


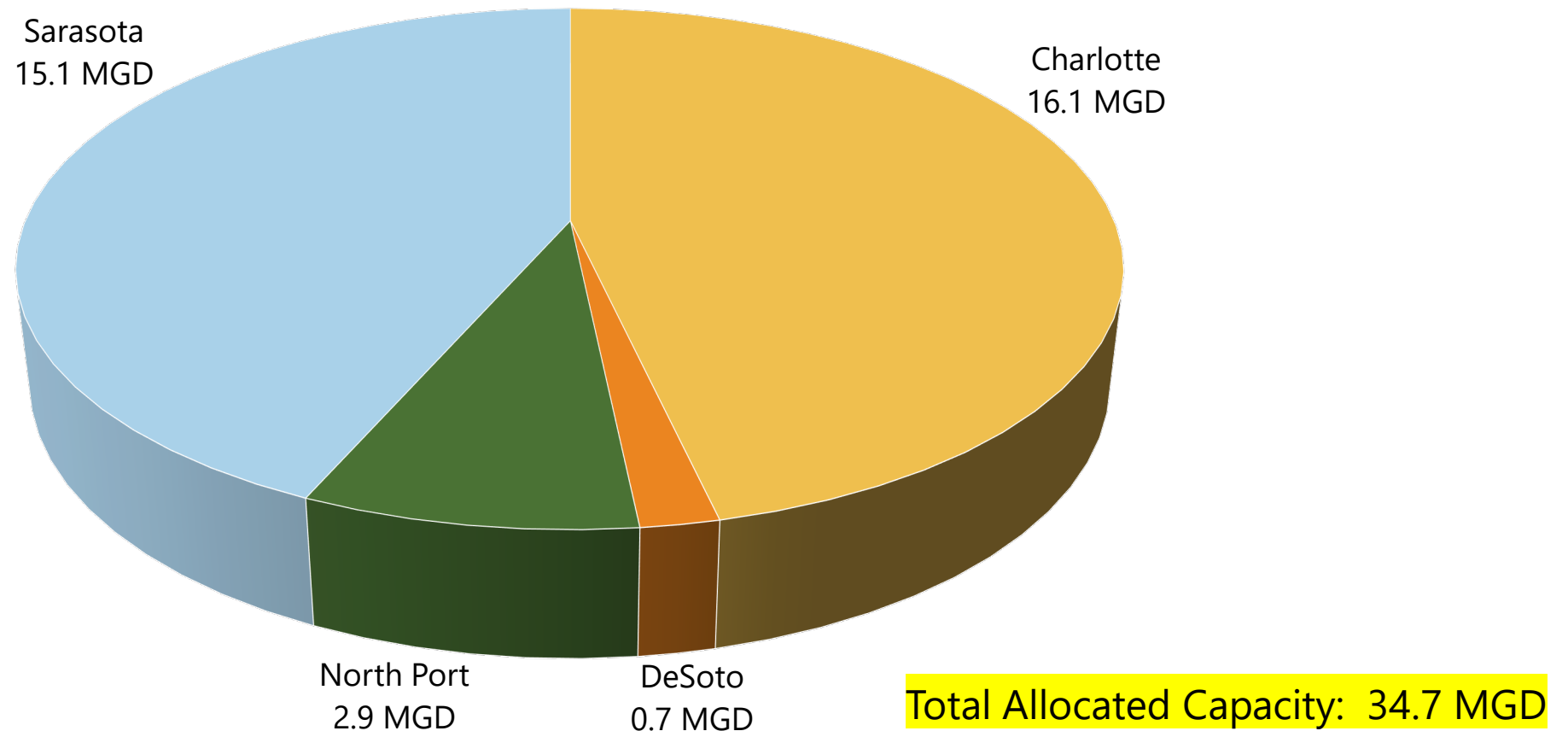
New Regional Water Supplies and Amendment of Master Water Supply Contract



51 MGD Treatment Capacity
120 MGD River Intake
6.5 BG Off-Stream Storage
21 ASR Wells
34.7 MGD Allocated AADF Capacity
Current Avg. Delivery 31 MGD

