

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 2015 – 2035 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 2015 – 2035 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.
- Up to 11 mgd is available to local governments for land use transitions from agricultural to urban within the boundaries of the Southern Water Use Caution Area (SWUCA) until 2025. Local governments will need to determine the available quantity within their jurisdictions

SOUTHERN PLANNING REGION

CHARLOTTE COUNTY (UNINCORPORATED WITHIN SWFWMD)

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008- 2012)
CHARLOTTE COUNTY UTILITIES (3522)							
County Population Served	6,904	7,673	8,371	8,971	9,520		
Demand (MGD)	0.433	0.481	0.525	0.562	0.597	3.172	63
Total Utility Service Area Population	6,904	7,673	8,371	8,971	9,520		
Demand (MGD)	0.433	0.481	0.525	0.562	0.597		
CHARLOTTE COUNTY UTILITIES (7104)							
(SUPPLIED THROUGH PRMRWSA)							
County Population Served	120,716	127,667	133,931	139,274	144,243	0.000	76
Demand (MGD)	9.147	9.673	10.148	10.553	10.929		
Total Utility Service Area Population	120,716	127,667	133,931	139,274	144,243		
Demand (MGD)	9.147	9.673	10.148	10.553	10.929		
CHARLOTTE HARBOR WATER ASSOC. (1512)							
County Population Served	4,744	5,193	5,598	5,943	6,260	0.712	77
Demand (MGD)	0.364	0.398	0.429	0.456	0.480		
Total Utility Service Area Population	4,744	5,193	5,598	5,943	6,260		
Demand (MGD)	0.364	0.398	0.429	0.456	0.480		
CITY OF PUNTA GORDA UTILITY DEPT (871)							
County Population Served	13,070	13,753	14,316	14,788	15,224	8.088	116
Demand (MGD)	1.510	1.589	1.654	1.709	1.759		
Total Utility Service Area Population	36,397	37,083	37,646	38,131	38,611		
Demand (MGD)	4.205	4.285	4.350	4.406	4.461		
EL JOBEAN WATER ASSOC. (99913)							
(SUPPLIED THROUGH CHARLOTTE COUNTY)							
County Population Served	1,410	1,431	1,450	1,466	1,481	0.000	104
Demand (MGD)	0.147	0.149	0.151	0.152	0.154		
Total Utility Service Area Population	1,410	1,431	1,450	1,466	1,481		
Demand (MGD)	0.147	0.149	0.151	0.152	0.154		
ENGLEWOOD WATER DISTRICT (4866)							
County Population Served	14,411	14,546	14,671	14,804	14,993	5.360	61
Demand (MGD)	0.886	0.894	0.902	0.910	0.921		
Total Utility Service Area Population	35,419	36,179	36,928	37,638	38,358		
Demand (MGD)	2.177	2.223	2.269	2.313	2.357		
GASPARILLA ISLAND WATER ASSOC. (718)							
County Population Served	5,984	6,295	6,436	6,517	6,617	1.538	181
Demand (MGD)	1.083	1.140	1.165	1.180	1.198		
Total Utility Service Area Population	5,984	6,295	6,436	6,517	6,617		
Demand (MGD)	1.083	1.140	1.165	1.180	1.198		
HOMEOWNERS OF ALLIGATOR PARK (8626)							
County Population Served	902	902	902	902	902	0.055	86
Demand (MGD)	0.078	0.078	0.078	0.078	0.078		
Total Utility Service Area Population	902	902	902	902	902		
Demand (MGD)	0.078	0.078	0.078	0.078	0.078		
ISLAND HARBOR BCH CLUB LTD & CHAR (7768)							
County Population Served	650	713	770	818	863	0.103	112
Demand (MGD)	0.073	0.080	0.086	0.092	0.097		
Total Utility Service Area Population	650	713	770	818	863		
Demand (MGD)	0.073	0.080	0.086	0.092	0.097		
RIVERWOOD DEVELOPMENT (99916)							
(SUPPLIED THROUGH CHARLOTTE COUNTY)							
County Population Served	2,295	2,425	2,542	2,641	2,731	0.000	104
Demand (MGD)	0.239	0.252	0.264	0.275	0.284		
Total Utility Service Area Population	2,295	2,425	2,542	2,641	2,731		
Demand (MGD)	0.239	0.252	0.264	0.275	0.284		
DOMESTIC SELF SUPPLY							
Population Served	13,548	13,968	14,487	14,991	15,498		63

