

#### Agenda Monday, July 11, 2022 ◊ 5:00 PM <u>Sinclair Water Plant</u>

#### Opening

- 1. Call to Order
- 2. Public Participation

#### Minutes

3. Approval of Minutes - May 9, 2022 Regular Meeting

#### **Reports I**

4. Operations Report presented by ESG, Inc.

#### **New Business**

- 5. Discussion on Timeline Budget Dates
- <u>6.</u> Accounting Plan
- 7. Discussion of Effects of Inflation on 2023 Rates
- 8. Discussion on Baldwin Water Discoloration

#### **Old Business**

9. Discussion on Chemical Costs

#### **Reports II**

- <u>10.</u> Plant Production Reports
- 11. Financial Reports

#### Closing

- 12. Next Meeting September 12, 2022
- 13. Adjournment

#### File Attachments for Item:

3. Approval of Minutes - May 9, 2022 Regular Meeting



#### Minutes Monday, May 9, 2022 ◊ 5:00 PM Sinclair Water Plant

The Sinclair Water Authority met on Monday, May 9, 2022 at approximately 5:00 PM at the Sinclair Water Plant, 126 Cay Drive, Milledgeville, Georgia.

PRESENT Chairman Robert Brown Member Sammy Hall Member Tommy Jefferson Member Ed Walker Member Billy Webster

STAFF PRESENT Plant Manager James Cupo Clerk Lynn Butterworth Christina Corn Danny Lyndall Brice Doolittle

#### Opening

1. Call to Order Chairman Brown called the meeting to order at approximately 5:00 p.m. (Copy of agenda made a part of the minutes.)

2. Public Participation None

#### Minutes

3. Approval of Minutes - March 14, 2022 Regular Meeting Motion to approve the March 14, 2022 Regular Meeting Minutes. Motion made by Member Jefferson, Seconded by Member Hall. Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Walker, Member Webster

Draft Minutes	Page 1 of 4	
May 9, 2022		

#### **Reports I**

4. Operations Report

Plant Manager James Cupo reported the following:

- SWA was presented with a Gold Award from the Georgia Association of Water Professionals
- Maintenance
  - Since the last board meeting, SWA staff completed 204 preventative work orders and 33 corrective maintenance work orders
- Safety
- Operations
  - Raw Water Intake
  - Flocculation / Sedimentation Basins
  - Membrane Filters
  - Chemical Feed / CIP System
  - Projects for the coming months

(Copy of detailed report made a part of the minutes.)

#### 5. 2021 CCR

Mr. Danny Lyndall reported that the annual consumer confidence report is required to be published every year prior to July 1. SWA only has to give it to their two customers (Baldwin County & Putnam County). No action was taken.

(Copy of report made a part of the minutes.)

6. Discussion on Membrane Replacement Delivery

Mr. Lyndall reminded board members that SWA has a contract with Suez for its membrane replacement project and staff is trying to make the membranes last as long as possible. Trane #2 has been repaired frequently and it is recommended that it be replaced. Trane #3 is set to replace in 2023 or 2024 based on need and that may be able to be pushed back. Installation can be done inhouse, so no need to pay Suez to install.

Mr. Brice Doolittle added that new ones should be able to be received by October. The shelf life has no expiration date. He will contact Suez about keeping some in stock for when we need them. No action was taken.

7. Update on funds allocated to SWA by counties

Member Jefferson presented a check to SWA for \$250,000.00 from Putnam County. Member Hall advised that Baldwin County has the money ready but needs a letter from SWA with the capital expenditures listed out. No action was taken.

Draft Minutes	Page <b>2</b> of <b>4</b>	
May 9, 2022		

#### 8. Action on Capital Projects projections

Member Jefferson advised that he reviewed the capital expenditures with ESG (see Quarterly Breakdown of Improvement Schedule) and he believes that with the \$250K from each county and money on hand, SWA can afford this plan.

It was reported that the \$275K Capital Reserve in CD has been moved to a money market account and Christina advised that there is \$94K in another money market, making \$369K total.

# Motion to accept the capital expenditure program presented by ESG and approve money through the end of 2022 (3rd quarter of chart).

#### Motion made by Member Jefferson, Seconded by Member Walker.

**Voting Yea: Chairman Brown, Member Jefferson, Member Walker, Member Webster** (Copy of schedule made a part of the minutes.)

#### **New Business**

9. Moody's Ratings for SWA

Member Jefferson advised that the 2019 bonds are insured and insurer's have ratings and we have to notify our agents. Raymond James will notify the bond holders. This has no impact on SWA. No action was taken.

10. CD Update by Tommy Jefferson This was discussed in Item #8.

#### 11. Low Chlorine Levels

Member Hall advised that Baldwin County is concerned about chlorine levels and they would like to be notified when adjustments are made by SWA. They are just asking for good communication between Baldwin and SWA/ESG.

Mr. Lyndall advised that the rate is set at 1.75 and hasn't been changed. No action was taken.

#### **Old Business**

#### WaterFirst Program - added to agenda

Member Hall advised that he has had a hard time getting in touch with GEFA, but finally did today, which is why this was added to the agenda. The WaterFirst Program is a designation that can be earned for achieving excellence in water resources management. Some of the benefits include a one percent interest rate reduction on GEFA loans and eligibility to apply for CDBG grants every year instead of every other year. There is a workshop scheduled in Dawson County on May 24 but it's not necessary to attend. An application will need to be submitted or a combination application could be done with Putnam/Baldwin/SWA. Member Hall passed out a handout and said he will review the application and possibly add to the next agenda for action. No action was taken.

(Copy of handout made a part of the minutes.)

#### **Reports II**

12. Plant Production Reports

Plant Production reports are in the meeting package to review. No action was taken.

Draft Minutes	Page <b>3</b> of <b>4</b>	
May 9, 2022		

#### 13. Financial Reports

Financial reports are in the meeting package to review. No action was taken.

Member Jefferson shared that cash flow seems okay and hopefully 5% increase in rates will help.

Mr. Lyndall advised that chemical increases are causing overages in the budget already and that some costs have even doubled. Mr. Doolittle added if all continues as is the budget will be \$60K over on chemicals.

#### Closing

14. Next Meeting - July 11, 2022 The next meeting is scheduled for July 11, 2022.

15. Adjournment
Motion to adjourn the meeting.
Motion made by Member Jefferson, Seconded by Member Hall.
Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Walker, Member Webster

Meeting adjourned at approximately 6:24 p.m.

