

Community Planning Pages

The intent of these pages is to assist counties and municipalities as they amend their comprehensive plans to update the 10-Year Water Supply Facilities Work Plans (Work Plans) required by subsection 163.3177(6)(c), F.S. The pages provide data in a concise format that may be used by a local government to complete an updated Work Plan. Communities are not obligated by statute or rule to use these data; however, these pages reflect an effort to bridge two distinct but complimentary programs, the first being the Department of Economic Opportunity requirement for local governments to complete Work Plans and the second being the Department of Environmental Protection requirement for water management districts to complete Regional Water Supply Plans. The data included in these pages are collected and compiled by the District for use in a variety of District programs, including the review of community water supply planning documents. The explanation below describes the nature, source and intended use of the data provided in the community planning pages.

DEFINITION OF TERMS

Demand Analysis	
Municipal Population Served	That portion of the utility service area population that is within the municipal boundary.
Municipal Demand (MGD)	The above population multiplied by the utility's Average Unadjusted Gross Per Capita Water Use. <i>(Municipal Population Served x Utility Gross Per Capita Water Use)</i>
Total Utility Service Area Population	The total population within the utility service area
Total Utility Service Area Demand (MGD)	The above population multiplied by the utility's Average Unadjusted Gross Per Capita Water Use. <i>(Utility Population Served x Utility Gross Per Capita Water Use)</i>
County Population Served	That portion of the utility service area population that is within the unincorporated county boundary.
County Demand (MGD)	The above population multiplied by the utilities Average Unadjusted Gross Per Capita Water Use. <i>(Unincorporated County Population Served x Utility Gross Per Capita Water Use)</i>
Domestic Self Supply Population	The community population not served by a utility.
Domestic Self Supply Demand (MGD)	The above population multiplied by the estimated Unadjusted Gross Per Capita Water Use. <i>(DSS Population x Gross Per Capita Water Use)</i>
Municipal Population	Total population within the municipal boundary.
Municipal Per Capita Water Use	The population weighted mean per capita of utilities serving within the municipality. Could be used as a jurisdictional potable water LOS.
County Population	Total population within the unincorporated county boundary.
County Per Capita Water Use	The population weighted mean per capita of utilities serving within the unincorporated county. Could be used as a jurisdictional potable water LOS.
Total Demand (Municipal)	Total water use demands of the municipal population.
Total Demand (County)	Total water use demands of the unincorporated county population.
Total Demand (Utilities)	Total water use demands of all total utility service area populations.
Supply Analysis	
Total Utility WUP Quantities	The total water use permit quantities for the utilities serving the community.
Total Domestic Self Supply	Current estimated Domestic Self Supply withdrawals within the community boundary.
Water Supply Authority WUP Quantities	The total permitted capacity of the serving water supply authority.

Population data is derived from a District geographic information system (GIS) based model which projects population fluctuation at the census block level, distributes the projections to parcels within each block, then normalizes the projections to BEBR medium county level data. Demands are calculated using a five year average of Per Capita Water Use statistics as published in the 2020 – 2040 Regional Water Supply Plan. The Water Use Permit (WUP) information comes from the District's Water Management Information System (WMIS) database which is available at WaterMatters.org. Information regarding future source options is derived from the 2020 – 2040 Regional Water Supply Plan. "Multiple" entries indicated those source options that could be developed by more than one government or agency. For additional information about these Community Planning Pages, please contact Trisha Neasman or Jim Golden at 1-800-423-1476.

Notes and Disclaimers

- The Demand Analysis projections are intended solely for use by local governments in developing 10-Year Water Supply Facility Work Plans and related updates required under subsection 163.3177(6)(c), Florida Statutes. They are for planning purposes only and should not be construed to be a commitment by the District for issuance of a Water Use Permit.
- The conservation yields provided under the Future Source Options heading are based entirely on the region's overall percent reduction in demand. It is important to note that, in the regional model, water use data used on each parcel is randomly assigned and is based on average load profiles of use for all of the utilities in the region. Consequently, individual utilities could have significantly more or less conservation potential based on actual water use and real local customer base.
- Under the Future Source Options heading, if a regional water supply authority is listed as the responsible entity, or there are multiple responsible entities, the potential yield is typically for the benefit of more than one local government. Consequently, individual local governments should not assume they are entitled to the entire potential yield.

