



Monday, February 27, 2023
Board of Commissioners' Meeting

AGENDA

Renewable Water Resources
561 Mauldin Road
Greenville, SC 29607
Board Room
<https://us02web.zoom.us/j/87295842766>
4:00 P.M.

1. Call to Order

1.01 Call to Order

2. Welcome

2.01 Commissioners Present

2.02 Staff Present

2.03 Introduction of Visitors Present

3. Pledge of Allegiance/Prayer

3.01 Pledge of Allegiance/Prayer

4. Awards/Recognition

4.01 Presentation by Chairman Fogleman of the 2023 NACWA National Environmental Achievement Award to Director Wright on behalf of Engineering for the Dig Greenville Project

4.02 Recognition of the Dig Greenville Project Book by Director Wright

5. Safety Moment

5.01 Safety Moment by Sustainability Services Officer Davis - NO ACTION REQUIRED

6. Activity Update

6.01 Chief Executive Officer's Report - NO ACTION REQUIRED

7. Consent Agenda*

7.01 Minutes of the January 20, 2023 Board of Commissioners Policy Governance Ad Hoc Committee Meeting**

7.02 Minutes of the January 23, 2023 Board of Commissioners Administration & Finance Committee Meeting**

7.03 Minutes of the January 23, 2023 Board of Commissioners Operations & Maintenance Committee Meeting**

7.04 Minutes of the January 23, 2023 Board of Commissioners Meeting**

8. Administration & Finance - February 27, 2023

8.01 Investment Summary 01-31-23 - NO ACTION REQUIRED

8.02 New Account Fee Classification Report - NO ACTION REQUIRED

8.03 Sustainability Services Scorecard - NO ACTION REQUIRED

8.04 Unused Capacity Allotment Charge (Resolution) **

9. Operations & Planning - February 27, 2023

9.01 IDC Program Presentation - NO ACTION REQUIRED

9.02 Engineering Indefinite Delivery Contract Award - Basin Planning (Memo, Resolution)**

9.03 Engineering Indefinite Delivery Contract Award - Collection System Assessment and Rehabilitation (Memo, Resolution)**

9.04 Engineering Indefinite Delivery Contract Award - Conveyance (Memo, Resolution)**

9.05 Engineering Indefinite Delivery Contract Award - Process (Memo, Resolution)**

9.06 Engineering Indefinite Delivery Contract Award - Support Services (Memo, Resolution)**

9.07 Facility Improvement Indefinite Delivery Contract Award (Memo, Resolution)**

9.08 Verbal Briefing on Upcoming Projects and Items of Interest - NO ACTION REQUIRED

10. Unfinished Business

10.01 Unfinished Business

11. New Business

11.01 New Business

12. Other Business

12.01 Other Business

13. Executive Session

13.01 Receipt of Legal Advice Regarding the Potential Settlement of Legal Claims and Separately Proposed Contractual Agreements

14. Post Executive Session

14.01 Action on Items in Executive Session, if applicable

15. Adjournment

15.01 Adjourn the Meeting

16. Meeting Disclosures

16.01 *Consent Agenda: All matters listed under Consent Agenda are considered non-controversial Board action items and are approved as a set with one action. If discussion is desired on an item, it will be removed from the Consent Agenda and placed on the regular Board meeting agenda.

16.02 **Following Board review and approval, this item will be made available to the public upon request based on ReWa's Public Information Policy approved May 23, 2011.



Monday, February 27, 2023
REVISED Administration and Finance Committee Meeting

AGENDA

Renewable Water Resources
561 Mauldin Road
Greenville, SC 29607
Board Room
3:15 PM

1. Call to Order

1.01 Meeting Called to Order

2. Welcome

- 2.01 Committee Members: Committee Chair Tom Coker, Clint Thompson, Emily K. DeRoberts, & George Fletcher
- 2.02 Non-Committee Members and Staff
- 2.03 Recognition and Introduction of Visitors Present

3. Investment Summary

3.01 Investment Summary 01-31-23 - NO ACTION REQUIRED

4. New Account Fee Classification Report

4.01 New Account Fee Classification Report - NO ACTION REQUIRED

5. Sustainability Services Scorecard

5.01 Sustainability Services Scorecard - NO ACTION REQUIRED

6. Unused Capacity Allotment Charge

6.01 Unused Capacity Allotment Charge (Resolution) **

7. New Business

7.01 New Business

8. Unfinished Business

8.01 Unfinished Business

9. Other Business

9.01 Other Business

10. Adjournment

10.01 Adjourn the meeting

11. Meeting Disclosures

11.01 **Following Board review and approval, this item will be made available to the public upon request based on ReWa's Public Information Policy approved May 23, 2011.

**Renewable Water Resources
Cash and Investment Summary
January 31, 2023**

	Interest Rate	Balance December 31, 2022	Balance January 31, 2023	Period Change
Cash and investments by institution				
U.S. Bank debt service fund ¹	0.001%	\$ 26,158,454	\$ 5,497,594	\$ (20,660,860)
Southern First Bank MM	4.600%	6,239,892	20,284,111	14,044,219
Southern First Bank MM NAF	4.600%	603,941	606,216	2,275
UBS Financial Services	0.466%	4,629,080	4,664,580	35,500
UBS Financial Services NAF	0.892%	12,996,733	13,090,762	94,029
MBS-Multi Bank Securities	0.841%	2,168,701	1,924,847	(243,854)
SC Local Government Investment Pool NAF	4.572%	986,723	990,554	3,831
SC Local Government Investment Pool	4.572%	102,977	103,377	400
Truist checking	0.350%	24,527,768	4,820,454	(19,707,314)
Truist new account fee	0.050%	498,139	499,058	919
Truist Peters Creek	0.050%	75,966	76,109	143
Petty cash	n/a	2,967	4,113	1,146
Total funds		\$ 78,991,341	\$ 52,561,775	\$ (26,429,566)
Less: Restricted funds				
U.S. Bank debt service fund ¹		\$ 26,158,454	\$ 5,497,594	\$ (20,660,860)
Bond covenant: operations & maintenance ²		3,843,241	4,195,780	352,539
Total restricted funds		30,001,695	9,693,374	(20,308,321)
Total unrestricted funds³		48,989,646	42,868,401	(6,121,245)
Less: Committed and assigned funds				
Committed: new account fee ⁴		9,984,093	10,035,334	51,241
Assigned: emergency ⁵		1,955,020	2,083,111	128,091
Total committed and assigned funds		11,939,113	12,118,445	179,332
Total available funds		\$ 37,050,533	\$ 30,749,956	\$ (6,300,577)

¹ Funds held in trust for upcoming principal and interest payments in accordance with section 4.08 of the series resolution adopted December 6, 2004.

² Funds restricted for operating & maintenance expenses in accordance with the bond resolution adopted June 14, 2010.

³ Unrestricted funds are generally available and not legally restricted. While unrestricted cash reserves are generally available, it is ReWa's policy to maintain the following liquidity target:

- 250 days of cash on hand: unrestricted cash and investments divided by total operating expenses before depreciation, expressed in number of days.

⁴ Monies received from new account fees committed to fund capacity increases.

⁵ Monies assigned for emergency expenditures.