ATTEST:

Lynn Butterworth Clerk Robert Brown Chairman

Draft Minutes	Page 4 of 4	
May 9, 2022		

#### File Attachments for Item:

4. Operations Report presented by ESG, Inc.

# **REPORT TO BOARD OF DIRECTORS**



Sinclair Water Authority

# SWA BOARD MEETING July 11, 2022





ESG management and staff are pleased to present this update to the Sinclair Water Authority Board of Directors covering operations and maintenance activities for the prior month. It is our privilege to serve our community with high quality utility services and support the citizens of Baldwin and Putnam Counties

#### **EXECUTIVE SUMMARY**

During the last reporting period, the ceiling in the membrane building was recoated. The recoating was necessary as large pieces of paint fell and sheered the membrane strands. A powder coat paint replaced the latex paint, which is better suited for the humid environment and chemicals in the membrane building.

The higher than normal temperatures increased raw water manganese levels. This in turn required more chemical, than was expected, to be used to combat the higher manganese numbers.

#### ADMINISTRATION

ESG Operations will begin handling the day-to-day financial and accounting requirements of the project. This work will include:

- Establish roles in QuickBooks in which ESG will hold the administrative role
- ESG Accounting, along with Brice Doolittle, will take over billing for EPWSA and Baldwin County.
- ESG Accounting will take over any banking related functions. Any transactions involving moving of funds will be reported to the board for their review and understanding.
- ESG Accounting will take over any board related financial reporting, including daily bookkeeping.
- Ended contract with the EPD Laboratory and will no longer send samples to Eurofins laboratory. Samples are now being sent to ERA laboratory. This will provide significant savings in shipping and outside laboratory costs.



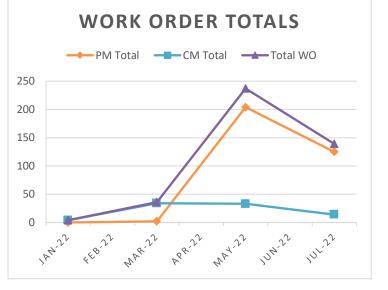
#### MAINTENANCE

ESG-operated projects utilize an asset management software, PSD, for tracking life cycle costs of clientowned assets. All physical assets managed by ESG at the SWA project are entered into the software and preventative maintenance schedules created where appropriate. These schedules auto-generate preventative maintenance work orders (PMs) to help us focus our maintenance efforts to extend the life cycle of SWAs' assets. Since the last board meeting, SWA staff completed 125 preventative work orders and completed 14 corrective maintenance work orders.

ESG also tracks work orders completed by equipment type. This data often indicates where our team has prioritized their time over a given period. Since the last SWA meeting, **204** work orders were completed on plant equipment and **3** work orders were completed on vehicles/equipment.

The graph to the right represents a summary of all works orders completed since **January 2022.** 







11

#### SAFETY

ESG's corporate safety director, Darren Brown, visited and completed forklift training for employees that frequently use the forklift. This training is valid for three years. Also, because training was completed in house it was free of charge. Several other safety training modules have been assigned to the team through ESG's Learning Management Platform. In addition, July Safety Toolbox Talks on stretching, lower back exercises, material handling, and chemical drum safety have been assigned to each team member.



\*Pictured to the left, Clay Stuart demonstrates backing proficiency for forklift certification.

#### **OPERATIONS**

The ESG team has continued to work towards identifying and addressing all issues within the plant as well as finding ways to optimize each part of the treatment process. Several corrective actions and plant improvements have been completed or are currently in progress.

#### **Raw Water Intake**

- New tap was made for Chlorine Dioxide feed water line. This has improved the flow and pressure to the CL02 generator, and no further repairs have been needed.
- CL02 calibration completed, and adjustments made to optimize iron and manganese removal.
- CL02 generator has a worn eductor. Replacement part has been ordered along with all critical spare parts.
- Have started applying copper sulfate to intake cove for algae control. This is a preventative measure to help prevent taste and odor causing algae blooms.
- Electrical repairs have been made to the potassium permanganate pump with out of project assistance.
- Intake forklift went out. Back in use after inspection and repairs were completed by EPWSA mechanic.



• Raw water flow meter was struck by lightning and will need to be repaired or replaced.

\*Pictured to the right, Clay Stuart steers the boat while copper sulfate is applied around the intake screen.



#### **Flocculation / Sedimentation Basins**





\*Pictured left, before floc chamber cleaning. Pictured right, after floc chamber cleaning.

- Flocculation Basin 1, 2, and 3 were pumped out. This allowed us to jet out clogged drains and remove years of sludge and grit accumulation.
- Sedimentation Basin 1 and 2 were both drained and cleaned twice. The most recent clean was performed ahead of schedule due to increased manganese accumulation. This will now be performed monthly to reduce manganese accumulation and carryover.
- The basket strainers were swapped and cleaned.



• New streaming current monitor was purchased and installed. This will help optimize our chemical feed and can provide an early warning to changes in the raw water.





\*Pictured left, almost 6 feet of sludge accumulated in less than 5 weeks due to the increased ambient air temperatures. Pictured right, cleaned sedimentation basin.

#### **Membrane Filters**

- Membrane performance has continued to improve. As a result, we have increased plant recovery to 94%.
- ESG's membrane maintenance team returned to assist with fiber repairs on all membrane trains. Several header couplings will need to be repaired or replaced.
- Increased Manganese accumulation found during membrane repairs.
- An air ejector was replaced on Membrane Train 4.
- Suez has been notified that SWA would like to move forward with the replacement of Membrane Train 2. This is expected to take place in October or November of this year.



\*Pictured left, manganese accumulation on the intake of the membrane cassette. This material is removed and strands are repaired.



#### **Chemical Feed / CIP System**

- We have increased our Chlorine residual target value to a 2.0 mg/L leaving the plant.
- Our chlorine dioxide feed rate has been significantly higher due to increased manganese levels.
- We have switched one of our membrane cleaning acids from muriatic to sulfuric acid. We believe this will improve our acid recovery cleans and is a less volatile acid to handle.

#### Training

- Andy Beall passed his Class I Water Plant Operator certification test.
- Operators completed streaming current monitor training. This was a 4 CEU course that was included with the SCM purchase.
- Day shift operators completed forklift training
- Day shift operators completed a chlorine disinfection course.

\*Chemtrac representative performs training on the new streaming current monitor.

#### **Projects for the coming months:**

- Alum sludge removal from in and around lagoons.
- Installing new CIP heater.
- Replacing backwash tank fill valve.
- Replacing springs on all permeate check valves
- Installing a more permanent chemical transfer line at Intake building.

