



SWA

Sinclair Water Authority

126 Cay Drive Milledgeville, GA 31061

Andrew Paracca Plant Manager

Phone (706) 485-8993 Fax (706) 485-8994

### **Agenda**

**Monday, July 12, 2021 ♦ 5:00 PM**

*Sinclair Water Plant*

#### **Opening**

1. Call to Order
2. Public Participation

#### **Minutes**

- [3.](#) Approval of Minutes - May 10, 2021 Regular Meeting

#### **Reports I**

- [4.](#) Manager's Report

#### **Old Business**

- [5.](#) Sludge Management - Motion for pre-approval amount
- [6.](#) Cyber Security - Update and Quote for Managed Services by Need A Nerd - Motion to accept

#### **New Business**

- [7.](#) Budget FY22 - Appoint Budget Committee and Approve Proposed Budget Calendar
- [8.](#) CIP Room System Repairs - Motion to approve \$5000 from Capital Funds

#### **Reports II**

- [9.](#) Plant Production Reports
- [10.](#) Financial Reports

#### **Closing**

11. Next Meeting - September 13, 2021
12. Adjournment

**File Attachments for Item:**

3. Approval of Minutes - May 10, 2021 Regular Meeting



SWA

Sinclair Water Authority

126 Cay Drive Milledgeville, GA 31061

Andrew Paracca Plant Manager

Phone (706) 485-8993 Fax (706) 485-8994

**Minutes**

**Monday, May 10, 2021 ♦ 5:00 PM**

Sinclair Water Plant

The Sinclair Water Authority met on Monday, May 10, 2021 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 David Waddell

Member Billy Webster

*STAFF PRESENT*

Plant Manager Andrew Paracca

Clerk Lynn Butterworth

**Opening**

1. Call to Order

Chairman Brown called the meeting to order at approximately 4:57 p.m.

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

2. Public Participation

None

**Minutes**

3. Approval of Minutes - March 8, 2021 Regular Meeting

**Motion to approve the March 8, 2021 Regular Meeting Minutes.**

**Motion made by Member Jefferson, Seconded by Member Webster.**

**Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Waddell, Member Webster**

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**Reports I**

4. Manager's Report

Plant Manager Paracca reported the following:

- Update on Government Accounting
  - Not getting much help from Linda anymore
  - Members Jefferson and Waddell plan to meet with Linda and Chris on Thursday and can address at that time
- Update on Cyber Security
  - Currently not covered
  - Chris is waiting for return email from ACCG about adding it
  - Member Hall volunteered to check with Milledgeville to see if they could provide water for both counties in case of cyber attack and ransom that could not be paid
- Update on Membrane performance
- Update on Repairs
- Update on Compressors
- Update on Sanitary Survey from March 17, 2021
- Chlorine solution leak report number 96036
  - Thought to be coming from lagoon
  - Two possible solutions: fix valves or chemical injection
  - Have until the end of the year to fix - will bring more info to next meeting
- Update for Palin test kits discontinuation
- Update on NPDES Permit and testing procedures
  - Sample missing which may result in a violation

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

**Old Business**

5. Approval to Discard Surplus Inventory

**Motion to approve surplus inventory item list as presented and dispose of as noted.**

**Motion made by Member Jefferson, Seconded by Member Waddell.**

**Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Waddell, Member Webster**

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

Chairman Webster asked why the board needed to vote on this because at the last meeting it was approved for him and Chairman Brown to approve disposal. Plant Manager Paracca advised that he misunderstood. He was also reminded that a disposal procedure is still needed.

6. Discussion and possible action on Sludge Management

Received quote for \$21,800 for clearing only which the board thought was a little high for five acres; suggested getting additional quotes. Also suggested contacting EPA or EPD for direction and advised that a land disturbance permit would be needed from the county. It was advised to contact GroTech in Eatonton and Scotts in Butts County to see if they could use the sludge. No action was taken.

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

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**New Business**

7. Discussion and possible action on Turbidimeters

Plant Manager Paracca advised that at least one Turbidimeter was needed, and he would prefer two to have an extra on hand.

**Motion to purchase one Turbidimeter.**

**Motion made by Member Waddell, Seconded by Member Webster.**

**Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Waddell, Member Webster**

**Motion to not exceed \$5000 on the Turbidimeter purchase.**

**Motion made by Member Webster, Seconded by Member Jefferson.**

**Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Waddell, Member Webster**

8. Discussion and possible action on Electrical

Three quotes were received to have power run from the internal breakers to the tractor shed and storage building to provide climate-controlled storage for various high-priced items that are degrading over time in the current humid uncontrolled environment. The low bidder, Crawford Electric (\$5,170.00) was recommended. All of the quotes were from March and the board was concerned about the age of the quotes with the way prices are currently increasing.

**Motion to approve the work with lowest bidder, Crawford Electric, not to exceed \$5,500.**

**Motion made by Member Jefferson, Seconded by Member Webster.**

**Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Waddell, Member Webster**

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

**Reports II**

9. Plant Product Reports

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

10. Financial Reports

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

**Closing**

11. Next Meeting - July 12, 2021

The next meeting is scheduled for July 12, 2021 at 5:00 p.m.

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12. Adjournment

**Motion to adjourn the meeting.**

**Motion made by Member Jefferson, Seconded by Member Webster.**

**Voting Yea: Chairman Brown, Member Hall, Member Jefferson, Member Waddell,  
Member Webster**

Meeting adjourned at approximately 5:53 p.m.

ATTEST:

Lynn Butterworth  
Clerk

Robert Brown  
Chairman

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**File Attachments for Item:**

4. Manager's Report

## Manager's Report

- Membrane Performance remains stable
- Sanitary Survey response attached for review
  - EPD review of water system and how well it follows EPD/EPA regulations done every 3 years
- GovDeals account has been set up
  - Started with old hoist with no bids
  - Reviewing with GovDeals consultant to tweak surplus representation
  - Will start adding more items as SWA becomes more familiar with system
- SCI-62 Algaecide summer application has been started (May 21<sup>st</sup>, 2021) monthly with GA Power's permission for algae control at Raw Water Intake
- Damaged asphalt behind Clean in Place Chemical room has been repaired
  - Cause of issue (chemical containment access point located in soft asphalt in high traffic, heavy load area) has been moved/relocated
- Sludge removal process plan till end of year
  - Brewer has been scheduled for removing dried Alum Sludge off site, started July 7<sup>th</sup>, 2021
  - Final Long Reach Excavator rental for the year has been scheduled for this week
  - Plans to have Sludge Lagoon #1 cleaned out and put back into production by end of week
  - Sludge Lagoon #2 will be taken out of service for sludge drying once Lagoon #1 is put back into service
- Maintenance Program
  - Reviewed maintenance program and procedures with Brice Doolittle from ESG
    - Discussed vibration analysis
    - Infrared imaging
    - Additional minor additions to asset preventative maintenance
  - Reviewed current software and found it adequate for our needs, but have decided more focus needs to be devoted towards getting PMs up to date and adding more asset information, more detailed recurring work orders, and associated repair items
  - During this updating process, more repair kits and back up parts will need to be ordered and inventoried for continual operation and upkeep of all assets



- Update on NPDES Permit and testing procedures
  - Total Chlorine 0.011 ppm test limit (only reporting for 1-year, effective limit by January 2022)
  - Found issues with Clean in Place leaking by some total chlorine, in process of eliminating issue
    - Replaced leaking chlorine valve
    - Requesting Suez to optimized Clean in Place neutralization sequence
    - Operators treating CIP solution for total chlorine instead of previously only testing free chlorine
  - Found Total Chlorine in SED basin drains (0.15ppm at the time of testing)
    - Set up trial run of Sodium Bisulfite injection using small size chemical pump
    - Awaiting consistent results
  - Total Chlorine elimination system possibly still needed, but if low enough demand is needed, SWA personnel will be able to design system for lower costs while still following EDA/EPD regulations



SWA

Sinclair Water Authority

126 Cay Drive Milledgeville, GA 31061

Andrew Paracca, Plant Manager

Phone (706) 485-8993 Fax (706) 485-8994

Hello Sarah,

Please find Sinclair Water Authority’s response to our 2021 Sanitary Survey below in red.

