<u>Average Gallons Used per Month</u>	<u>Monthly Charge</u>
Up to 3,000	\$ 7.00
3,001 – 15,000	\$ 10.00
15,001 – 30,000	\$ 25.00
30,001 – 50,000	\$ 50.00
50,001 – 100,000	\$ 100.00
100,001 – 200,000	\$ 200.00
200,001 – 500,000	\$ 300.00
500,001 and up	\$ 500.00

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**Comparison of Residential Bills With Other Communities
 (6,000 Gallons)**

Fiscal Year Ended September 30, 2016		
<u>Utility</u>	<u>Amount</u>	
Navarre Beach	\$	85.67
Authority - Pensacola Beach	\$	30.21
Panama City	\$	22.05
Authority - Mainland	\$	25.05
City of Gulf Breeze	\$	32.16
Okaloosa County	\$	36.30
Mobile Area Water and Sewer Syst	\$	28.35
Pace Water System	\$	26.55
City of Chipley	\$	21.84
City of Crestview	\$	16.80
City of Milton	\$	25.75