SOUTHERN PLANNING REGION

CHARLOTTE COUNTY (UNINCORPORATED WITHIN SWFWMD)

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CHARLOTTE COUNTY UTILITIES (3522)							
County Population Served	7,406	8,128	8,773	9,327	9,820	3.172	61
Demand (MGD)	0.450	0.494	0.533	0.567	0.597		
Total Utility Service Area Population	7,406	8,128	8,773	9,327	9,820		
Demand (MGD)	0.450	0.494	0.533	0.567	0.597		
CHARLOTTE COUNTY UTILITIES (7104) (SUPPLIED THROUGH PRMRWSA)							
County Population Served	136,795	145,437	152,968	159,478	165,556	0.000	78
Demand (MGD)	10.712	11.388	11.978	12.488	12.964		
Total Utility Service Area Population	136,795	145,437	152,969	159,479	165,556		
Demand (MGD)	10.712	11.388	11.978	12.488	12.964		
CHARLOTTE HARBOR WATER ASSOC. (1512)							
County Population Served	3,987	4,455	4,874	5,237	5,570	0.910	83
Demand (MGD)	0.332	0.371	0.406	0.436	0.464		
Total Utility Service Area Population	3,987	4,455	4,874	5,237	5,570		
Demand (MGD)	0.332	0.371	0.406	0.436	0.464		
CITY OF PUNTA GORDA UTILITY DEPT (871)							
County Population Served	14,997	16,018	16,868	17,659	18,332	8.088	119
Demand (MGD)	1.785	1.907	2.008	2.102	2.182		
Total Utility Service Area Population	37,512	39,216	40,588	41,660	42,461		
Demand (MGD)	4.465	4.668	4.831	4.959	5.054		
EL JOBEAN WATER ASSOC. (99913) (SUPPLIED THROUGH CHARLOTTE COUNTY)							
County Population Served	1,473	1,501	1,529	1,553	1,572	NA	104
Demand (MGD)	0.153	0.156	0.159	0.161	0.163		
Total Utility Service Area Population	1,473	1,501	1,529	1,553	1,572		
Demand (MGD)	0.153	0.156	0.159	0.161	0.163		
ENGLEWOOD WATER DISTRICT (4866)							
County Population Served	15,035	15,538	16,366	16,288	16,315	5.360	68
Demand (MGD)	1.026	1.061	1.117	1.112	1.114		
Total Utility Service Area Population	39,601	41,480	44,275	45,368	46,736		
Demand (MGD)	2.703	2.831	3.022	3.097	3.190		
GASPARILLA ISLAND WATER ASSOC. (718)							
County Population Served	6,438	6,497	6,553	6,605	6,658	1.538	184
Demand (MGD)	1.183	1.193	1.204	1.213	1.223		
Total Utility Service Area Population	6,438	6,497	6,553	6,605	6,658		
Demand (MGD)	1.183	1.193	1.204	1.213	1.223		
HOMEOWNERS OF ALLIGATOR PARK (8626)							
County Population Served	915	915	915	915	915	0.055	86
Demand (MGD)	0.079	0.079	0.079	0.079	0.079		
Total Utility Service Area Population	915	915	915	915	915		
Demand (MGD)	0.079	0.079	0.079	0.079	0.079		
RIVERWOOD DEVELOPMENT (99916) (SUPPLIED THROUGH CHARLOTTE COUNTY)							
County Population Served	2,579	2,692	2,801	2,894	2,969	NA	104
Demand (MGD)	0.268	0.280	0.291	0.301	0.309		
Total Utility Service Area Population	2,579	2,692	2,801	2,894	2,969		
Demand (MGD)	0.268	0.280	0.291	0.301	0.309		
DOMESTIC SELF SUPPLY							
Population Served	8,295	9,137	9,872	10,518	11,087	63	
Demand (MGD)	0.524	0.577	0.623	0.664	0.700		

COUNTY POPULATION	197,920	210,318	221,521	230,474	238,795	83	*
TOTAL DEMAND (COUNTY)	16.512	17.506	18.398	19.123	19.794		
TOTAL DEMAND (UTILITIES)	20.345	21.461	22.503	23.301	24.043		

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS

EXISTING SOURCES

	<i>CURRENT YIELD (MGD)</i>
Total Permitted Quantities	19.123
Water Supply Authority Quantities	16.100
<i>Total Current Yield</i>	35.223