**Minor Deficiencies:**

- 1. The vegetation in the flocculation basin should be removed. [Rule 391-3-8.14(12); O&M Plan, B-91]
  - a. **Vegetation in flocculation basin has been removed**
- 2. Always protect valves with covers. [Rule 391-3-5-.04(8)]
  - a. **Valve covers has been replaced; one cover needs to be modified to fit over jammed key extension. Finished no later than end of year.**
- 3. Screen drainpipes in pipe gallery with 24 mesh. [Min. Stds. 5.3.4.7.1(d)]
  - a. **Drainpipes have been covered**
- 4. Screen air release valves on HSPs with 24 mesh. [Min. Stds. 5.3.4.7.1(d)]
  - a. **Air release valves have been covered**
- 5. Underground vaults stay should stay dry to better protect water lines. [Min. Stds. 12.3(d)]
  - a. **Reviewed each vault, found no signs of excess moisture, except during excessive precipitation or condensation**
  - b. **Any additional information on this issue would be appreciated**

**Recommendations**

**Source:**

- 1. It is recommended that the “Emergency Spill Response Plan” be updated. [Rule 391-3-5-.14(12); O & M Plan, B-172]
  - a. **Emergency Spill Response Plan is being updated, to be completed no later than end of year**
  - b. **New section covering carbon dosing during Lake Oil Spill will be added no later than July 2021**

**Raw Water Pump Station:**

- 2. It is recommended that the raw water pump lines be painted to avoid further corrosion.
  - a. **Necessary steps to prep raw water pump lines is being researched**
  - b. **Once proper plan is in place and timing/purchasing is scheduled, SWA plans to repaint piping starting next fiscal year, to be finished no later than end of 2022.**
- 3. It is recommended that the fire extinguisher be secured on the wall.
  - a. **Existing fire extinguisher already mounted, removed extra that was on floor**
- 4. It is recommended that the empty chemical totes be removed from the site.
  - a. **Excessive empty totes have been removed**
  - b. **New procedure established for managing excess empty totes at raw water intake**

**Treatment:**

- 5. It is recommended that the firehose on the sedimentation basin be coiled up to avoid potential safety hazards.
  - a. **Hose storage has been put in place using half 55-gallon barrels to store hose**
- 6. It is recommended that the insect nest near the stream monitoring current be removed from the hose.
  - a. **Insect nests have been cleared off**

7. It is recommended that all water pipes located inside underground vaults be painted to avoid further corrosion.
  - a. Once proper plan is in place and timing/purchasing is scheduled, SWA plans to repaint piping starting next fiscal year, to be finished no later than end of 2022. (Same as raw water pump station pipe painting plan)
8. During the survey, it was noted that the paint on the roof above the filters were badly peeling. This issue should be addressed to avoid any further contamination of the filters.
  - a. We are in the process of designing slide covers for tops of each filter. If budget will allow, project will be completed no later than end of year
  - b. If budget will not allow, project will be completed during next fiscal year
9. It is recommended that the Sodium Hydroxide buildup from the chemical hose be removed.
  - a. Plans are in place to replace all CIP injection lines. Will start with Sodium Hydroxide once project has started
  - b. Plans to start project at the beginning of October, after new air manifold is installed in blower room
10. It is recommended that the empty chemical barrels be removed from the property.
  - a. Chemical Barrels are being cleared out, future barrel accumulation has been severely reduced due to receiving phosphate in tote and lowering muriatic acid use
11. It is recommended that the unused parts and equipment be removed from the property.
  - a. Scrap metal bins and accumulated scrap parts will be taken to scrap yard ASAP, no later than this fall
12. It is recommended that a generator be located at the plant in case of power outage. [Min. Stds. 4.1.3]
  - a. Working through GEFA to acquire generator. Waiting on the review process to finish.

**Clearwell:**

13. It is recommended that the clear well be inspected. [O&M Plan, B-136&137]
  - a. Scheduling clear well inspection for next fiscal year (2022), which will be the fifth year since last inspection

**Water System Management/Operations:**

14. It is recommended that the O&M Plan be updated. [Rule 391-3-5-.14(12)]
  - a. O&M will be an ongoing project for updating, to be continually updated throughout each year
15. It is recommended that the system's SOPs and SMPs be updated. [Rule 391-3-5-.14(12); O&M, B-24&29-30]
  - a. SOPs and SMPs will be an ongoing project for updating, to be continually updated throughout each year
16. The system's schematic should be updated to identify all components of the water treatment process. [O & M Plan, B-22]
  - a. Schematic has been updated and provided
17. The current "Surface Water Withdrawal" Permit should be posted at the plant.
  - a. Issue has been remedied.

**File Attachments for Item:**

5. Sludge Management - Motion for pre-approval amount

## Old Business

- Update on Sludge Management
  - Reached out to Cedar Chem to reevaluate coagulant
    - Results attached
    - More testing required but promising results to lower coagulant feed, therefore lowering sludge generation
  - Reached out to Dan Domanski, provided by Tommy Jefferson, who sent a list of consultants for forestry specific issues
    - Three recommended consultants, none in our district.
    - Reached out with no responses
    - Too low of acreage
  - Permitting requires professional planning
    - Request to have Carter and Sloope involved
      - Currently working on an estimate for handling permitting, designing, planning, and zoning involved with clearing ~5 acres for drying area-  
**MOTION** for pre-approval amount
  - Prices for clearing
    - In house clearing has the cost of
      - \$3200.00 per week for bulldozer
      - \$1500.00 one-way delivery fee
    - Eubanks Landco/Roberts Land Management - \$21,800.00 for clearing only
    - Big Boy Toys has been unresponsive
  - Reached out to:
    - Pennington, awaiting response
    - Grotech, awaiting response

July 1, 2021

Sinclair Water Authority  
Attn: Mr. Andrew Paracca  
126 Cay Dr.  
Milledgeville, GA 31061

**Re: CedarCLEAR<sup>®</sup> Jar Testing**

Andrew,

Thank you for allowing us to conduct coagulant jar testing today. We are investigating alternate coagulants in order to reduce sludge generation at your facility. By finding a more efficient coagulant, we can lower feed rates and reduce sludge generation from the coagulation process. We have attached a brief summary of our bench-scale testing in the table below.

**Table 1 –Jar Testing 7/1/21**

Raw Turbidity (NTU): 3.56  
Raw Alkalinity: 20

Settle Turbidity (NTU): 0.22  
Raw pH: 6.69

Primary Coagulant	Coagulant (Liquid PPM)	Settled Turbidity (NTU)
Aluminum Sulfate	31	0.54
CedarCLEAR <sup>®</sup> 1727	20	0.35
CedarCLEAR <sup>®</sup> 1727	15	0.83
CedarCLEAR <sup>®</sup> 1727 X7	15	0.64

As you can see in the table above, our CedarCLEAR<sup>®</sup> coagulants provide equal settled turbidities and nearly half the feed rates. This reduction in feed rates reduce the amount of inorganic material that would increase sludge at the plant.

We would like to return in a few weeks to get more data on these products, including TOC numbers. At this testing, we will run curves on these CedarCLEAR<sup>®</sup> coagulants and evaluate TOC and turbidities.

Thank you again for your time and consideration. If you have any questions, please feel free to contact me directly.

Sincerely,

Zac Fagan  
Sales Manager  
(828) 582-7639

**File Attachments for Item:**

6. Cyber Security - Update and Quote for Managed Services by Need A Nerd - Motion to accept

## Old Business

- Update on Cyber Security
  - Awaiting Suez and M.R. systems response to insurance questionnaire associated with each entity's network vulnerability
  - Received quote from Need a Nerd for internal network – **Motion** to accept attached quote





# NEED A NERD

110 N. WAYNE STREET  
MILLEDGEVILLE GA 31061  
(478) 295-0908  
WWW.NEEDANERD.COM  
MARK@NEEDANERD.COM

Re: Service and maintenance contract for office use network and computers.  
**Does not include plant operation computers and network - SCADA computers and MR Systems network.**

The pricing structures for the requested managed services are as follows:

### I.T. Managed Service Contract – 1 Year

#### Needed Equipment Upgrades (one time cost)

- Managed Firewall with IDS and IPS capabilities (intrusion detection/protection) - \$450
- Managed gigabit Switch - 24 Port - \$400
- Battery backup and Surge Protection Equipment (if not already onsite) \$200

#### Full Stack Maintenance and Monitoring \$99 per month

We install and manage the following equipment:

- Commercial Gigabit Firewall/Router with intrusion prevention system (IPS and IDS)
- Commercial Gigabit Network Switch(s)
- Wi-Fi Access Point(s)
- All network related outages, issues, or troubleshooting are completely covered

#### Complete Workstation Management Package \$25 per month per workstation

- Managed Operating system and software updates
- Managed Anti-Virus protection
- Managed Web Protection (block or warn malicious or known phishing sites)
- Managed File and Folder Scheduled Cloud Backups

CONFIDENTIALITY NOTICE - Customer acknowledges by its receipt and use of this proposal that it is confidential and proprietary information of Need A Nerd. Customer may use this document for the purpose of evaluating Need A Nerd's proposal and for no other purpose. Please ensure that this proposal is not disclosed to any persons other than your employees with a bona fide need to know.



# NEED A NERD

110 N. WAYNE STREET  
MILLEDGEVILLE GA 31061  
(478) 295-0908  
WWW.NEEDANERD.COM  
MARK@NEEDANERD.COM

## I.T. Managed Services Explained

**Full Stack Maintenance and Monitoring:** Need a Nerd will provide and install a compliant commercial grade wireless and wired network infrastructure. The equipment listed on the previous page allows us to remotely manage and troubleshoot your office I.T. infrastructure. Any issues pertaining to network related connectivity is remedied either remotely or on-site at no additional costs. A 1-year contract is required to take advantage of the monthly "full Stack Maintenance and Monitoring" service.

**Complete Workstation Management Package:** This service offers the best value to our customers and ensures that each workstation is managed and protected 24/7. All problems, with the exception of hardware failure, are covered under this package. 1-year contract required.

