

# Public Drinking Water Fee Structure Stakeholder Meeting

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February 20, 2020

# Meeting Agenda

- Clarification of Drinking Water State Revolving Fund Expenditures and Projections
- Other States Fee Structures
- Fee Structure Concepts
- Open Discussion
- Wrap Up

# Clarification of Drinking Water State Revolving Fund Expenditures and Projections



# Financial Assistance Center

- Manages the Drinking Water State Revolving Loan Fund.
- Provides low interest Loans and Grants to public drinking water systems for infrastructure improvements.
- Develops the Annual Intended Use Plan.
- Markets financial services to systems.



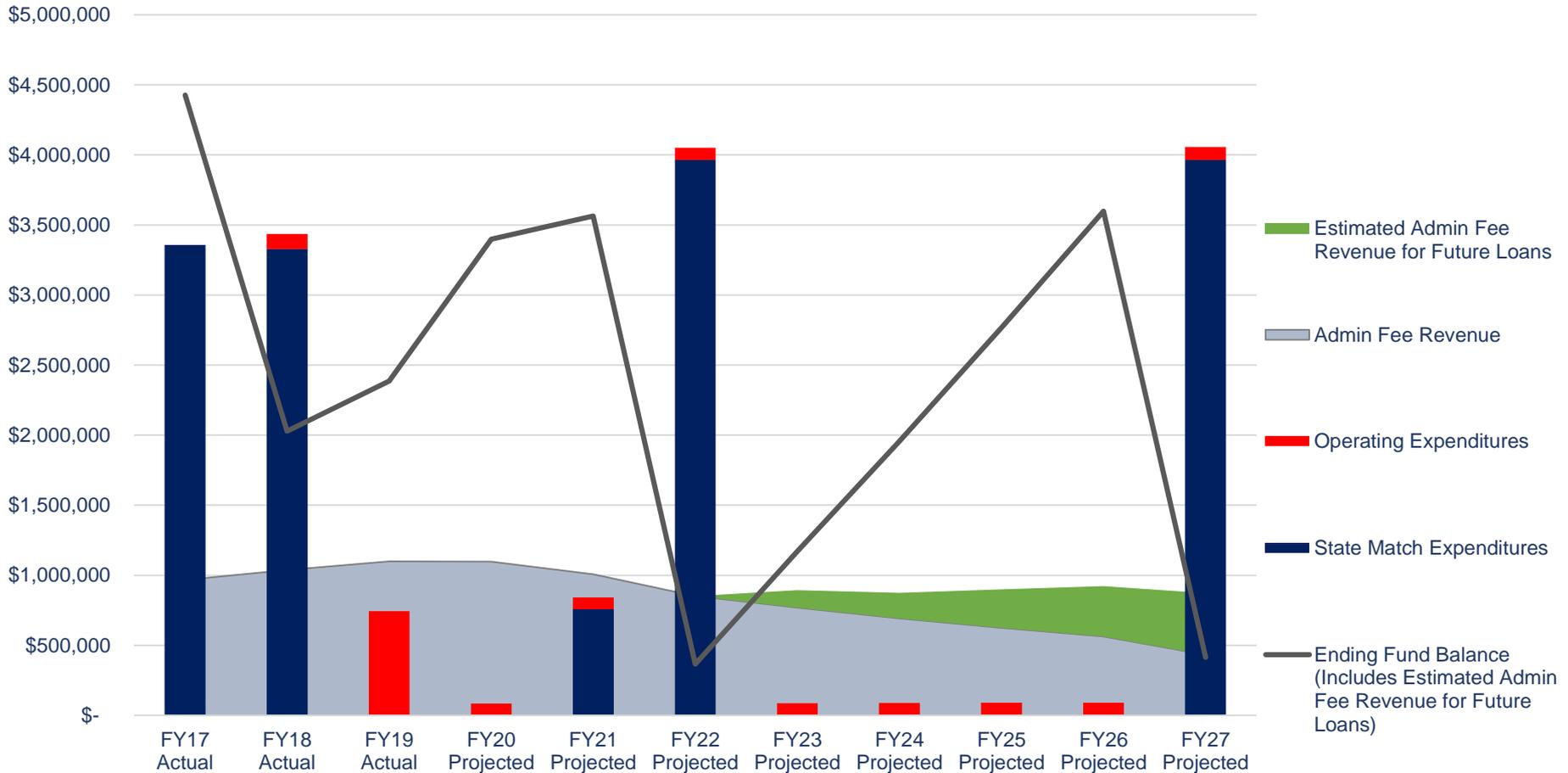
## SFY19 Statistics

DWSRF expenditures*	\$52,508,081
DWSRF applications	13
Funding workshop attendees (5 workshops)	160