FUTURE SOURCE OPTIONS

	<i>2040 POTENTIAL YIELD (MGD)</i>	<i>RESPONSIBLE ENTITY</i>
Conservation	1.335	Charlotte County
Reclaimed	4.020	Charlotte County/Englewood
Surface Water	29.500	PRMRWSA
Brackish Groundwater	5.500	PRMRWSA
Groundwater	TBD	Charlotte County

SOUTHERN PLANNING REGION

CITY OF PUNTA GORDA

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CITY OF PUNTA GORDA UTILITY DEPT (871)							
Municipal Population Served	22,515	23,198	23,720	24,001	24,128	8.088	119
Demand (MGD)	2.680	2.761	2.823	2.857	2.872		
Total Utility Service Area Population	37,512	39,216	40,588	41,660	42,461		
Demand (MGD)	4.465	4.668	4.831	4.959	5.054		
DOMESTIC SELF SUPPLY							
Population Served	5	5	5	5	5	63	
Demand (MGD)	0.000	0.000	0.000	0.000	0.000		
MUNICIPAL POPULATION	22,515	23,198	23,720	24,001	24,128	132	
TOTAL DEMAND (MUNICIPAL)	2.680	2.762	2.824	2.857	2.872		
TOTAL DEMAND (UTILITIES)	4.465	4.668	4.831	4.959	5.054		

SUPPLY ANALYSIS

EXISTING SOURCES

	<i>CURRENT YIELD (MGD)</i>
Total Permitted Quantities	8.088
Total Current Yield	8.088

FUTURE SOURCE OPTIONS

	<i>2040 POTENTIAL YIELD (MGD)</i>	<i>RESPONSIBLE ENTITY</i>
Conservation	0.194	City of Punta Gorda
Reclaimed	2.240	City of Punta Gorda
Surface Water	29.500	PRMRWSA
Brackish Groundwater	5.500	PRMRWSA

SOUTHERN PLANNING REGION

DESOTO COUNTY (UNINCORPORATED)

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CITY OF ARCADIA (4725)							
County Population Served	2,848	2,865	2,884	2,903	2,913	1.093	80
Demand (MGD)	0.227	0.228	0.230	0.231	0.232		
Total Utility Service Area Population	10,088	10,158	10,244	10,323	10,373		
Demand (MGD)	0.805	0.810	0.817	0.823	0.827		
DESOTO VILLAGE MOBILE HOME PARK (6483)							
County Population Served	266	266	266	266	266	0.016	110
Demand (MGD)	0.029	0.029	0.029	0.029	0.029		
Total Utility Service Area Population	266	266	266	266	266		
Demand (MGD)	0.029	0.029	0.029	0.029	0.029		
DESOTO COUNTY (20457) (SUPPLIED THROUGH PRMRWSA)							
County Population Served	4,980	5,051	5,148	5,239	5,295	0.000	98
Demand (MGD)	0.486	0.493	0.503	0.512	0.517		
Total Utility Service Area Population	5,270	5,345	5,447	5,543	5,602		
Demand (MGD)	0.515	0.522	0.532	0.541	0.547		
DOMESTIC SELF SUPPLY							
Population Served	20,360	21,053	21,712	22,280	22,704		80
Demand (MGD)	1.624	1.679	1.732	1.777	1.811		
COUNTY POPULATION	28,454	29,234	30,009	30,688	31,178		83 *
TOTAL DEMAND (COUNTY)	2.367	2.430	2.494	2.549	2.589		
TOTAL DEMAND (UTILITIES)	1.349	1.361	1.378	1.394	1.404		

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS

EXISTING SOURCES

	<i>CURRENT YIELD (MGD)</i>
Total Permitted Quantities	1.109
Water Supply Authority Quantities	0.675
<i>Total Current Yield</i>	1.784

FUTURE SOURCE OPTIONS

	<i>2040 POTENTIAL YIELD (MGD)</i>	<i>RESPONSIBLE ENTITY</i>
Conservation	0.175	Multiple
Reclaimed	0.230	DeSoto County/Corrections Department
Surface Water	29.500	PRMRWSA
Brackish Groundwater	10.500	DeSoto County/PRMRWSA
Groundwater	TBD	DeSoto County

