

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS WORKSHOP**

AGENDA

February 7, 2024 @ 9:30 a.m.

Peace River Facility
Water Quality & Training Center
8998 SW County Road 769 (Kings Highway), Arcadia, FL 34269

Additional information may be obtained by contacting the Peace River Manasota Regional Water Supply Authority, 9415 Town Center Parkway, Lakewood Ranch, Florida 34202 or through the Authority's website www.regionalwater.org. Persons with disabilities who need assistance may call (941) 316-1776 at least two business days in advance to make appropriate arrangements. No Stenographic record by a certified court reporter is being made of this meeting. Accordingly, any person who may seek to appeal any decisions involving the matters noticed herein will be responsible for making verbatim record of the testimony and evidence at this meeting which may be necessary to appeal such decisions.

BOARD OF DIRECTORS

Commissioner Elton Langford, DeSoto County
Commissioner Joe Tiseo, Charlotte County
Commissioner Jason Bearden, Manatee County
Commissioner Mike Moran, Sarasota County

CALL TO ORDER

PUBLIC COMMENTS

Any individual wishing to address the Board on an item on the Workshop Agenda or an issue that does not appear on the agenda should complete a 'request to speak' card and submit it to the Authority's recording clerk prior to this Public Comments item. Each person that submits a 'request to speak' card will have three (3) minutes to address the Board. Fifteen (15) minutes is provided for this Public Comment item unless additional time is needed for individuals to address the Board. If the time limit is exhausted and there are still individuals that want to address the Board, the Board will entertain any remaining comments near the end of the meeting. Comments on Workshop Agenda Items will be heard first.

AGENDA

1. Master Water Supply Contract – New Water Supply Procedure
2. New Water Supply Quantities and Timing
3. Regional Water Supply Project Options
4. Project Funding Strategies
5. Master Water Supply Contract Updates
6. Summary & Next Steps

BOARD MEMBER COMMENTS

PUBLIC COMMENTS *(if necessary)*

Individuals who previously submitted a 'request to speak' card to the Authority's recording clerk and there was inadequate time during the initial Public Comments item for them to speak, will be given three (3) minutes per person to address the Board.

ADJOURNMENT

Visit the Business page of our website www.regionalwater.org to access the Agenda Packet

Board Workshop

February 7, 2024



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Workshop Agenda



- **Master Water Supply Contract – New Water Supply Procedure**
- **New Water Supply Quantities and Timing**
- **Regional Water Supply Project Options**
- **Project Funding Strategies**
- **Master Water Supply Contract Updates**
- **Summary & Next Steps**



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Workshop Agenda



- **Master Water Supply Contract – Future Water Supply Procedure**
- **New Water Supply Quantities and Timing**
- **Regional Water Supply Project Options**
- **Project Funding Strategies**
- **Master Water Supply Contract Updates**
- **Summary & Next Steps**



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October 2005 Master Water Supply Contract



- Contract between the Authority and 5 Customers
 - Governs development and delivery of regional water to Authority Customers
- 1 [
 - Methodology for Authority development of future water supplies
 - 2 [
 - Contract update due to focus on the Regional Expansion Program which was completed 2009
 - Contract Amendments for New Water Supply



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Future Water Supply Procedure

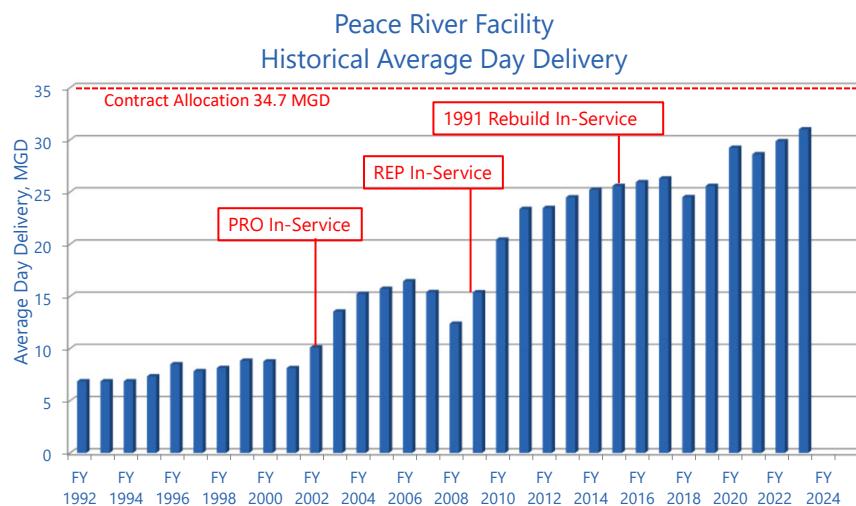
Presentation Outline

- Background on Regional Demand, Supply & Capacity Allocations
- Future Water Supply Procedure
 - Steps in the Process
 - MWSC Capacity Allocation Tables
 - Additional Exhibits in the MWSC Relating to Supply Capacity
- Summary



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Background on Regional Demand, Supply & Capacity Allocations

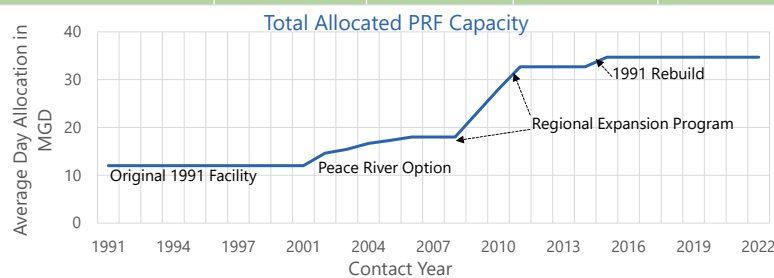


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Background on Regional Demand, Supply and Capacity Allocations