Background on Regional Demand, Supply & Capacity Allocations

Peace River Facility Water Allocations



Future Water Supply Procedure

“It is the intention of the parties that this Section set forth the manner in which each Customer will request, and the Authority will provide, future water supply from Authority Facilities. The Customers acknowledge that a procedure is necessary to provide the Authority with sufficient lead-time for planning and development of new Water Supply Sources to meet New Water Supply Demands”

(October 5, 2005 Master Water Supply Contract, Section 11)

Summary

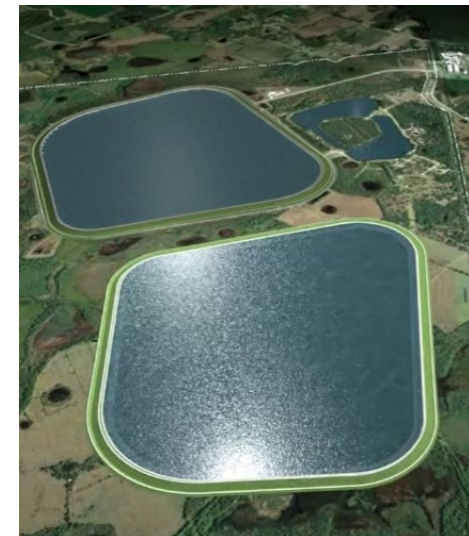
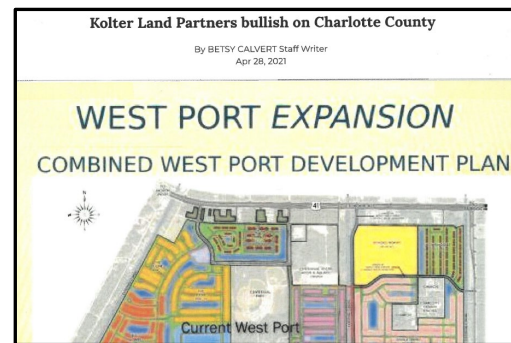
- The Customers will request, and the Authority will provide future supplies from existing and new Regional facilities
- A procedure is needed to provide the Authority sufficient lead-time to plan and develop new supplies

Future Water Supply Procedure

Customer Demand Projections

By January 15 of each Contract Year each Customer shall submit to the Authority a report identifying the following:

- Total projected water demand by Contract Year for the next 20 years (“Total 20-Year Demand”)
- That portion of Total 20-Year Demand the Customer requires the Authority to Fulfill (Authority Supplied Water) in terms of Annual Average Day, Peak Month Average Day and Maximum Daily Quantity; and
- The basis for each projection



Future Water Supply Procedure

Exhibit C – New Water Supply Demands

“... by submitting its projections for Authority Supplied Water each Customer agrees to purchase , and the Authority agrees to supply, that quantity of Authority Supplied Water identified in the first seven (7) Contract Years of the 20-Year Demand (Source - 10/05/2005 MWSC Section 11.2).

- New Water Supply Demands are identified in MWSC Exhibit C
- Exhibit C intended to be amended annually or otherwise as necessary to meet Customer needs
- Contract provides a 7-year window to develop requested new supply capacity

7-Year Supply Development Window								2025 - 2044 Planning Period												
2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044



Future Water Supply Procedure

New Supply Development & Assignment of Allocations

“The Parties acknowledge that planning, permitting and construction of new Authority Water Supplies cannot exactly match the annual New Water Demands. Therefore, the Authority will from time to time develop New Authority Water Sources with water quantities that exceed immediate Customer demand. Upon the Authority determination to develop a new Water Supply Source, the Authority shall assign a proportionate share of the New Water Supply Source Water Allocation to the Customers, to the extent practicable, by applying the New Water Supply Source project quantities to the most immediate New Water Supply Demands. The Authority shall assign Water Allocations to the Customers pro-rata based on their proportionate New Water Supply Demands at the time when the new Water Supply Source Water Allocation would be fully utilized by the total New Water Source Demand...” (October 5, 2005 MWSC Page 17, Section 11.3).