#### File Attachments for Item:

6. Accounting Plan

On Jul 5, 2022, at 1:29 PM, Brice Doolittle <<u>bdoolittle@esginc.net</u>> wrote:

Mr. Brown,

Per the email that was sent over to you and Mr. Jefferson, Heather Harris, ESG's Director of Accounting, addressed the items brought up:

The accounting plan for SWA is as follows:

- Establish roles in QuickBooks: ESG will hold the Admin role, while Lorraine will be given a general user role. By establishing individual roles, information security will be at a higher level.
- ESG Accounting, along with Brice Doolittle, will take over billing. We will work to understand any intricacies that may occur from time to time.
- ESG Accounting will take over any banking related functions. Any transactions involving moving of funds will be reported to the board for their review and understanding.
- ESG Accounting will take over any board related financial reporting, including daily bookkeeping.

Lorraine's role will be phased out over the next few months, with intent to no longer need her services by end of year (or sooner). I am working with I.T. to gain access to all SWA emails that Christina manages. We will work to inform debt/bonds, etc. of the new contact information with ESG Accounting. I recommend that at least one board member also be on the contact list to be copied on correspondence from those agencies.

Please let us know if there are any further questions.

Thank you,

Brice Doolittle | <u>bdoolittle@esginc.net</u> | Project Manager

ESG Operations, Inc. | 663 Godfrey Road | Eatonton, GA 31024 C. 706.399.1238 | O. 706.485.5252 | F. 706.485.8026 www.esginc.net

#### File Attachments for Item:

10. Plant Production Reports

Baldwin	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual Actuals Total
2021 Actual Usage	58303	51114	69721	61,804	66021	50741	55273	51650	49247	47979	66632	70073	
2022 ACTUAL USAGE	67,062	57,158	60,329	63,055	70,389	66,895		1227 10 10 10		Parry Marriel	No.		384888
2022 PROJECTED USAGE	59000	54000		60000	67000	62000	75000	72000	71000	68000	62000	61000	773,000

#### Manually Enter Grey Area from EOM Flows Report

Percentage of difference in the Projected and Actual Usage	0.1202171	0.0552504	-0.0276981	0.0484498	0.0481467	0.0731744	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/01	#DIV/0	#DIV/0!
recentinge of difference in the objected of the second	12.022	5.525	-2.770	4.845	4.815	7.317	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/01	#DIV/0!
Total Distribution of both counties @ Month End	104,725,103	92,508,433	93,501,520	95,845,923	107,196,168	106,757,807						
Actual Gallon Usage @ Month End	67,062,860	57,158,054	60,329,379	63,055,942	70,389,040	66,895,810		24 m 1. /				
Percent of Total Gallons Used @ Month End	0.6403704	0.6178686	0.6452235	0.6578886	0.6566377	0.6266128	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Percent of Total Gallons Used @ Month End	64.037	61.787	64.522	65.789	65.664	62.661	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/01	#DIV/0!

RULES: Both Rule 1 & 2 have to apply before a change of billing occurs	Baldwin Gallons Usage	Baldwin Gallons Usage				
1) Percentage of difference in the Projected and Actual Usage must be 3% and over for 6 consecutive months			Mays Rd	364436		
2) Percent of Total Gallons Used @ Month End must be 3% over 66.5% (68.5%)	Baldwin Main Meter	67,264,885	Ga Power	4041		
55% (Baldwin) of the 5.5 Plant Capacity (3.025 MGD=90,750,000)	Average of South Putnam Meters	369,075	DNR Boathouse	598		
The county over the projected capacity for 3 consecutive months must have written permission from opposite county	BALDWIN GALLONS USED	66,895,810	Total of Averages	369075		
If Rules 1 & 2 should occur, a change in billing formula is required	Distribution Total	106,757,807				
See the Amended March 2020 IGA for additional rules	Amount billed per month	\$ 100,255.44				
Exceeded limits-See Rules						

Putnam	Jan	Feb	March	April	Μаγ	June	July	Aug	Sept	Oct	Nov	Dec	Annual Actuals Totals
2021 Actual Usage	32716	30282	32356	32064	37416	33791	34541	35743	33207	33132	32281	36184	
2022 ACTUAL USAGE	37,662	35,350	33,172	32,789	36,807	39,861			9				215,641
2022 PROJECTED USAGE	33725	31291	33365	33073	38425	34800	35550	36752	34216	34141	33290	<b>37</b> 193	415,821

#### Manually Enter Grey Area from EOM Flows Report

Percentage of difference in Projected and Actual Usage	0.1045351	0.1148232	-0.0058182	-0.0086614	-0.0439590	0.1269662	#DIV/01	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	#DIV/01
	10.454	11.482	-0.582	-0.866	-4.396	12.697	#DIV/01	#DIV/01	#DIV/01	#DIV/01	#DIV/01	#DIV/01
Total Distribution of both Counties @ Month End	104,725,103	92,508,433	93,501,520	95,845,923	107,196,168	106,757,807	1997 - Mg. 1	No. water	a line of the second	and and and and		
Actual Usage @ Month End	37,662,243	35,350,379	33,172,141	32,789,981	36,807,128	39,861,997			7	18 000	· · · · · · · · · · · · · · · · · · ·	-
Percent of Total Gallons Used @ Month End	0.35962956	0.38213142	0.35477649	0.34211138	0.34336235	0.37338718	#DIV/01	#DIV/0!	#DIV/01	#DIV/01	#DIV/01	#DIV/01
	35.963	38.213	35.478	34.211	34.336	37.339	#DIV/01	#DIV/01	#DIV/01	NDIV/01	#DIV/01	#DIV/0!