Demand (MGD)	0.859	0.886	0.918	0.950	0.983	63
COUNTY POPULATION	184,634	194,566	203,473	211,115	218,331	80 *
TOTAL DEMAND (COUNTY)	14.817	15.619	16.320	16.916	17.479	
TOTAL DEMAND (UTILITIES)	17.944	18.758	19.465	20.065	20.634	

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	19.028
Water Supply Authority Quantities	42.106
Total Current Yield	61.134

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.231	Multiple
Outdoor	0.333	Multiple
Reclaimed	5.320	Charlotte County and Englewood Water District
Surface Water	22.700	PRMRWSA
Brackish Groundwater	7.000	PRMRWSA and Englewood Water District
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF PUNTA GORDA

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF PUNTA GORDA UTILITY DEPT (871)							
Municipal Population Served	23,327	23,329	23,329	23,342	23,387	8.088	116
Demand (MGD)	2.695	2.696	2.696	2.697	2.702		
Total Utility Service Area Population	36,397	37,083	37,646	38,131	38,611		
Demand (MGD)	4.205	4.285	4.350	4.406	4.461		
MUNICIPAL POPULATION	23,327	23,329	23,329	23,342	23,387		132
TOTAL DEMAND (MUNICIPAL)	2.695	2.696	2.696	2.697	2.702		
TOTAL DEMAND (UTILITIES)	4.205	4.285	4.350	4.406	4.461		

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	8.088
Total Current Yield	8.088

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.033	City of Punta Gorda
Outdoor	0.047	City of Punta Gorda
Reclaimed	2.250	City of Punta Gorda
Surface Water	20.000	Multiple
Brackish GW	4.000	City of Punta Gorda
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

DESOTO COUNTY (UNINCORPORATED)

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF ARCADIA (4725)							
County Population Served	2,676	2,704	2,730	2,755	2,777		
Demand (MGD)	0.227	0.229	0.231	0.233	0.235		
Total Utility Service Area Population	10,417	10,511	10,598	10,684	10,763	1.093	85
Demand (MGD)	0.883	0.891	0.898	0.905	0.912		
DESOTO COUNTY (6841)							
County Population Served	5,086	5,132	5,174	5,217	5,256		
Demand (MGD)	0.431	0.435	0.438	0.442	0.445		
Total Utility Service Area Population	5,086	5,132	5,174	5,217	5,256	0.822	85
Demand (MGD)	0.431	0.435	0.438	0.442	0.445		
DESOTO COUNTY (99912)							
(SUPPLIED THROUGH PRMRWSA)							
County Population Served	2,064	2,075	2,084	2,093	2,100		
Demand (MGD)	0.185	0.186	0.186	0.187	0.188		
Total Utility Service Area Population	2,064	2,075	2,084	2,093	2,100	0.000	89
Demand (MGD)	0.185	0.186	0.186	0.187	0.188		
DESOTO VILLAGE MOBILE HOME PARK (6483)							
County Population Served	246	246	246	246	246		
Demand (MGD)	0.027	0.027	0.027	0.027	0.027		
Total Utility Service Area Population	246	246	246	246	246	0.027	110
Demand (MGD)	0.027	0.027	0.027	0.027	0.027		
DOMESTIC SELF SUPPLY							
Population Served	18,477	19,266	19,968	20,671	21,286		
Demand (MGD)	1.243	1.296	1.343	1.390	1.431		67
COUNTY POPULATION	28,549	29,423	30,202	30,981	31,666		74 *
TOTAL DEMAND (COUNTY)	2.112	2.172	2.226	2.280	2.327		
TOTAL DEMAND (UTILITIES)	1.525	1.538	1.550	1.562	1.572		

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS

EXISTING SOURCES

CURRENT YIELD (MGD)

Total Permitted Quantities	1.120
Water Supply Authority Quantities	42.106
<i>Total Current Yield</i>	43.226