Summary

- New Water Supply Capacity is developed in blocks
- New Capacity will exceed immediate demands
- New Capacity is assigned proportionally based New Water Supply Demands and Source Yield

Customer Projections for New Regional Supply (2024-2044)

7-Year Window

Schedule for New Authority Supply Capacity (2024-2044)							
Planning Year	Year	DeSoto	Sarasota	Manatee	Charlotte	No. Port	Total
Baseline	2024	0.087	0.000	0.000	0.000	0.000	0.09
1	2025	0.110	0.000	0.000	0.000	0.000	0.11
2	2026	0.141	0.000	0.000	0.000	0.000	0.14
3	2027	0.223	0.000	0.000	0.000	0.000	0.22
4	2028	0.295	1.500	0.000	0.000	0.000	1.80
5	2029	0.343	4.000	0.000	0.000	0.000	4.34
6	2030	0.384	4.000	0.000	0.000	0.000	4.38
7	2031	0.405	4.000	0.000	0.000	0.000	4.41
8	2032	0.427	4.000	0.000	0.000	0.000	4.43
9	2033	0.438	8.000	0.000	0.000	0.000	8.44
10	2034	0.449	8.000	0.000	0.000	0.000	8.45
11	2035	0.460	8.000	0.000	0.000	0.000	8.46
12	2036	0.471	8.000	5.000	0.000	0.000	13.47
13	2037	0.483	8.000	5.000	0.000	0.000	13.48
14	2038	0.494	8.000	5.000	0.000	0.000	13.49
15	2039	0.506	8.000	8.000	0.000	0.000	16.51
16	2040	0.518	12.000	8.000	0.000	0.000	20.52
17	2041	0.530	12.000	10.000	0.000	0.000	22.53
18	2042	0.542	12.000	10.000	0.000	0.000	22.54
19	2043	0.554	12.000	10.000	0.000	0.000	22.55
20	2044	0.566	12.000	10.000	0.000	0.000	22.57

MWSC New Water Supply Demands (Annual Average Day)

EXHIBIT "C"
New Water Supply Demands
(approved 2015)

Annual Average Daily Quantity (MGD)						
Fiscal Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY15	0.000	0.000	0.000	0.000	0.000	0.000
FY16	0.000	0.000	0.000	0.000	0.000	0.000
FY17	0.000	0.000	0.000	0.000	0.000	0.000
FY18	0.000	0.000	0.000	0.000	0.000	0.000
FY19	0.000	0.000	0.000	0.000	0.000	0.000
FY20	0.000	0.000	0.000	0.000	0.000	0.000
FY21	0.000	0.000	0.000	0.000	0.000	0.000
FY22	0.000	0.000	0.000	0.000	0.000	0.000

Peak Month Average Daily Quantity (MGD)						
Fiscal Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY15	0.000	0.000	0.000	0.000	0.000	0.000
FY16	0.000	0.000	0.000	0.000	0.000	0.000
FY17	0.000	0.000	0.000	0.000	0.000	0.000
FY18	0.000	0.000	0.000	0.000	0.000	0.000
FY19	0.000	0.000	0.000	0.000	0.000	0.000
FY20	0.000	0.000	0.000	0.000	0.000	0.000
FY21	0.000	0.000	0.000	0.000	0.000	0.000
FY22	0.000	0.000	0.000	0.000	0.000	0.000

Maximum Daily Quantity (MGD)						
Fiscal Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY15	0.000	0.000	0.000	0.000	0.000	0.000
FY16	0.000	0.000	0.000	0.000	0.000	0.000
FY17	0.000	0.000	0.000	0.000	0.000	0.000
FY18	0.000	0.000	0.000	0.000	0.000	0.000
FY19	0.000	0.000	0.000	0.000	0.000	0.000
FY20	0.000	0.000	0.000	0.000	0.000	0.000
FY21	0.000	0.000	0.000	0.000	0.000	0.000
FY22	0.000	0.000	0.000	0.000	0.000	0.000

Annual Average Day, Peak Month Average Day and Maximum Day are expressed in million gallons per day (MGD).