**Renewable Water Resources
NAF Classification Report**



	Subdivision		Multi-family		Individual Home		Septic to Sewer		Mixed Use		Commercial		Retail		Totals	
	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23
January	\$ 257,500	\$ 342,500	\$ -	\$ 3,750	\$ 20,000	\$ 27,500	\$ -	\$ 7,500	\$ 5,667	\$ 146,250	\$ 72,500	\$ 142,500	\$ -	\$ 48,450	\$ 355,667	\$ 718,450
February	792,500		537,500		50,000		-		1,108		67,500		-		1,448,608	-
March	1,340,000		-		65,000		7,500		286,600		97,500		2,700		1,799,300	-
April	715,000		-		77,500		7,500		172,658		102,500		-		1,075,158	-
May	540,000		20,000		70,000		5,000		419,692		175,000		333,600		1,563,292	-
June	718,750		422,217		95,000		2,500		1,425		105,000		62,500		1,407,392	-
July	422,500		1,250		67,500		-		-		340,000		4,700		835,950	-
August	382,500		890,000		37,500		5,000		9,900		35,000		-		1,359,900	-
September	617,500		23,750		80,000		5,000		-		75,000		126,600		927,850	-
October	524,500		16,875		81,875		7,500		8,934		77,500		14,700		731,884	-
November	507,500		6,875		45,000		2,500		-		50,000		9,000		620,875	-
December	957,500		7,500		75,000		2,500		11,447		115,000		6,300		1,175,247	-
Totals	\$ 7,775,750	\$ 342,500	\$ 1,925,967	\$ 3,750	\$ 764,375	\$ 27,500	\$ 45,000	\$ 7,500	\$ 917,430	\$ 146,250	\$ 1,312,500	\$ 142,500	\$ 560,100	\$ 48,450	\$ 13,301,122	\$ 718,450
Refunds															\$ (15,008)	
Receivables / Outstanding Deposits															\$ 2,500	\$ (37,500)
New Account Fees per the Summary of Financial Condition															\$ 13,288,614	\$ 680,950

Sustainability Services Scorecard

		2022	2023 YTD	Jan
Recruiting/Retention	Overall Turnover %	18%	0.6%	0.6%
	Terminations	32	1	1
	Headcount (full time, no commissioners)	178	180	180
	Open Positions	13	14	14
	Overtime Hours	5,808	595	595
	Manhours (Exempt and Non-Exempt) - not including OT	322,564	25,453	25,453
	Vacancy Rate	9%	12%	12%
Safety and Wellness	Near Misses	3	-	-
	Recordables	2	-	-
	Lost Time	1	-	-
	Vehicle Incident	14	1	1
	Potential Hazards	20	-	-
	Nurse Practitioner Visits	1,288	135	135
	Health Plan Savings	\$ 81,721	\$ 14,803	\$ 14,803
	Productivity	\$ 130,224	\$ 13,628	\$ 13,628
	Formal Wellness Activities/Programs	16	2	2
Training and Develop.	Training Hours	2,936	99	99
	Average Training Hours Per Employee	16	0.55	0.55
Communi-cations	Social Media Followers (FB, IG, LI, twitter)		3,086	3,086
	Off campus/-n-the community outreach opportunities		2	2
	Tours/Visits on site		1	1

**BOARD OF COMMISSIONERS'
RESOLUTION**



Unused Capacity Allotment Charge

WHEREAS Renewable Water Resources (ReWa) strives to maintain fair and equitable rates and fees for all customers; and

WHEREAS, ReWa has established monthly base rates that are increasing proportionate to water meter size based on the readiness to serve requirement; and

WHEREAS, ReWa identified the need to eliminate the unused capacity fee; and

WHEREAS, ReWa's Board of Commissioners has reviewed and understands these requirements and considerations, as well as the modification to the existing fee structure needed; and

WHEREAS, the monthly Unused Capacity Allotment Charge is as follows and is made a part of the official minutes of ReWa:

2022 \$1.56 Per 1,000 gallons of unused capacity of the permitted flow

2023 \$0.00 Per 1,000 gallons of unused capacity of the permitted flow

NOW, THEREFORE, BE IT RESOLVED that the Unused Capacity Allotment Charge is adjusted as prescribed above effective with the February 2023 billing and that this resolution updates Attachment B of the current Sewer Use Regulation related to this change.

The above Resolution, upon motion duly made, was passed and approved by the Board of Commissioners of ReWa at a regular meeting held on the 27th day of February 2023.

R. L. FOGLEMAN, Jr., CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER



Monday, February 27, 2023
Operations and Planning Committee Meeting

AGENDA

Renewable Water Resources
561 Mauldin Road
Greenville, SC 29607
Board Room
2:30 P.M.

1. Call to Order

1.01 Call to Order

2. Welcome

2.01 Commissioners: Committee Chair Danny Holliday, John T. Crawford Jr., Phyllis Henderson, Ray Overstreet, Tab Patton

2.02 Non-Committee Members and Staff Present

2.03 Recognition and Introduction of Visitors Present

3. IDC Program Presentation

3.01 IDC Program Presentation - NO ACTION REQUIRED

4. Engineering Indefinite Delivery Contract Award - Basin Planning

4.01 Engineering Indefinite Delivery Contract Award - Basin Planning (Memo, Resolution)**

5. Engineering Indefinite Delivery Contract Award - Collection System Assessment and Rehabilitation

5.01 Engineering Indefinite Delivery Contract Award - Collection System Assessment and Rehabilitation (Memo, Resolution)**

6. Engineering Indefinite Delivery Contract Award - Conveyance

6.01 Engineering Indefinite Delivery Contract Award - Conveyance (Memo, Resolution)**

7. Engineering Indefinite Delivery Contract Award - Process

7.01 Engineering Indefinite Delivery Contract Award - Process (Memo, Resolution)**

8. Engineering Indefinite Delivery Contract Award - Support Services

8.01 Engineering Indefinite Delivery Contract Award - Support Services (Memo, Resolution)**

9. Facility Improvement Indefinite Delivery Contract Award

9.01 Facility Improvement Indefinite Delivery Contract Award (Memo, Resolution)**

10. New Business

10.01 Verbal Briefing on Upcoming Projects and Items of Interest - NO ACTION REQUIRED

11. Unfinished Business

11.01 Unfinished Business

12. Other Business

12.01 Other Business

13. Meeting Disclosures

13.01 **Following Board review and approval, this item will be made available to the public upon request based on ReWa's Public Information Policy approved May 23, 2011.

14. Adjournment

14.01 Adjourn the Meeting

DATE: February 27, 2023
TO: Board of Commissioners
FROM: Greg Wright
CC: Joel Jones
SUBJECT: Engineering Services Indefinite Delivery
Contract Award, Basin Planning Category



**BOARD OF COMMISSIONERS'
MEMORANDUM**

In accordance with section 6-102 of ReWa's Procurement Code, ReWa requested qualification packages from engineering firms for Engineering Services Indefinite Delivery Contracts (IDC) to support the projects and initiatives within ReWa's Capital Improvement Program (CIP). In December 2022, qualifications were requested for the Basin Planning Category, with the number of responses received summarized in Table A below:

<i>Table A: Category and Number of Responses</i>	
<i>Category</i>	<i>No. of Responses</i>
Basin Planning	10

A review of submitted qualifications packages was made by the ReWa staff to determine the most qualified firms for selection within this category that best fit the goals and business needs of ReWa. The total number of IDC awards for this category is based upon Staff's assessment of the number of firms needed to meet the current and projected CIP workload over the next three years.

Based upon qualification reviews, and the associated scoring of each submittal, the following firms identified for IDC contract award in the Basin Planning Category:

- Brown and Caldwell
- KCI
- Weston and Sampson

Staff recommends that the Board award IDC contracts to the firms listed above and authorize the Chief Executive Officer to execute IDC Engineering Services contracts with those firms.

**BOARD OF COMMISSIONERS'
RESOLUTION**



Engineering Services Indefinite Delivery Contract Award for Basin Planning

WHEREAS, the Engineering Services Indefinite Delivery Contracts, Basin Planning Category, will consist of engineering, design, construction, and other professional services of varying scopes to be contracted in accordance with section 6-102 of ReWa's Procurement Code.

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby approve and authorize the Chief Executive Officer to negotiate professional service agreements with the following firms in the Basin Planning Category:

- Brown and Caldwell
- KCI
- Weston and Sampson

The above Resolution, upon motion duly made, was passed, and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 27th day of February 2023.