Past Projects, Capacity Allocations & MWSC Amendments

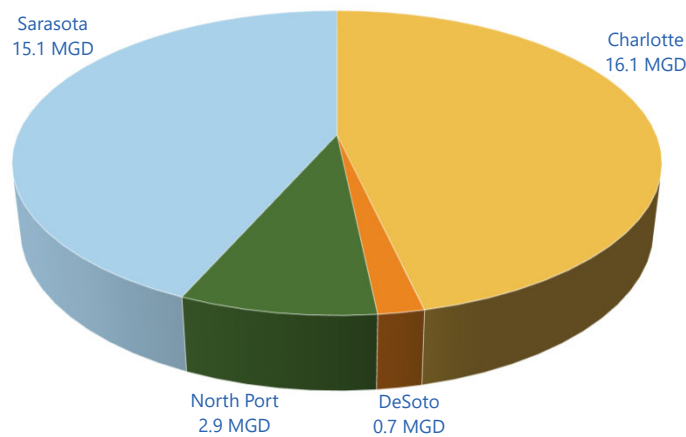
Project	Charlotte	DeSoto	Sarasota	North Port	Total ADF	Treatment Capacity Added
Original PRF (1991)	10.758	0.050	0.000	1.192	12.000	12.000
Peace River Option (PRO)	2.000	0.500	3.500	0.000	6.000	12.000
Reg. Expansion Prog. (REP)	3.342	0.125	9.725	1.508	14.700	24.000
1991 Rebuild (2015)	0.000	0.000	1.835	0.165	2.000	3.000
Total	16.100	0.675	15.060	2.865	34.700	51.000



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Background on Regional Demand, Supply & Capacity Allocations

Peace River Facility Water Allocations



Total Allocated Capacity: 34.7 MGD

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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)



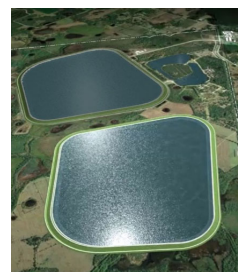
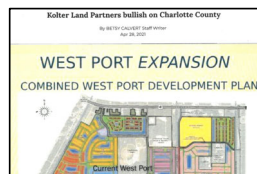
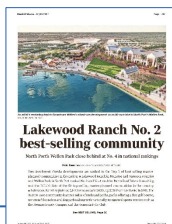
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Future Water Supply Procedure

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



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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



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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



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Future Water Supply Procedure

MWSC Capacity Allocations Today

Water Allocation
(approved 2015)

Exhibit "B"

Contract Fiscal Year	Annual Average Daily (MGD)				Total
	Charlotte County	DeSoto County	Sarasota County	City of North Port	
FY05	12,525	0.555	3,048	1.192	17,300
FY06	12,758	0.559	3,500	1.192	18,000
FY07	12,758	0.559	3,500	1.192	18,000
FY08	12,758	0.559	3,500	1.192	18,000
FY09	13,893	0.563	6,808	1.705	23,000
FY10	15,031	0.633	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

Contract Fiscal Year	Peak Monthly Average Day (MGD)				Total
	Charlotte County	DeSoto County	Sarasota County	City of North Port	
FY05	15,030	0.642	3,458	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	7,251	3.146	27,234
FY10	17,512	0.740	11,785	3.146	33,183
FY11	18,757	0.785	15,497	3.146	38,085
FY12	18,757	0.785	15,497	3.146	38,085
FY13	18,757	0.785	15,497	3.146	38,085
FY14	18,757	0.785	15,497	3.146	38,085
FY15	18,757	0.785	15,497	3.146	38,085
FY16	19,320	0.810	18,084	3,438	41,652
Remaining Years*	19,320	0.810	18,084	3,438	41,652

Contract Fiscal Year	Maximum Day (MGD)				Total
	Charlotte County	DeSoto County	Sarasota County	City of North Port	
FY05	17,333	0.749	4,287	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).



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

Fiscal Year	Annual Average Daily Quantity (MGD)					Total
	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	
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

Fiscal Year	Peak Month Average Daily Quantity (MGD)					Total
	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	
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

Fiscal Year	Maximum Daily Quantity (MGD)					Total
	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	
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).

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Future Water Supply Procedure

Additional Exhibits in MWSC Relating to New Supply Capacity

EXHIBIT "F"

COST ALLOCATION PERCENTAGES

	Charlotte	DeSoto	Sarasota	North Port
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%.

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Future Water Supply Procedure

Additional Exhibits in MWSC Relating to New Supply Capacity

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

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Future Water Supply Procedure

- Methodology in the Master Water Supply Contract (MWSC)
- System Expanded 3 times to meet Customer needs in past years
- Customers have requested New Water Supply
 - How much capacity and when
 - Projects available to meet the need
 - Capital costs and financing/funding options
 - MWSC modifications needed to develop new supply
 - Next steps – decisions & timing

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Workshop Agenda



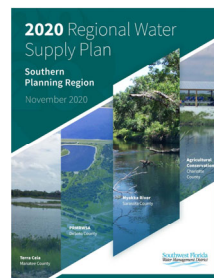
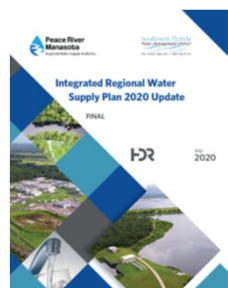
- Master Water Supply Contract – New Water Supply Procedure
- **New Water Supply Quantities and Timing**
- Regional Water Supply Project Options
- Project Funding Strategies
- Master Water Supply Contract Updates
- Summary & Next Steps



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Regional Demand Projections (2024-2044)

- Background on Authority Supply Planning Efforts
- **2024 Customer Projections / Requested New Authority Supplies**
 - Schedule of Requested Quantities from the Authority



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Regional Demand Projections (2024-2044)

➤ Background: Regional Supply Planning & Preparation

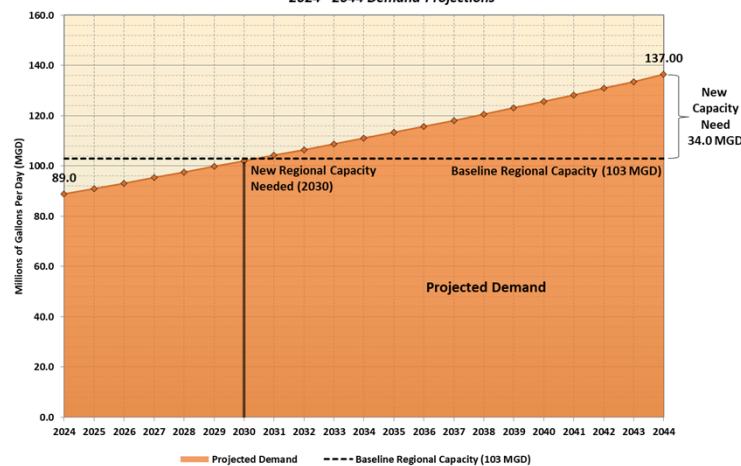
- Planning, Permitting, Design, Construction Take Time
- 2015: IRWSMP: Prioritize SW Supply Expansion Project (SWSEP)
- 2017 Applied for WUP Increase
- 2019 50-Year WUP Issued
- 2020 IRWSP Identified New Supply Need by 2030
- 2020 Began Feasibility Study for PR3 Project
- 2022 Begin Preliminary Design for PR3 Project
- **2022: Customers Requested New Authority Supply, Online by 2028 (Year 6)**
 - **Projected New Quantities by 2042:**
 - ✓ DeSoto: 0.44 MGD
 - ✓ Sarasota: 6.70 MGD
 - ✓ Charlotte: 11.45 MGD
 - ✓ Manatee: 5.00 MGD
 - ✓ No. Port: 0.00 MGD
 - Total: 23.60 MGD**
- **2022: Board Selected "SWSEP" as Supply Source for New Capacity in August**