Proposed Exhibit "C"
New Water Supply Demands

Annual Average Daily Quantity (MGD)						
Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
2024	0.000	0.000	0.000	0.000	0.000	0.000
2025	0.000	0.000	0.000	0.000	0.000	0.000
2026	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.295	0.000	1.500	0.000	1.795
2029	0.000	0.343	0.000	4.000	0.000	4.343
2030	0.000	0.384	0.000	4.000	0.000	4.384
2031	0.000	0.405	0.000	4.000	0.000	4.405
2032	0.000	0.540	0.000	8.000	0.000	8.540
2033	0.000	1.000	0.000	17.000	0.000	18.000

7-year

Peak Monthly Average Day = 1.2 X Annual Average Day
Maximum Day = 1.4 X Annual Average Day

MWSC – Water Allocation (Exhibit “B”)

EXHIBIT “B”

Water Allocation
(approved 2015)

Annual Average Daily (MGD)					
Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY05	12.525	0.535	3.048	1.192	17.300
FY06	12.758	0.550	3.500	1.192	18.000
FY07	12.758	0.550	3.500	1.192	18.000
FY08	12.758	0.550	3.500	1.192	18.000
FY09	13.895	0.593	6.808	1.705	23.001
FY10	15.031	0.635	10.116	2.218	28.000
FY11	16.100	0.675	13.225	2.700	32.700
FY12	16.100	0.675	13.225	2.700	32.700
FY13	16.100	0.675	13.225	2.700	32.700
FY14	16.100	0.675	13.225	2.700	32.700
FY15	16.100	0.675	13.225	2.700	32.700
FY16	16.100	0.675	15.060	2.865	34.700
Remaining Years*	16.100	0.675	15.060	2.865	34.700

Peak Monthly Average Day (MGD)					
Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY05	15.030	0.642	3.658	3.146	22.476
FY06	15.310	0.660	4.200	3.146	23.316
FY07	15.310	0.660	4.200	3.146	23.316
FY08	15.310	0.660	4.200	3.146	23.316
FY09	16.187	0.690	7.931	3.146	27.954
FY10	17.512	0.740	11.785	3.146	33.183
FY11	18.757	0.786	15.407	3.146	38.096
FY12	18.757	0.786	15.407	3.146	38.096
FY13	18.757	0.786	15.407	3.146	38.096
FY14	18.757	0.786	15.407	3.146	38.096
FY15	18.757	0.786	15.407	3.146	38.096
FY16	19.320	0.810	18.084	3.438	41.652
Remaining Years*	19.320	0.810	18.084	3.438	41.652

Maximum Day (MGD)					
Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY05	17.535	0.749	4.267	3.780	26.331
FY06	17.861	0.770	4.900	3.780	27.311
FY07	17.861	0.770	4.900	3.780	27.311
FY08	17.861	0.770	4.900	3.780	27.311
FY09	19.453	0.830	9.531	3.780	33.594
FY10	21.043	0.889	14.162	3.780	39.874
FY11	22.540	0.945	18.515	3.780	45.780
FY12	22.540	0.945	18.515	3.780	45.780
FY13	22.540	0.945	18.515	3.780	45.780
FY14	22.540	0.945	18.515	3.780	45.780
FY15	22.540	0.945	18.515	3.780	45.780
FY16	22.540	0.945	21.084	4.011	48.580
Remaining Years*	22.540	0.945	21.084	4.011	48.580

Annual Average Day, Peak Monthly Average Day, Maximum Day are expressed in million gallons per day (MGD).

Proposed New Exhibit “B” Water Allocations

Annual Average Day Quantity (MGD)						
Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY24	16.100	0.675	0.000	15.060	2.865	34.700
FY25	16.100	0.675	0.000	15.060	2.865	34.700
FY26	16.100	0.675	0.000	15.060	2.865	34.700
FY27	16.100	0.675	0.000	15.060	2.865	34.700
FY28	16.100	0.970	0.000	16.560	2.865	36.425
FY29	16.100	1.018	0.000	19.060	2.865	39.043
FY30	16.100	1.059	0.000	19.060	2.865	39.084
FY31	16.100	1.080	0.000	19.060	2.865	39.105
FY32	16.100	1.215	0.000	23.060	2.865	43.240
FY33	16.100	1.675	0.000	32.060	2.865	52.700
Remaining Years	16.100	1.675	0.000	32.060	2.865	52.700