R. L. FOGLEMAN, CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER

DATE: February 27, 2023
TO: Board of Commissioners
FROM: Greg Wright
CC: Joel Jones, David Niese, and Greg Wright
SUBJECT: Engineering Services Indefinite Delivery Contract Award, Collection System Assessment and Rehabilitation Category



**BOARD OF COMMISSIONERS'
MEMORANDUM**

In accordance with section 6-102 of ReWa's Procurement Code, ReWa requested qualification packages from engineering firms for Engineering Services Indefinite Delivery Contracts (IDC) to support projects and initiatives within ReWa's Capital Improvement Program (CIP). In December 2022 qualifications were requested for the major category Collection System Assessment and Rehabilitation. Ten (10) companies submitted responses across some or all the sub-categories as summarized in Table A below:

<i>Table A: Collection System Assessment and Rehabilitation Category and Number of Responses</i>	
<i>Sub-Category</i>	<i>No. of Responses</i>
Flow Monitoring	2
SSES Assistance	8

A review of submitted qualifications packages was made by the ReWa staff to determine the most qualified firms for selection within each sub-category that best fit the goals and business needs of ReWa. The total number of IDC awards for each sub-category is based upon Staff's assessment of the number of needed firms to meet the current and projected CIP workload over the next three years.

Based upon qualification reviews, and the associated scoring of each submittal, the following firms are identified for IDC contract award in the Collection System Assessment and Rehabilitation:

- CHA – Flow Monitoring and SSES Assistance
- Brown and Caldwell – SSES Assistance

Staff recommends that the Board award IDC contracts to the firms listed above and authorize the Chief Executive Officer to execute IDC Engineering Services contracts with those firms.

**BOARD OF COMMISSIONERS'
RESOLUTION**



Engineering Services Indefinite Delivery Contract Award for Collection System Assessment and Rehabilitation

WHEREAS, the Engineering Services Indefinite Delivery Contracts, Collection System Assessment and Rehabilitation Category, will consist of engineering, design, construction, and other professional services to be contracted in accordance with section 6-102 of ReWa's Procurement Code.

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby approve and authorize the Chief Executive Officer to negotiate professional service agreements with the following firms in the Collection System Assessment and Rehabilitation Sub-categories:

- Flow Monitoring – (1) CHA
- SSES Assistance – (2) Brown and Caldwell, CHA

The above Resolution, upon motion duly made, was passed, and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 27th day of February 2023.

R. L. FOGLEMAN, CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER

DATE: February 27, 2023
TO: Board of Commissioners
FROM: Greg Wright
CC: Joel Jones
SUBJECT: Engineering Services Indefinite Delivery
Contract Award, Conveyance Category



**BOARD OF COMMISSIONERS'
MEMORANDUM**

In accordance with section 6-102 of ReWa's Procurement Code, ReWa requested qualification packages from engineering firms for Engineering Services Indefinite Delivery Contracts (IDC) to support the projects and initiatives within ReWa's Capital Improvement Program (CIP). In December 2022, qualifications were requested for the Conveyance Category, with the number of responses received summarized in Table A below:

<i>Table A: Category and Number of Responses</i>	
<i>Category</i>	<i>No. of Responses</i>
Conveyance	19

A review of submitted qualifications packages was made by the ReWa staff to determine the most qualified firms for selection within this category that best fit the goals and business needs of ReWa. The total number of IDC awards for this category is based upon Staff's assessment of the number of firms needed to meet the current and projected CIP workload over the next three years.

Based upon qualification reviews, and the associated scoring of each submittal, the following firms are identified for IDC contract award in the Conveyance Category:

- Black and Veatch
- CDM Smith
- Hazen and Sawyer
- Stantec
- Weston and Sampson

Staff recommends that the Board award IDC contracts to the firms listed above and authorize the Chief Executive Officer to execute IDC Engineering Services contracts with those firms.

**BOARD OF COMMISSIONERS'
RESOLUTION**



Engineering Services Indefinite Delivery Contract Award for Conveyance

WHEREAS, the Engineering Services Indefinite Delivery Contracts, Conveyance Category, will consist of engineering, design, construction, and other professional services of varying scopes to be contracted in accordance with section 6-102 of ReWa's Procurement Code.

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby approve and authorize the Chief Executive Officer to negotiate professional service agreements with the following firms in the Conveyance Category:

- Black and Veatch
- CDM Smith
- Hazen and Sawyer
- Stantec
- Weston and Sampson

The above Resolution, upon motion duly made, was passed, and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 27th day of February 2023.

R. L. FOGLEMAN, CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER

DATE: February 27, 2023
TO: Board of Commissioners
FROM: Greg Wright
CC: Joel Jones
SUBJECT: Engineering Services Indefinite Delivery
Contract Award, Process Category



**BOARD OF COMMISSIONERS'
MEMORANDUM**

In accordance with section 6-102 of ReWa's Procurement Code, ReWa requested qualification packages from engineering firms for Engineering Services Indefinite Delivery Contracts (IDC) to support the projects and initiatives within ReWa's Capital Improvement Program (CIP). In December 2022, qualifications were requested for the Process Category, with the number of responses received summarized in Table A below:

<i>Table A: Category and Number of Responses</i>	
<i>Category</i>	<i>No. of Responses</i>
Process	14

A review of submitted qualifications packages was made by the ReWa staff to determine the most qualified firms for selection within this category that best fit the goals and business needs of ReWa. The total number of IDC awards for this category is based upon Staff's assessment of the number of firms needed to meet the current and projected CIP workload over the next three years.

Based upon qualification reviews, and the associated scoring of each submittal, the following firms are identified for IDC contract award in the Process Category:

- Black and Veatch
- CDM Smith
- GHD
- Hazen and Sawyer

Staff recommends that the Board award IDC contracts to the firms listed above and authorize the Chief Executive Officer to execute IDC Engineering Services contracts with those firms.

**BOARD OF COMMISSIONERS'
RESOLUTION**



Engineering Services Indefinite Delivery Contract Award for Process

WHEREAS, the Engineering Services Indefinite Delivery Contracts, Process Category, will consist of engineering, design, construction, and other professional services of varying scopes to be contracted in accordance with section 6-102 of ReWa's Procurement Code.

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby approve and authorize the Chief Executive Officer to negotiate professional service agreements with the following firms in the Process Category:

- Black and Veatch
- CDM Smith
- GHD
- Hazen and Sawyer

The above Resolution, upon motion duly made, was passed, and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 27th day of February 2023.

R. L. FOGLEMAN, CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER

DATE: February 27, 2023
TO: Board of Commissioners
FROM: Greg Wright
CC: Joel Jones
SUBJECT: Engineering Services Indefinite Delivery Contract Award, Support Services Category



**BOARD OF COMMISSIONERS'
MEMORANDUM**

In accordance with section 6-102 of ReWa’s Procurement Code, ReWa requested qualification packages from engineering firms for Engineering Services Indefinite Delivery Contracts (IDC) to support the projects and initiatives within ReWa’s Capital Improvement Program (CIP). In December 2022, qualifications were requested for the major category of Support Services, which has five sub-categories for selection. Twenty-six (26) companies submitted responses across some or all the sub-categories as summarized in Table A below:

Table A: Support Services Category and Number of Responses	
Sub-Category	No. of Responses
Environmental Investigation and Permitting	10
Engineering Support	13
Right of Way Assistance	5
Survey Assistance	4
Management Consulting	7

A review of submitted qualifications packages was made by the ReWa staff to determine the most qualified firms for selection within each sub-category that best fit the goals and business needs of ReWa. The total number of IDC awards for each sub-category is based upon Staff’s assessment of the number of needed firms to meet the current and projected CIP workload over the next three years. Based upon qualification reviews, and the associated scoring of each submittal, the following firms in Table B are identified for IDC contract award:

Table B: Support Services Category and Selected Firms		
Sub-Category	No. of Firms Selected	Selected Firms
Environmental Investigation and Permitting	5	AECOM, BLE, GMC, S&ME, Terracon
Engineering Support	6	AECOM, Alliance Consulting, Ardurra, Burdette, Howard, WK Dickson
Right of Way Assistance	3	Michael Baker, Utility Land Services, Wilkins Norwood
Survey Assistance	1	H&M Surveying
Management Consulting	3	Clear Consulting, KCI, Woolpert

Staff recommends that the Board award IDC contracts to the firms listed in Table B above and authorize the Chief Executive Officer to execute IDC Engineering Services contracts with those firms.