FUTURE SOURCE OPTIONS - UPDATED

2035 POTENTIAL YIELD (MGD)

RESPONSIBLE ENTITY

Conservation**		
Indoor	0.031	Multiple
Outdoor	0.044	Multiple
Reclaimed	0.400	DeSoto County and FL Dept of Corrections
Surface Water	22.700	PRMRWSA
Brackish Groundwater	10.000	PRMRWSA and DeSoto County
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF ARCADIA

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF ARCADIA (4725)							
Municipal Population Served	7,740	7,807	7,868	7,930	7,986	1.093	85
Demand (MGD)	0.656	0.661	0.667	0.672	0.677		
Total Utility Service Area Population	10,417	10,511	10,598	10,684	10,763		
Demand (MGD)	0.883	0.891	0.898	0.905	0.912		
DOMESTIC SELF SUPPLY							
Population Served	451	468	483	499	512		67
Demand (MGD)	0.030	0.031	0.033	0.034	0.034		
MUNICIPAL POPULATION	8,191	8,275	8,351	8,428	8,498		84 *
TOTAL DEMAND (MUNICIPAL)	0.686	0.693	0.699	0.705	0.711		
TOTAL DEMAND (UTILITIES)	0.883	0.891	0.898	0.905	0.912		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	1.0933
Total Current Yield	1.0933

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.009	City of Arcadia
Outdoor	0.014	City of Arcadia
Reclaimed	0.180	City of Arcadia
Groundwater - Surficial Aquifer	0.100	Multiple

MANATEE COUNTY (UNINCORPORATED)

DEMAND ANALYSIS								
UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)	
CITY OF BRADENTON PUBLIC WORKS (6392)								
County Population Served	1,379	1,393	1,408	1,427	1,446	6.950	93	
Demand (MGD)	0.128	0.130	0.131	0.133	0.135			
Total Utility Service Area Population	65,918	66,517	66,751	67,090	67,475			
Demand (MGD)	6.134	6.190	6.212	6.243	6.279			
CITY OF PALMETTO PUBLIC WORKS (12443) (SUPPLIED THROUGH MANATEE COUNTY)								
County Population Served	1,219	1,335	1,462	1,611	1,763	0.000	83	
Demand (MGD)	0.101	0.111	0.121	0.134	0.146			
Total Utility Service Area Population	17,621	17,927	18,295	18,763	19,252			
Demand (MGD)	1.461	1.487	1.517	1.556	1.597			
MANATEE COUNTY UTILITIES DEPARTMENT (1: (TO BE CONNECTED TO PRMRWSA IN FUTURE)								
County Population Served	303,780	334,968	363,795	389,159	411,394	54.836	97	
Demand (MGD)	29.345	32.358	35.143	37.593	39.741			
Total Utility Service Area Population	329,224	362,563	393,656	421,036	445,228			
Demand (MGD)	31.803	35.024	38.027	40.672	43.009			
TOWN OF LONGBOAT KEY (10963) (SUPPLIED THROUGH MANATEE COUNTY)								
County Population Served	9	9	9	9	10	0.000	93	
Demand (MGD)	0.001	0.001	0.001	0.001	0.001			
Total Utility Service Area Population	18,528	18,785	19,061	19,362	19,681			
Demand (MGD)	1.731	1.755	1.781	1.809	1.839			
WALKER COMMUNITIES (13154)								
County Population Served	25	25	25	25	25	0.003	93	
Demand (MGD)	0.002	0.002	0.002	0.002	0.002			
Total Utility Service Area Population	25	25	25	25	25			
Demand (MGD)	0.002	0.002	0.002	0.002	0.002			
ERS/PALMETTO PARK (20235)								
County Population Served	22	22	22	22	22	0.003	150	
Demand (MGD)	0.003	0.003	0.003	0.003	0.003			
Total Utility Service Area Population	22	22	22	22	22			
Demand (MGD)	0.003	0.003	0.003	0.003	0.003			
DOMESTIC SELF SUPPLY								
Population Served	10,306	11,511	12,736	14,007	15,225		62	
Demand (MGD)	0.643	0.718	0.795	0.874	0.950			
COUNTY POPULATION	316,741	349,262	379,457	406,260	429,884		95	
TOTAL DEMAND (COUNTY)								
	30.224	33.323	36.196	38.740	40.978			
TOTAL DEMAND (UTILITIES)	41.135	44.461	47.543	50.286	52.729			