Peak Monthly Average Day = 1.2 X Annual Average Day
Maximum Day = 1.4 X Annual Average Day

Exhibit “F” Cost Allocation Percentages (by Supply Project)

EXHIBIT “F”

FL#2005012976 B 570 P1062
REC NO. 07528506341

COST ALLOCATION PERCENTAGES

	<u>Charlotte</u>	<u>DeSoto</u>	<u>Sarasota</u>	<u>North Port</u>
Peace River Regional Water Treatment Facility (1991 Facility) Cost Allocation	89.65%	0.42%	0.00%	9.93%
PRO Cost Allocation	33.33%	8.33%	58.34%	0.00%
REP Cost Allocation*	27.21%	0.81%	61.72%	10.26%

* The REP cost allocation percentages were applied to the total oversized facilities payment to Charlotte for the REP; however, Charlotte paid in advance for its portion so that payment by the remaining participating Customers is made pursuant to the cost allocation percentages in Section 18.2, as follows: Sarasota paying 85.62%, North Port paying 13.28% and DeSoto paying 1.1%.

Proposed Exhibit “F” Cost Allocation Percentages

Project	Charlotte	DeSoto	Sarasota	North Port
Peace River Regional Water Treatment Facility (1991 Facility) Cost Allocation	89.65%	0.42%	0.00%	9.93%
Peace River Option Cost Allocation	33.33%	8.33%	58.34%	0.00%
Regional Expansion Project Cost Allocation	27.21%	0.81%	61.72%	10.26%
1991 Rebuild Project Cost Allocation	0.00%	0.00%	91.75%	8.25%
Surface Water System Expansion Cost Allocation	0.00%	5.55%	94.45%	0.00%

Exhibit “H” Water Allocation by Project

EXHIBIT “H”

FL#2005012976 B 570 P1068
REC NO. 07528506341

Water Allocation by Project

	Charlotte	DeSoto	Sarasota	North Port
Peace River Regional Water Supply Facility (1991 Facility)	10.758	0.050	0.000	1.192
PRO Water Allocation	2.000	0.500	3.500	0.000
REP Water Allocation	3.342	0.125	9.725	1.508

Proposed Exhibit “H”
Water Allocation by Project (MGD)

Project	Charlotte	DeSoto	Sarasota	North Port
Peace River Regional Water Treatment Facility (1991 Facility) Allocation	10.758	0.050	0.000	1.192
Peace River Option Cost Allocation	2.00	0.500	3.500	0.000
Regional Expansion Project Cost Allocation	3.342	0.125	9.725	1.508
1991 Rebuild Project Cost Allocation	0.000	0.000	1.835	0.165
Surface Water System Expansion Cost Allocation	0.000	1.00	17.00	0.000

DeSoto Payment - History & Intent

- Original Peace River Facility Owned by General Development – Paid Property Tax
- Section 16.7 Master Water Supply Contract (10/05/2005)

The Authority shall collect from it's Customers in accordance with Exhibit "A", the DeSoto Payment and remit it to DeSoto. If the Quantities of water allocated to the Authority under SWFWMD Water Use Permit Number 2010420.01 issued in 1996 for 32.7 MGD annual average are modified, or if additional entities become Customers of the Authority, then the amount of the DeSoto Payment to be paid to DeSoto shall be readdressed by all parties to this Contract.

MWSC Exhibit “A” (Approved 2015)

Included for Reference
Not part of Exhibit “A”

Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total	Allocated Capacity MGD	\$\$ per MGD Allocated
FY 2005	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000	17.300	\$30,058
FY 2006	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000	18.000	\$28,889
FY 2007	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000	18.000	\$28,889
FY 2008	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000	18.000	\$28,889
FY 2009	\$361,403	\$15,424	\$177,073	\$44,346	\$598,247	23.001	\$26,010
FY 2010	\$363,140	\$15,341	\$244,396	\$53,586	\$676,463	28.000	\$24,159
FY 2011	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000	32.700	\$22,936
FY 2012	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000	32.700	\$22,936
FY 2013	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000	32.700	\$22,936
FY 2014	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000	32.700	\$22,936
FY 2015	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000	32.700	\$22,936
FY 2016	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000	34.700	\$22,935
Remaining Yrs	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000	34.700	\$22,935