**BOARD OF COMMISSIONERS'
RESOLUTION**



Engineering Services Indefinite Delivery Contract Award for Support Services

WHEREAS, the Engineering Services, Support Services Category, Indefinite Delivery Contracts will consist of engineering, design, construction, and other professional services of varying scopes to be contracted in accordance with section 6-102 of ReWa's Procurement Code.

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby approve and authorize the Chief Executive Officer to negotiate professional service agreements with the following firms in the Support Services Sub-categories:

- Environmental Investigation and Permitting – (5) AECOM, BLE, GMC, S&ME, Terracon
- Engineering Support – (6) AECOM, Alliance Consulting, Ardurra, Burdette Engineering, Howard Engineering, WK Dickson
- Right of Way Assistance – (3) Michael Baker, Utility Land Services, Wilkins Norwood
- Survey Assistance - (1) H&M Surveying
- Management Consulting - (3) Clear Consulting, KCI, Woolpert

The above Resolution, upon motion duly made, was passed, and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 27th day of February 2023.

R. L. FOGLEMAN, CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER

DATE: February 27, 2023
TO: Board of Commissioners
FROM: Angie Price
CC: Joel Jones
SUBJECT: Facility Improvement Indefinite Delivery Contract Award



**BOARD OF COMMISSIONERS'
MEMORANDUM**

In accordance with section 6-102 of ReWa’s Procurement Code, ReWa requested qualification packages from eligible vendors for Facility Improvement Indefinite Delivery Contracts (IDC) to support projects and initiatives at ReWa’s Water Resource Recovery Facilities. In December 2022, qualifications were requested for the Facility Improvement Category, with the number of responses received summarized in Table A below:

Table A: Category and Number of Responses	
Category	No. of Responses
HVAC	0
Electrical	2
Instrumentation/Control Systems	2
Mechanical	3
Roofing	1
Environmental	3
Building Construction	4

A review of submitted qualifications packages was made by the ReWa staff to determine the most qualified Vendors for selection within each category that best fit the goals and business needs of ReWa in accordance with ReWa’s Procurement Code. Based upon qualification reviews and the associated scoring of each submittal, twelve (12) IDC contracts with nine (9) different vendors are identified for IDC award as shown in Table B below:

Table B: Category and Selected Vendors		
Category	No. of Vendors Selected	Selected Vendors
HVAC	0	N/A
Electrical	1	Clements Electrical, Inc
Instrumentation/Control Systems	2	CITI, Inc. & Flowservice
Mechanical	3	Harper Corporation, Reeves Young, LLC, & Wharton-Smith, Inc.
Roofing	1	I&E Specialties
Environmental	2	Harper Corporation & Hepaco, LLC
Building Construction	3	Harper Corporation, Cely Construction, & Reeves Young, LLC

Staff recommends that the Board award IDC contracts to the vendors listed above in Table B and authorize the Chief Executive Officer to execute IDC contracts for Facility Improvements.

**BOARD OF COMMISSIONERS'
RESOLUTION**



Facility Improvement Indefinite Delivery Contract Award

WHEREAS, the Facility Improvement Indefinite Delivery Contracts will consist of improvement projects at ReWa's Water Resource Recovery Facilities of varying scopes to be to be contracted in accordance with section 6-102 of ReWa's Procurement Code.

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby approve and authorize the Chief Executive Officer to negotiate contract agreements with the following firms in the categories noted:

- Electrical – (1) Clements Electrical, Inc.
- Instrumentation/Control Systems- (2) CITI and Flowservice
- Mechanical-(3) Harper Corporation, Reeves Young, LLC, and Wharton- Smith, Inc.
- Roofing- (1) I&E Specialties
- Environmental- (2) Harper Corporation and Hepaco, LLC
- Building Construction- (3) Harper Corporations, Cely Construction, and Reeves Young, LLC

The above Resolution, upon motion duly made, was passed and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 27th day of February 2023.

R.L. FOGLEMAN, CHAIRMAN

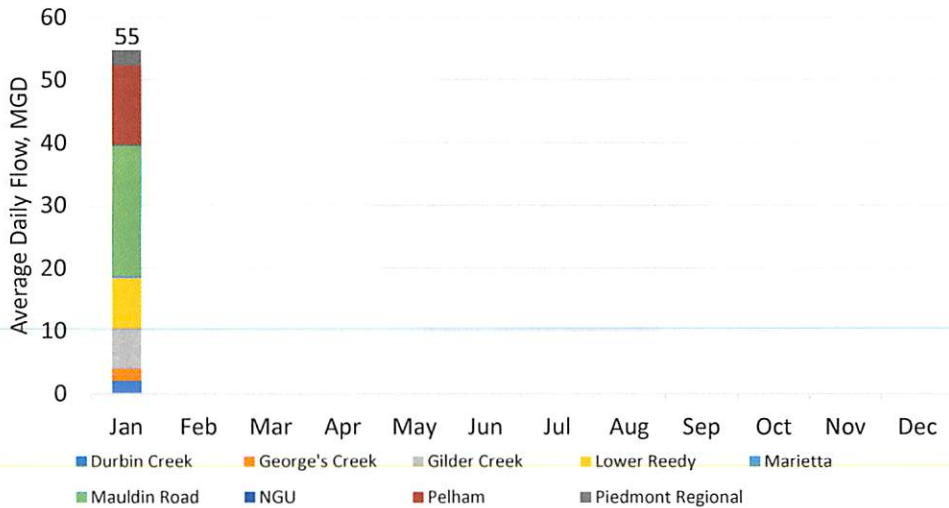
ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER



2023 WRRF Metrics

2023 WRRF Average Daily Flow
Millions of Gallons per Day (MGD)



2023 WRRF Cumulative Average Daily Flow (MGD)
and Rainfall (Inches)



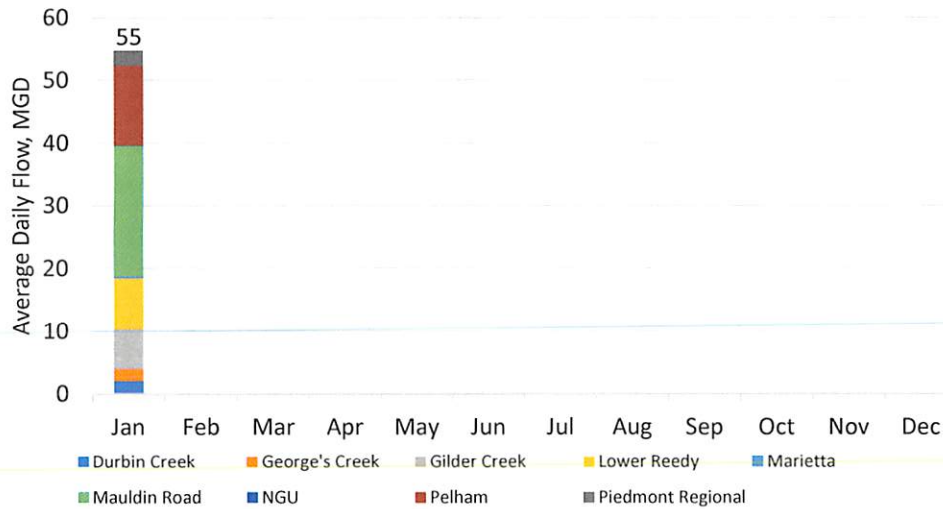
Items to Note:

- In January 2023, the average daily flow was 55 MGD across ReWa’s facilities. This was higher than any month in 2022.
- Mauldin Road WRRF has an average daily flow of 15 MGD. On January 4th, Mauldin Road WRRF experienced a peak flow of 127 MGD.
- In 2022, ReWa collected, conveyed, and treated more than 15 billion gallons of wastewater at an average daily flow of 42 MGD.
- ReWa’s 9 WRRFs have a combined design treatment capacity of 128.4 MGD.