RULES: Both Rule 1 & 2 have to apply before a change of billing occurs	Putnam Gallons Usage	Putnam Gallons Usage				
1) Percentage of difference in the Projected and Actual Usage must be 3% and over for 6 consecutive months			Mays Rd	364436		
2) Percent of Total Gallons Used @ Month End must be 3% over 33.5% (34.51%)	Putnam Main Meter	39,492,922	Ga Power	4041		
Putnam 45% of the 5.5 Plant Capacity (2.475 MGD=74,250,000)	Average of South Putnam Meters	369,075	DNR Boathouse	598		
The county over the projected capacity for 3 consecutive months must have written permission from opposite county	PUTNAM GALLONS USED	39,861,997	Total of Averages	369075		
If Rules 1 & 2 should occur, a change in billing is required	Distribution Total	106,757,807				
See the Amended March 2020 IGA for additional rules	Amount Billed per month	\$ 82,027.18				
Exceeded Limits-See Rules						

# **Flows Monthly Report**

Date	Time	<b>D</b>	_	v	1			
22-06-01	23:59:59	Raw	Permeate	Lagoon	Putnam	Baldwin	Choby's	s Total Dist
2022-06-02	23:59:59	3,884,730	3,069,707	348,130	1,168,011	2,143,547		3,311,558
2022-06-03		3,864,374	3,502,261	264,009	1,131,184	The local distance of the second s		3,132,751
2022-06-04	23:59:59	3,516,527	3,185,134	240,546	1,239,952			3,179,975
2022-06-05	23:59:59	3,667,391	3,339,304	235,907	1,144,979			3,314,605
2022-06-06	23:59:59	3,701,521	3,349,777	224,443	1,260,717	2,086,293		3,347,010
2022-06-07	23:59:59	3,689,835	3,355,247	222,335	1,173,834	2,141,875		3,315,709
2022-06-08	23:59:59	3,440,927	3,104,868	233,813	1,356,328	2,057,641		3,413,969
	23:59:59	4,111,759	3,740,264	257,547	1,215,343	2,148,790		
2022-06-09	23:59:59	3,412,192	3,074,813	254,433	1,167,542	1,855,378		3,364,133
2022-06-10	23:59:59	3,313,781	2,977,622	314,594	1,186,399	1,995,320		3,022,920
2022-06-11	23:59:59	3,660,731	3,308,568	248,516	1,226,428	2,076,523		3,181,719
2022-06-12	23:59:59	4,058,007	3,700,653	240,467	1,300,660	2,324,988		3,302,951
2022-06-13	23:59:59	3,891,286	3,561,151	230,560	1,273,089	2,335,780		3,625,648
2022-06-14	23:59:59	3,922,106	3,550,342	271,532	1,267,435	2,090,845		3,608,869
2022-06-15	23:59:59	3,804,206	3,451,849	247,043	1,209,840	2,113,078		3,358,280
2022-06-16	23:59:59	3,869,915	3,497,910	253,349	1,332,168	2,336,587		3,322,918
2022-06-17	23:59:59	4,384,663	3,905,332	362,146	1,481,083	2,365,171		3,668,755
2922-06-18	23:59:59	4,505,449	4,106,315	283,984	1,535,665	2,292,171		3,846,254
2022-06-19	23:59:59	3,684,838	3,354,828	213,217	1,418,982	2,151,333		3,827,836
2022-06-20	23:59:59	4,155,887	3,725,699	246,422	1,332,036	2,675,699		3,570,315
2022-06-21	23:59:59	4,711,301	4,220,853	352,242	1,381,576	2,362,794		4,007,735
2022-06-22	23:59:59	4,340,422	3,941,223	252,904	1,302,102	2,429,476		3,744,370 3,731,578
2022-06-23	23:59:59	4,030,637	3,658,617	252,857	1,529,592	2,437,254		3,966,846
2022-06-24	23:59:59	4,726,314	4,301,953	257,211	1,498,790	2,831,471		4,330,261
2022-06-25	23:59:59	4,722,612	4,306,480	267,933	1,530,756	2,514,653		4,045,409
2022-06-26	23:59:59	4,377,119	3,993,041	252,002	1,482,668	2,658,779		4,141,447
2022-06-27	23:59:59	4,481,266	4,088,626	257,875	1,450,334	2,451,994		3,902,328
2022-06-28	23:59:59	4,150,917	3,765,058	273,883	1,295,756	2,115,972		
2022-06-29	23:59:59	3,580,072	3,262,297	230,356	1,250,665	2,081,815		3,411,728
2022-06-30	23:59:59	3,915,173	3,557,011	257,385	1,349,008	2,078,442		3,332,480
<ul> <li>A second sec second second sec</li></ul>	TOTAL:	119,575,958	107,956,803	7,847,641				3,427,450
	MIN:	3,313,781	2,977,622		39,492,922	67,264,885		106,757,807
	MAX:	4,726,314	4,306,480	213,217	1,131,184	1,855,378		3,022,920
	AVG:	3,985,865		362,146	1,535,665	2,831,471		4,330,261
	COUNT:		3,598,560	261,588	1,316,431	2,242,163		3,558,594
		30	30	30	30	30	0	30