- \* The information in this proposal is specifically for the owners and management of Sinclair Water Authority
- \*\* Prices are subject to change depending on vendor rate changes and unforeseen variables
- \*\*\* Yearly support contract is subject to changes in price at renewal due to property changes, inflation, etc.

CONFIDENTIALITY NOTICE - Customer acknowledges by its receipt and use of this proposal that it is confidential and proprietary information of Need A Nerd. Customer may use this document for the purpose of evaluating Need A Nerd's proposal and for no other purpose. Please ensure that this proposal is not disclosed to any persons other than your employees with a bona fide need to know.

**File Attachments for Item:**

7. Budget FY22 - Appoint Budget Committee and Approve Proposed Budget Calendar

## New Business

- Budget FY22 – **Appoint** Budget Committee and **Approve** Budget Meeting Calendar – See attached calendar

## 2022 Budget Calendar

- Approval of Calendar and Appointed Committee  
Due: **July 12**
- Committee Meeting  
On: **August 9, August 23, and if needed on September 13 (@ 4:00, prior to scheduled Board Meeting) & September 27 if needed**
- Projected Usage from Counties  
Due: **October 1**
- Proposed Budget emailed to SWA Board for Review  
Due: **October 11**  
**(questions/concerns due by Oct. 22)**
- Final Budget Presented to Board  
Due: **November 9 Board Meeting**
- Send Approved Budget to Counties  
Due: **December 1**

**File Attachments for Item:**

8. CIP Room System Repairs - Motion to approve \$5000 from Capital Funds

## New Business

- Clean in Place Chemical Room Repairs
  - Chemical pump stainless steel airlines have been deteriorated by chemical vapor
    - Majority of chemical vapor corrosion is due to Muriatic Acid
      - A chemical containment for 55-gallon drums has already been purchased to relocate Muriatic Acid outside of chemical room
        - Engineer has already advised on the location viable for perforating new Muriatic Acid suction to external containment
        - Still need to purchase PVC fittings/tubing to install external Muriatic Acid setup
        - ~\$250.00-350.00 for parts
      - Airlines that power chemical pumps are corroded to the point of needing repair/replacement
        - Suggested solution:
          - Replace all airline regulators and control solenoids with updated parts
          - Build all new stainless-steel manifold (using new regulators and solenoids) to be in Blower/Compressor room which isolates all corrodible/expensive metal parts from corrosive environment of chemical room
          - From this new manifold a cheaper, chemically resistant plastic tubing can be routed into the chemical room through perforations in wall between these two rooms which will be sealed to prevent corrosion in Blower/Compressor room
          - ~\$2,500.00 in parts needed for air lines and ~\$500.00 for relocating electrical control wiring to new manifold
    - Chemical injection lines have deteriorated over time and need new lines pulled through containment pipes (containment pipes need to have elbows replaced with sweeps to streamline future repairs to chemical lines)
      - ~\$1000.00 for tubing and fittings
    - **MOTION** to have \$5,000.00 limit to be taken out of Capital Improvements to fund Clean in Place system upgrades (estimated cost ~4350.00)
      - All associated work can be completed by SWA personnel

**File Attachments for Item:**

9. Plant Production Reports



# Flows Monthly Report

Date	Time	Raw	Permeate	Lagoon	Putnam	Baldwin	Choby's	Total Dist
1-06-01	23:59:59	3,827,922	3,086,567	764,115	1,293,031	1,775,603		3,068,634
2021-06-02	23:59:59	4,386,001	3,412,616	879,420	1,032,475	1,954,259		2,986,734
2021-06-03	23:59:59	3,816,499	3,039,253	461,926	1,239,746	1,791,889		3,031,635
2021-06-04	23:59:59	3,713,744	3,130,852	466,403	1,236,139	1,773,818		3,009,957
2021-06-05	23:59:59	3,667,256	3,076,283	492,512	1,152,483	1,970,753		3,123,236
2021-06-06	23:59:59	3,891,643	3,268,002	496,120	1,162,081	1,873,408		3,035,489
2021-06-07	23:59:59	3,105,408	2,848,328	739,743	1,115,732	1,576,491		2,692,223
2021-06-08	23:59:59	3,395,246	2,846,201	482,792	1,144,587	1,804,883		2,949,470
2021-06-09	23:59:59	3,465,693	2,915,485	454,962	1,109,879	1,780,284		2,890,163
2021-06-10	23:59:59	3,527,954	2,971,059	485,162	944,659	1,577,731		2,522,390
2021-06-11	23:59:59	3,195,705	2,637,745	488,806	1,120,042	1,570,838		2,690,880
2021-06-12	23:59:59	3,195,320	2,666,532	453,713	1,115,697	1,591,124		2,706,821
2021-06-13	23:59:59	3,555,031	2,971,360	484,911	996,366	1,792,994		2,789,360
2021-06-14	23:59:59	3,471,781	2,926,150	450,956	1,067,349	1,774,263		2,841,612
2021-06-15	23:59:59	3,153,779	2,633,975	435,086	1,142,080	1,647,614		2,789,694
2021-06-16	23:59:59	3,401,366	2,838,642	452,686	1,233,717	1,601,251		2,834,968
2021-06-17	23:59:59	3,586,604	3,022,828	449,372	1,052,148	1,720,355		2,772,503
2021-06-18	23:59:59	3,486,338	2,934,367	456,983	1,201,226	1,902,484		3,103,710
2021-06-19	23:59:59	3,579,294	3,005,674	493,850	1,173,778	1,439,786		2,613,564
2021-06-20	23:59:59	2,933,557	2,442,235	479,797	926,350	1,510,998		2,437,348
2021-06-21	23:59:59	3,038,125	2,529,347	439,489	1,188,134	1,488,290		2,676,424
2021-06-22	23:59:59	3,357,160	2,811,450	478,523	964,851	1,587,225		2,552,076
2021-06-23	23:59:59	3,350,211	2,796,223	451,210	1,073,494	1,568,694		2,642,188
2021-06-24	23:59:59	3,415,772	2,871,009	468,794	1,177,120	1,815,166		2,992,286
2021-06-25	23:59:59	3,450,686	2,904,412	493,744	996,913	1,578,708		2,575,621
2021-06-26	23:59:59	3,491,056	2,938,366	480,639	1,233,429	1,836,093		3,069,522
2021-06-27	23:59:59	3,629,578	3,075,368	477,670	1,067,915	1,786,544		2,854,459
2021-06-28	23:59:59	3,476,150	2,932,609	448,103	1,021,906	1,709,481		2,731,387
2021-06-29	23:59:59	3,266,321	2,728,112	513,359	1,123,036	1,662,820		2,785,856
2021-06-30	23:59:59	3,380,452	2,853,053	472,076	1,115,983	1,646,760		2,762,743
<b>TOTAL:</b>		<b>104,211,652</b>	<b>87,114,103</b>	<b>15,092,922</b>	<b>33,422,346</b>	<b>51,110,607</b>		<b>84,532,953</b>
<b>MIN:</b>		<b>2,933,557</b>	<b>2,442,235</b>	<b>435,086</b>	<b>926,350</b>	<b>1,439,786</b>		<b>2,437,348</b>
<b>MAX:</b>		<b>4,386,001</b>	<b>3,412,616</b>	<b>879,420</b>	<b>1,293,031</b>	<b>1,970,753</b>		<b>3,123,236</b>
<b>AVG:</b>		<b>3,473,722</b>	<b>2,903,803</b>	<b>503,097</b>	<b>1,114,078</b>	<b>1,703,687</b>		<b>2,817,765</b>
<b>COUNT:</b>		<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>0</b>	<b>30</b>

## June 2021 Flows

<u>Baldwin Gallons Usage</u>		<u>Baldwin Usage Info</u>	
Baldwin Main Meter	51,110,607	Baldwin Usage	50,741,532
Average of South Putnam Meters	369,075	Baldwin June Projected Usage	72,054,000
		Baldwin Excess Usage %	-42%
		Baldwin % of Total Usage	60%
<b>BALDWIN GALLONS USED</b>	<b>50,741,532</b>	Baldwin July Projected Usage	83,371,000