\*DWSRF Expenditures: \$43,005,000 for equity investment for the 2018A State Match Bond sale and \$9,503,081 in grant and loan disbursements.



# Drinking Water State Revolving Fund Administration Fee Fund

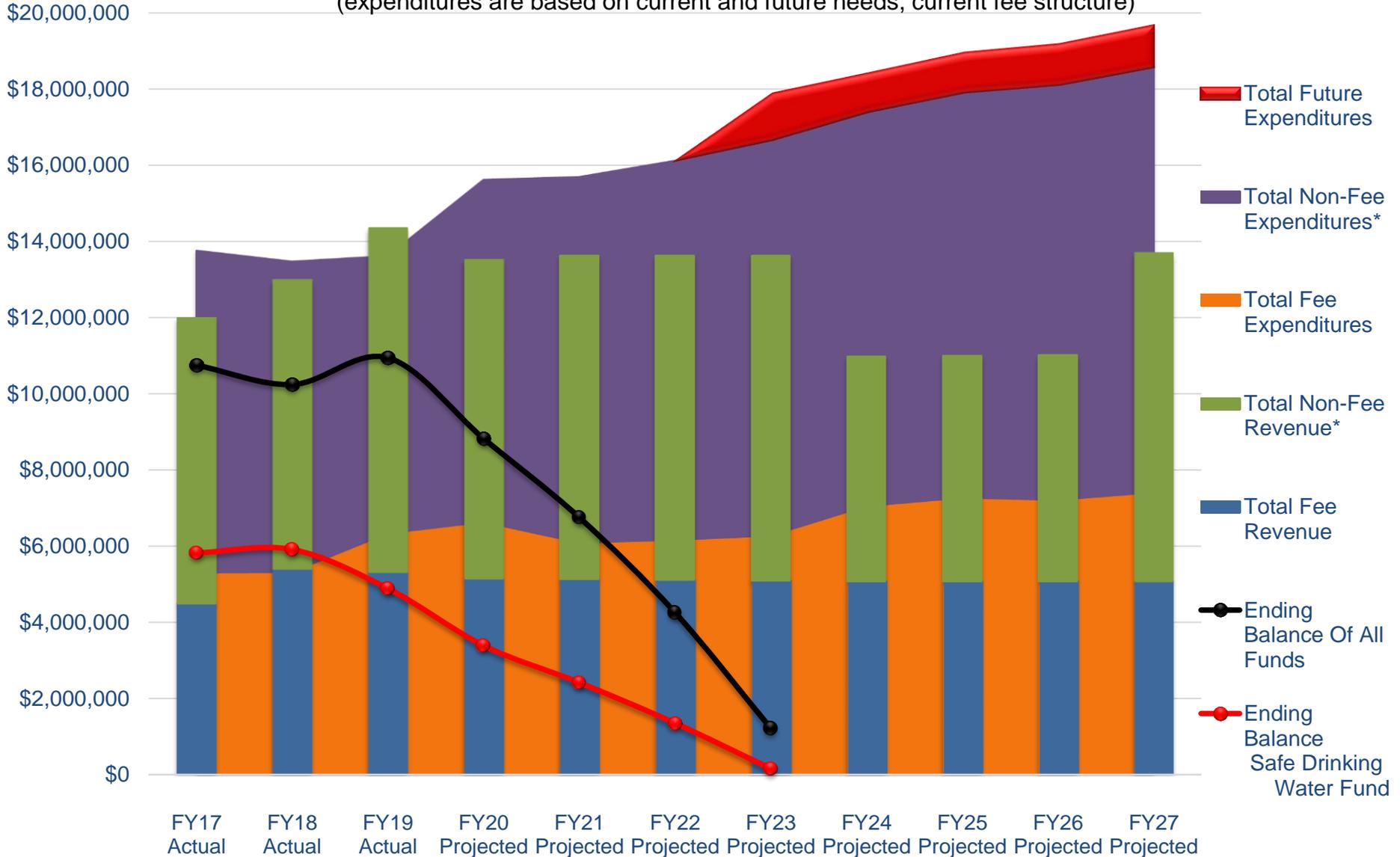




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## Drinking Water Funding Projected Revenues, Expenditures, & Balances