SOUTHERN PLANNING REGION

CITY OF ARCADIA

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CITY OF ARCADIA (4725)							
Municipal Population Served	7,240	7,293	7,360	7,421	7,460	1.093	80
Demand (MGD)	0.577	0.582	0.587	0.592	0.595		
Total Utility Service Area Population	10,088	10,158	10,244	10,323	10,373		
Demand (MGD)	0.805	0.810	0.817	0.823	0.827		
DESOTO COUNTY (20457)						0.000	98
Municipal Population Served	290	294	299	304	307		
Demand (MGD)	0.028	0.029	0.029	0.030	0.030		
Total Utility Service Area Population	5,270	5,345	5,447	5,543	5,602		
Demand (MGD)	0.515	0.522	0.532	0.541	0.547		
DOMESTIC SELF SUPPLY							
Population Served	455	468	480	490	497		65
Demand (MGD)	0.030	0.031	0.031	0.032	0.033		
MUNICIPAL POPULATION	7,695	7,761	7,840	7,911	7,957		83 *
TOTAL DEMAND (MUNICIPAL)	0.635	0.641	0.648	0.654	0.657		
TOTAL DEMAND (UTILITIES)	1.319	1.332	1.349	1.365	1.375		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	<i>CURRENT YIELD (MGD)</i>
Total Permitted Quantities	1.093
<i>Total Current Yield</i>	1.093

FUTURE SOURCE OPTIONS

	<i>2040 POTENTIAL YIELD (MGD)</i>	<i>RESPONSIBLE ENTITY</i>
Conservation	0.044	City of Arcadia
Reclaimed	0.210	City of Arcadia

SOUTHERN PLANNING REGION

MANATEE COUNTY (UNINCORPORATED)

DEMAND ANALYSIS

UTILITY NAME	2020	2025	2030	2035	2040	WUP (MGD)	PER CAPITA WATER USE (2011-2015)
CITY OF PALMETTO PUBLIC WORKS (12443)	(SUPPLIED THROUGH MANATEE COUNTY)						
County Population Served	1,317	1,616	1,984	2,125	2,186		
Demand (MGD)	0.101	0.124	0.152	0.162	0.167	0.000	76
Total Utility Service Area Population	19,637	21,517	22,757	23,562	23,634		
Demand (MGD)	1.501	1.645	1.740	1.801	1.807		
ERS SARASOTA (20235)							
County Population Served	24	24	24	24	24		
Demand (MGD)	0.004	0.004	0.004	0.004	0.004	0.003	150
Total Utility Service Area Population	24	24	24	24	24		
Demand (MGD)	0.004	0.004	0.004	0.004	0.004		
HUTCH HOLDINGS, LLC (13154)							
County Population Served	37	37	37	37	37		
Demand (MGD)	0.003	0.003	0.003	0.003	0.003	0.003	68
Total Utility Service Area Population	37	37	37	37	37		
Demand (MGD)	0.003	0.003	0.003	0.003	0.003		
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
County Population Served	331,056	367,628	401,020	430,697	456,237		
Demand (MGD)	30.289	33.635	36.691	39.406	41.743	54.836	91
Total Utility Service Area Population	349,406	386,783	420,822	451,153	477,237		
Demand (MGD)	31.968	35.388	38.502	41.277	43.664		
TOWN OF LONGBOAT KEY (10963)	(SUPPLIED THROUGH MANATEE COUNTY)						
County Population Served	287	311	335	360	385		
Demand (MGD)	0.026	0.028	0.030	0.032	0.035	0.000	90
Total Utility Service Area Population	18,324	18,629	18,902	19,180	19,472		
Demand (MGD)	1.677	1.704	1.729	1.755	1.782		
DOMESTIC SELF SUPPLY							
Population Served	11,144	11,695	12,172	12,631	0		224
Demand (MGD)	2.499	2.622	2.729	2.832	0.000		
COUNTY POPULATION	343,866	381,312	415,573	445,874	458,870		96 *
TOTAL DEMAND (COUNTY)	32.921	36.415	39.608	42.439	41.951		
TOTAL DEMAND (UTILITIES)	35.152	38.743	41.977	44.840	47.258		

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	54.842
Total Current Yield	54.842