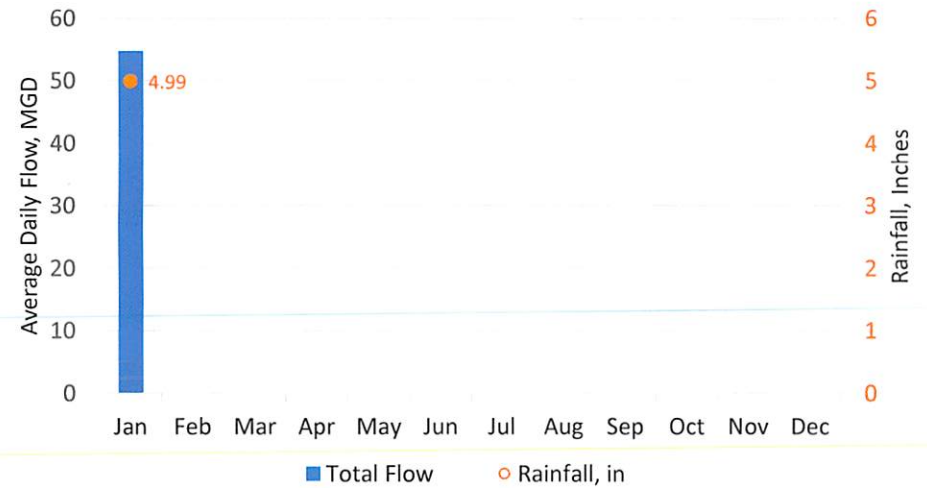


2023 WRRF Metrics

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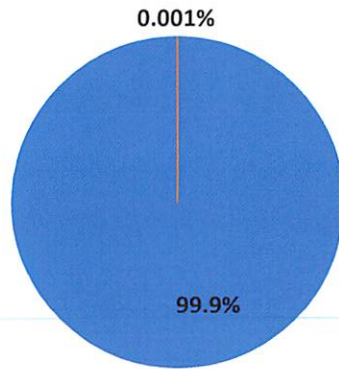
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2023 Compliance Metrics

2023 NPDES Compliance



■ Compliance ■ Non-Compliance

2023 Sanitary Sewer Overflows



■ Wet Weather ■ Non-Wet Weather

Items to Note:

- ReWa’s 10 NPDES Permits have more than 19,000 reportable points of compliance required annually.
- The Pelham WRRF exceeded the NPDES permit limit for E.coli on January 4, 2023.

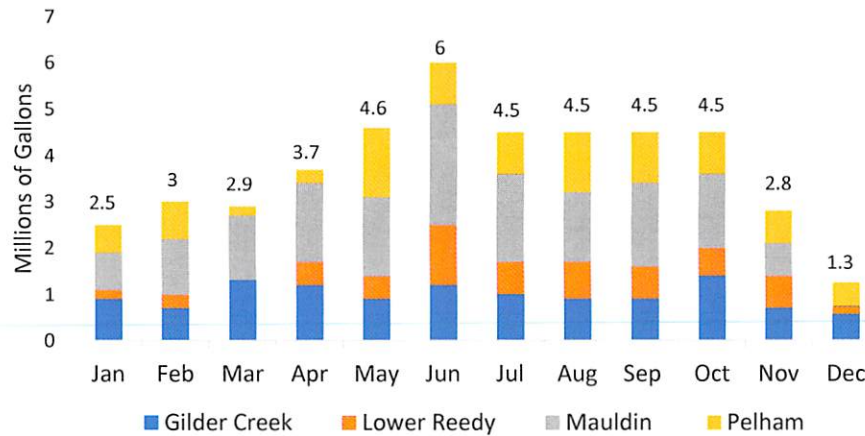
Items to Note:

- Following January 4, 2023, rain event ReWa has experienced 6 sanitary sewer overflows.
- 2023’s YTD SSO’s compared to past years:

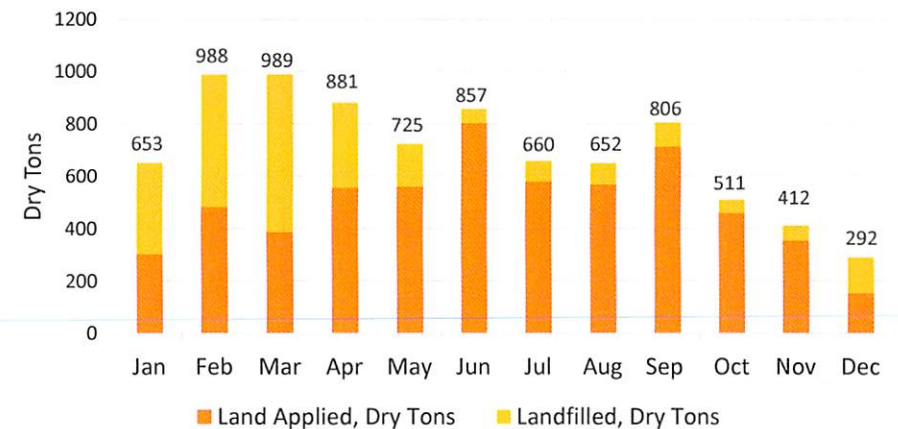
Year	Total SSOs	Wet Weather	Dry Weather	Rainfall, In.
YTD 2023	6	6	0	4.99
2022	12	7	5	54.52
2021	14	7	7	41.5
2020	77	71	6	73.7

Biosolids Metrics

Biosolids Land Applied, Million Gallons



2022 Biosolids Managed, Dry Tons



Items to Note:

- *Land application data typically lags by more than one-month due to billing.*
- During 2022, 44.8 million gallons of biosolids were land applied.
- In 2021, 43.7 million gallons of biosolids were land applied.
- Historically, the months of April – October account for highest land application with less occurring in November- March due to wet weather challenges.

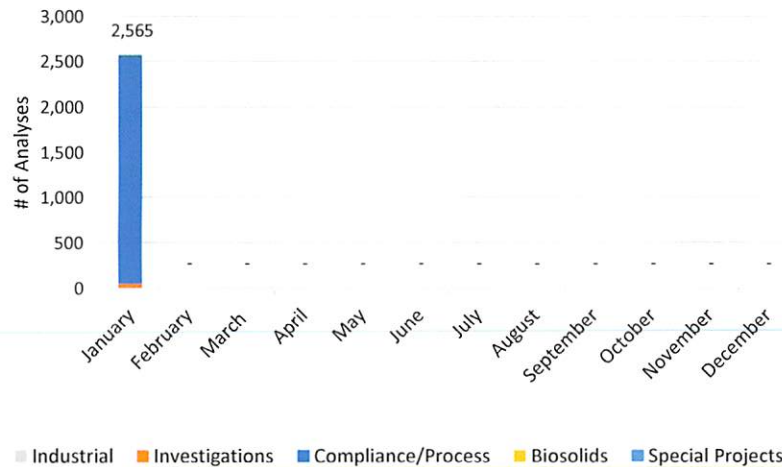
Items to Note:

- In 2022, 8426 Dry tons of biosolids were managed; 70% of biosolids were land applied and 30% were disposed of at a landfill.
- In 2021, approximately 7400 dry tons were managed with 85% land applied and 15% disposed of at a landfill.