(expenditures are based on current and future needs, current fee structure)



# Drinking Water Funding Five Year Shortfall (current and future needs)

FY23	FY24	FY25	FY26	FY27	Total
\$4,258,647	\$7,435,489	\$7,954,867	\$8,162,788	\$5,983,334	\$33,795,125
Five Year Average Shortfall*					\$6,759,025

\* Previous five year average shortfall - \$7,329,447

## Assumptions:

- Expenditures based on FY20 projected spending, not full program cost (all current positions may not be filled the full year).
- 3.5% cost of living, market adjustments, “above and beyond” included for FY23-27.
- 1% annual growth on fringe rate (capped at 62%).
- No inflationary rate for expense and equipment is included.
- Reduction in Capitalization Grant FY24-26.
- Potential future needs: PFAS Monitoring, Lead and Copper Rule, Perchlorate Monitoring, Asbestos Monitoring, DHSS FTE request.



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# Other States Fee Structures



# Other State Evaluation

- Evaluation completed of surrounding states to identify how they fund their drinking water programs.
- All states rely on federal revenue including the Performance Partnership Grant (PPG), Capitalization Grant Set-asides, and State Revolving Fund admin fees.
- The following slides will identify other fees states use to fund their programs.



## Summary of Surrounding States Fees

Type	MO	IA	NE	KS
Lab Service Fee	Provides lab services \$100 - \$500 annually.	PWS pays for own.	PWS pays. Invoiced if use state lab.	PWS pays. Invoiced if use state lab.
User Fee	Primacy fee schedule \$1.08 – \$3.24 annually per connection ≤1 inch. Up to \$82.44 for a connection > 4 inches.	>250 population pay 14¢ per customer; cap of \$300,000; TNC and small systems pay - \$25.		2¢ fee based on 1,000 gallons sold.
Inspection Fee				
Construction Permit Fee		Cost per linear foot for water mains. Max of 5,000 per year. Percent of project cost for non-main projects. Max \$16,000 per year.		
Lab Certification Fee	\$1,500 - \$2,700 3 year. Audit Fee \$2500.	\$400 - \$2,800 2 year. Onsite visits \$300-\$500.	Inspection fee \$100 - \$200.	Up to \$350.
Operator Certification Fee	\$45 – 3 years.	\$60 - 2 years.	\$150 – 2 years.	\$20 – 2 years.
Exam Fee	\$45	\$40	\$165	\$25



### Summary of Surrounding States Fees

Type	OK	AR	IL	TN	KY
Lab Service Fee	PWS pays for own.	Provided by State	PWS pays for own.	PWS pays for own.	PWS pays for own.
User Fee	4¢ per connection per month. Min range \$50-\$150. Additional regulatory fee range \$370-\$6800.	40¢ per water meter/mo. Min of \$125 annually for transient, min of \$250 for other PWS.		Annual fee ranging from \$300 - \$105,000, plus a 35 -65¢ per connection fee.	
Inspection Fee	\$50 - \$200			\$150 - \$750	
Construction Permit Fee		1% of estimated project cost.	Min \$240 Max \$1,200.	\$50 - \$1,000.	\$50 - \$800.
Lab Certification Fee	Up to \$2,853.	Initial & renewal \$500.	Annual base of \$2,400 plus \$1,000 per type.	Annual \$500 - \$1,000.	\$1,000 annually Bacti & Chem plus \$500 for other types.
Operator Certification Fee	\$46 – 1 year.	\$10 - 2 years.	\$10 - 2 years.	\$50 - 2 years.	\$200 -\$250-2 years.
Exam Fee	\$62	\$25	\$40	\$100	\$250



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# Fee Structure Concepts



# Scenario Development

- Four potential funding scenarios have been developed to help facilitate stakeholder discussion on a potential concept.
- All four scenarios were developed with \$6,759,025 as the target for new revenues needed to address the shortfall.
- All Primacy Fee revenues shown in the scenarios are shown less the two percent that water systems can retain for collecting the fee.
- Fee amounts can change in any of the proposals but would need to be offset by other fees to ensure the concept will still address the shortfall.