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Customer 2024 Regional Demand Projections (2024-2044)

Peace River Manasota Regional Water Supply Authority
Total Finished Capacity Required for Member/Customer Demand Projections
2024 - 2044 Demand Projections



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Regional Demand Projections (2024-2044)

➤ 2024 Customer Projected New Authority Supply Needs

- Continued Request for New Authority Supply Online by 2028

- Projected New Quantities by 2044: Difference vs 2022 Request:

✓ DeSoto:	0.57 MGD	+ 0.013 MGD
✓ Sarasota:	12.00 MGD	+ 5.300 MGD
✓ Charlotte:	0.00 MGD	- 11.450 MGD
✓ Manatee:	10.00 MGD	+ 5.000 MGD
✓ No. Port:	0.00 MGD	0.000 MGD
Total:	22.57 MGD	- 1.030 MGD

- New Authority Capacity: ~ 66% of 34 MGD of New Regionwide Capacity Projected (2044)



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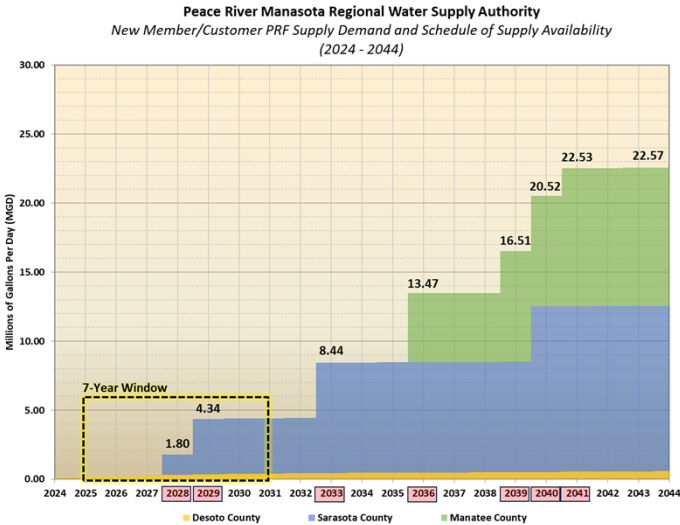
Regional Demand Projections (2024-2044)

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

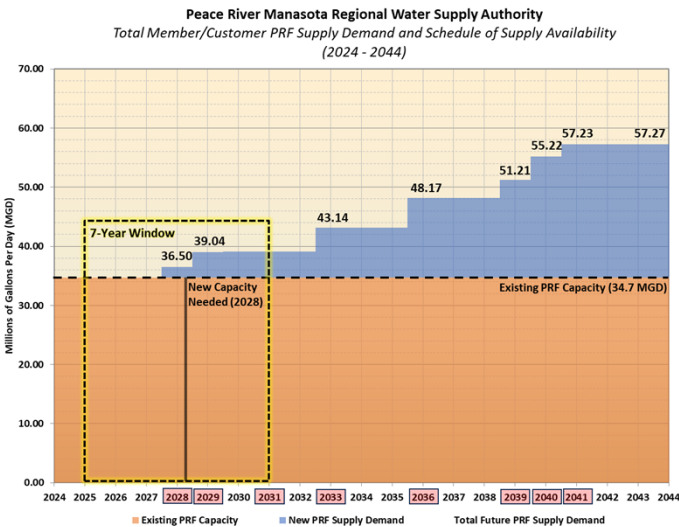


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Customer Identified Need for New Authority Regional Supply from PRF Schedule for New Authority Supply 2024-2044 (22.57 MGD Increase)

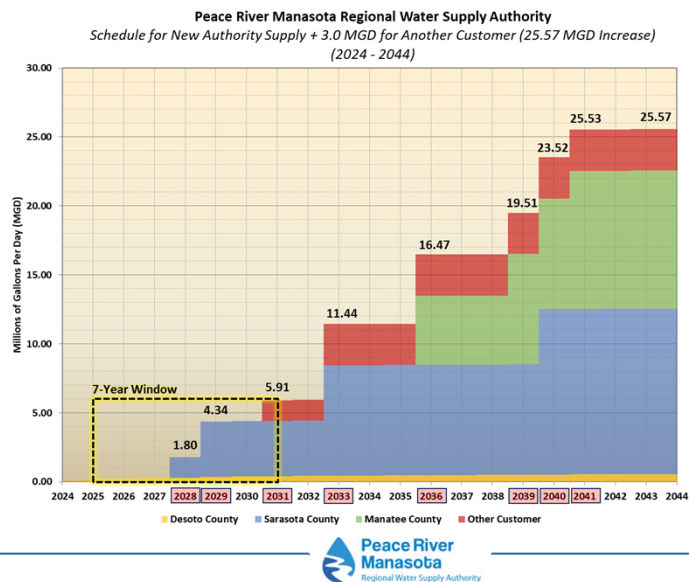


Customer Identified Need for New Authority Regional Supply from PRF Existing and Requested New Authority Supply 2024-2044 (22.57 MGD Increase)