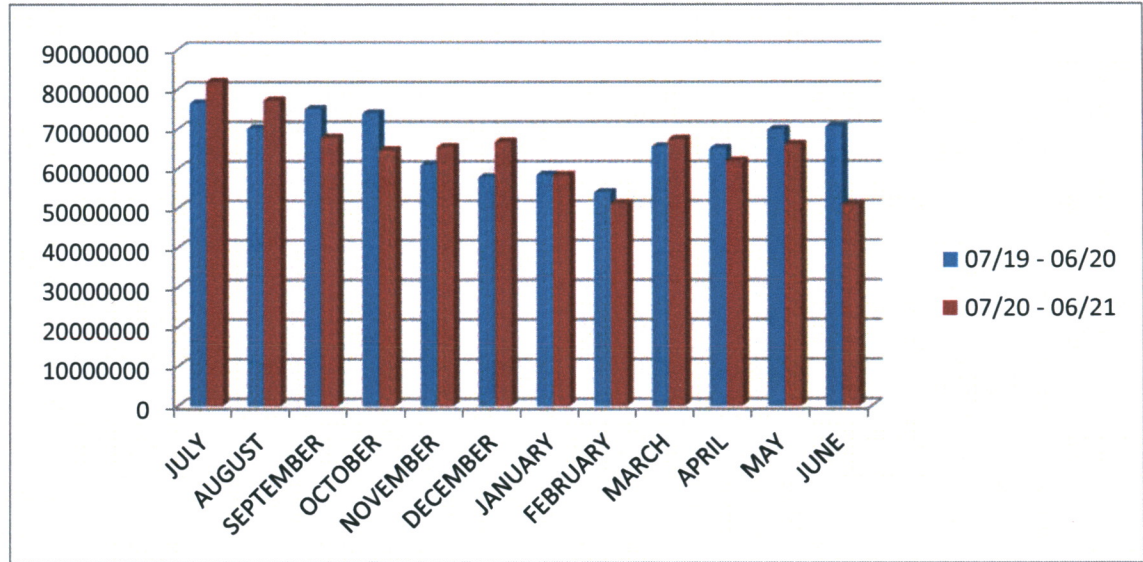
<u>Putnam Gallons Usage</u>		<u>Putnam Usage Info</u>	
Putnam Main Meter	33,422,346	Putnam Usage	33,791,421
Average of South Putnam Meters	369,075	Putnam June Projected Usage	34,601,000
		Putnam Excess Usage %	-2%
		Putnam % of Total Usage	40%
<b>PUTNAM GALLONS USED</b>	<b>33,791,421</b>	Putnam July Projected Usage	38,856,000

Main Meter comes from Month End Flows Report  
 Projected Usages come from Each County Billing Budget Sheets  
 Manually enter all in Grey  
 Delete these instructions  
 SAVE AS "MONTH/YEAR"

Total of Gallons	84,532,953
Baldwin	60%
Putnam	40%
Total of Gallons	100%

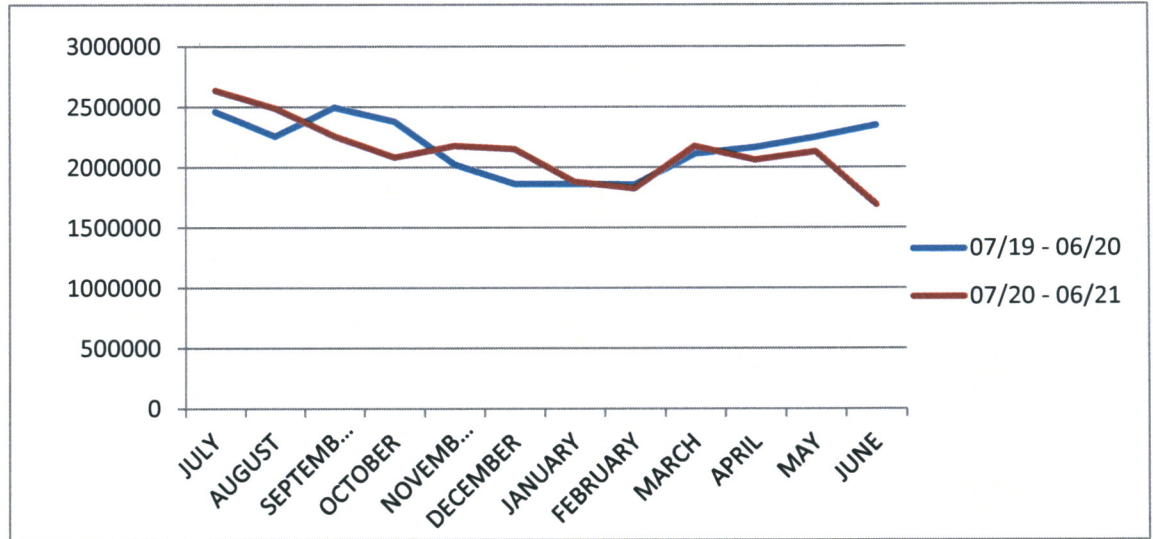
### MONTHLY BILLABLE GALLONS FOR BALDWIN COUNTY July 2019 Thru June 2021

	GALLONS 07/19 - 06/20	GALLONS 07/20 - 06/21
JULY	76455716	81858675
AUGUST	70112600	77166156
SEPTEMBER	75008158	67710920
OCTOBER	73905735	64551807
NOVEMBER	60834801	65362489
DECEMBER	57773211	66727391
JANUARY	58385430	58303452
FEBRUARY	53967113	51114067
MARCH	65541932	67401652
APRIL	65051465	61804775
MAY	69800065	66021197
JUNE	70541369	50741532



## MONTHLY FLOW RATES FOR BALDWIN COUNTY July 2019 Thru June 2021

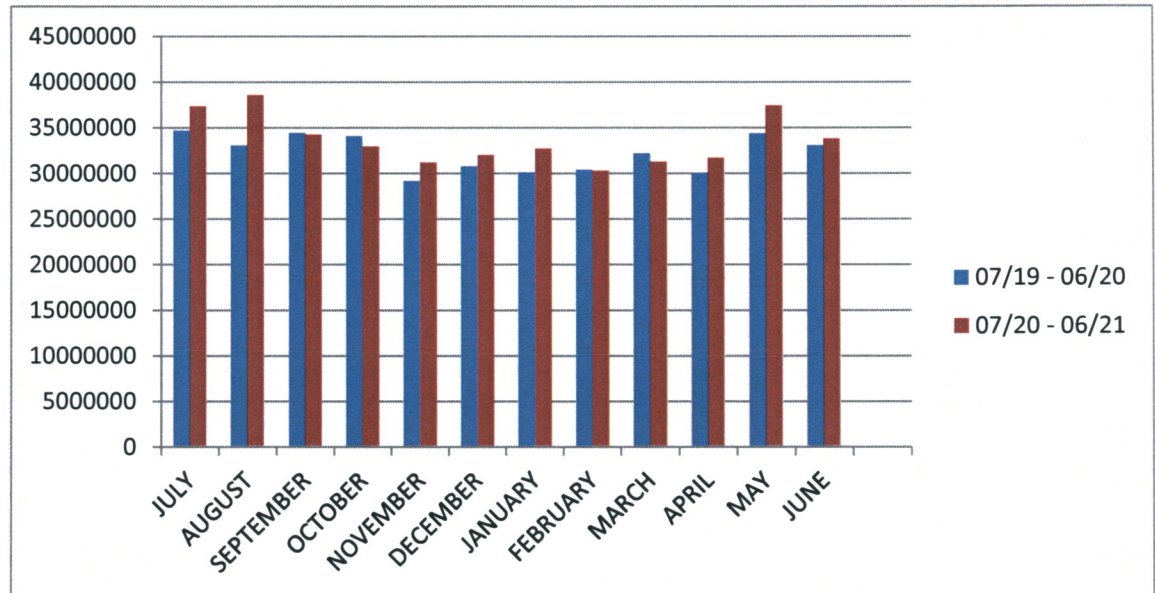
	FLOWRATES* 07/19 - 06/20	FLOWRATES* 07/20 - 06/21
JULY	2466313	2640602
AUGUST	2261696	2489230
SEPTEMBER	2500271	2257030
OCTOBER	2384055	2082316
NOVEMBER	2027826	2178749
DECEMBER	1863651	2152496
JANUARY	1864968	1880756
FEBRUARY	1860934	1825502
MARCH	2114255	2174246
APRIL	2168382	2060159
MAY	2251615	2129716
JUNE	2351378	1691384



\*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 PUTNAM COUNTY July 2019 Thru June 2021

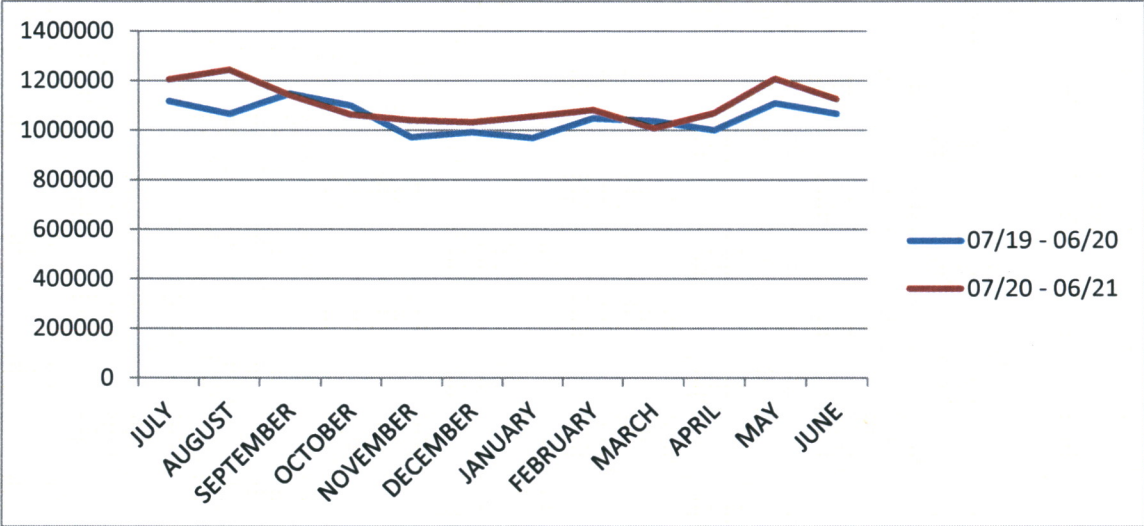
	GALLONS 07/19 - 06/20	GALLONS 07/20 - 06/21
JULY	34706334	37362638
AUGUST	33107378	38585492
SEPTEMBER	34482094	34265077
OCTOBER	34127326	32970729
NOVEMBER	29207270	31208446
DECEMBER	30826625	32012246
JANUARY	30123750	32716898
FEBRUARY	30434759	30282459
MARCH	32214416	31263234
APRIL	30061246	31695822
MAY	34404415	37416135
JUNE	33107645	33791421