# Flows Monthly R

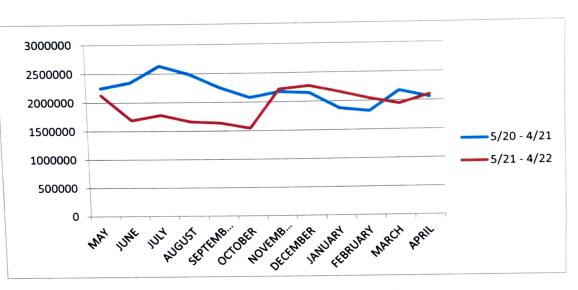
# **Flows Monthly Report**

Date	Time	Raw	Permeate	Lagoon	Putnam	Baldwin	Choby's	Total Dist
2022-05-01	23:59:59	4,122,788	3,741,092	194,578	1,300,710	2,578,050		3,878,760
2022-05-02	23:59:59	3,861,614	3,494,708	304,001	1,059,825	2,361,255		3,421,080
2022-05-03	23:59:59	4,117,833	3,719,241	311,726	1,228,652	2,348,096		3,576,748
2022-05-04	23:59:59	3,822,929	3,466,511	278,815	1,037,052	2,416,900		3,453,952
2022-05-05	23:59:59	3,902,344	3,498,168	299,583	1,143,204	2,471,743		3,614,947
2022-05-06	23:59:59	3,981,800	3,601,239	313,018	1,108,543	2,252,183		3,360,726
2022-05-07	23:59:59	3,733,527	3,366,010	261,192	1,189,881	2,326,003		3,515,884
2022-05-08	23:59:59	4,309,241	3,912,984	281,107	1,079,737	2,576,622		3,656,359
2022-05-09	23:59:59	3,684,796	3,339,184	244,451	1,107,444	2,392,665		3,500,109
2022-05-10	23:59:59	3,932,435	3,554,006	266,633	1,191,106	2,468,103		3,659,209
2022-05-11	23:59:59	4,316,995	3,909,813	386,316	1,222,205	2,549,095		3,771,300
2022-05-12	23:59:59	4,175,437	3,785,676	290,447	1,083,621	2,458,392		3,542,013
2022-05-13	23:59:59	3,621,188	3,267,517	268,888	1,108,144	2,167,683	an a	3,275,827
2022-05-14	23:59:59	3,761,588	3,384,686	275,383	1,363,301	2,222,408		3,585,709
2022-05-15	23:59:59	4,119,000	3,697,207	287,013	1,221,033	2,467,605		3,688,638
2022-05-16	23:59:59	4,427,818	4,013,514	286,401	1,243,543	2,581,093		3,824,636
2022-05-17	23:59:59	4,282,191	3,874,917	441,695	1,386,201	2,459,535		3,845,736
2022-05-18	23:59:59	4,280,531	3,875,272	457,690	1,190,983	2,633,829		3,824,812
2022-05-19	23:59:59	4,235,711	3,817,017	361,049	1,182,619	2,625,708		3,808,327
2022-05-20	23:59:59	4,627,965	3,777,485	406,994	1,331,624	2,559,504		3,891,128
2022-05-21	23:59:59	4,065,928	3,484,983	621,736	1,229,396	2,034,642		3,264,038
2022-05-22	23:59:59	3,893,604	3,327,037	699,145	1,223,571	2,068,669		3,292,240
2022-05-23	23:59:59	3,561,884	3,172,023	870,547	1,107,545	1,937,969		
2022-05-24	23:59:59	3,486,969	2,784,150	287,580	1,038,534	1,747,442		3,045,514
2022-05-25	23:59:59	3,418,297	3,091,693	249,467	1,049,453	1,876,192	and the second	2,785,976
2022-05-26	23:59:59	3,247,702	2,942,507	281,396	1,047,605	1,786,725		2,925,645
2022-05-27	23:59:59	3,052,350	2,747,255	253,421	1,021,494			2,834,330
2022-05-28	23:59:59	3,707,269	3,326,738	259,382	1,189,283	1,991,735		3,013,229
2022-05-29	23:59:59	3,803,387	3,432,757	266,061	and the second se	1,981,348		3,170,631
2022-05-30	23:59:59	4,148,391	3,767,840	261,905	1,265,936	2,331,734		3,597,670
2022-05-31	23:59:59	3,394,051	3,019,990	680,189	1,360,764	2,118,314		3,479,078
	TOTAL:				1,125,044	1,966,873		3,091,917
		121,097,563	108,193,220	10,947,809	36,438,053	70,758,115	5	107,196,168
	MIN: MAX:	3,052,350	2,747,255	194,578	1,021,494	1,747,442	2	2,785,976
	MAX:	4,627,965	4,013,514	870,547	1,386,201	2,633,829	)	3,891,128
	AVG:	3,906,373	3,490,104	353,155	1,175,421			
	COUNT:	31	31	31	31	31		3,457,941
Wednesday, J	lune 01, 2022					51	0	31

Page 1 of 2

### MONTHLY FLOW RATES FOR BALDWIN COUNTY May 2020 Thru April 2022

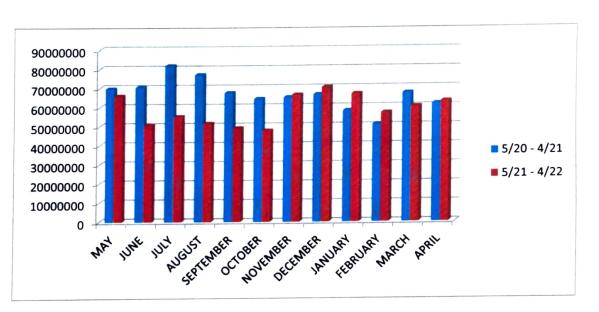
	FLOWRATES*	FLOWRATES*
	5/20 - 4/21	5/21 - 4/22
MAY	2251615	2129716
JUNE	2351378	1691384
JULY	2640602	1783030
AUGUST	2489230	1666147
SEPTEMBER	2257030	1641592
OCTOBER	2082316	1547717
NOVEMBER	2178749	2221084
DECEMBER	2152496	2272355
JANUARY	1880756	2163318
FEBRUARY	1825502	2 2041359
MARCH	217424	6 1946109
APRIL	206015	9 2101864



\*These figures are the average daily flow each month for Baldwin County These figures are based on the billable gallons for each month

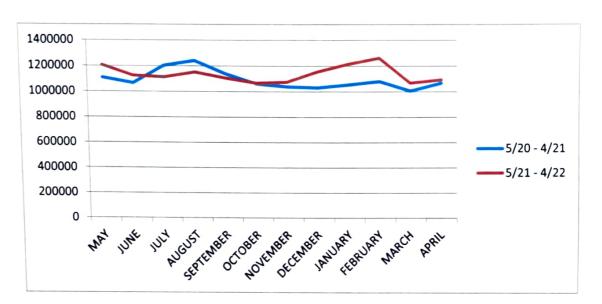
### MONTHLY BILLABLE GALLONS FOR BALDWIN COUNTY May 2020 Thru April 2022

	GALLONS	GALLONS
	5/20 - 4/21	5/21 - 4/22
MAY	69800065	66021197
JUNE	70541369	50741532
JULY	81858675	55273933
AUGUST	77166156	51650583
SEPTEMBER	67710920	49247764
OCTOBER	64551807	47979233
NOVEMBER	65362489	66632526
DECEMBER	66727391	70443011
JANUARY	58303452	67062860
FEBRUARY	51114067	57158054
MARCH	67401652	60329379
APRIL	61804775	63055942



## MONTHLY FLOW RATES FOR PUTNAM COUNTY May 2020 Thru April 2022

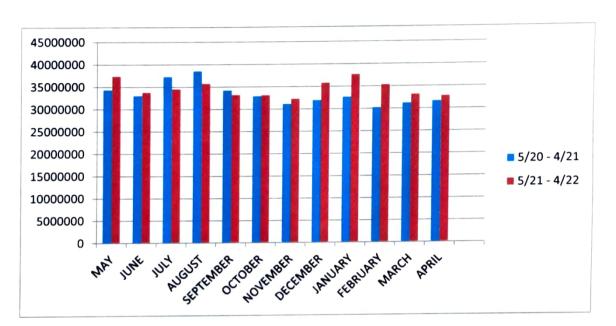
	FLOWRATES*	FLOWRATES*
	5/20 - 4/21	5/21 - 4/22
MAY	1109819	1206972
JUNE	1067988	1126380
JULY	1205246	1114231
AUGUST	1244693	1153002
SEPTEMBER	1142169	1106920
OCTOBER	1063571	1068774
NOVEMBER	1040281	1076051
DECEMBER	1032653	1155328
JANUARY	1055383	1214911
FEBRUARY	1081516	5 1262513
MARCH	1008491	l 1070069
APRIL	1068829	9 1092999