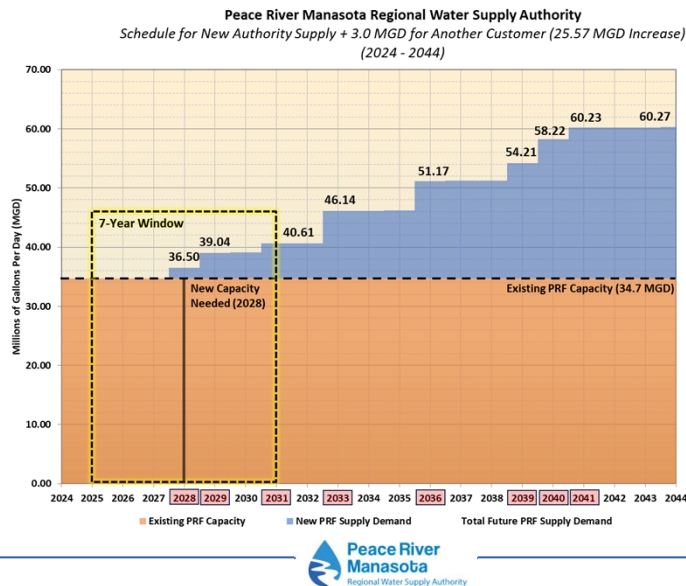
Customer Identified Need for New Authority Regional Supply from PRF

Schedule for New Authority Supply + 3.0 MGD for Another Customer (25.57 MGD Increase)



Customer Identified Need for New Authority Regional Supply from PRF

Existing and Requested New Authority Supply + 3.0 MGD for Another Customer (25.57 MGD Increase)



Customer Identified Need for New Authority Regional Supply from PRF

Summary of Key Findings – Customer Demand Projections:

1. Customer Requested Quantities Supported by Regional Projections
2. New Regional Supply Capacity Needed by 2028
 - a. 1.8 MGD by 2028
 - b. 4.4 MGD by 2031
 - c. 8.4 MGD by 2033
 - d. 13.5 MGD by 2036
 - e. 22.5 MGD by 2041
3. Consider Projections Beyond “7 Year Window” in Source Selection



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Workshop Agenda

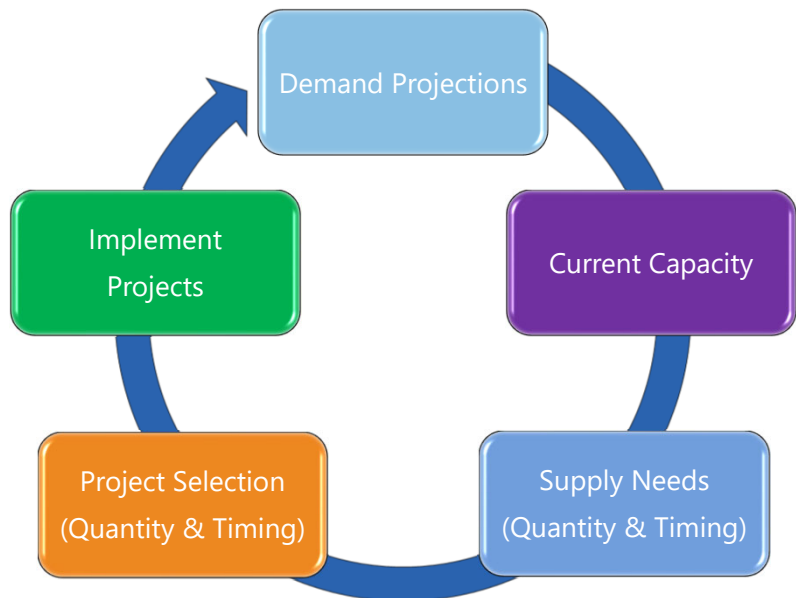


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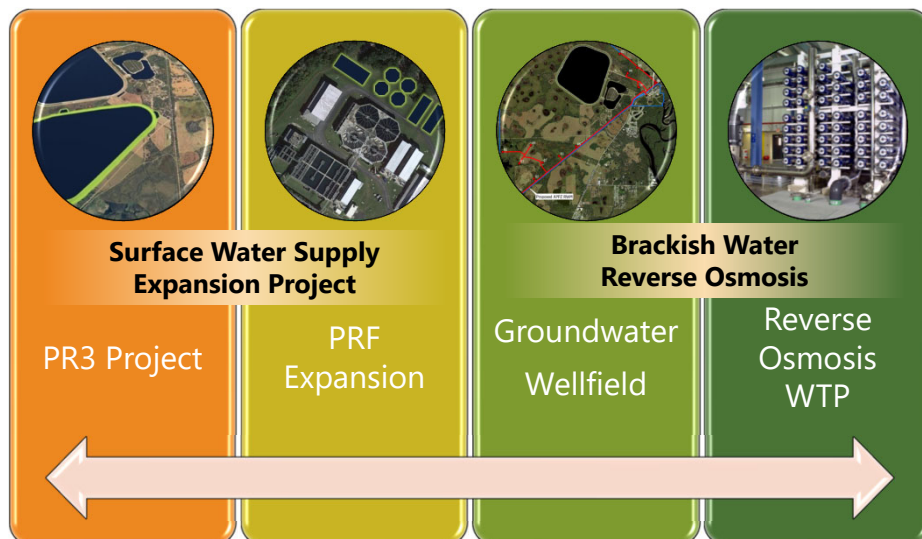


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Surface Water Supply Expansion Project (SWSEP)

PR3 Project



- New 9 BG Reservoir
- New River Pump Station & Pipeline
- New/Rehab. Reservoir 1 Pump Sta.
- Environmental Mitigation
- \$335M



PRF Expansion Project



- New 24 MGD Plant Expansion
- New Chemical Storage & Pumping
- New Belt Filter Press
- \$153M

Up to 18 MGD Avg Day Yield



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PR3 Procurement Strategy

PR3 Components

- Reservoir No. 3
- River Intake Pump Station
- Reservoir Pump Station
- Conveyance Pipelines



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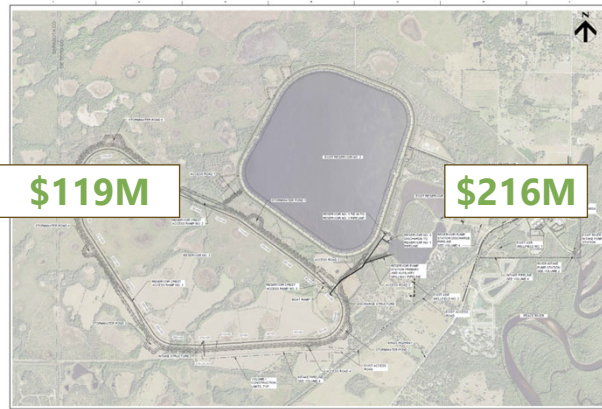
PR3 Procurement Strategy