### MONTHLY FLOW RATES FOR PUTNAM COUNTY

July 2019 Thru June 2021

	FLOWRATES* 07/19 - 06/20	FLOWRATES* 07/20 - 06/21
JULY	1119559	1205246
AUGUST	1067979	1244693
SEPTEMBER	1149403	1142169
OCTOBER	1100881	1063571
NOVEMBER	973575	1040281
DECEMBER	994407	1032653
JANUARY	971733	1055383
FEBRUARY	1049474	1081516
MARCH	1039174	1008491
APRIL	1002041	1068829
MAY	1109819	1206972
JUNE	1067988	1126380



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

# Flows Monthly Report

Date	Time	Raw	Permeate	Lagoon	Putnam	Baldwin	Choby's	Total Dist
2021-05-01	23:59:59	3,907,806	3,327,005	449,201	1,085,477	2,161,789		3,247,266
2021-05-02	23:59:59	4,069,852	3,473,971	452,239	1,048,994	2,352,524		3,401,518
2021-05-03	23:59:59	3,582,776	3,118,908	372,462	1,084,142	1,907,231		2,991,373
2021-05-04	23:59:59	3,379,057	2,927,299	377,775	902,319	1,975,368		2,877,687
2021-05-05	23:59:59	3,689,445	3,208,871	368,761	1,036,489	1,963,408		2,999,897
2021-05-06	23:59:59	3,459,408	3,004,192	342,137	1,002,760	2,235,397		3,238,157
2021-05-07	23:59:59	3,889,748	3,371,973	373,246	910,372	2,132,732		3,043,104
2021-05-08	23:59:59	4,044,696	3,520,161	384,103	1,162,662	2,542,014		3,704,676
2021-05-09	23:59:59	4,019,268	3,507,142	378,594	1,196,564	2,347,767		3,544,331
2021-05-10	23:59:59	4,049,492	3,549,191	360,920	931,402	2,166,314		3,097,716
2021-05-11	23:59:59	3,613,152	3,142,745	384,937	1,169,857	1,878,535		3,048,392
2021-05-12	23:59:59	3,052,677	2,637,665	332,446	921,395	1,756,536		2,677,931
2021-05-13	23:59:59	3,329,690	2,891,215	337,493	1,152,924	1,846,412		2,999,336
2021-05-14	23:59:59	4,381,746	3,787,394	440,351	1,104,022	2,252,311		3,356,333
2021-05-15	23:59:59	3,847,739	3,344,552	380,522	1,187,626	2,300,586		3,488,212
2021-05-16	23:59:59	3,875,739	3,330,912	420,020	1,076,643	2,179,639		3,256,282
2021-05-17	23:59:59	3,736,649	3,234,057	362,639	1,198,932	2,140,963		3,339,895
2021-05-18	23:59:59	3,627,027	3,135,453	354,058	1,097,473	2,013,814		3,111,287
2021-05-19	23:59:59	3,896,728	3,375,686	397,602	1,046,492	1,994,453		3,040,945
2021-05-20	23:59:59	3,722,097	3,229,045	343,312	1,309,028	2,180,222		3,489,250
2021-05-21	23:59:59	3,912,980	3,422,227	360,935	1,075,817	2,071,683		3,147,500
2021-05-22	23:59:59	4,054,319	3,533,412	384,604	1,334,638	2,322,450		3,657,088
2021-05-23	23:59:59	4,132,047	3,622,185	373,384	1,216,664	2,422,013		3,638,677
2021-05-24	23:59:59	4,211,796	3,703,994	355,307	1,241,304	2,322,181		3,563,485
2021-05-25	23:59:59	4,851,924	4,263,455	426,892	1,746,262	2,229,154		3,975,416
2021-05-26	23:59:59	3,891,078	3,411,969	350,869	1,061,524	2,399,016		3,460,540
2021-05-27	23:59:59	4,410,950	3,869,917	393,997	1,305,785	2,156,307		3,462,092
2021-05-28	23:59:59	3,894,505	3,399,406	382,276	1,324,118	2,197,269		3,521,387
2021-05-29	23:59:59	3,820,831	3,325,646	376,951	1,507,969	1,856,767		3,364,736
2021-05-30	23:59:59	3,992,552	3,467,341	396,018	1,407,901	1,903,345		3,311,246
2021-05-31	23:59:59	4,849,319	4,248,535	426,877	2,199,505	2,182,072		4,381,577

<b>TOTAL:</b>	<b>121,197,093</b>	<b>105,385,524</b>	<b>11,840,928</b>	<b>37,047,060</b>	<b>66,390,272</b>		<b>103,437,332</b>
<b>MIN:</b>	3,052,677	2,637,665	332,446	902,319	1,756,536		2,677,931
<b>MAX:</b>	4,851,924	4,263,455	452,239	2,199,505	2,542,014		4,381,577
<b>AVG:</b>	3,909,584	3,399,533	381,965	1,195,066	2,141,622		3,336,688
<b>COUNT:</b>	31	31	31	31	31	0	31

**May 2021 Flows**

**Baldwin Gallons Usage**

Baldwin Main Meter	66,390,272
Average of South Putnam Meters	369,075

**BALDWIN GALLONS USED** **66,021,197**

**Baldwin Usage Info**

Baldwin Usage	66,021,197
Baldwin <b>May</b> Projected Usage	71,313,000
Baldwin Excess Usage %	-8%
Baldwin % of Total Usage	64%
Baldwin <b>June</b> Projected Usage	72,054,000

**Putnam Gallons Usage**

Putnam Main Meter	37,047,060
Average of South Putnam Meters	369,075

**PUTNAM GALLONS USED** **37,416,135**

**Putnam Usage Info**

Putnam Usage	37,416,135
Putnam <b>May</b> Projected Usage	35,898,000
Putnam Excess Usage %	4%
Putnam % of Total Usage	36%
Putnam <b>June</b> Projected Usage	34,601,000

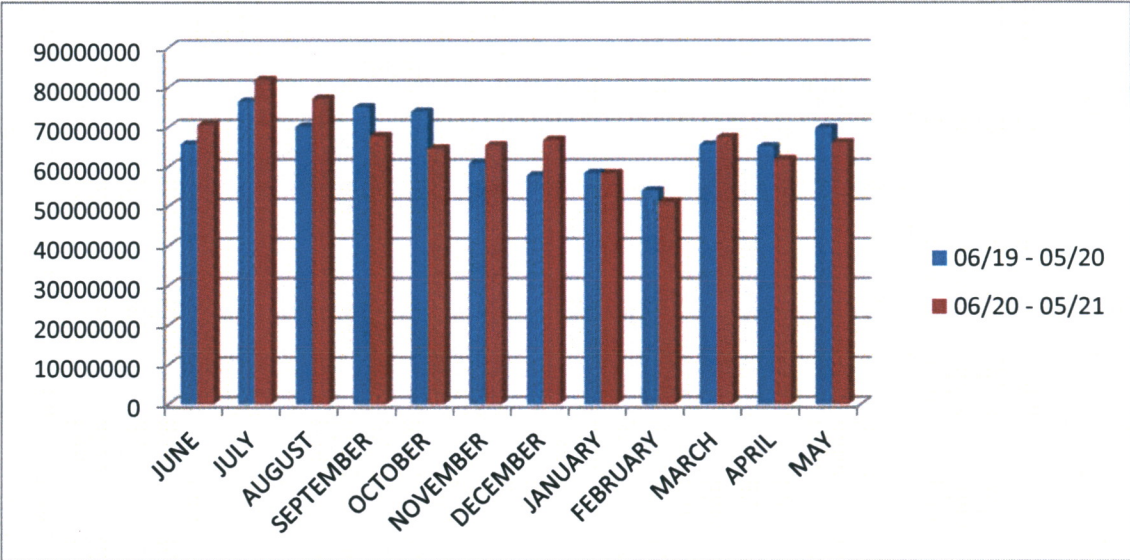
Total of Gallons	103,437,332
Baldwin	64%
Putnam	36%
Total of Gallons	100%