\*These figures are the average daily flow each month for Putnam County These figures are based on the billable gallons for each month

### MONTHLY BILLABLE GALLONS FOR PUTNAM COUNTY May 2020 Thru April 2022

	GALLONS	GALLONS
	5/20 - 4/21	5/21 - 4/22
MAY	34404415	37416135
JUNE	33107645	33791421
JULY	37362638	34541175
AUGUST	38585492	35743083
SEPTEMBER	34265077	33207606
OCTOBER	32970729	33132009
NOVEMBER	31208446	32281538
DECEMBER	32012246	35815196
JANUARY	32716898	37662243
FEBRUARY	30282459	35350379
MARCH	31263234	33172141
APRIL	31695822	32789981



#### File Attachments for Item:

11. Financial Reports

Sinclair Water Authority

126 Cay Dr. Milledgeville, GA 31061



Date	Invoice #
6/30/2022	Baldwin0622

#### Bill To

Baldwin County Board of Commissioners 1601 North Columbia St Ste. 230 Milledgeville, GA 31061

Description	Qty	Rate	Amount
aldwin Monthly Water Sales		100,255.44	100,255.44
		To	s100,2

Sinclair Water Authority

126 Cay Dr. Milledgeville, GA 31061



Date	Invoice #
6/30/2022	Putnam0622

Bill To

Putnam Co. Board of Commissioners 117 Putnam Drive Suite A Eatonton, GA 31024

Description	Qty	Rate	Amount
utnam Monthly Water Sales		82,027.18	82,027.18
		Tota	\$82,0

## Jun-22

Baldwin Gallons Usage		Baldwin Usage Info	
Baldwin Main Meter	67,264,885	Baldwin Usage	66,895,810
Average of South Putnam Meters	369,075	Baldwin JUNE Projected Usage	62,000,000
		Baldwin Excess Usage %	7%
		Baldwin % of Total Usage	63%
BALDWIN GALLONS USED	66,895,810	Baldwin AUGUST Projected Usage	75,000,000

Putnam Gallons Usage		Putnam Usage Info	
Putnam Main Meter	39,492,922	Putnam Usage	39,861,997
Average of South Putnam Meters	369,075	Putnam JUNE Projected Usage	34,800,000
		Putnam Excess Usage %	13%
		Putnam % of Total Usage	37%
PUTNAM GALLONS USED	39,861,997	Putnam AUGUST Projected Usage	35,550,000

Total of Gallons	106,757,807
Baldwin	63%
Putnam	37%
Total of Gallons	100%

Sinclair Water Authority

126 Cay Dr. Milledgeville, GA 31061

Date	Invoice #
5/31/2022	Baldwin522

Invo<sup>30</sup> e

Bill To

Baldwin County Board of Commissioners 1601 North Columbia St Ste. 230 Milledgeville, GA 31061

Description	Qty	Rate	Amount
Baldwin Monthly Water Sales		100,255.44	100,255.44
		<b>T</b> . 4	\$100.24
		Tota	\$100,25

Sinclair Water Authority

126 Cay Dr. Milledgeville, GA 31061



Date	Invoice #
5/31/2022	Putnam522

Bill To

Putnam Co. Board of Commissioners 117 Putnam Drive Suite A Eatonton, GA 31024

Description	Qty	Rate	Amo	ount
utnam Monthly Water Sales		82,027.18		82,027.18
			Tatal	¢
			Total	\$82,02

# May-22

Baldwin Gallons Usage		Baldwin Usage Info	
Baldwin Main Meter	70,758,115	Baldwin Usage	70,389,040
Average of South Putnam Meters	369,075	Baldwin MAY Projected Usage	67,000,000
		Baldwin Excess Usage %	5%
		Baldwin % of Total Usage	66%
BALDWIN GALLONS USED	70,389,040	Baldwin JUNE Projected Usage	62,000,000

Putnam Gallons Usage		Putnam Usage Info	
Putnam Main Meter	36,438,053	Putnam Usage	36,807,128
Average of South Putnam Meters	369,075	Putnam MAY Projected Usage	38,425,000
		Putnam Excess Usage %	-4%
		Putnam % of Total Usage	34%
PUTNAM GALLONS USED	36,807,128	Putnam JUNE Projected Usage	34,800,000

Т	otal of Gallons	107,196,168
В	Baldwin	66%
P	Putnam	34%
I	otal of Gallons	100%

	Jul 1, 22
ASSETS	
Current Assets	
Checking/Savings	
58.2000 · Cash	
11.1111 · Exchange Bank Operating	199,238.28
11.1120 · Exchange - Reserve	868,824.64
11.1200 · Cash With Fiscal Agent	171,515.54
Total 58.2000 · Cash	1,239,578.46
Total Checking/Savings	1,239,578.46
Accounts Receivable	
11.1900 · Accounts Receivable	137.67
Total Accounts Receivable	137.67
Other Current Assets	40.040.50
11.3800 · Prepaid Assets	13,810.50
Total Other Current Assets	13,810.50
Total Current Assets	1,253,526.63
Fixed Assets	
11.7100 · Land & Row	76,763.35
11.7400 · Water Treatment Plant	18,252,679.61
11.7410 · Accum Depr-Buildings	-7,431,017.37
11.7500 · Machinery and Equipment	127,385.79
11.7510 · Accum Depr-Machinery & Equip	-90,342.83
11.7635 · CIP-Chemical Storage Room	6,711.62
Total Fixed Assets	10,942,180.17
Other Assets	
11.9000 · Deferred Outflows of Resources 11.9300 · Defrred Outflw of Resrc-Pension	10,838.00
Total 11.9000 · Deferred Outflows of Resour	10,838.00
11.9400 · Def Outfl of Res-Unam Bd lss Cs	107,067.36
11.9500 · Def Outflows - Membrane Replace	182,203.13
Total Other Assets	300,108.49
TOTAL ASSETS	12,495,815.29