FUTURE SOURCE OPTIONS

	2040 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation	2.830	Manatee County
Brackish Groundwater	8.500	Manatee County/PRMRWSA
Surface Water	29.500	PRMRWSA
Seawater Desalination	20.000	Manatee County/PRMRWSA
Groundwater	TBD	Manatee County

SOUTHERN PLANNING REGION

CITY OF ANNA MARIA

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	4,602	4,824	4,997	5,171	5,318	54.836	91
Demand (MGD)	0.421	0.441	0.457	0.473	0.487		
Total Utility Service Area Population	349,406	386,783	420,822	451,153	477,237		
Demand (MGD)	31.968	35.388	38.502	41.277	43.664		
MUNICIPAL POPULATION	4,602	4,824	4,997	5,171	5,318		91
TOTAL DEMAND (MUNICIPAL)	0.421	0.441	0.457	0.473	0.487		
TOTAL DEMAND (UTILITIES)	31.968	35.388	38.502	41.277	43.664		

SUPPLY ANALYSIS

EXISTING SOURCES

CURRENT YIELD (MGD)

Total Permitted Quantities	54.836
<i>Total Current Yield</i>	54.836

FUTURE SOURCE OPTIONS

2040 POTENTIAL YIELD (MGD)

RESPONSIBLE ENTITY

Conservation	0.031	Multiple
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF BRADENTON

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CITY OF BRADENTON PUBLIC WORKS (6392)							
Municipal Population Served	67,484	68,604	69,137	69,646	70,130	6.950	84
Demand (MGD)	5.691	5.785	5.830	5.873	5.914		
Total Utility Service Area Population	67,484	68,604	69,137	69,646	70,130	6.950	84
Demand (MGD)	5.691	5.785	5.830	5.873	5.914		
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	10	15	15	15	15	54.836	91
Demand (MGD)	0.001	0.001	0.001	0.001	0.001		
Total Utility Service Area Population	349,406	386,783	420,822	451,153	477,237	54.836	91
Demand (MGD)	31.968	35.388	38.502	41.277	43.664		
MUNICIPAL POPULATION	67,494	68,619	69,152	69,661	70,145		84 *
TOTAL DEMAND (MUNICIPAL)	5.692	5.787	5.832	5.875	5.915		
TOTAL DEMAND (UTILITIES)	37.659	41.173	44.333	47.151	49.578		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

CURRENT YIELD (MGD)

Total Permitted Quantities	61.786
<i>Total Current Yield</i>	61.786

FUTURE SOURCE OPTIONS

2040 POTENTIAL YIELD (MGD)

RESPONSIBLE ENTITY

Conservation	0.380	City of Bradenton
Reclaimed	5.950	City of Bradenton

SOUTHERN PLANNING REGION

CITY OF BRADENTON BEACH

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	3,469	3,628	3,764	3,903	4,020	54.836	91
Demand (MGD)	0.317	0.332	0.344	0.357	0.368		
Total Utility Service Area Population	349,406	386,783	420,822	451,153	477,237		
Demand (MGD)	31.968	35.388	38.502	41.277	43.664		
MUNICIPAL POPULATION	3,469	3,628	3,764	3,903	4,020		91
TOTAL DEMAND (MUNICIPAL)	0.317	0.332	0.344	0.357	0.368		
TOTAL DEMAND (UTILITIES)	31.968	35.388	38.502	41.277	43.664		

SUPPLY ANALYSIS

EXISTING SOURCES

CURRENT YIELD (MGD)

Total Permitted Quantities	54.836
Total Current Yield	54.836

FUTURE SOURCE OPTIONS

2040 POTENTIAL YIELD (MGD)

RESPONSIBLE ENTITY

Conservation	0.024	Multiple
--------------	-------	----------

SOUTHERN PLANNING REGION

CITY OF HOLMES BEACH

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	10,260	10,679	11,015	11,355	11,634	54.836	91
Demand (MGD)	0.939	0.977	1.008	1.039	1.064		
Total Utility Service Area Population	349,406	386,783	420,822	451,153	477,237		
Demand (MGD)	31.968	35.388	38.502	41.277	43.664		
MUNICIPAL POPULATION	10,260	10,679	11,015	11,355	11,634		91
TOTAL DEMAND (MUNICIPAL)	0.939	0.977	1.008	1.039	1.064		
TOTAL DEMAND (UTILITIES)	31.968	35.388	38.502	41.277	43.664		