# MONTHLY BILLABLE GALLONS FOR BALDWIN COUNTY

June 2019 Thru May 2021

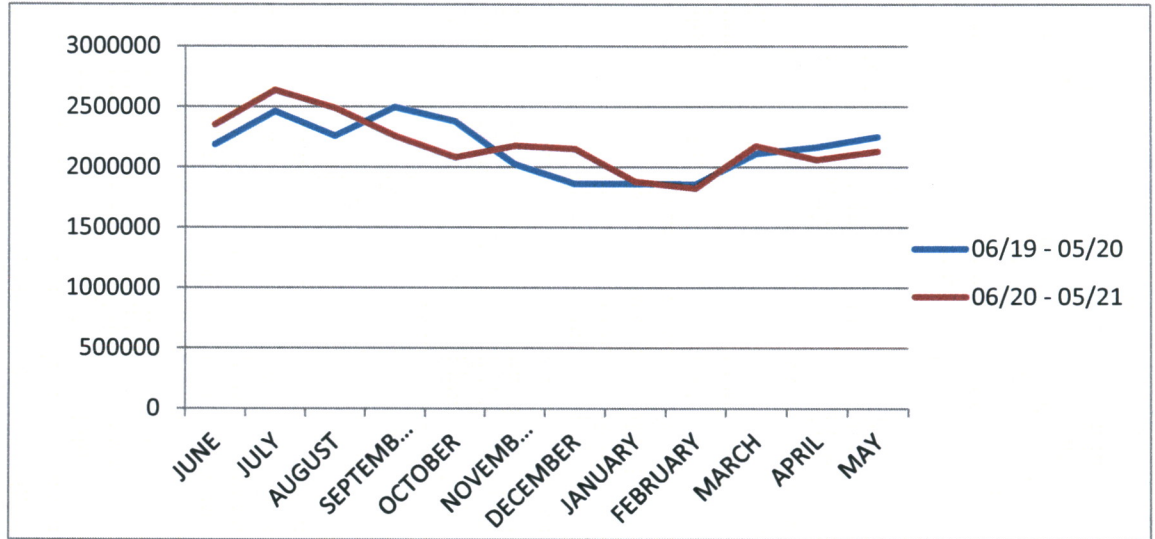
	GALLONS 06/19 - 05/20	GALLONS 06/20 - 05/21
JUNE	65651546	70541369
JULY	76455716	81858675
AUGUST	70112600	77166156
SEPTEMBER	75008158	67710920
OCTOBER	73905735	64551807
NOVEMBER	60834801	65362489
DECEMBER	57773211	66727391
JANUARY	58385430	58303452
FEBRUARY	53967113	51114067
MARCH	65541932	67401652
APRIL	65051465	61804775
MAY	69800065	66021197



## MONTHLY FLOW RATES FOR BALDWIN COUNTY

### June 2019 Thru May 2021

	FLOWRATES* 06/19 - 05/20	FLOWRATES* 06/20 - 05/21
JUNE	2188384	2351378
JULY	2466313	2640602
AUGUST	2261696	2489230
SEPTEMBER	2500271	2257030
OCTOBER	2384055	2082316
NOVEMBER	2027826	2178749
DECEMBER	1863651	2152496
JANUARY	1864968	1880756
FEBRUARY	1860934	1825502
MARCH	2114255	2174246
APRIL	2168382	2060159
MAY	2251615	2129716

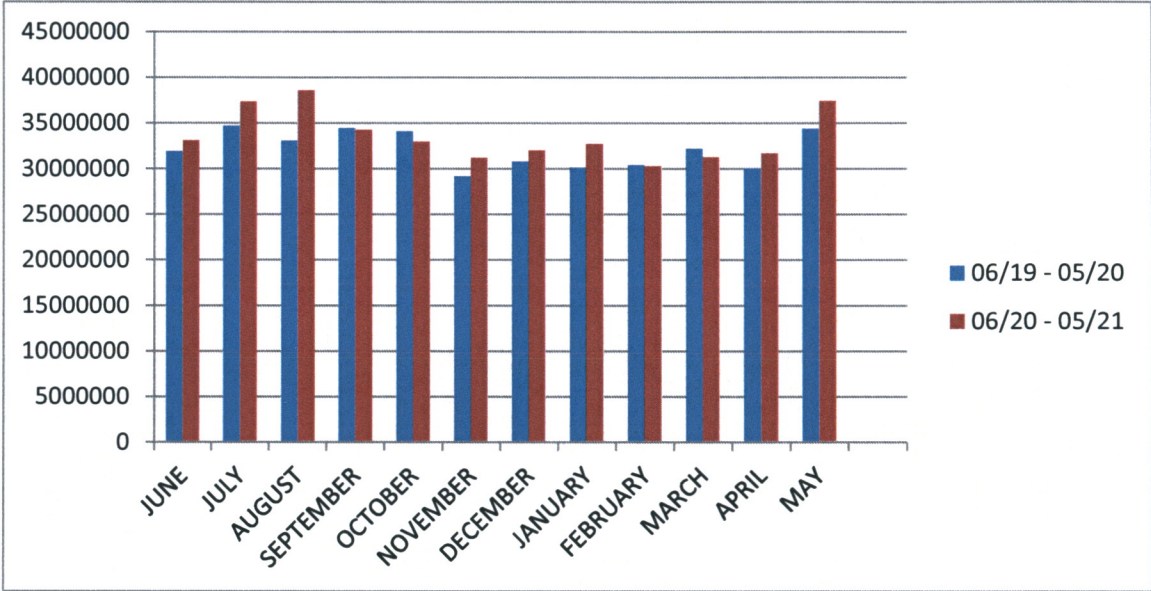


\*These figures are the average daily flow each month for Baldwin County  
 These figures are based on the billable gallons for each month

# MONTHLY BILLABLE GALLONS FOR PUTNAM COUNTY

## June 2019 Thru May 2021

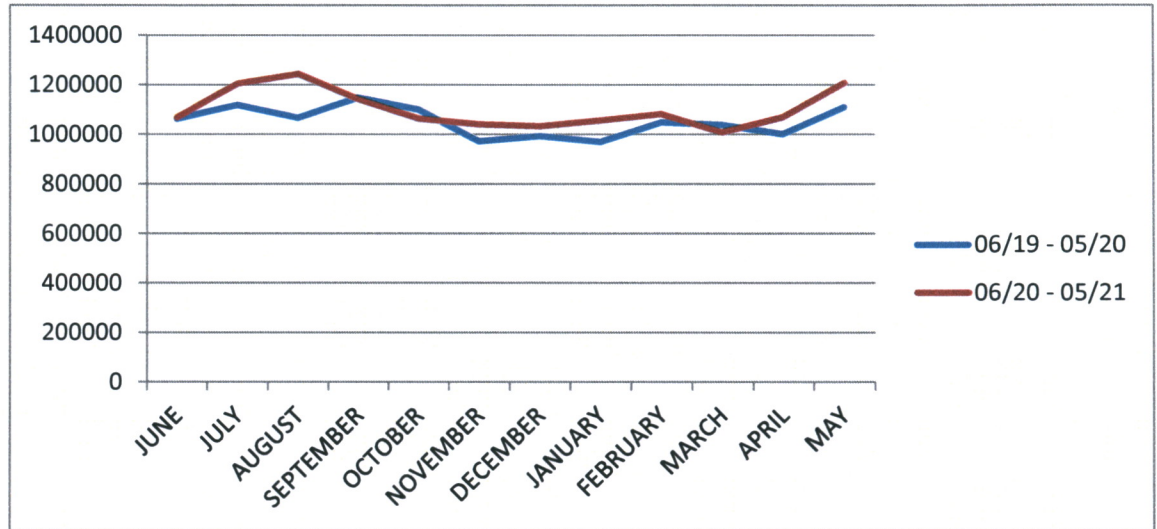
	GALLONS 06/19 - 05/20	GALLONS 06/20 - 05/21
JUNE	31923228	33107645
JULY	34706334	37362638
AUGUST	33107378	38585492
SEPTEMBER	34482094	34265077
OCTOBER	34127326	32970729
NOVEMBER	29207270	31208446
DECEMBER	30826625	32012246
JANUARY	30123750	32716898
FEBRUARY	30434759	30282459
MARCH	32214416	31263234
APRIL	30061246	31695822
MAY	34404415	37416135



## MONTHLY FLOW RATES FOR PUTNAM COUNTY

### June 2019 Thru May 2021

	FLOWRATES*	FLOWRATES*
	06/19 - 05/20	06/20 - 05/21
JUNE	1064107	1067988
JULY	1119559	1205246
AUGUST	1067979	1244693
SEPTEMBER	1149403	1142169
OCTOBER	1100881	1063571
NOVEMBER	973575	1040281
DECEMBER	994407	1032653
JANUARY	971733	1055383
FEBRUARY	1049474	1081516
MARCH	1039174	1008491
APRIL	1002041	1068829
MAY	1109819	1206972