Construction Management at Risk

- Reservoir No. 3
- River Intake Pump Station
- Reservoir Pump Station
- Conveyance Pipelines



Design-Bid-Build



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PRF Expansion Project Procurement Strategy

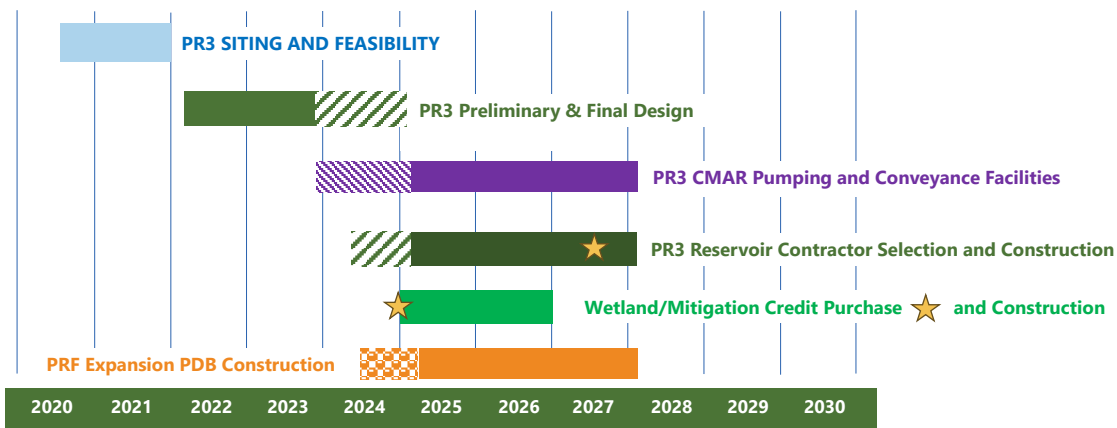
Progressive Design Build (PDB)

- ✓ Contractor + Design Engineer Team
- ✓ Design Documents are currently at 30% with a Design Criteria Package and Treatment Technology Determined
- ✓ Opportunity for Collaboration between owner/ designer/ contractor
- ✓ Schedule driver for Substantial Completion in January 2028



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SWSEP Project Schedule



- PR3 Pumping and Conveyance Piping – GMP and Construction February 2025
- PR3 Reservoir – Contractor Bid and Construction Begin February 2025. Filling by summer 2027
- PRF Expansion – PDB Selection in June and GMP and Construction April February 2025



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SWSEP Costs and Funding Opportunities

Phase	Resilient Florida Program	SWFWMD Cooperative Funding		State Funds FY24	Total Grant Funding	Estimated Cost	Customer Share
	FY24	FY24	Future				
PR3 Final Design	\$7.5M	\$1M			\$8.5M	\$8.5M	\$0
PR3 CMAR 1 st Package ECI	-	\$3M			\$3M	\$3M	\$0
PR3 CMAR Construction		\$11M	\$50M	\$10M	\$71M	\$123.5M	\$52.5M
PR3 Reservoir Construction	-	-	\$50.7M		\$50.7M	\$216M	\$165.3M
PRF Expansion						\$153M	\$153M
					\$133.2M	\$504M*	\$370.8M

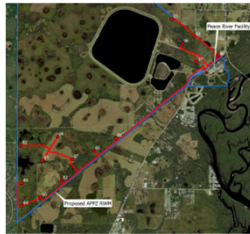
*Does not include mitigation costs



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Brackish Groundwater Reverse Osmosis Project (BWRO)

Groundwater Wellfield



- 21 New Groundwater Wells
- 47,000 LF of Raw Water Transmission Mains
- Environmental Mitigation
- \$75.7M



Reverse Osmosis Treatment Plant



- New 12 MGD RO Treatment Plant
- Two 2MG Finished Water Storage Tanks
- Concentrate Injection Wells and Piping
- \$185.7M

8 MGD Avg Day Yield



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Brackish Water RO Project Procurement Strategy

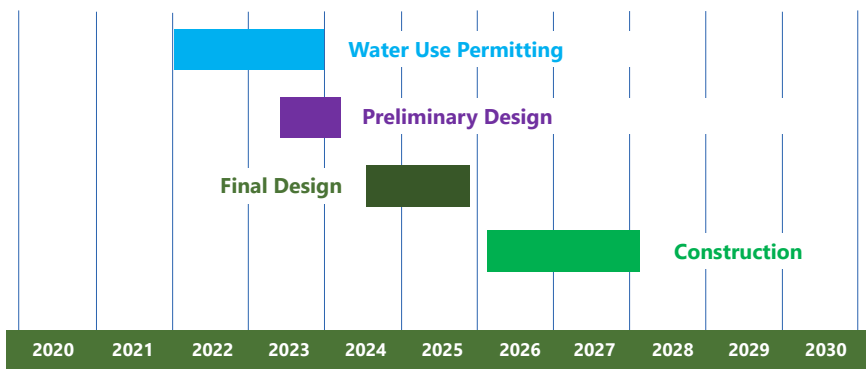
Traditional Design Bid Build

- ✓ Preliminary Design Contract with Design Consultant Through Final Design
- ✓ Schedule Not a Driver
- ✓ Reverse Osmosis Trains are standard industry components
- ✓ Concentrate Well Drillers limited
- ✓ Traditional Design, Bid, Build Recommendation



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BWRO Project Schedule



- Water Use Permit was secured in November 2023
- Preliminary Design (30%) Began June 2023, with Completion in April 2024
- Final Design Anticipated to begin June 2024, with Completion in October 2025
- Construction Begin February 2025 – Complete January 2028