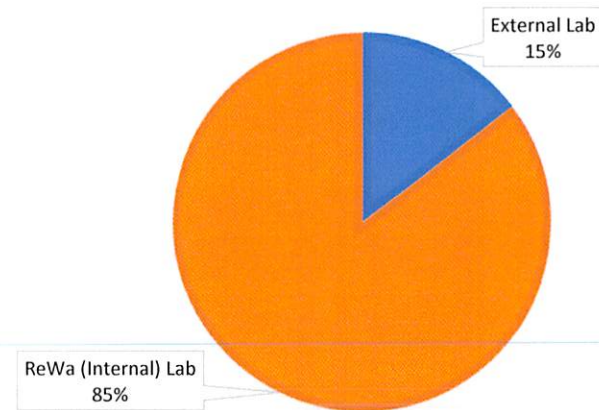


2023 Laboratory Metrics

2023 Laboratory Analyses by Type



January 2023 Laboratory Analyses Performed



Items to Note:

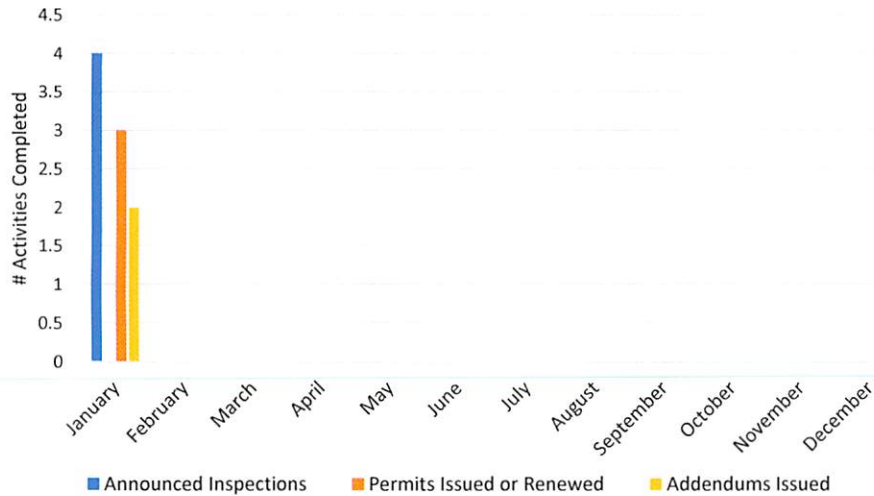
- In 2022, more than 41,100 analyses were performed to support ReWa’s Operations, averaging >3400 analyses per month.
- ReWa’s lab and operations staff perform most analyses; however, a portion is outsourced to contract laboratories.
- ReWa’s lab is certified by DHEC’s laboratory certification program to perform 21 different analytical methods.
- The laboratory supports compliance, operations, industrial pretreatment, biosolids, engineering, and collections teams. The lab also supports ReWa’s research and process improvement efforts.



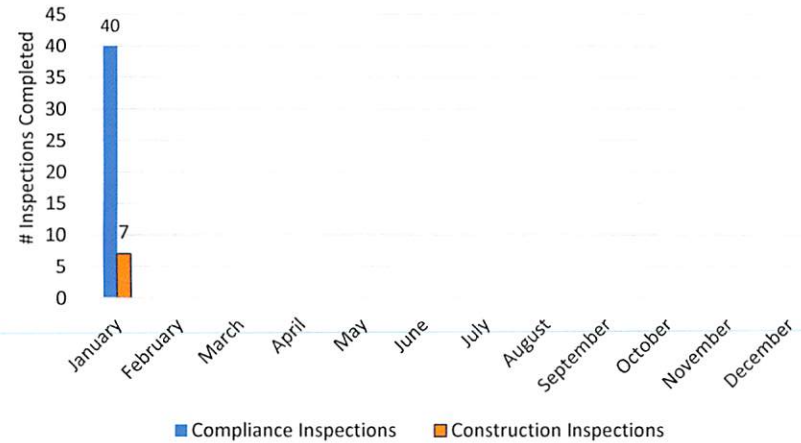
ReWa 2023 Pretreatment Metrics

renewable water resources

2023 Industrial Pretreatment Activities



Food Service Establishment Grease Control Device Inspections



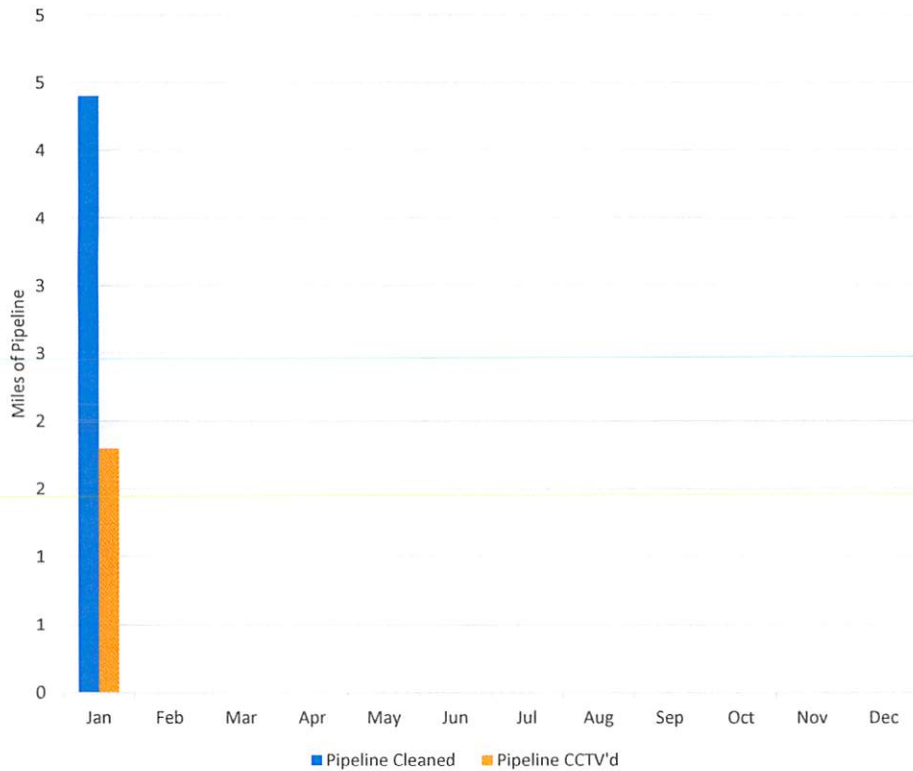
Items to Note:

- A team of 4 pretreatment coordinators perform inspections of ReWa’s industrial dischargers, commercial users, and food service establishments.
- The pretreatment program permits and oversees waste haulers who discharge grease and septage at the Mauldin Road WRRF.
- In 2022, 187 total Industrial User inspections and 900 FSE inspections were performed.
- Pretreatment staff respond and investigate when WRRFs experience negative treatment process impacts resulting from the discharge of industrial and commercial users.