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

**File Attachments for Item:**

10. Financial Reports

Sinclair Water Authority

126 Cay Dr.  
Milledgeville, GA 31061

**Invoice** 38

Date	Invoice #
6/30/2021	Putnam0621

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

Description	Qty	Rate	Amount
Putnam Monthly Water Sales		78,121.16	78,121.16

	<b>Total</b>	\$78,121.16
--	--------------	-------------

Sinclair Water Authority

126 Cay Dr.  
Milledgeville, GA 31061

# Invoice 39

Date	Invoice #
6/30/2021	Baldwin0621

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

Description	Qty	Rate	Amount
Baldwin Monthly Water Sales		95,481.41	95,481.41

	<b>Total</b>	\$95,481.41
--	--------------	-------------

Sinclair Water Authority

126 Cay Dr.  
Milledgeville, GA 31061

Invoice 40

Date	Invoice #
5/31/2021	Putnam0521

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

Description	Qty	Rate	Amount
Putnam Monthly Water Sales		78,121.16	78,121.16

			<b>Total</b>	\$78,121.16
--	--	--	--------------	-------------



Sinclair Water Authority

126 Cay Dr.  
Milledgeville, GA 31061

Date	Invoice #
5/31/2021	Baldwin0521

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

Description	Qty	Rate	Amount
Baldwin Monthly Water Sales		95,481.41	95,481.41

			<b>Total</b>	\$95,481.41
--	--	--	--------------	-------------

	<u>Jun 30, 21</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
<b>11.1100 · Cash</b>	
11.1111 · Exchange Bank Operating	481,342.28
11.1112 · Exchange - Payroll	5,000.00
11.1120 · Exchange - Reserve	109,449.74
11.1140 · CD - Reserve	271,365.77
	<hr/>
<b>Total 11.1100 · Cash</b>	867,157.79
11.1150 · Petty Cash	100.00
11.1200 · Cash With Fiscal Agent	292,255.36
	<hr/>
<b>Total Checking/Savings</b>	1,159,513.15
<b>Accounts Receivable</b>	
11.1900 · Accounts Receivable	95,481.41
	<hr/>
<b>Total Accounts Receivable</b>	95,481.41
<b>Other Current Assets</b>	
11.3610 · Small Tools	104.99
11.3800 · Prepaid Assets	36,965.23
	<hr/>
<b>Total Other Current Assets</b>	37,070.22
	<hr/>
<b>Total Current Assets</b>	1,292,064.78
<b>Fixed Assets</b>	
11.7100 · Land & Row	76,763.35
11.7400 · Water Treatment Plant	18,174,868.51
11.7410 · Accum Depr-Buildings	-6,109,179.51
11.7500 · Machinery and Equipment	125,903.30
11.7510 · Accum Depr-Machinery & Equip	-74,683.57
11.7620 · CIP - Membrane Replacement	281,494.00
11.7630 · CIP-CL02 Project	68,695.08
	<hr/>
<b>Total Fixed Assets</b>	12,543,861.16
<b>Other Assets</b>	
11.9000 · Deferred Outflows of Resources	
11.9300 · Defrred Outflw of Resrc-Pension	25,578.00
	<hr/>
<b>Total 11.9000 · Deferred Outflows of Resour...</b>	25,578.00

Sinclair Water Authority  
Balance Sheet  
As of June 30, 2021

	<u>Jun 30, 21</u>
11.9400 · Def Outfl of Res-Unam Bd Iss Cs	115,303.30
Total Other Assets	140,881.30
<b>TOTAL ASSETS</b>	<b><u>13,976,807.24</u></b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Accounts Payable</b>	
12.1110 · Accounts Payable	12,191.98
Total Accounts Payable	12,191.98
<b>Credit Cards</b>	
12.1122 · VISA	2,207.35
Total Credit Cards	2,207.35
<b>Other Current Liabilities</b>	
12.1190 · Accrued Payables	3,992.15
12.1200 · Accrued Salaries Payable	14,544.30
12.1300 · Payroll Deductions Payable	
12.1310 · BCBS-Dental	1,492.46
12.1312 · AFLAC	288.96
12.1315 · BCBS-Vision	126.44
12.1320 · Group Health Insurance	2,901.55
12.1330 · Social Security (FICA)	-0.03
12.1350 · Federal Income Tax	231.37
12.1395 · Life Insurance - voluntary	-45.86
Total 12.1300 · Payroll Deductions Paya...	4,994.89
12.1435 · Compensated Absences Paya...	6,140.38
12.2400 · Acrued Interest Payable	87,475.10
Total Other Current Liabilities	117,146.82
Total Current Liabilities	131,546.15
<b>Long Term Liabilities</b>	
12.5265 · Net Pension Liability	25,768.00

Sinclair Water Authority  
Balance Sheet  
As of June 30, 2021

	<u>Jun 30, 21</u>
12.5300 · Notes Payable non-current	
12.5320 · GEFA Loan Payable 2013	94,648.05
12.5330 · GEFA Loan Payable 2014	861,061.27
	<hr/>
Total 12.5300 · Notes Payable non-current	955,709.32
12.5660 · Series 2019 Bonds Payable	10,805,000.00
12.9000 · Deferred Inflows of Resources	
12.9300 · Deferd Inflows of Resrs-Pension	17,829.00
	<hr/>
Total 12.9000 · Deferred Inflows of Resou...	17,829.00
12.9310 · Def Inflows of Res-S19 Bd Prem	1,713,759.63
12.9320 · Def Inflows/Res-Membranes	182,203.87
	<hr/>
Total Long Term Liabilities	13,700,269.82
	<hr/>
Total Liabilities	13,831,815.97
Equity	
13.2400 · Contributed Capital-USDA	1,907,000.00
13.3700 · Retained Earnings	-2,008,708.52
13.3790 · Prior Period Adjustment	13,956.25
13.3791 · PPA-Change in Accounting Method	-46,757.57
13.3792 · PPA-Change in Acctg Principle	-114,216.00
Net Income	393,717.11
	<hr/>
Total Equity	144,991.27
	<hr/>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>13,976,807.24</b>
	<hr/> <hr/>

Sinclair Water Authority  
**Profit & Loss Budget Performance 2020**  
 January through June 2021

9:58 AM  
 07/06/2021  
 Accrual Basis

	<u>Jan - Jun 21</u>	<u>Budget</u>	<u>% of Budget</u>	<u>Annual Budget</u>
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>34.4200 · Water sales</b>				
34.4210 · Water sales - Baldwin	572,888.46	572,888.46	100.0%	1,145,777.00
34.4220 · Water sales - Putnam	468,726.96	468,726.96	100.0%	937,454.00
<b>Total 34.4200 · Water sales</b>	<u>1,041,615.42</u>	<u>1,041,615.42</u>	<u>100.0%</u>	<u>2,083,231.00</u>
36.1000 · Interest Earned	5,620.73	3,250.02	172.94%	6,500.00
<b>38.9000 · Other Income</b>				
38.9100 · Reserve Income	0.00	67,761.00	0.0%	67,761.00
<b>Total 38.9000 · Other Income</b>	<u>0.00</u>	<u>67,761.00</u>	<u>0.0%</u>	<u>67,761.00</u>
<b>Total Income</b>	<u>1,047,236.15</u>	<u>1,112,626.44</u>	<u>94.12%</u>	<u>2,157,492.00</u>
<b>Gross Profit</b>	<u>1,047,236.15</u>	<u>1,112,626.44</u>	<u>94.12%</u>	<u>2,157,492.00</u>
<b>Expense</b>				
<b>51 · Pers Serv &amp; Benefits</b>				
<b>51.1000 · Salaries and wages</b>				
51.1100 · Salaries & Wages-Regular	168,508.85	178,655.02	94.32%	357,310.00
51.1400 · Salaries & Wages - Other	7,781.37	7,877.51	98.78%	15,755.00
<b>Total 51.1000 · Salaries and wages</b>	<u>176,290.22</u>	<u>186,532.53</u>	<u>94.51%</u>	<u>373,065.00</u>
<b>51.2000 · Employee Benefits</b>				
51.2100 · Group Health Insurance	29,222.55	27,317.52	106.97%	54,635.00
51.2120 · BCBS-Dental	1,123.67	1,505.02	74.66%	3,010.00
51.2130 · BCBS-Vision	216.35	209.02	103.51%	418.00
51.2200 · Social Security (FICA)	10,266.05	11,229.52	91.42%	22,459.00
51.2300 · Medicare	2,404.21	2,705.02	88.88%	5,410.00
51.2400 · Retirement Plan Base Contr	3,358.72	3,730.50	90.03%	7,461.00
51.2450 · Retirement Plan Match	4,993.54	5,596.02	89.23%	11,192.00
51.2460 · Pension Plan	0.00	3,365.02	0.0%	6,730.00
51.2700 · Workers' Compensation	-2,508.00	10,000.02	-25.08%	20,000.00
51.2900 · Group Life Insurance	624.32	729.00	85.64%	1,458.00
<b>Total 51.2000 · Employee Benefits</b>	<u>49,701.41</u>	<u>66,386.66</u>	<u>74.87%</u>	<u>132,773.00</u>
<b>Total 51 · Pers Serv &amp; Benefits</b>	<u>225,991.63</u>	<u>252,919.19</u>	<u>89.35%</u>	<u>505,838.00</u>
<b>52 · Services</b>				