SUPPLY ANALYSIS

EXISTING SOURCES

CURRENT YIELD (MGD)

Total Permitted Quantities	54.836
<i>Total Current Yield</i>	54.836

FUTURE SOURCE OPTIONS

2040 POTENTIAL YIELD (MGD)

RESPONSIBLE ENTITY

Conservation	0.068	Multiple
--------------	-------	----------

SOUTHERN PLANNING REGION

TOWN OF LONGBOAT KEY

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
TOWN OF LONGBOAT KEY (10963)	(SUPPLIED THROUGH MANATEE COUNTY)						
Municipal Population Served	18,037	18,318	18,567	18,820	19,087	0.000	90
Demand (MGD)	1.624	1.649	1.671	1.694	1.718		
Total Utility Service Area Population	18,324	18,629	18,902	19,180	19,472		
Demand (MGD)	1.649	1.677	1.701	1.727	1.753		
MUNICIPAL POPULATION	18,037	18,318	18,567	18,820	19,087		90
TOTAL DEMAND (MUNICIPAL)	1.624	1.649	1.671	1.694	1.718		
TOTAL DEMAND (UTILITIES)	1.649	1.677	1.701	1.727	1.753		

SUPPLY ANALYSIS

EXISTING SOURCES

	<i>CURRENT YIELD (MGD)</i>
Total Permitted Quantities	0.000
<i>Total Current Yield</i>	0.000

FUTURE SOURCE OPTIONS

	<i>2040 POTENTIAL YIELD (MGD)</i>	<i>RESPONSIBLE ENTITY</i>
Conservation	0.110	Town of Longboat Key

SOUTHERN PLANNING REGION

CITY OF PALMETTO

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CITY OF PALMETTO PUBLIC WORKS (12443)	(SUPPLIED THROUGH MANATEE COUNTY)						
Municipal Population Served	18,320	19,900	20,773	21,438	21,448	0.000	76
Demand (MGD)	1.400	1.521	1.588	1.639	1.639		
Total Utility Service Area Population	19,637	21,517	22,757	23,562	23,634		
Demand (MGD)	1.501	1.645	1.740	1.801	1.807		
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	8	10	10	10	10	54.836	91
Demand (MGD)	0.001	0.001	0.001	0.001	0.001		
Total Utility Service Area Population	349,406	386,783	420,822	451,153	477,237		
Demand (MGD)	31.968	35.388	38.502	41.277	43.664		
MUNICIPAL POPULATION	18,328	19,910	20,783	21,448	21,458		76 *
TOTAL DEMAND (MUNICIPAL)	1.401	1.522	1.589	1.640	1.640		
TOTAL DEMAND (UTILITIES)	33.469	37.033	40.242	43.078	45.470		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	<i>CURRENT YIELD (MGD)</i>
Total Permitted Quantities	54.836
<i>Total Current Yield</i>	54.836

FUTURE SOURCE OPTIONS

	<i>2040 POTENTIAL YIELD (MGD)</i>	<i>RESPONSIBLE ENTITY</i>
Conservation	0.105	City of Palmetto
Reclaimed	0.540	City of Palmetto

SOUTHERN PLANNING REGION

SARASOTA COUNTY (UNINCORPORATED)