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS		
EXISTING SOURCES		
	CURRENT YIELD (MGD)	
Total Permitted Quantities	61.792	
Total Current Yield	61.792	
FUTURE SOURCE OPTIONS		
	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.540	Multiple
Outdoor	0.781	Multiple
Stormwater	0.330	Manatee County
Surface Water	34.500	Manatee County and PRMRWSA*
Brackish Groundwater	8.000	Manatee County and PRMRWSA*
Seawater Desalination	20.000	Manatee County and PRMRWSA*
Groundwater - Surficial Aquifer	0.100	Multiple

*PRMRWSA projects are anticipated near the end of the RWSP planning horizon

SOUTHERN PLANNING REGION

CITY OF ANNA MARIA

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	3,735	3,818	3,911	4,019	4,137	54.836	97
Demand (MGD)	0.361	0.369	0.378	0.388	0.400		
Total Utility Service Area Population	329,224	362,563	393,656	421,036	445,228		
Demand (MGD)	31.803	35.024	38.027	40.672	43.009		
MUNICIPAL POPULATION	3,735	3,818	3,911	4,019	4,137		97
TOTAL DEMAND (MUNICIPAL)	0.361	0.369	0.378	0.388	0.400		
TOTAL DEMAND (UTILITIES)	31.803	35.024	38.027	40.672	43.009		

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	54.836
Total Current Yield	54.836

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.005	Multiple
Outdoor	0.007	Multiple
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF BRADENTON

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF BRADENTON PUBLIC WORKS (6392)							
Municipal Population Served	64,539	65,125	65,342	65,662	66,029		
Demand (MGD)	6.006	6.060	6.080	6.110	6.144		
Total Utility Service Area Population	65,918	66,517	66,751	67,090	67,475	6.950	93
Demand (MGD)	6.134	6.190	6.212	6.243	6.279		
MANATEE COUNTY UTILITIES DEPARTMENT (1 (TO BE CONNECTED TO PRMRWSA IN FUTURE))							
Municipal Population Served	4,348	5,493	6,645	7,389	7,998		
Demand (MGD)	0.420	0.531	0.642	0.714	0.773		
Total Utility Service Area Population	329,224	362,563	393,656	421,036	445,228	54.836	97
Demand (MGD)	31.803	35.024	38.027	40.672	43.009		
MUNICIPAL POPULATION	68,888	70,617	71,988	73,051	74,027		93 *
TOTAL DEMAND (MUNICIPAL)	6.426	6.591	6.722	6.824	6.917		
TOTAL DEMAND (UTILITIES)	37.937	41.213	44.239	46.915	49.288		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	61.786
Total Current Yield	61.786

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.086	Multiple
Outdoor	0.120	Multiple
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF BRADENTON BEACH

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	4,442	4,624	4,819	5,033	5,261	54.836	97
Demand (MGD)	0.429	0.447	0.466	0.486	0.508		
Total Utility Service Area Population	329,224	362,563	393,656	421,036	445,228		
Demand (MGD)	31.803	35.024	38.027	40.672	43.009		
MUNICIPAL POPULATION	4,442	4,624	4,819	5,033	5,261		97
TOTAL DEMAND (MUNICIPAL)	0.429	0.447	0.466	0.486	0.508		
TOTAL DEMAND (UTILITIES)	31.803	35.024	38.027	40.672	43.009		

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	54.836
Total Current Yield	54.836

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.006	Multiple
Outdoor	0.009	Multiple
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF HOLMES BEACH

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	12,547	12,997	13,478	13,996	14,547	54.836	97
Demand (MGD)	1.212	1.256	1.302	1.352	1.405		
Total Utility Service Area Population	329,224	362,563	393,656	421,036	445,228		
Demand (MGD)	31.803	35.024	38.027	40.672	43.009		
MUNICIPAL POPULATION	12,547	12,997	13,478	13,996	14,547		97
TOTAL DEMAND (MUNICIPAL)	1.212	1.256	1.302	1.352	1.405		
TOTAL DEMAND (UTILITIES)	31.803	35.024	38.027	40.672	43.009		