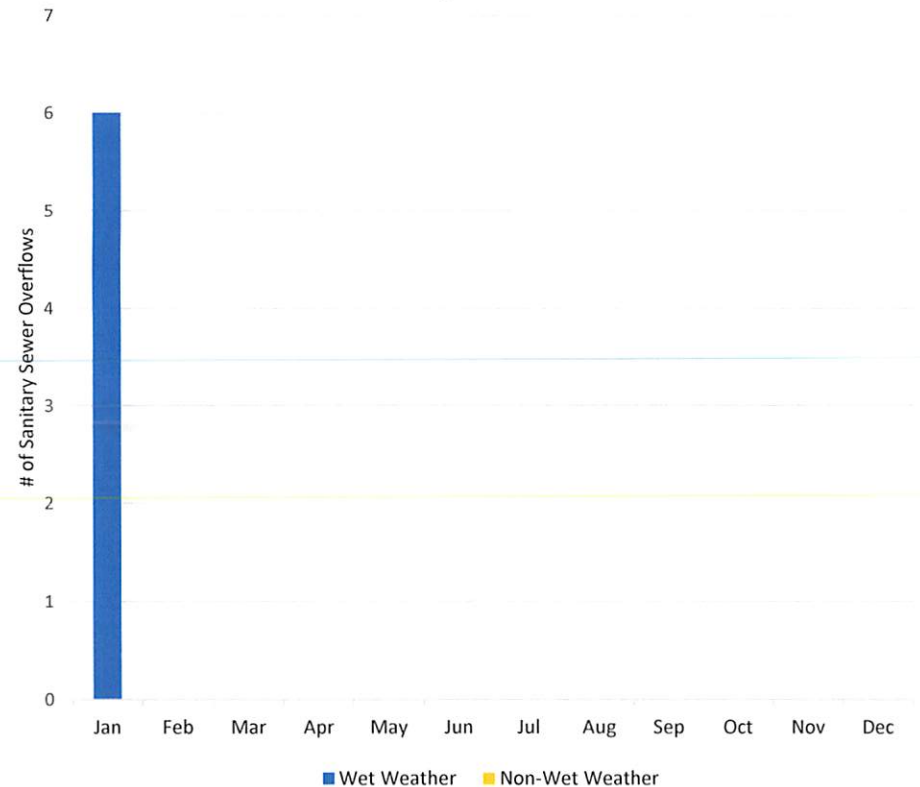


Infrastructure Services

Pipeline Inspection and CCTV

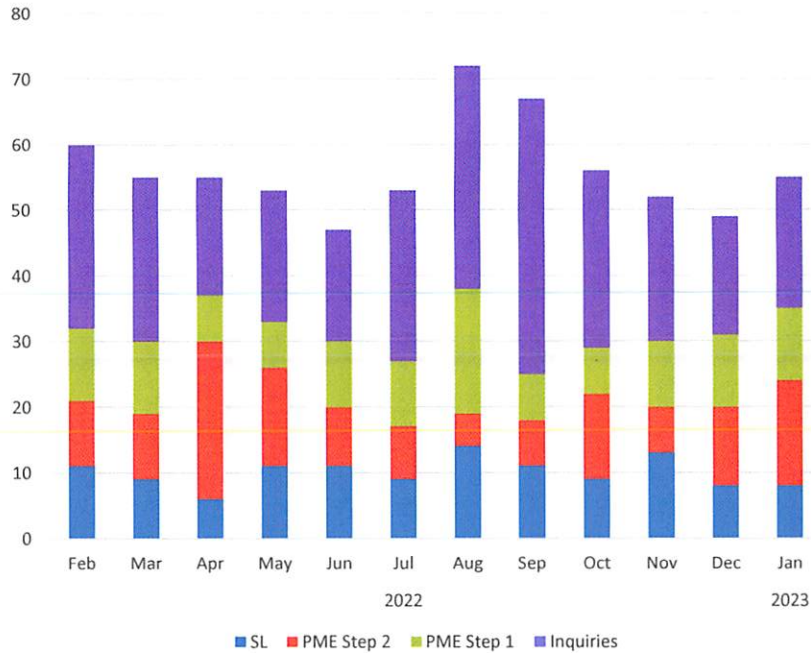


2023 Sanitary Sewer Overflows

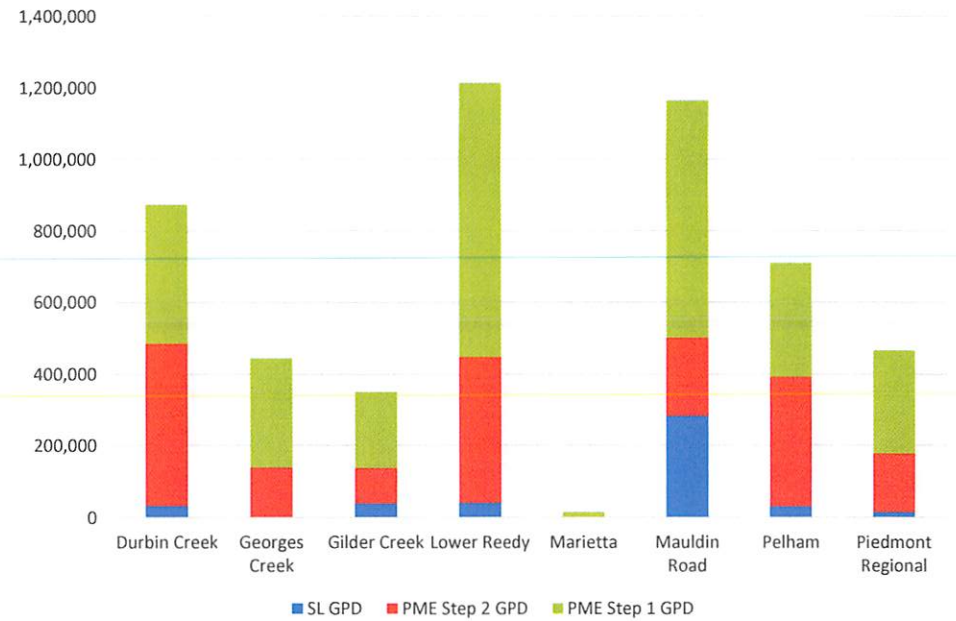


2022 Development Metrics

Permits Processed per Month



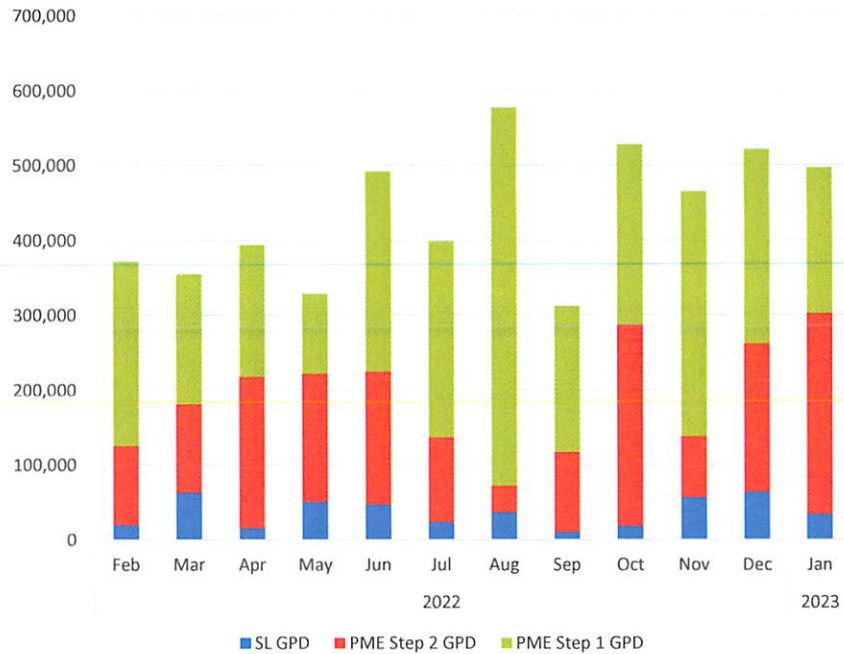
Flow Requested per WRRF (last 12 months)