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CAMELOT COMMUNITIES MHP LLC (5807)							
County Population Served	1,829	1,829	1,829	1,829	1,829	0.362	148
Demand (MGD)	0.271	0.271	0.271	0.271	0.271		
Total Utility Service Area Population	1,829	1,829	1,829	1,829	1,829		
Demand (MGD)	0.271	0.271	0.271	0.271	0.271		
CITY OF NORTH PORT (2923) (SUPPLIED PARTIALLY THROUGH PRMRWSA)							
County Population Served	4,528	4,829	5,205	5,506	5,669	7.100	64
Demand (MGD)	0.288	0.307	0.331	0.350	0.361		
Total Utility Service Area Population	56,560	65,724	75,600	84,505	91,634		
Demand (MGD)	3.597	4.180	4.808	5.375	5.828		
CITY OF SARASOTA (4318)							
County Population Served	110	120	125	125	125	6.000	82
Demand (MGD)	0.009	0.010	0.010	0.010	0.010		
Total Utility Service Area Population	77,421	78,134	78,279	78,426	78,573		
Demand (MGD)	6.363	6.422	6.433	6.446	6.458		
CITY OF VENICE (5393)							
County Population Served	30	72	108	111	110	6.864	60
Demand (MGD)	0.002	0.004	0.006	0.007	0.007		
Total Utility Service Area Population	35,226	35,992	36,276	36,523	36,708		
Demand (MGD)	2.127	2.173	2.190	2.205	2.216		
ENGLEWOOD WATER DISTRICT (4866)							
County Population Served	24,567	25,942	27,909	29,080	30,421	5.360	68
Demand (MGD)	1.677	1.771	1.905	1.985	2.077		
Total Utility Service Area Population	39,601	41,480	44,275	45,368	46,736		
Demand (MGD)	2.703	2.831	3.022	3.097	3.190		
JEROME & FREDERICK ELLIS (5456)							
County Population Served	370	370	370	370	370	0.077	67
Demand (MGD)	0.025	0.025	0.025	0.025	0.025		
Total Utility Service Area Population	370	370	370	370	370		
Demand (MGD)	0.025	0.025	0.025	0.025	0.025		
PLURIS-SOUTH GATE UTILITIES (99914)							
County Population Served	10,635	10,675	10,674	10,674	10,675	NA	78
Demand (MGD)	0.827	0.830	0.830	0.830	0.830		
Total Utility Service Area Population	10,744	10,783	10,782	10,782	10,784		
Demand (MGD)	0.836	0.839	0.839	0.839	0.839		
ROYALTY RESORTS CORPORATION (7448)							
County Population Served	1,254	1,254	1,254	1,254	1,254	0.186	75
Demand (MGD)	0.094	0.094	0.094	0.094	0.094		
Total Utility Service Area Population	1,254	1,254	1,254	1,254	1,254		
Demand (MGD)	0.094	0.094	0.094	0.094	0.094		
SARASOTA COUNTY BOCC UTILITIES DEPARTMENT (8836) (SUPPLIED PARTIALLY THROUGH PRMRWSA)							
County Population Served	230,985	236,916	238,995	240,407	241,340	13.737	78
Demand (MGD)	17.965	18.426	18.588	18.698	18.770		
Total Utility Service Area Population	231,014	236,945	239,025	240,437	241,369		
Demand (MGD)	17.967	18.428	18.590	18.700	18.772		

SOUTHERN PLANNING REGION

SARASOTA COUNTY (UNINCORPORATED)

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
DOMESTIC SELF SUPPLY							
Population Served	45,345	53,380	59,520	65,201	68,839		52
Demand (MGD)	2.380	2.802	3.124	3.422	3.613		
COUNTY POPULATION	319,653	335,387	345,989	354,558	360,633		74 *
TOTAL DEMAND (COUNTY)	23.537	24.540	25.184	25.692	26.057		
TOTAL DEMAND (UTILITIES)	33.982	35.262	36.272	37.050	37.693		

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS

EXISTING SOURCES

CURRENT YIELD (MGD)

Total Permitted Quantities	25.949
Water Supply Authority Quantities	15.060
<i>Total Current Yield</i>	<i>41.009</i>

FUTURE SOURCE OPTIONS

2040 POTENTIAL YIELD (MGD)

RESPONSIBLE ENTITY

Conservation	1.758	Sarasota County
Reclaimed	6.210	Sarasota County/Englewood
Surface Water	29.500	PRMRWSA
Brackish Groundwater	5.500	PRMRWSA
Groundwater	TBD	Sarasota County

SOUTHERN PLANNING REGION

CITY OF NORTH PORT

DEMAND ANALYSIS

UTILITY NAME	2020	2025	2030	2035	2040	WUP (MGD)	PER CAPITA WATER USE (2011-2015)
CITY OF NORTH PORT (2923)	(SUPPLIED PARTIALLY THROUGH PRMRWSA)						
County Population Served	52,032	60,895	70,395	79,000	85,965	7.100	64
Demand (MGD)	3.309	3.873	4.477	5.024	5.468		
Total Utility Service Area Population	56,560	65,724	75,600	84,505	91,634		
Demand (MGD)	3.597	4.180	4.808	5.375	5.828		
DOMESTIC SELF SUPPLY							
Population Served	1,650	1,655	1,650	1,687	1,711		52
Demand (MGD)	0.087	0.087	0.087	0.089	0.090		
MUNICIPAL POPULATION	53,682	62,550	72,045	80,687	87,676		63 *
TOTAL DEMAND (MUNICIPAL)	3.396	3.960	4.564	5.113	5.557		
TOTAL DEMAND (UTILITIES)	3.597	4.180	4.808	5.375	5.828		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	7.100
Water Supply Authority Quantities	2.865
<i>Total Current Yield</i>	9.965