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	54.836
Total Current Yield	54.836

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.017	Multiple
Outdoor	0.024	Multiple
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

TOWN OF LONGBOAT KEY

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
TOWN OF LONGBOAT KEY (10963)	(SUPPLIED THROUGH MANATEE COUNTY)						
Municipal Population Served	18,519	18,776	19,052	19,352	19,671	0.000	93
Demand (MGD)	1.730	1.754	1.780	1.808	1.838		
Total Utility Service Area Population	18,528	18,785	19,061	19,362	19,681		
Demand (MGD)	1.731	1.755	1.781	1.809	1.839		
MUNICIPAL POPULATION	18,519	18,776	19,052	19,352	19,671		93
TOTAL DEMAND (MUNICIPAL)	1.730	1.754	1.780	1.808	1.838		
TOTAL DEMAND (UTILITIES)	1.731	1.755	1.781	1.809	1.839		

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	0.000
Total Current Yield	0.000

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.023	Town of Longboat Key
Outdoor	0.032	Town of Longboat Key
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF PALMETTO

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF PALMETTO PUBLIC WORKS (12443)	(SUPPLIED THROUGH MANATEE COUNTY)						
Municipal Population Served	16,401	16,593	16,833	17,153	17,489	0.000	83
Demand (MGD)	1.360	1.376	1.396	1.423	1.451		
Total Utility Service Area Population	17,621	17,927	18,295	18,763	19,252		
Demand (MGD)	1.461	1.487	1.517	1.556	1.597		
MANATEE COUNTY UTILITIES DEPARTMENT (13343)							
Municipal Population Served	372	664	1,008	1,440	1,891	54.836	97
Demand (MGD)	0.036	0.064	0.097	0.139	0.183		
Total Utility Service Area Population	329,224	362,563	393,656	421,036	445,228		
Demand (MGD)	31.803	35.024	38.027	40.672	43.009		
MUNICIPAL POPULATION	16,773	17,256	17,842	18,593	19,380		83 *
TOTAL DEMAND (MUNICIPAL)	1.396	1.440	1.494	1.562	1.633		
TOTAL DEMAND (UTILITIES)	33.264	36.510	39.545	42.228	44.606		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	54.836
Total Current Yield	54.836

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation**		
Indoor	0.020	Multiple
Outdoor	0.028	City of Palmetto
Reclaimed	0.350	City of Palmetto
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

SARASOTA COUNTY (UNINCORPORATED)