33

34

	Jul 1, 22
LIABILITIES & EQUITY Liabilities Current Liabilities	
Credit Cards 12.1122 · VISA	-0.97
Total Credit Cards	-0.97
Other Current Liabilities 12.1190 · Accrued Payables 12.2400 · Acrued Interest Payable	430.00 117,501.60
Total Other Current Liabilities	117,931.60
Total Current Liabilities	117,930.63
Long Term Liabilities 12.5265 · Net Pension Liability 12.5300 · Notes Payable non-current	43,666.00
12.5320 · GEFA Loan Payable 2013 12.5330 · GEFA Loan Payable 2014	88,306.90 815,771.67
Total 12.5300 · Notes Payable non-current	904,078.57
12.5660 · Series 2019 Bonds Payable 12.9000 · Deferred Inflows of Resources	10,805,000.00
12.9300 · Deferd Inflows of Resrs-Pension	17,586.00
Total 12.9000 · Deferred Inflows of Resou	17,586.00
12.9310 · Def Inflows of Res-S19 Bd Prem	1,591,348.23
Total Long Term Liabilities	13,361,678.80
Total Liabilities	13,479,609.43
Equity 13.2400 · Contributed Capital-USDA 13.3700 · Retained Earnings 13.3790 · Prior Period Adjustment	1,907,000.00 -2,937,156.22 13,956.25

Jul 1, 22
-46,757.57
-114,216.00
-5,771.51
199,150. <b>91</b>
-983,794.14
12,495,815.29

1:22 AM 07/02/22 Accrual Basis

### Sinclair Water Authority Profit & Loss Budget Performance 2020

January through June 2022

	Jan - Jun 22	Budget	% of Budget	Jan - Jun 22	YTD Budget	% of Budget	Annual Bud
Ordinary Income/Expense							
Income							
34.4200 · Water sales						100.001	1 000 005 00
34.4210 · Water sales - Baldwin	601,532.64	601,532.64	100.0%	601,532.64	601,532.64	100.0%	1,203,065.00
34.4220 · Water sales - Putnam	492,163.08	492,163.08	100.0%	492,163.08	492,163.08	100.0%	984,326.00
Total 34.4200 · Water sales	1,093,695.72	1,093,695.72	100.0%	1,093,695.72	1,093,695.72	100.0%	2,187,391.00
36.1000 · Interest Earned	4.027.78	4,000.02	100.7%	4.027.78	4,000.02	100.7%	8,000.00
38.9000 · Other Income	502,257.88	44,563.00	1,127.1%	502,257.88	44,563.00	1,127.1%	44,563.00
Total Income	1,599,981.38	1,142,258.74	140.1%	1,599,981.38	1,142,258.74	140.1%	2,239,954.00
Gross Profit	1,599,981.38	1,142,258.74	140.1%	1,599,981.38	1,142,258.74	140.1%	2,239,954.00
Expense 51 · Pers Serv & Benefits 51.2000 · Employee Benefits 51.2100 · Group Health Insurance 51.2120 · BCBS-Dental	0.00 392.25			0.00 392.25			
51.2130 · BCBS-Vision	29.82			29.82			
51.2460 · Pension Plan	6,408.00	3,000.00	213.6%	6,408.00	3,000.00	213.6%	6,000.00
51.2700 · Workers' Compensation	-344.00	•		-344.00			•
51.2900 Group Life Insurance	205.39			205.39			
Total 51.2000 · Employee Benefits	6,691.46	3,000.00	223.0%	6,691.46	3,000.00	223.0%	6,000.00
Total 51 · Pers Serv & Benefits	6,691.46	3,000.00	223.0%	6,691.46	3,000.00	223.0%	6,000.00
52 · Services 52.1000 · Professional & technical 52.1200 · Professional services							
52.1210 · Legal Fees	381.50	500.04	76.3%	381.50	500.04	76.3%	1,000.00
52.1220 · Accounting Services	2,400.00	11,250.00	21.3%	2,400.00	11,250.00	21.3%	22,500.00
52.1230 · Operations Management	608,694.94	521,738.52	116.7%	608,694.94	521,738.52	116.7%	1,043,477.00
Total 52.1200 · Professional services	611,476.44	533,488.56	114.6%	611,476.44	533,488.56	114.6%	1,066,977.00

1:22 AM 07/02/22 Accrual Basis

#### Sinclair Water Authority **Profit & Loss Budget Performance 2020** January through June 2022

	Jan - Jun 22	Budget	% of Budget	Jan - Jun 22	YTD Budget	% of Budget	Annual Bud
52.1300 · Technical services 52.1320 · Computer Services 52.1330 · Laboratory Testing 52.1340 · Payroll Processing	1,355.91 0.00 0.00	3,189.00	42.5%	1,355.91 0.00 0.00	3,189.00	42.5%	6,378.00
Total 52.1300 · Technical services	1,355.91	3,189.00	42.5%	1,355.91	3,189.00	42.5%	6,378.00
Total 52.1000 · Professional & technical	612,832.35	536,677.56	114.2%	612,832.35	536,677.56	114.2%	1,073,355.00
52.2000 · Property services 52.2210 · Building Maintenance 52.2700 · Membrane Maintenance Services	0.00 19,278.00	19,278.00	100.0%	0.00 19,278.00	19,278.00	100.0%	19,278.00
Total 52.2000 · Property services	19,278.00	19,278.00	100.0%	19,278.00	19,278.00	100.0%	19,278.00
52.3000 · Other services 52.3100 · Insurance Expense 52.3200 · Telephone (communications) 52.3300 · Advertising 52.3850 · Contract Labor	17,044.00 2,089.66 0.00 1,575.00	14,000.04 2,000.04 360.00 3,500.04	121.7% 104.5% 0.0% 45.0%	17,044.00 2,089.66 0.00 1,575.00	14,000.04 2,000.04 360.00 3,500.04	121.7% 104.5% 0.0% 45.0%	28,000.00 4,000.00 720.00 7,000.00
Total 52.3000 · Other services	20,708.66	19,860.12	104.3%	20,708.66	19,860.12	104.3%	39,720.00
Total 52 · Services	652,819.01	575,815.68	113.4%	652,819.01	575,815.68	113.4%	1,132,353.00
53 · Supplies 53.1200 · Utilities / Energy 53.1220 · Raw Water Withdrawal	92,051.23 0.00	82,500.00 26,500.02	111.6% 0.0%	92,051.23 0.00	82,500.00 26,500.02	111.6% 0.0%	165,000.00 53,000.00
Total 53 · Supplies	92,051.23	109,000.02	84.5%	92,051.23	109,000.02	84.5%	218,000.00
Total Expense	751,561.70	687,815.70	109.3%	751,561.70	687,815.70	109.3%	1,356,353.00
Net Ordinary Income	848,419.68	454,443.04	186.7%	848,419.68	454,443.04	186.7%	883,601.00
Other Income/Expense Other Expense 56 · Depreciation & amortization	0.05	10/ 200 20					
56.1500 · Membrane Replacement Contract	0.00	121,500.00	0.0%	0.00	121,500.00	0.0%	121,500.00
Total 56 · Depreciation & amortization	0.00	121,500.00	0.0%	0.00	121,500.00	0.0%	121,500.00