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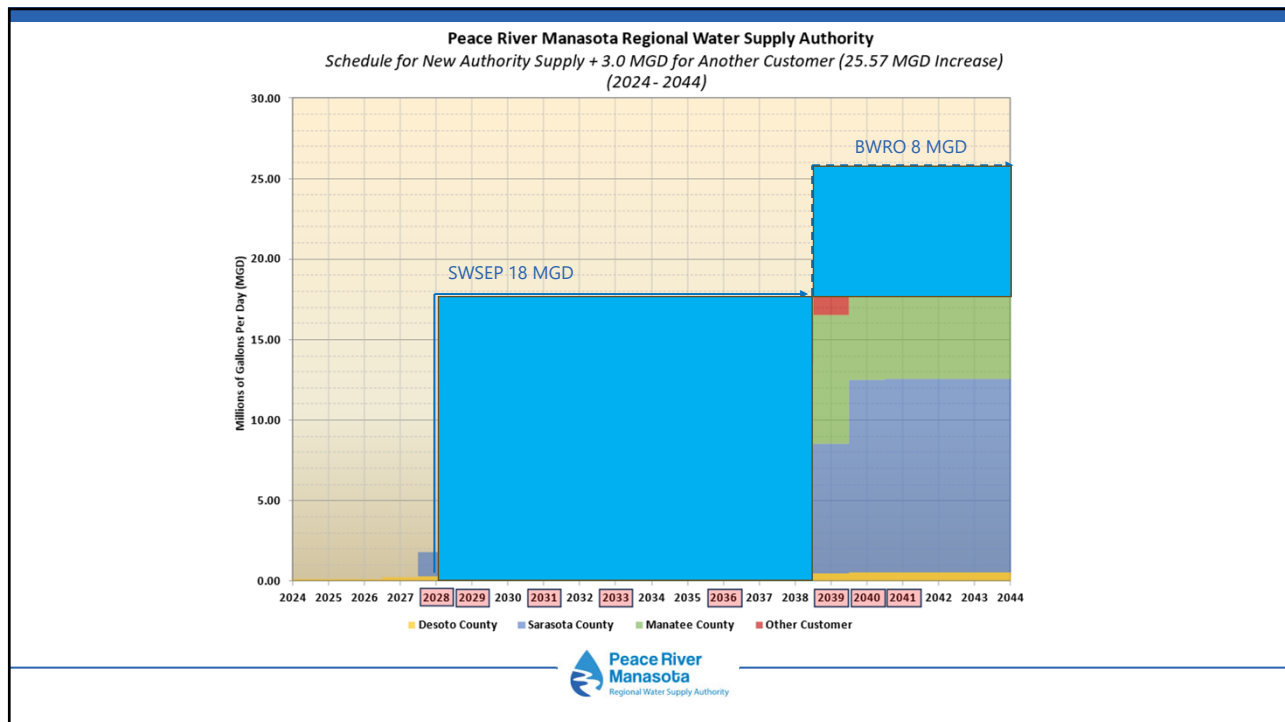
BWRO Project Costs

Phase	SWFWMD Cooperative Funding		Total Grant Funding	Estimated Cost	Customer Share
	FY24	Future			
Preliminary Design				\$5.5M	\$5.5M
Final Design (Est)				\$18M	\$18M
Wellfield & Transmission Construction				\$75.7M	\$75.7M
BWRO Facility & Concentrate	-			\$185.7M	\$185.7M
				\$284.9M*	\$284.9M

*Does not include mitigation costs



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Workshop Agenda



- Master Water Supply Contract – New Water Supply Process
- New Water Supply Quantities and Timing
- Regional Water Supply Project Options
- **Project Funding Strategies**
- Master Water Supply Contract Updates
- Summary & Next Steps

Peace River Manasota
Regional Water Supply Authority

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Publicly Offered Tax Exempt Bond Issue

Advantages

- 30–40-year Term
- Flexible Structure and Timing
- Funds Available as of Close
- No Federal Compliance or Reporting Requirements
- Relatively Fast Process; No Application
- Unlimited Funding Availability

Disadvantages

- 3-year Capitalized Interest
- Typical 10-year Call
- Spend Down Requirements
- Costs of Issuance



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WIFIA

Advantages

- Flexible, Draw-Down Structure
- 35-year Term after Substantial Completion
- Capitalized Interest 5 years after Substantial Completion
- Prepayment Flexibility
- Historically Lower Rates

Disadvantages

- Reimbursement Draws
- Federal Compliance and Reporting Requirements
- Only Funds 49%
- Longer Application & Approval Process
- Limited Funding Availability



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Creative Funding Strategies

- Debt Structure
 - Longer term
 - Backloading, Wrapping Debt
 - Maximize Capitalized Interest Period
 - Investment Strategies to Cover/ Offset Interest Costs
- 2014B Bond Refunding
 - Callable October 2024
 - Early Indications – 16% savings (\$9.2MM NPV)
 - Potential Restructuring to Enhance Near-Term Capacity for New Debt



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Model Assumptions

- \$372 Million to Finance SWSEP (\$20.67 Million per MGD)
 - WIFIA/Bond Structure
 - Includes Capitalized Interest, Wrapped Debt Service
 - Estimated Interest Rate: 4.62%
- Example Model Run
 - Sarasota County: 12 MGD, \$248 Million
 - Charlotte County: 3 MGD, \$62 Million
 - City of North Port: 2 MGD, \$41.34 Million
 - DeSoto County: 1 MGD, \$20.67 Million



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Model Results: Sarasota Co- 12 MGD

Fiscal Year	Debt per kGal (Additional 12 MGD Allocation Only)	Debt per kGal (Current 15.06 MGD Allocation)	Total Assumed Allocation (MGD)	Homogenized DS Rate from PRMRWSA \$/Kgal (Total Assumed Allocation)	Difference (per Kgal) of Current Debt & Homogenized DS Rate
2025	\$ -	\$ 1.21	15.1	\$ 1.21	\$ -
2026	\$ -	\$ 1.21	15.1	\$ 1.21	\$ -
2027	\$ -	\$ 1.21	15.1	\$ 1.21	\$ -
2028	\$ -	\$ 1.21	15.1	\$ 1.21	\$ -
2029	\$ 1.12	\$ 1.21	27.1	\$ 1.17	\$ -
2030	\$ 1.12	\$ 1.21	27.1	\$ 1.17	\$ -
2031	\$ 1.12	\$ 1.21	27.1	\$ 1.17	\$ -
2032	\$ 1.12	\$ 1.21	27.1	\$ 1.17	\$ -
2033	\$ 4.07	\$ 1.21	27.1	\$ 2.48	\$ 1.27
2034	\$ 4.07	\$ 1.21	27.1	\$ 2.48	\$ 1.27
2035	\$ 4.07	\$ 1.21	27.1	\$ 2.48	\$ 1.27
2036	\$ 4.07	\$ 1.12	27.1	\$ 2.43	\$ 1.22
2037	\$ 4.07	\$ 1.02	27.1	\$ 2.37	\$ 1.16
2038	\$ 4.07	\$ 0.83	27.1	\$ 2.26	\$ 1.05
2039	\$ 4.07	\$ 0.83	27.1	\$ 2.26	\$ 1.05
2040	\$ 4.07	\$ 0.82	27.1	\$ 2.26	\$ 1.05
2041	\$ 5.06	\$ -	27.1	\$ 2.24	\$ 1.03
2042	\$ 5.06	\$ -	27.1	\$ 2.24	\$ 1.03