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CAMELOT COMMUNITIES MHP LLC (5807)							
County Population Served	1,794	1,794	1,794	1,794	1,794		
Demand (MGD)	0.188	0.188	0.188	0.188	0.188	0.390	105
Total Utility Service Area Population	1,794	1,794	1,794	1,794	1,794		
Demand (MGD)	0.188	0.188	0.188	0.188	0.188		
JAPANESE GARDENS HOMEOWNERS INC (4774)							
County Population Served	823	823	823	823	823		
Demand (MGD)	0.029	0.029	0.029	0.029	0.029	0.063	35
Total Utility Service Area Population	823	823	823	823	823		
Demand (MGD)	0.029	0.029	0.029	0.029	0.029		
CITY OF NORTH PORT (2923)	(SUPPLIED PARTIALLY THROUGH PRMRWSA)						
County Population Served	4,494	4,796	5,080	5,330	5,546		
Demand (MGD)	0.293	0.312	0.331	0.347	0.361	7.100	65
Total Utility Service Area Population	49,016	60,114	70,611	80,286	89,087		
Demand (MGD)	3.192	3.914	4.598	5.228	5.801		
CITY OF SARASOTA (4318)							
County Population Served	196	200	205	209	212		
Demand (MGD)	0.018	0.018	0.018	0.019	0.019	6.000	89
Total Utility Service Area Population	74,713	75,468	75,820	76,072	76,300		
Demand (MGD)	6.679	6.747	6.778	6.801	6.821		
CITY OF VENICE (5393)							
County Population Served	52	69	86	101	114		
Demand (MGD)	0.003	0.004	0.006	0.007	0.007	6.864	65
Total Utility Service Area Population	34,129	35,143	35,925	36,628	37,251		
Demand (MGD)	2.216	2.281	2.332	2.378	2.418		
ENGLEWOOD WATER DISTRICT (4866)							
County Population Served	21,008	21,634	22,257	22,834	23,365		
Demand (MGD)	1.291	1.329	1.368	1.403	1.436	5.360	61
Total Utility Service Area Population	35,419	36,179	36,928	37,638	38,358		
Demand (MGD)	2.177	2.223	2.269	2.313	2.357		
JEROME & FREDERICK ELLIS (5456)							
County Population Served	336	336	336	336	336		
Demand (MGD)	0.024	0.024	0.024	0.024	0.024	0.060	70
Total Utility Service Area Population	336	336	336	336	336		
Demand (MGD)	0.024	0.024	0.024	0.024	0.024		
PLURIS-SOUTH GATE UTILITIES (99914)	(SUPPLIED THROUGH CITY OF SARASOTA)						
County Population Served	10,009	10,013	10,016	10,020	10,022		
Demand (MGD)	0.816	0.817	0.817	0.817	0.817	0.000	82
Total Utility Service Area Population	10,109	10,113	10,117	10,120	10,122		
Demand (MGD)	0.824	0.825	0.825	0.825	0.826		
ROYALTY RESORTS CORPORATION (7448)							
County Population Served	1,254	1,254	1,254	1,254	1,254		
Demand (MGD)	0.090	0.090	0.090	0.090	0.090	0.186	72
Total Utility Service Area Population	1,254	1,254	1,254	1,254	1,254		
Demand (MGD)	0.090	0.090	0.090	0.090	0.090		
SARASOTA COUNTY BOCC UTILITIES DEPARTMENT (8836)	(SUPPLIED PARTIALLY THROUGH PRMRWSA)						
County Population Served	215,739	221,042	225,607	228,895	231,354		
Demand (MGD)	17.594	18.027	18.399	18.667	18.868	13.737	82
Total Utility Service Area Population	215,758	221,079	225,662	228,966	231,439		
Demand (MGD)	17.596	18.030	18.404	18.673	18.875		

SOUTHERN PLANNING REGION

SARASOTA COUNTY (UNINCORPORATED)

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
DOMESTIC SELF SUPPLY							
Population Served	55,969	66,120	75,506	84,034	91,272		54
Demand (MGD)	3.045	3.597	4.108	4.571	4.965		
COUNTY POPULATION	311,676	328,081	342,965	355,630	366,093		75 *
TOTAL DEMAND (COUNTY)	23.391	24.435	25.377	26.162	26.804		
TOTAL DEMAND (UTILITIES)	33.014	34.351	35.537	36.548	37.428		

* Weighted mean per capita of utilities serving within community jurisdiction

SOURCE ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	39.574
Water Supply Authority Quantities	42.106
Total Current Yield	81.680

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.354	Multiple
Outdoor	0.511	Multiple
Reclaimed	4.450	Sarasota County, Englewood Water District
Surface Water	27.700	Sarasota County, PRMRWSA
Brackish Groundwater	7.000	Sarasota County, PRMRWSA, Englewood Wate
Seawater Desalination	40.000	PRMRWSA
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF NORTH PORT

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF NORTH PORT (2923)	(SUPPLIED PARTIALLY THROUGH PRMRWSA)						
County Population Served	44,521	55,317	65,531	74,956	83,540	7.100	65
Demand (MGD)	2.899	3.602	4.267	4.881	5.440		
Total Utility Service Area Population	49,016	60,114	70,611	80,286	89,087		
Demand (MGD)	3.192	3.914	4.598	5.228	5.801		
DOMESTIC SELF SUPPLY							
Population Served	2,530	2,644	2,768	2,896	3,033		54
Demand (MGD)	0.138	0.144	0.151	0.158	0.165		
MUNICIPAL POPULATION	47,052	57,961	68,299	77,851	86,574		65 *
TOTAL DEMAND (MUNICIPAL)	3.037	3.746	4.418	5.038	5.605		
TOTAL DEMAND (UTILITIES)	3.192	3.914	4.598	5.228	5.801		