# Scenario 1 - Primacy Fee Only (Percentage)

- Proposal addresses shortfall by only raising the Primacy Fee.
- Maintains the current structure and establishes an across the board percentage increase.

\* Includes a new minimum fee for systems with 10 or less connections.

Number of Connections	Current Fee	Proposed Fee
≤10 per system*	\$3.24	\$76.80
11 to 1,000	\$3.24	\$7.68
1,000 to 4,000	\$3.00	\$7.12
4,001 to 7,000	\$2.76	\$6.55
7,001 to 10,000	\$2.40	\$5.69
10,001 to 20,000	\$2.16	\$5.12
20,001 to 35,000	\$1.92	\$4.56
35,001 to 50,000	\$1.56	\$3.70
50,001 to 100,000	\$1.32	\$3.13
> 100,000	\$1.08	\$2.56
Meter Size	Current Fee	Proposed Fee
> 1"	\$7.44	\$17.64
> 2" < 4"	\$41.16	\$97.55
>4"	\$82.44	\$195.39

# Scenario 1 - Primacy Fee Only (Percentage)

<b>PRIMACY FEE</b> Water System Service Connections	# of Public Water Supply Systems in billing rate bracket	Total # of service connections paying primacy fee	Proposed new rate	Amount Generated
Less than 10	36		\$ 76.80	\$ 2,710
11 - 1,000	1,118	239,011	\$ 7.68	\$ 1,798,892
1,001 - 4,000	195	388,395	\$ 7.12	\$ 2,710,065
4,001 - 7,000	38	197,744	\$ 6.55	\$ 1,269,319
7,001 - 10,000	14	113,837	\$ 5.69	\$ 634,778
10,001 - 20,000	9	117,882	\$ 5.12	\$ 591,485
20,001 - 35,000	5	127,580	\$ 4.56	\$ 570,130
35,001 - 50,000	2	86,278	\$ 3.70	\$ 312,844
50,001 - 100,000	3	224,147	\$ 3.13	\$ 687,549
> 100,000	2	531,289	\$ 2.56	\$ 1,332,898
Customers with meters greater than one inch				
Meter Size		# of meters paying primacy fee	Proposed new rate	Amount Generated
> 1" - < or = 2"		49,717	\$ 17.64	\$ 859,468
> 2" - < or = 4"		6,518	\$ 97.55	\$ 623,114
> 4"		2,527	\$ 195.39	\$ 483,876
<b>Total</b>				<b>11,877,126</b>

<b>Shortfall</b>	<b>\$6,759,025</b>
<b>New Primacy Fee Revenue</b>	<b>\$6,777,126</b>
<b>Difference</b>	<b>\$18,101</b>

Amount generated is reduced by 2% to reflect revenues retained by systems for cost of collection.

## Scenario 2 - Primacy Fee Only (Meter)

- Proposal addresses shortfall by only raising the Primacy Fee.
- Modifies the current structure to establishes the same fee for each meter size.

\*Includes a new minimum fee for systems smaller than 10 connections.