*Rates are prospective and subject to change



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Model Results: Charlotte Co- 3 MGD

Fiscal Year	Debt per kGal (Additional 3MGD Allocation Only)	Debt per kGal (Current 16.1 MGD Allocation)	Total Assumed Allocation (MGD)	Homogenized DS Rate from PRMRWSA \$/Kgal (Total Assumed Allocation)	Difference (per Kgal) of Current Debt & Homogenized DS Rate
2025	\$ -	\$ 0.38	16.1	\$ 0.38	\$ -
2026	\$ -	\$ 0.38	16.1	\$ 0.38	\$ -
2027	\$ -	\$ 0.38	16.1	\$ 0.38	\$ -
2028	\$ -	\$ 0.38	16.1	\$ 0.38	\$ -
2029	\$ 1.12	\$ 0.41	19.1	\$ 0.52	\$ 0.11
2030	\$ 1.12	\$ 0.41	19.1	\$ 0.52	\$ 0.11
2031	\$ 1.12	\$ 0.40	19.1	\$ 0.52	\$ 0.11
2032	\$ 1.12	\$ 0.40	19.1	\$ 0.52	\$ 0.11
2033	\$ 4.07	\$ 0.41	19.1	\$ 0.98	\$ 0.57
2034	\$ 4.07	\$ 0.40	19.1	\$ 0.98	\$ 0.57
2035	\$ 4.07	\$ 0.41	19.1	\$ 0.98	\$ 0.57
2036	\$ 4.07	\$ -	19.1	\$ 0.64	\$ 0.23
2037	\$ 4.07	\$ -	19.1	\$ 0.64	\$ 0.23
2038	\$ 4.07	\$ -	19.1	\$ 0.64	\$ 0.23
2039	\$ 4.07	\$ -	19.1	\$ 0.64	\$ 0.23
2040	\$ 4.07	\$ -	19.1	\$ 0.64	\$ 0.23
2041	\$ 5.06	\$ -	19.1	\$ 0.79	\$ 0.39
2042	\$ 5.06	\$ -	19.1	\$ 0.79	\$ 0.39

*Rates are prospective and subject to change



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Model Results: North Port - 2 MGD

Fiscal Year	Debt per kGal (Additional 2 MGD Allocation Only)	Debt per kGal (Current 2.865 MGD Allocation)	Total Assumed Allocation (MGD)	Homogenized DS Rate from PRMRWSA \$/Kgal (Total Assumed Allocation)	Difference (per Kgal) of Current Debt & Homogenized DS Rate
2025	\$ -	\$ 0.94	2.865	\$ 0.94	\$ -
2026	\$ -	\$ 0.94	2.865	\$ 0.94	\$ -
2027	\$ -	\$ 0.94	2.865	\$ 0.94	\$ -
2028	\$ -	\$ 0.94	2.865	\$ 0.94	\$ -
2029	\$ 1.12	\$ 1.22	4.865	\$ 1.18	\$ 0.24
2030	\$ 1.12	\$ 1.22	4.865	\$ 1.18	\$ 0.24
2031	\$ 1.12	\$ 1.22	4.865	\$ 1.18	\$ 0.24
2032	\$ 1.12	\$ 1.22	4.865	\$ 1.18	\$ 0.24
2033	\$ 4.07	\$ 1.22	4.865	\$ 2.39	\$ 1.45
2034	\$ 4.07	\$ 1.22	4.865	\$ 2.39	\$ 1.45
2035	\$ 4.07	\$ 1.22	4.865	\$ 2.39	\$ 1.45
2036	\$ 4.07	\$ 1.14	4.865	\$ 2.34	\$ 1.40
2037	\$ 4.07	\$ 1.40	4.865	\$ 2.50	\$ 1.56
2038	\$ 4.07	\$ 1.90	4.865	\$ 2.79	\$ 1.85
2039	\$ 4.07	\$ 1.90	4.865	\$ 2.79	\$ 1.85
2040	\$ 4.07	\$ 1.89	4.865	\$ 2.79	\$ 1.85
2041	\$ 5.06	\$ -	4.865	\$ 2.08	\$ 1.14
2042	\$ 5.06	\$ -	4.865	\$ 2.08	\$ 1.14

*Rates are prospective and subject to change



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Model Results: DeSoto Co- 1 MGD

Fiscal Year	Debt per kGal (Additional 1 MGD Allocation Only)	Debt per kGal (Current .675 MGD Allocation)	Total Assumed Allocation (MGD)	Homogenized DS Rate from PRMRWSA \$/Kgal (Total Assumed Allocation)	Difference (per Kgal) of Current Debt & Homogenized DS Rate
2025	\$ -	\$ 0.97	0.675	\$ 0.97	\$ -
2026	\$ -	\$ 0.96	0.675	\$ 0.96	\$ -
2027	\$ -	\$ 0.97	0.675	\$ 0.97	\$ -
2028	\$ -	\$ 0.97	0.675	\$ 0.97	\$ -
2029	\$ 1.12	\$ 0.32	1.675	\$ 0.80	\$ -
2030	\$ 1.12	\$ 0.32	1.675	\$ 0.80	\$ -
2031	\$ 1.12	\$ 0.32	1.675	\$ 0.80	\$ -
2032	\$ 1.12	\$ 0.32	1.675	\$ 0.80	\$ -
2033	\$ 4.07	\$ 0.32	1.675	\$ 2.56	\$ 1.59
2034	\$ 4.07	\$ 0.32	1.675	\$ 2.56	\$ 1.59
2035	\$ 4.07	\$ 0.32	1.675	\$ 2.56	\$ 1.59
2036	\$ 4.07	\$ 0.30	1.675	\$ 2.55	\$ 1.58
2037	\$ 4.07	\$ 0.19	1.675	\$ 2.51	\$ 1.54
2038	\$ 4.07	\$ -	1.675	\$ 2.43	\$ 1.46
2039	\$ 4.07	\$ -	1.675	\$ 2.43	\$ 1.46
2040	\$ 4.07	\$ -	1.675	\$ 2.43	\$ 1.46
2041	\$ 5.06	\$ -	1.675	\$ 3.02	\$ 2.05
2042	\$ 5.06	\$ -	1.675	\$ 3.02	\$ 2.05