* 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	42.106
<i>Total Current Yield</i>	49.206

FUTURE SOURCE OPTIONS

	2035 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.074	Multiple
Outdoor	0.107	Multiple
Reclaimed	1.900	City of North Port
Surface Water	22.700	PRMRWSA
Brackish GW	5.000	PRMRWSA
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF SARASOTA

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF SARASOTA (4318)							
Municipal Population Served	74,517	75,267	75,616	75,863	76,088		
Demand (MGD)	6.662	6.729	6.760	6.782	6.802		
Total Utility Service Area Population	74,713	75,468	75,820	76,072	76,300	6.000	89
Demand (MGD)	6.679	6.747	6.778	6.801	6.821		
PLURIS-SOUTH GATE UTILITIES (99914)							
(SUPPLIED THROUGH CITY OF SARASOTA)							
Municipal Population Served	100	100	100	100	100		
Demand (MGD)	0.008	0.008	0.008	0.008	0.008		
Total Utility Service Area Population	10,109	10,113	10,117	10,120	10,122	0.000	82
Demand (MGD)	0.824	0.825	0.825	0.825	0.826		
DOMESTIC SELF SUPPLY							
Population Served	1,210	1,204	1,204	1,206	1,212		
Demand (MGD)	0.066	0.066	0.066	0.066	0.066		54
MUNICIPAL POPULATION	75,827	76,572	76,920	77,170	77,400		89 *
TOTAL DEMAND (MUNICIPAL)	6.736	6.802	6.834	6.856	6.876		
TOTAL DEMAND (UTILITIES)	7.569	7.637	7.669	7.692	7.713		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	6.000
Total Current Yield	6.000

FUTURE SOURCE OPTIONS

	2030 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.091	Multiple
Outdoor	0.131	Multiple
Reclaimed	1.050	City of Sarasota
Groundwater - Surficial Aquifer	0.100	Multiple

SOUTHERN PLANNING REGION

CITY OF VENICE

DEMAND ANALYSIS

UTILITY NAME	2015	2020	2025	2030	2035	WUP (MGD)	PER CAPITA WATER USE (2008-2012)
CITY OF VENICE (5393)							
Municipal Population Served	34,077	35,074	35,839	36,527	37,137	6.864	65
Demand (MGD)	2.212	2.277	2.327	2.371	2.411		
Total Utility Service Area Population	34,129	35,143	35,925	36,628	37,251		
Demand (MGD)	2.216	2.281	2.332	2.378	2.418		
SARASOTA COUNTY BOCC UTILITIES DEPARTMENT (8836)							
Municipal Population Served	18	37	55	71	85	13.737	82
Demand (MGD)	0.001	0.003	0.004	0.006	0.007		
Total Utility Service Area Population	215,758	221,079	225,662	228,966	231,439		
Demand (MGD)	17.596	18.030	18.404	18.673	18.875		
MUNICIPAL POPULATION	34,095	35,111	35,894	36,598	37,222		65 *
TOTAL DEMAND (MUNICIPAL)	2.214	2.280	2.331	2.377	2.418		
TOTAL DEMAND (UTILITIES)	19.812	20.311	20.736	21.051	21.293		

* Weighted mean per capita of utilities serving within community jurisdiction

SUPPLY ANALYSIS

EXISTING SOURCES

	CURRENT YIELD (MGD)
Total Permitted Quantities	20.601
Total Current Yield	20.601

FUTURE SOURCE OPTIONS

	2030 POTENTIAL YIELD (MGD)	RESPONSIBLE ENTITY
Conservation		
Indoor	0.030	Multiple
Outdoor	0.042	Multiple
Reclaimed	0.520	City of Venice
Brackish Groundwater	2.500	City of Venice
Seawater Desal	20.000	City of Venice, PRMRWSA
Groundwater - Surficial Aquifer	0.100	Multiple