Number of Connections	Current Fee	Proposed Fee
≤10 per system*	\$3.24	\$53.00
11 to 1,000	\$3.24	\$5.30
1,001 to 4,000	\$3.00	\$5.30
4,001 to 7,000	\$2.76	\$5.30
7,001 to 10,000	\$2.40	\$5.30
10,001 to 20,000	\$2.16	\$5.30
20,001 to 35,000	\$1.92	\$5.30
35,001 to 50,000	\$1.56	\$5.30
50,001 to 100,000	\$1.32	\$5.30
> 100,000	\$1.08	\$5.30
Meter Size	Current Fee	Proposed Fee
> 1"	\$7.44	\$15.00
> 2" < 4"	\$41.16	\$60.00
>4"	\$82.44	\$120.00

# Scenario 2- Primacy Fee Only (Meter)

<b>PRIMACY FEE</b> Water System Service Connections	# of Public Water Supply Systems in billing rate bracket	Total # of service connections paying primacy fee	Proposed new rate	Amount Generated
Less than 10	36		\$ 53.00	\$ 1,870
11 - 1000	1,118	239,011	\$ 5.30	\$ 1,241,423
1001 - 4000	195	388,395	\$ 5.30	\$ 2,017,324
4001 - 7000	38	197,744	\$ 5.30	\$ 1,027,082
7001 - 10,000	14	113,837	\$ 5.30	\$ 591,269
10,001 - 20,000	9	117,882	\$ 5.30	\$ 612,279
20,001 - 35 000	5	127,580	\$ 5.30	\$ 662,651
35,001 - 50,000	2	86,278	\$ 5.30	\$ 448,128
50,001 - 100,000	3	224,147	\$ 5.30	\$ 1,164,220
> 100,000	2	531,289	\$ 5.30	\$ 2,759,515
Customers with meters greater than one inch				
Meter Size		# of meters paying primacy fee	Proposed new rate	Amount Generated
> 1" - < or = 2"		49,717	\$ 15.00	\$ 730,840
> 2" - < or = 4"		6,518	\$ 60.00	\$ 383,258
> 4"		2,527	\$ 120.00	\$ 297,175
<b>Total</b>				<b>\$ 11,937,034</b>

<b>Shortfall</b>	<b>\$6,759,025</b>
<b>New Primacy Fee Revenue</b>	<b>\$6,837,034</b>
<b>Difference</b>	<b>\$78,009</b>

Amount generated is reduced by 2% to reflect revenues retained by systems for cost of collection.

## Scenario 3 – Primacy and Lab Services Fees

- Shortfall addressed by raising the Primacy Fee and the Lab Services Fee.
- Can use either Primacy Fee concept at a reduced rate that is offset by the Lab Services Fee increase.
- Helps to ensure Non-Community Systems bear part of cost of the fee increase.

Connections	Current Fee
Transient	\$100
Ground Water (Excluding Transient)	
< 4,100	\$200
4,100 – 7,599	\$300
7,600 or more	\$500
Surface Water	\$500
Connections	Proposed Fee
Transient	\$150
Groundwater (Excluding Transient Systems)	\$500
Surface Water	\$750



# S3 Primacy (Percentage) and Lab Services Fees

<b>PRIMACY FEE</b>	# of Public Water Supply Systems in billing rate bracket	Total # of service connections paying primacy fee	Proposed new rate	Amount Generated	<b>LAB SERVICES</b>	# of Public Water Supply Systems in billing rate bracket	Proposed new rate	Amount Generated										
Less than 10	36		\$ 75.10	\$ 2,650	Transient	1,079	\$ 150	\$ 161,850										
11 - 1,000	1,118	239,011	\$ 7.51	\$ 1,759,073	Groundwater excluding transient	706	\$ 500	\$ 353,000										
1,001 - 4,000	195	388,395	\$ 6.96	\$ 2,649,165	Surface Water	25	\$ 750	\$ 18,750										
4,001 - 7,000	38	197,744	\$ 6.40	\$ 1,240,250														
7,001 - 10,000	14	113,837	\$ 5.56	\$ 620,275														
10,001 - 20,000	9	117,882	\$ 5.01	\$ 578,777														
20,001 - 35,000	5	127,580	\$ 4.45	\$ 556,376														
35,001 - 50,000	2	86,278	\$ 3.61	\$ 305,234														
50,001 - 100,000	3	224,147	\$ 3.06	\$ 672,172														
> 100,000	2	531,289	\$ 2.50	\$ 1,301,658														
Customers with meters greater than one inch					<b>Total</b>			<b>\$ 533,600</b>										
<b>Meter Size</b>		# of meters paying primacy fee	Proposed new rate	Amount Generated	<table border="1"> <tr> <td><b>Shortfall</b></td> <td><b>\$ 6,759,025</b></td> </tr> <tr> <td><b>New Primacy Fee Revenue</b></td> <td><b>\$ 6,539,135</b></td> </tr> <tr> <td><b>New Lab Services Revenue</b></td> <td><b>\$ 282,600</b></td> </tr> <tr> <td><b>Total Revenue</b></td> <td><b>\$ 6,821,735</b></td> </tr> <tr> <td><b>Difference</b></td> <td><b>\$ 62,710</b></td> </tr> </table>				<b>Shortfall</b>	<b>\$ 6,759,025</b>	<b>New Primacy Fee Revenue</b>	<b>\$ 6,539,135</b>	<b>New Lab Services Revenue</b>	<b>\$ 282,600</b>	<b>Total Revenue</b>	<b>\$ 6,821,735</b>	<b>Difference</b>	<b>\$ 62,710</b>
<b>Shortfall</b>	<b>\$ 6,759,025</b>																	
<b>New Primacy Fee Revenue</b>	<b>\$ 6,539,135</b>																	
<b>New Lab Services Revenue</b>	<b>\$ 282,600</b>																	
<b>Total Revenue</b>	<b>\$ 6,821,735</b>																	
<b>Difference</b>	<b>\$ 62,710</b>																	
> 1" - < or = 2"		49,717	\$ 17.26	\$ 840,953														
> 2" - < or = 4"		6,518	\$ 95.49	\$ 609,956														
> 4"		2,527	\$ 191.26	\$ 473,648														
<b>Total</b>				<b>11,610,187</b>														