	<u>Jan - Jun 21</u>	<u>Budget</u>	<u>% of Budget</u>	<u>Annual Budget</u>
<b>52.1000 · Professional &amp; technical</b>				
<b>52.1200 · Professional services</b>				
52.1210 · Legal Fees	313.50	550.02	57.0%	1,100.00
52.1220 · Accounting Services	3,333.35	12,800.02	26.04%	25,600.00
<b>Total 52.1200 · Professional services</b>	<u>3,646.85</u>	<u>13,350.04</u>	<u>27.32%</u>	<u>26,700.00</u>
<b>52.1300 · Technical services</b>				
52.1310 · Engineering	4,236.25	3,750.00	112.97%	7,500.00
52.1320 · Computer Services	160.81	550.02	29.24%	1,100.00
52.1330 · Laboratory Testing	6,196.76	13,250.02	46.77%	26,500.00
52.1340 · Payroll Processing	1,244.74	1,300.02	95.75%	2,600.00
<b>Total 52.1300 · Technical services</b>	<u>11,838.56</u>	<u>18,850.06</u>	<u>62.8%</u>	<u>37,700.00</u>
<b>Total 52.1000 · Professional &amp; technical</b>	<u>15,485.41</u>	<u>32,200.10</u>	<u>48.09%</u>	<u>64,400.00</u>
<b>52.2000 · Property services</b>				
52.2150 · Alum Sludge Disposal	10,940.25	22,500.00	48.62%	45,000.00
52.2210 · Building Maintenance	11,679.99	9,500.02	122.95%	19,000.00
52.2220 · Equipment Maintenance	23,255.71	26,000.02	89.45%	52,000.00
52.2230 · Automobile Expense	549.09	500.02	109.81%	1,000.00
52.2700 · Membrane Maintenance Services	0.00	9,639.00	0.0%	19,278.00
<b>Total 52.2000 · Property services</b>	<u>46,425.04</u>	<u>68,139.06</u>	<u>68.13%</u>	<u>136,278.00</u>
<b>52.3000 · Other services</b>				
52.3100 · Insurance Expense	27,621.00	13,750.02	200.88%	27,500.00
52.3200 · Telephone (communications)	1,965.02	2,000.02	98.25%	4,000.00
52.3300 · Advertising	0.00	375.00	0.0%	750.00
52.3500 · Travel Expense	262.44	2,000.02	13.12%	4,000.00
52.3600 · Dues and fees	549.00	500.02	109.8%	1,000.00
52.3700 · Education Training	1,654.00	1,950.00	84.82%	3,900.00
52.3800 · License Renewals	480.00	400.02	119.99%	800.00
52.3850 · Contract Labor	1,425.00	3,500.02	40.71%	7,000.00
<b>Total 52.3000 · Other services</b>	<u>33,956.46</u>	<u>24,475.12</u>	<u>138.74%</u>	<u>48,950.00</u>
<b>Total 52 · Services</b>	<u>95,866.91</u>	<u>124,814.28</u>	<u>76.81%</u>	<u>249,628.00</u>
<b>53 · Supplies</b>				
53.1100 · Office Supplies	3,152.99	2,500.02	126.12%	5,000.00
53.1130 · Other operating supplies	0.00			
53.1135 · Chemicals	106,075.61	120,600.00	87.96%	241,200.00
53.1140 · Laboratory Supplies	16,073.50	10,500.00	153.08%	21,000.00

	<u>Jan - Jun 21</u>	<u>Budget</u>	<u>% of Budget</u>	<u>Annual Budget</u>
53.1150 · Safety Items	595.81	1,000.02	59.58%	2,000.00
53.1200 · Utilities / Energy	79,689.59	82,500.00	96.59%	165,000.00
53.1220 · Raw Water Withdrawal	0.00	26,500.02	0.0%	53,000.00
53.1270 · Gasoline	683.50	1,000.02	68.35%	2,000.00
53.1600 · Small equipment & tools	0.00	500.02	0.0%	1,000.00
53.1710 · Uniforms	275.32	612.52	44.95%	1,225.00
<b>Total 53 · Supplies</b>	<u>206,546.32</u>	<u>245,712.62</u>	<u>84.06%</u>	<u>491,425.00</u>
<b>Total Expense</b>	<u>528,404.86</u>	<u>623,446.09</u>	<u>84.76%</u>	<u>1,246,891.00</u>
<b>Net Ordinary Income</b>	<u>518,831.29</u>	<u>489,180.35</u>	<u>106.06%</u>	<u>910,601.00</u>
<b>Other Income/Expense</b>				
<b>Other Expense</b>				
<b>56 · Depreciation &amp; amortization</b>				
56.1500 · Membrane Replacement Contract	0.00	60,750.00	0.0%	121,500.00
<b>Total 56 · Depreciation &amp; amortization</b>	<u>0.00</u>	<u>60,750.00</u>	<u>0.0%</u>	<u>121,500.00</u>
<b>57.9000 · Contingencies</b>	0.00	13,999.98	0.0%	28,000.00
<b>58 · Debt service</b>				
58.1330 · GEFA Loan #1 Principal	0.00	3,200.02	0.0%	6,400.00
58.1340 · GEFA Loan #2 Principal	0.00	22,650.00	0.0%	45,300.00
58.1350 · Series 2019 Principal	0.00	112,500.00	0.0%	225,000.00
58.2310 · GEFA Loan #1 Interest Expense	1,027.42	1,000.02	102.74%	2,000.00
58.2320 · GEFA Loan #2 Interest Expense	10,095.46	9,750.00	103.54%	19,500.00
58.2350 · Series 2019 Interest	113,991.30	231,450.00	49.25%	462,900.00
<b>Total 58 · Debt service</b>	<u>125,114.18</u>	<u>380,550.04</u>	<u>32.88%</u>	<u>761,100.00</u>
<b>Total Other Expense</b>	<u>125,114.18</u>	<u>455,300.02</u>	<u>27.48%</u>	<u>910,600.00</u>
<b>Net Other Income</b>	<u>-125,114.18</u>	<u>-455,300.02</u>	<u>27.48%</u>	<u>-910,600.00</u>
<b>Net Income</b>	<u><u>393,717.11</u></u>	<u><u>33,880.33</u></u>	<u><u>1,162.08%</u></u>	<u><u>1.00</u></u>

## Capital Project Fund Balance

(Formerly USDA Reserve & USDA Reserve CD)

Date	Deposits	W/D Amounts	Memo	Fund Balance (See Balance Sheet)	Notes:
<b>FY2021</b>					
			<b>USDA CD Reserve</b>	<b>\$ 268,128.89</b>	
			<b>USDA Reserve</b>	<b>\$ 160,957.50</b>	\$6873.39 Interest
<b>12/31/2021</b>			<b>Beginning Balance</b>	<b>\$ 429,086.39</b>	
1/31/2021	\$ 172.38		Monthly Interest Reserve	\$ 429,258.77	
2/28/2021	\$ 155.87		Monthly Interest Reserve	\$ 429,414.64	
3/2/2021		\$ 47,213.00	Transfer to Operating FY21 Budget	\$ 382,201.64	
3/31/2021	\$ 122.17		Monthly Interest Reserve	\$ 382,323.81	
4/30/2021	\$ 3,236.88		CD Reserve Interest	\$ 385,560.69	
4/30/2021	\$ 118.36		Monthly Interest Reserve	\$ 385,679.05	
5/19/2021		\$ 4,450.00	Turbidimeter	\$ 381,229.05	5/2021 Board approved Turbidimeter
5/25/2021		\$ 66.68	Ace (Turbidimeter install)	\$ 381,162.37	
			Electricity for shed	\$ 381,162.37	
5/31/2021	\$ 122.43		Monthly Interest Reserve	\$ 381,284.80	
6/14/2021		\$ 24.67	Lowes (Turbidimeter install)	\$ 381,260.13	
6/22/2021		\$ 444.62	USA Bluebook (Turbidimeter install)	\$ 380,815.51	Transferred \$4985.97 from Reserve to Operating for Turbidimeter; Bank Balances Match 6/25/21
<b>TOTALS</b>	<b>\$ 3,928.09</b>	<b>\$ 52,198.97</b>		<b>\$ 380,815.51</b>	

<b>Capital Budget (begin FY21)</b>	
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



## Operating Reserve Fund

(Formerly Membrane Reserve)

Date	Deposits	W/D Amounts	Memo	Operating Reserve Fund Balance	Operating Account Balance Sheet	As of Date
<b>FY2021</b>						
	\$ 220,642.49		Membrane Reserve Fund Closing Balance	\$ 220,642.49		
12/15/2020		\$ 140,747.00	Membrane Contract paid in advance	\$ 79,895.49		
1/1/2021	\$ 28,000.00		Contingency	\$ 107,895.49	\$ 441,526.38	4.30.21
1/31/2021	\$ 256.68		Monthly Operating Interest	\$ 108,152.17		
2/28/2021	\$ 262.88		Monthly Operating Interest	\$ 108,415.05		
3/31/2021	\$ 362.94		Monthly Operating Interest	\$ 108,777.99		
4/30/2021	\$ 378.81		Monthly Operating Interest	\$ 109,156.80		
5/30/2021	\$ 431.33		Monthly Operating Interest	\$ 109,588.13	\$ 396,195.52	5.31.21
<b>TOTALS</b>	<b>\$ 250,335.13</b>	<b>\$ 140,747.00</b>		<b>\$ 109,588.13</b>		

Operating Reserve (begin FY21)		
Unused Operating Reserves (Membrane Reserve)	\$ 220,642.49	
FY21 Contingency Allocation	\$ 28,000.00	
Operating Reserve Balance	\$ 248,642.49	