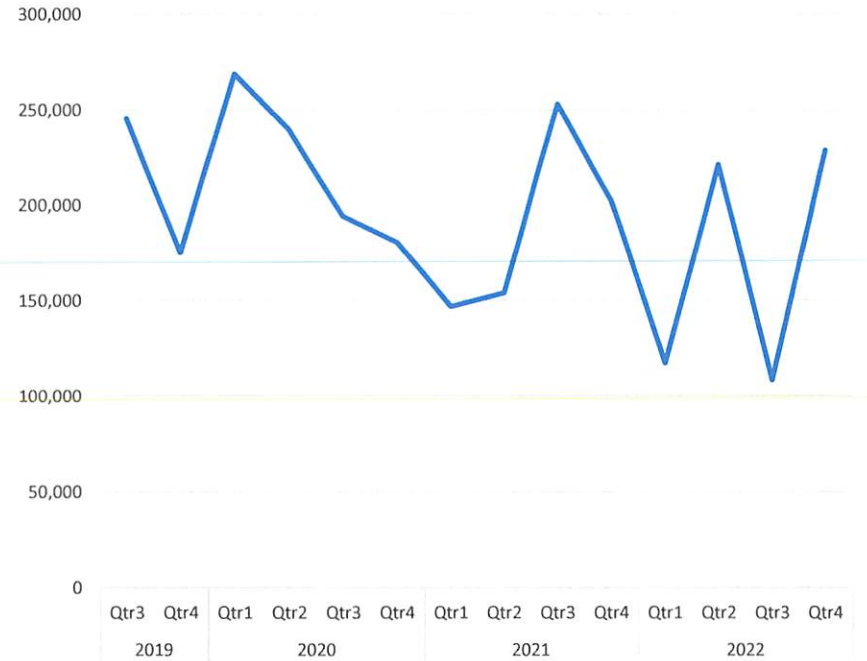


2022 Development Metrics

Flow Requested per Month



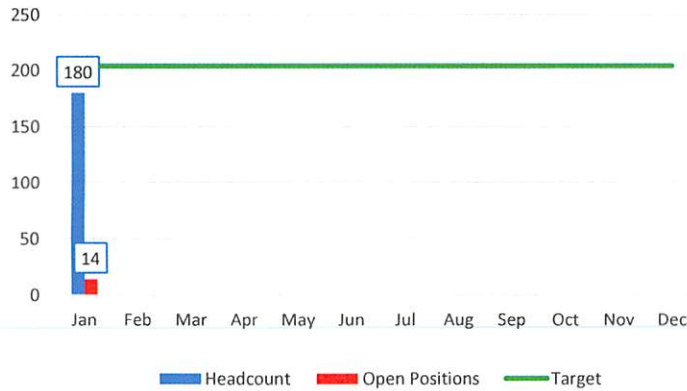
Quarterly Approved Flow Average



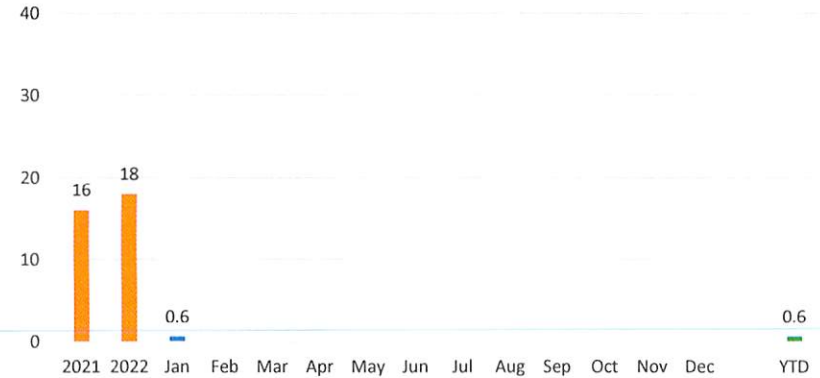


2023 HR Metrics

ReWa Total FTEs/Open Positions



ReWa Employee Turnover (%)



Items to Note:

- Open positions represent all budgeted positions that are not filled.

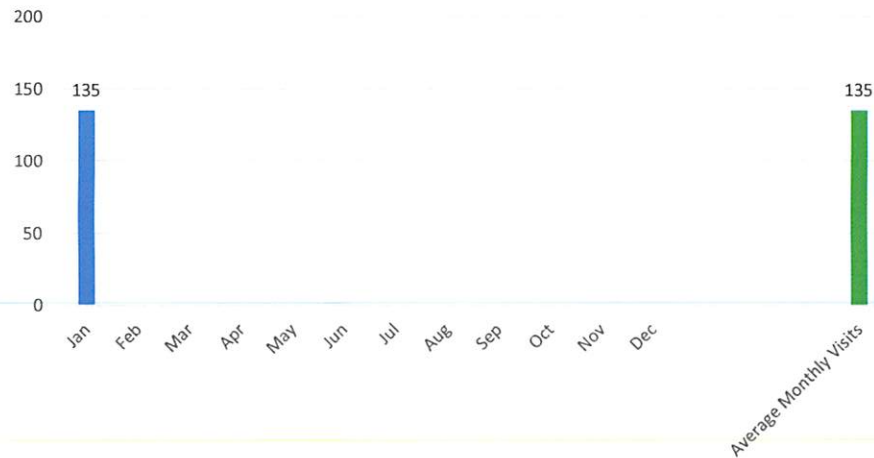
Items to Note:

- Turnover Calculation = (Resignation + Retirements + Involuntary terminations) / Headcount
- 1 employees terminated year to date

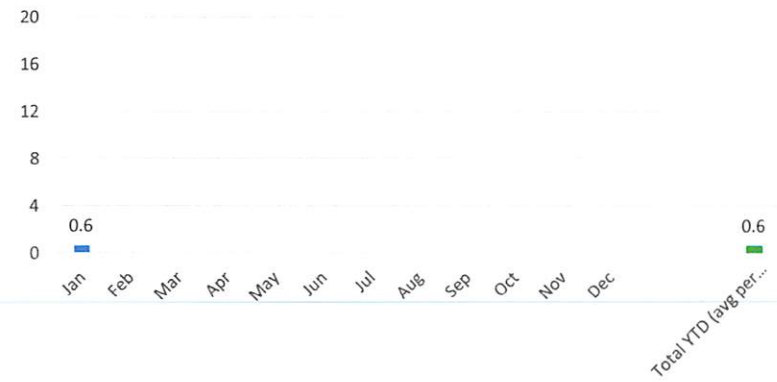


2023 HR Metrics

Nurse Practitioner Visit



ReWa Training (Avg Training Hrs. per Employee)



Items to Note:

- 135 visits total year to date
- Health Plan Savings (YTD) - \$14,803
- Productivity Savings (YTD) - \$13,628

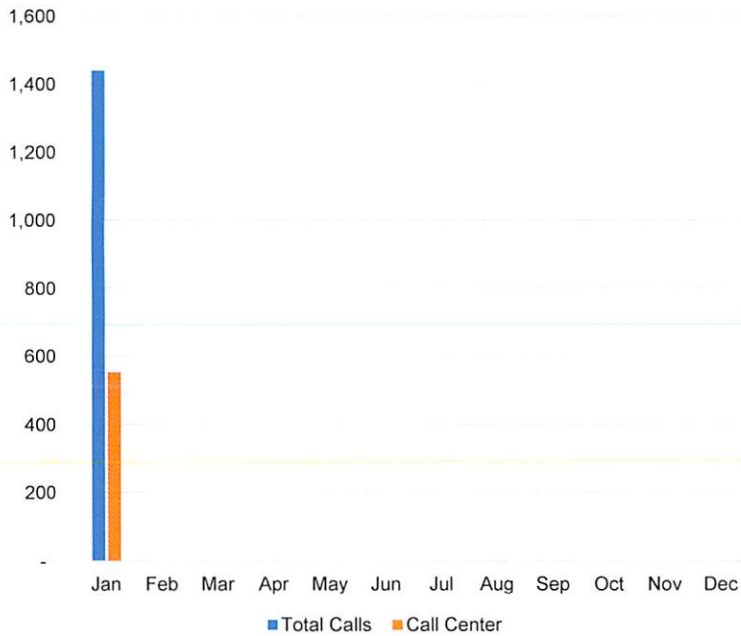
Items to Note:

- Linked In Learning for all employees



2023 Customer Service Metrics

Number of Calls



Average Call Times (in minutes)



Item to Note:

- First call resolution 81%.

By the numbers: Community Engagement on campus 2022-2023

ReWa has hosted

55

Community/
Educational
Events/Tours

That have been
attended by

1,518

Students,
Residents and
Community
Leaders