# S3 Primacy (Meter) and Lab Services Fees

<b>PRIMACY FEE</b> Water System Service Connections	# of Public Water Supply Systems in billing rate bracket	Total # of service connections paying primacy fee	Proposed new rate	Amount Generated	<b>LAB SERVICES</b>	# of Public Water Supply Systems in billing rate bracket	Proposed new rate	Amount Generated										
Less than 10	36		\$ 51.50	\$ 1,817	Transient	1,079	\$ 150	\$ 161,850										
11 - 1000	1,118	239,011	\$ 5.15	\$ 1,206,289	Groundwater excluding transient	706	\$ 500	\$ 353,000										
1001 - 4000	195	388,395	\$ 5.15	\$ 1,960,230	Surface Water	25	\$ 750	\$ 18,750										
4001 - 7000	38	197,744	\$ 5.15	\$ 998,014														
7001 - 10,000	14	113,837	\$ 5.15	\$ 574,535														
10,001 - 20,000	9	117,882	\$ 5.15	\$ 594,950														
20,001 - 35,000	5	127,580	\$ 5.15	\$ 643,896														
35,001 - 50,000	2	86,278	\$ 5.15	\$ 435,445														
50,001 - 100,000	3	224,147	\$ 5.15	\$ 1,131,270														
> 100,000	2	531,289	\$ 5.15	\$ 2,681,416														
					<b>Total</b>			<b>\$ 533,600</b>										
Customers with meters greater than one inch					<table border="1"> <tr> <td><b>Shortfall</b></td> <td><b>\$ 6,759,025</b></td> </tr> <tr> <td><b>New Primacy Fee Revenue</b></td> <td><b>\$ 6,539,135</b></td> </tr> <tr> <td><b>New Lab Services Revenue</b></td> <td><b>\$ 282,600</b></td> </tr> <tr> <td><b>Total Revenue</b></td> <td><b>\$ 6,821,735</b></td> </tr> <tr> <td><b>Difference</b></td> <td><b>\$ 62,710</b></td> </tr> </table>				<b>Shortfall</b>	<b>\$ 6,759,025</b>	<b>New Primacy Fee Revenue</b>	<b>\$ 6,539,135</b>	<b>New Lab Services Revenue</b>	<b>\$ 282,600</b>	<b>Total Revenue</b>	<b>\$ 6,821,735</b>	<b>Difference</b>	<b>\$ 62,710</b>
<b>Shortfall</b>	<b>\$ 6,759,025</b>																	
<b>New Primacy Fee Revenue</b>	<b>\$ 6,539,135</b>																	
<b>New Lab Services Revenue</b>	<b>\$ 282,600</b>																	
<b>Total Revenue</b>	<b>\$ 6,821,735</b>																	
<b>Difference</b>	<b>\$ 62,710</b>																	
		# of meters paying primacy fee	Proposed new rate	Amount Generated														
Meter Size																		
> 1" - < or = 2"		49,717	\$ 15.00	\$ 730,840														
> 2" - < or = 4"		6,518	\$ 60.00	\$ 383,258														
> 4"		2,527	\$ 120.00	\$ 297,175														
<b>Total</b>				<b>\$ 11,639,135</b>														