1:22 AM

#### 07/02/22 Accrual Basis

Sinclair Water Authority Profit & Loss Budget Performance 2020

January through June 2022

	Jan - Jun 22	Budget	% of Budget	Jan - Jun 22	YTD Budget	% of Budget	Annual Bud
58 · Debt service							
58.1330 · GEFA Loan #1 Principal	0.00	3,250.02	0.0%	0.00	3,250.02	0.0%	6,500.00
58.1340 GEFA Loan #2 Principal	0.00	23,175.00	0.0%	0.00	23,175.00	0.0%	46,350.00
58.1350 · Series 2019 Principal	225,000.00	112,500.00	200.0%	225,000.00	112,500.00	200.0%	225,000.00
58.2310 · GEFA Loan #1 Interest Expense	960.29	905.04	106.1%	960.29	905.04	106.1%	1,810.00
58.2320 · GEFA Loan #2 Interest Expense	9,575.86	9,200.04	104.1%	9,575.86	9,200.04	104.1%	18,400.00
58.2350 · Series 2019 Interest	231,450.00	231,450.00	100.0%	231,450.00	231,450.00	100.0%	462,900.00
58.3000 · Fiscal Agent Fees	0.00	1,075.02	0.0%	0.00	1,075.02	0.0%	2,150.00
Total 58 · Debt service	466,986.15	381,555.12	122.4%	466,986.15	381,555.12	122.4%	763,110.00
Total Other Expense	466,986.15	503,055.12	92.8%	466,986.15	503,055.12	92.8%	884,610.00
Net Other Income	-466,986.15	-503,055.12	92.8%	-466,986.15	-503,055.12	92.8%	-884,610.00
Net Income	381,433.53	-48,612.08	-784.6%	381,433.53	-48,612.08	-784.6%	-1,009.00

#### **Capital Project Fund Balance**

Date		Deposits	W/D Amounts		Memo		Fund Balance (See Balance Sheet)	Notes:	
FY2021			Sec. 2		USDA CD Reserve	5	268,128.8		
					USDA Reserve	\$	160,957.5		
12/31/2021					Beginning Balance	\$	429,086.3		
1/31/2021	5				Monthly Interest Reserve	\$	429,258.7	7	
2/28/2021	\$	155.87			Monthly Interest Reserve	\$		1	
3/2/2021			\$ 47,2	13.00	Transfer to Operating FY21 Budget*	\$		1	
3/31/2021	-				Monthly Interest Reserve	\$			
4/30/2021		3,236.88			CD Reserve Interest	\$	-		
4/30/2021	\$	118.36			Monthly Interest Reserve	\$	385,679.0		
5/19/2021			\$ 4,9	85.97	Turbidimeter*	\$	380,693.00		
					Electricity for shed	\$	380,693.08		
5/31/2021	\$	122.43			Monthly Interest Reserve	\$	380,815.51		
6/30/2021	\$	117.57			Monthly Interest Reserve	\$	380,933.08	1	
7/20/2021			\$ 2,8	20.03	CIP-Chemical Room Upgrade*	\$	378,113.05	\$5000 CIP Approved by Board 7/12/21 Transferred to Operating on 7/21/202	
7/31/2021	\$	116.27			Monthly Interest Reserve	\$	378,229.32		
8/31/2021	\$	114.45			Monthly Interest Reserve	\$	378,343.77		
9/3/2021			\$ 2,0	6.75	CIP-Chemical Room Upgrade*	\$	376,327.02	\$2500 Additional CIP approved by Boar 9/13/21	
9/30/2021			\$ 51	3.61	CIP-Chemical Room Upgrade*	\$	375,813.41		
9/30/2021			\$ 4	6.96	CIP-Chemical Room Upgrade*	\$	375,766.45		
9/31/2021	\$	29.32			Monthly Interest Reserve	s	375,795.77		
10/4/2021			\$ 7,78	1.59	Capital Equip-Polaris Ranger*	s	368,014.18	Approved by Board on 9.13.21	
10/31/2021	s	31.06	• • • • •		Monthly Interest Reserve	s	368,045.24		
	s				Monthly Interest Reserve	s	368,073.20		
11/30/2021	ş	27.90					-		
				4.27	CIP-Chemical Room Upgrade*	\$	366,758.93		
			\$ 4,48	0.00	Turbidimeter*	\$	362,278.93	Approved by Chair 11 29.21	
12/31/2021					Monthly Interest Reserve	\$	362,278.93		
			\$ 2,05	0.00	Palintest*	\$	360,228.93	Board approved 12.6.21	
12/31/2021	\$	28.52			Monthly Interest Reserve	\$	360,257.45		
FY2022									
1/11/2022	\$	5,000.00			Close out of Payroll Account	\$	365,257.45	Board approved 1.10.2022	
1/31/2022	s	27.43			Monthly Interest Reserve	\$	365,284.88		
2/28/2022	s	25.22			Monthly Interest Reserve	s	365,310.10		
3/31/2022	s	27.93			Monthly Interest Reserve	s	365,338.03		
	s	3,275.95			CD Reserve Interest	s	368,613.98		
4/26/2022						s	368,641.01		
4/30/2022	s	27.03			Monthly Interest Reserve				
5/3/2022	\$	28.97			CD Closing Interest	\$	368,669.98	CD Closed/Rolled to Money Market	
5/10/2022	\$	250,000.00			Putnam County ARPA Funds	\$	618,669.98	ARPA Fund	
5/31/2022	\$	154.66			Monthly Interest Reserve	\$	618,824.64		
5/28/2022	\$	250,000.00			Baldwin County ARPA Funds	\$	868,824.64	Board approved on 5.9.2022; To be paid by ES	
5/28/2022			\$ 9,625	.00	Hydrocal-Streaming Current Monitor	\$	868,824.64	and reimbursed at Year End interest has not been added to Balance Sheet	
/30/2022	\$	178.02			Monthly Interest Reserve	\$	869,002.66	Lorraine will adjust with recon	
				18		5	869,002.66		

Capital Expenditu	ires pd by ESG	
6/28/2022	Hydrocal	\$ 9,625.00
foal due to ESG at	Year End	\$ 9,625.00

Capital Budget (Created 2021)	
Cash Available for Capital Projects:	
Certificate of Deposit	\$ 264,921.91
(Unused reserves after bond refunding)	
Money Market Account	\$ 110,078.09
(Unused reserves after bond refunding)	
Capital Project Expenditure Beginning Balance	\$ 375,000.00