FUTURE SOURCE OPTIONS

	2040 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation	0.375	City of North Port
Reclaimed	3.470	City of North Port
Surface Water	29.500	PRMRWSA
Brackish Groundwater	5.500	PRMRWSA

SOUTHERN PLANNING REGION

CITY OF SARASOTA

DEMAND ANALYSIS

UTILITY NAME	2020	2025	2030	2035	2040	WUP (MGD)	PER CAPITA WATER USE (2011-2015)
CITY OF SARASOTA (4318)							
Municipal Population Served	77,310	78,014	78,155	78,301	78,447	6.000	82
Demand (MGD)	6.354	6.412	6.423	6.435	6.447		
Total Utility Service Area Population	77,421	78,134	78,279	78,426	78,573		
Demand (MGD)	6.363	6.422	6.433	6.446	6.458		
PLURIS-SOUTH GATE UTILITIES (99914)							
Municipal Population Served	109	109	109	109	109	NA	78
Demand (MGD)	0.008	0.008	0.008	0.008	0.008		
Total Utility Service Area Population	10,744	10,783	10,782	10,782	10,784		
Demand (MGD)	0.836	0.839	0.839	0.839	0.839		
SARASOTA COUNTY BOCC UTILITIES DEPARTMENT (8836)							
Municipal Population Served	28	29	30	30	30	13.737	78
Demand (MGD)	0.002	0.002	0.002	0.002	0.002		
Total Utility Service Area Population	231,014	236,945	239,025	240,437	241,369		
Demand (MGD)	17.967	18.428	18.590	18.700	18.772		
DOMESTIC SELF SUPPLY							
Population Served	770	777	760	765	763		52
Demand (MGD)	0.040	0.041	0.040	0.040	0.040		
MUNICIPAL POPULATION							
	78,218	78,928	79,053	79,205	79,349		82 *
TOTAL DEMAND (MUNICIPAL)							
	6.405	6.463	6.474	6.486	6.498		
TOTAL DEMAND (UTILITIES)							
	25.166	25.689	25.862	25.984	26.069		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

CURRENT YIELD (MGD)

Total Permitted Quantities	19.737
Total Current Yield	19.737

FUTURE SOURCE OPTIONS

2040 POTENTIAL YIELD (MGD)

RESPONSIBLE ENTITY

Conservation	0.438	City of Sarasota
Reclaimed	2.890	City of Sarasota

SOUTHERN PLANNING REGION

CITY OF VENICE

DEMAND ANALYSIS

<i>UTILITY NAME</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>	<i>2035</i>	<i>2040</i>	<i>WUP (MGD)</i>	<i>PER CAPITA WATER USE (2011-2015)</i>
CITY OF VENICE (5393)							
Municipal Population Served	35,196	35,920	36,168	36,412	36,597		
Demand (MGD)	2.125	2.169	2.184	2.198	2.209	6.864	60
Total Utility Service Area Population	35,226	35,992	36,276	36,523	36,708		
Demand (MGD)	2.127	2.173	2.190	2.205	2.216		
MUNICIPAL POPULATION	35,196	35,920	36,168	36,412	36,597		60 *
TOTAL DEMAND (MUNICIPAL)	2.125	2.169	2.184	2.198	2.209		
TOTAL DEMAND (UTILITIES)	2.127	2.173	2.190	2.205	2.216		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	<i>CURRENT YIELD (MGD)</i>
Total Permitted Quantities	6.864
<i>Total Current Yield</i>	6.864

FUTURE SOURCE OPTIONS

	<i>2040 POTENTIAL YIELD (MGD)</i>	<i>RESPONSIBLE ENTITY</i>
Conservation	0.142	City of Venice
Brackish Groundwater	6.700	City of Venice/PRMRWSA
Seawater Desalinization	20.000	City of Venice/PRMRWSA