# Lab Certification Fee Option

- Adds new fees for certification and audit of bacti labs. Leaves Chemical fees the same.
- Will ensure private, bacti labs are contributing to funding the program.
- Will generate \$10,800 in new revenue.

Lab Audit and Certification	Current Fee	Proposed Fee
<b>3-Year Certification Fees</b>		
Organic Chemicals	\$2,700	\$2,700
Inorganic Chemicals	\$1,500	\$1,500
Bacti	\$-0-	\$500
<b>Audit Fees</b>		
Chemical Lab	\$2,500	\$2,500
Bacti Lab	\$-0-	\$500

## Scenario 4 – Raise all Fees (Primacy, Lab Services, Lab Certification, and Operator Certification)

- Shortfall addressed by raising all current fees.
- Can use either Primacy Fee concept at a reduced rate that is offset by the increase in Operator Certification Fees.
- Proposal includes same Lab Services and Lab Certification Fee Rates.
- Maintains existing Operator Certification Fee Structure but at increased amounts.

### Operator Certification Fee Structure

Type	Current Fee	Proposed Fee
Application/Exam	\$45	\$50
Retake Exam	\$20	\$50
Renewal 3-Year Certificate	\$45	\$150
Reciprocity Certification	\$65	\$75
Late Fee	\$10/mo Maximum of \$20	\$25/mo Maximum of \$50

# Scenario 4 – All Fees - Primacy (Percentage)

PRIMACY FEE		# of Public Water Supply Systems in billing rate bracket	Total # of service connections paying primacy fee	Proposed new rate	Amount Generated	LAB SERVICES				LABORATORY CERTIFICATION		
Water System Connections	Service					# of Public Water Supply Systems in billing rate bracket	Proposed new rate	Amount Generated		# of Laboratories in billing rate bracket	Proposed fee rate	
Less than 10		36		\$ 73.20	\$ 2,582	Transient		\$ 150	\$ 161,850	Lab Audit	6	\$ 2,500
11 - 1,000		1,118	239,011	\$ 7.32	\$ 1,714,569	Groundwater excluding transient		\$ 500	\$ 353,000	3-Year Certification Fee		
1,001 - 4,000		195	388,395	\$ 6.78	\$ 2,580,652	Surface Water		\$ 750	\$ 18,750	Organic Chemicals	12	\$ 2,700
4,001 - 7,000		38	197,744	\$ 6.23	\$ 1,207,306					Inorganic Chemicals	13	\$ 1,500
7,001 - 10,000		14	113,837	\$ 5.42	\$ 604,657							
10,001 - 20,000		9	117,882	\$ 4.88	\$ 563,759							
20,001 - 35,000		5	127,580	\$ 4.33	\$ 541,373					Lab Audit	33	\$ 500.00
35,001 - 50,000		2	86,278	\$ 3.52	\$ 297,625					3-Year Certification		
50,001 - 100,000		3	224,147	\$ 2.98	\$ 654,599					Bacti 67 total	33	\$ 500.00
> 100,000		2	531,289	\$ 2.44	\$ 1,270,418							
Customers with meters greater than one inch						<b>Total</b>			<b>\$ 533,600</b>	<b>Total</b>		<b>\$33,300</b>
		# of meters paying primacy fee	Proposed new rate	Amount Generated	<b>OPERATOR CERTIFICATION</b>				<b>Shortfall</b>		<b>\$ 6,759,025</b>	
Meter Size					Type	Operators	Proposed new rate	Amount Generated	<b>New Primacy Fee Revenue</b>		<b>\$ 6,212,135</b>	
> 1" - < or = 2"		49,717	\$ 16.81	\$ 819,028	Renewals	5,721	\$ 150	\$ 286,050	<b>New Operator Certification Revenue</b>		<b>\$ 236,255</b>	
> 2" - < or = 4"		6,518	\$ 93.02	\$ 594,178	Exams	678	\$ 50	\$ 33,900	<b>New Lab Certification</b>		<b>\$ 10,800</b>	
> 4"		2,527	\$ 186.31	\$ 461,389	Retakes	281	\$ 50	\$ 14,050	<b>New Lab Services Revenue</b>		<b>\$ 282,600</b>	
<b>Total</b>				<b>11,312,135</b>	Late fees	28	\$ 50	\$ 1,400	<b>Total Revenue</b>		<b>\$ 6,741,790</b>	
					Reciprocity Certification	11	\$ 75	\$ 825	<b>Difference</b>		<b>\$ 17,235</b>	
								<b>Total</b>				
								<b>\$ 336,225</b>				