*Rates are prospective and subject to change



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Draft Financing Schedule

- Spring 2024
 - Project Selection

- Summer 2024
 - Refunding effort, WIFIA Application Submittal

- Spring 2025
 - Finalize Funding Plan



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Workshop Agenda



- Master Water Supply Contract – New Water Supply Procedure
- New Water Supply Quantities and Timing
- Regional Water Supply Project Options
- Project Funding Strategies
- **Master Water Supply Contract Updates**
- Summary & Next Steps



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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



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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 its 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.



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MWSC Exhibit A

Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY 2005	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2006	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2007	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2008	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2009	\$361,403	\$15,424	\$177,073	\$44,346	\$598,247
FY 2010	\$363,140	\$15,341	\$244,396	\$53,586	\$676,463
FY 2011	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2012	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2013	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2014	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2015	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2016	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000
Remaining Yrs	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000



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MWSC Exhibit A

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



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MWSC Exhibit A

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



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MWSC Exhibit A

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



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MWSC Exhibit A

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



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Recommendations - DeSoto Payment Adjustment

- Adjust for Inflation
 - Adjust 2005 – 2024 and projected through 2028, and true-up thereafter when allocated quantities change, or
 - Adjust 2005 – 2024 and annually thereafter for inflation, and
- Adjust for Increased Allocated Quantities at the Peace River Facility



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Exhibit C

- Customer Update Demand Projections Annually
- Identify New Water Needed from the Authority
- 7-Year Window for New Supply Development
- Last Update 2015
- 2022 - New Water Requested by 2028

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).



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EXAMPLE "Exhibit C" New Water Requests

7 Year
Development
Window

Year	Charlotte	DeSoto	Manatee	Sarasota	N. Port	Total
2024	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.295	0.00	1.50	0.00	1.795
2029	0.00	0.343	0.00	4.00	0.00	4.343
2030	0.00	0.384	0.00	4.00	0.00	4.384
2031	0.00	0.405	0.00	4.00	0.00	4.405
2032	0.00	0.427	0.00	4.00	0.00	4.427
2033	0.00	0.438	0.00	8.00	0.00	8.438
2034	0.00	0.449	0.00	8.00	0.00	8.449



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“Exhibit B”

- Regional Water Allocation Table
- Last Update 2015

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	13,031	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).

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EXAMPLE “Exhibit B” Updated Regional Water Allocations

Year	Charlotte	DeSoto	Manatee	Sarasota	N. Port	Total	New Alloc,
2024	16.100	0.675	0.00	15.060	2.865	34.700	0
2025	16.100	0.675	0.00	15.060	2.865	34.700	0
2026	16.100	0.675	0.00	15.060	2.865	34.700	0
2027	16.100	0.675	0.00	15.060	2.865	34.700	0
2028	16.100	0.970	0.00	16.560	2.865	36.495	1.795
2029	16.100	1.018	0.00	19.060	2.865	39.043	4.343
2030	16.100	1.059	0.00	19.060	2.865	39.084	4.384
2031	16.100	1.080	0.00	19.060	2.865	39.105	4.405
2032	16.100	1.102	0.00	19.060	2.865	39.127	4.427
2033	16.100	1.113	0.00	23.060	2.865	43.138	8.438
2034	16.100	1.124	0.00	23.060	2.865	43.149	8.449
2035	16.100	1.675	0.00	27.060	2.865	47.700	13.000
Rem Yrs	16.100	1.675	0.00	27.060	2.865	47.700	13.000



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Exhibit F

- Regional Supply Cost Allocation Table
- Last Update 2005

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EXHIBIT "F"

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%.



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EXAMPLE "Exhibit F"

Updated Regional Supply Cost Allocation Table

Project	Charlotte	DeSoto	Sarasota	North Port
1991 Facility	89.65%	0.42%	0.00%	9.93%
Peace River Option	33.33%	8.33%	58.34%	0.00%
Regional Expansion Project	27.21%	0.81%	61.72%	10.26%
Surface Water System Expansion (1)	0.00%	5.55%	94.45%	0.00%

(1) Based on 18 MGD yield project and requests for new supply through 1/31/2024



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Workshop Agenda



- Master Water Supply Contract – New Water Supply Procedure
- New Water Supply Quantities and Timing
- Regional Water Supply Project Options
- Project Funding Strategies
- Master Water Supply Contract Updates
- **Summary & Next Steps**



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Summary

- New Regional Supply Capacity needed in 2028 and increases to 22.5 MGD in 2041
- Board approved Surface Water Expansion Project yields 18 MGD and can be on-line in 2028
- Meeting the 2028 schedule will require
 - Customer commitments
 - Amendment to the Master Water Supply Contract
 - Continued project progress



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Next Steps

- March 2024
 - Discussions with Participating Customer BOCC's
- April 2024
 - Board Action – Project Confirmation
 - Board Action – Approve Master Water Supply Contract Amendments – Provide to Customers
- June 2024
 - Board Action – Adoption of Master Water Supply Contract Amendment
 - Board Action – Approve Selection and Contract for Progressive Design Builder (PDB) for Peace River Facility Expansion
 - Board Action – Approve Phase 1B Construction Manager at Risk (CMAR) Services Contract for Preconstruction Services on PR3 Pumping and Conveyance Facilities



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Next Steps

- August 2024
 - Board Action – Approve Mitigation Plan for Regional Reservoir No. 3
- October 2024
 - Board Action – Approve list of pre-qualified contractors for the Peace River Regional Reservoir No. 3
- December 2024
 - Board Update – Completion of Peace River Reservoir Project Final Design
- April 2025
 - Board Action – Approve GMP for PR3 Pumping & Conveyance Facilities
 - Board Action – Approve Contractor Bid for Peace River Reservoir No. 3
 - Board Action – Approve GMP for Progressive Design Build on Peace River Facility Expansion



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