Contract Methodology

- Current DeSoto Payment based on Peace River WUP 34.7 MGD AADF
- DeSoto Payment = \$796,000 split pro-rata based on Customer Allocations
- Readdress by all parties if WUP changes or with new Customer(s)

Adjustment Considerations

- Peace River WUP increased in 2019 to 80 MGD AADF
- DeSoto County request to consider inflation as part of adjustment

Proposed Methodology

- 2015 Contract WUP Permitted Capacity = 34.7 MGD
- DeSoto Payment = \$796,000
- Unit Cost per million gallon permitted = \$22,939
- ENR Construction Cost Increase 2015 – through 2023 = 33.124%
- New WUP Permitted Quantities = 80 MGD
- New unit cost per million gallon ($\$22,939 \times 1.33124$) = \$30,537
- Base Payment ($\$30,537 \times 80$ MGD) = \$2,442,720
- Escalate to 2028 @ 2015-2023 Avg ENR 4.31% annual = \$2,863,813 (New Payment)
- New Payment becomes effective 10/01/2027 (FY 2028)
- Total payment escalates by ENR factor annually after FY 2028

Exhibit “A” - DeSoto Payment

EXHIBIT “A”

DeSoto Payment Schedule (approved 2015)

DeSoto Payment (Annual Assessment)					
Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY05	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY06	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY07	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY08	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY09	\$361,403	\$15,424	\$177,073	\$44,346	\$598,247
FY10	\$363,140	\$15,341	\$244,396	\$53,586	\$676,463
FY11	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY12	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY13	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY14	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY15	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY16	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000
Remaining Years	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000

Proposed Exhibit “A” – DeSoto Payment

Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY 2024	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000
FY 2025	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000
FY 2026	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000
FY 2027	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000
FY 2028	\$874,903	\$91,023	\$1,742,198	\$155,689	\$2,863,813
FY 2029	TBD	TBD	TBD	TBD	TBD
FY 2030	TBD	TBD	TBD	TBD	TBD
FY 2031	TBD	TBD	TBD	TBD	TBD
FY 2032	TBD	TBD	TBD	TBD	TBD
FY 2033	TBD	TBD	TBD	TBD	TBD
Remaining Years	TBD	TBD	TBD	TBD	TBD

Master Water Supply Contract Revisions – Clean-Up

- Contract Clean-Up Changes Review and Discussion:
 - Process Reviewed at August 2021 Board Meeting
 - September 8, 2021, Professional Staff Meeting
 - October 1, 2021, Board Workshop
 - November 3, 2021, Professional Staff Meeting
 - January 12, 2022, Professional Staff Meeting
 - April 6, 2022, Board Meeting
 - May 4, 2022, Professional Staff Meeting
 - June 1, 2022 Board of Directors Workshop presentation on Revisions
 - Proposed Third Amendment to the MWSC reviewed by Customer attorneys and sent to Board Member January 2023
 - Update with the Customer water supply demand received January 2024 and Desoto Payment

Process for Amending Master Water Supply Contract

- 1) Board Approval of amended Contract Exhibits
- 2) Board Approval of amended Contract language (“Clean-Up”)
- 3) Board approval to transmit amended Contract and Exhibits to Authority Customers with request for approval by each of the 5 Customers BOCC’s
- 4) Customer BOCC action on Contract changes
 - a) Changes proposed by Customer BOCC’s would need to go through steps 1-3 above again
- 5) Authority Board final approval of Contract changes

Motions

- 1) To Approve Amended Exhibits “A”, “B”, “C”, “F” & “H” in the Master Water Supply Contract as Presented
- 2) To Approve Amended Master Water Supply Contract Language (“Clean-Up”) as presented
- 3) To Authorize the Executive Director to transmit Amended Contract and Exhibits to Authority Customers with Request for Approval by their Respective BOCC’s.