# Scenario 4 – All Fees – Primacy (Meter)

PRIMACY FEE					LAB SERVICES					LABORATORY CERTIFICATION			
Water System Service Connections	# of Public Water Supply Systems in billing rate bracket	Total # of service connections paying primacy fee	Proposed new rate	Amount Generated	Water System Service Connections	# of Public Water Supply Systems in billing rate bracket	Proposed new rate	Amount Generated	LABORATORY CERTIFICATION	# of Laboratories in billing rate bracket	Proposed Fee Rate	Amount Submitted	
Less than 10	36		\$ 50.00	\$ 1,764	Transient	1,079	\$ 150	\$ 161,850	Lab Audit	6	\$2,500	\$ 5,000	
11 - 1000	1,118	239,011	\$ 5.00	\$ 1,171,154	Groundwater excluding transient	706	\$ 500	\$ 353,000	<b>3-Year Certification Fee</b>				
1001 - 4000	195	388,395	\$ 5.00	\$ 1,903,136	Surface Water	25	\$ 750	\$ 18,750	Organic Chemicals	12	\$2,700	\$ 10,800	
4001 - 7000	38	197,744	\$ 5.00	\$ 968,946					Inorganic Chemicals	13	\$1,500	\$ 6,500	
7001 - 10,000	14	113,837	\$ 5.00	\$ 557,801									
10,001 - 20,000	9	117,882	\$ 5.00	\$ 577,622									
20,001 - 35,000	5	127,580	\$ 5.00	\$ 625,142					Lab Audit	33	\$500	\$5,500	
35,001 - 50,000	2	86,278	\$ 5.00	\$ 422,762					<b>3-Year Certification</b>				
50,001 - 100,000	3	224,147	\$ 5.00	\$ 1,098,320					Bacti 67 total	33	\$500	\$ 5,500	
> 100,000	2	531,289	\$ 5.00	\$ 2,603,316									
<b>Total</b>					<b>Total</b>					<b>Total</b>			
Customers with meters greater than one inch													
		# of meters paying primacy fee	Proposed new rate	Amount Generated	<b>OPERATOR CERTIFICATION Type</b>	Operators	Proposed new rate	Amount Generated					
Meter Size					Renewals	5721	\$ 150	\$ 286,050	<b>Shortfall</b>				
> 1" - < or = 2"		49,717	\$ 15.00	\$ 730,840	Exams	678	\$ 50	\$ 33,900	<b>New Primacy Fee Revenue</b>				
> 2" - < or = 4"		6,518	\$ 60.00	\$ 383,258	Retakes	281	\$ 50	\$ 14,050	<b>New Operator Certification Revenue</b>				
> 4"		2,527	\$ 120.00	\$ 297,175	Late fees	28	\$ 50	\$ 1,400	<b>New Lab Certification Revenue</b>				
<b>Total</b>				<b>\$ 11,341,236</b>	Reciprocity Certification	11	\$ 75	\$ 825	<b>New Lab Services Revenue</b>				
										<b>Total Revenue</b>			
										<b>Difference</b>			
					<b>Total</b>								



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# Discussion

# Wrap Up and Future Meeting Dates if needed

- March 17, 2020
- April 9, 2020

