

**AN ORDINANCE BY CITY UTILITIES COMMITTEE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF FOUR MILLION, FIVE HUNDRED NINETY-EIGHT THOUSAND, SIXTY-FOUR DOLLARS AND ZERO CENTS (\$4,598,064.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE SOUTH RIVER WRC VARIOUS PROJECTS-GROUP 1 PROJECT; AND FOR OTHER PURPOSES.**

**Review List:**

Pamela Holmes	Completed	08/29/2013 3:17 PM
Jo Ann Macrina	Completed	08/29/2013 3:46 PM
Patrick McShane	Completed	08/29/2013 5:01 PM
Mayor's Office	Completed	08/29/2013 5:59 PM
Office of Research and Policy Analysis	Completed	08/30/2013 9:41 AM
City Utilities Committee	Pending	
Atlanta City Council	Pending	
Mayor's Office	Pending	

Certified by Presiding Officer	Certified by Clerk
<p>Mayor's Action</p> <p><i>See Authentication Page Attachment</i></p>	

**AN ORDINANCE  
BY CITY UTILITIES COMMITTEE**

**AN ORDINANCE BY CITY UTILITIES COMMITTEE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF FOUR MILLION, FIVE HUNDRED NINETY-EIGHT THOUSAND, SIXTY-FOUR DOLLARS AND ZERO CENTS (\$4,598,064.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE SOUTH RIVER WRC VARIOUS PROJECTS-GROUP 1 PROJECT; AND FOR OTHER PURPOSES.**

WHEREAS, the City of Atlanta owns and operates a water and wastewater system; and

WHEREAS, the City of Atlanta, Department of Watershed Management has identified, in connection with the Capital Improvement Program, the need to fund certain costs from the General Reserves; and

WHEREAS, the purpose of the South River WRC Various Projects-Group 1 Project is to create designs for the repair and/or replacement of various aged and weathered pumping station equipment, including, but not limited to, grating and dewatering centrifuges, system controls, headworks belts, mast outside lighting, bypass weirs, pump motors and speed controls, and belt presses; and

WHEREAS, these funds should be transferred from the General Reserves for Appropriations to facilitate the use of the funds for the South River WRC Various Projects-Group 1 Project.

THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY ORDAINS *as follows*:

Section 1: That the Chief Financial Officer is authorized to amend the FY 2014 Water and Wastewater Renewal and Extension Fund (5052) Budget as follows:

TRANSFER FROM APPROPRIATIONS

<b>The amount of:</b>	<b>\$4,598,064.00</b>			
<b>FDOA:</b>				
<u>Water &amp; Wastewater R&amp;E Fund</u>	<u>NDP Reservation of Fund Appropriations</u>	<u>Reserve Conversion Account</u>	<u>Accounting</u>	
5052	200101	5999901	1512000	

ADD TO APPROPRIATIONS

<b>The amount of:</b>	<b>\$4,598,064.00</b>			
<b>PTAEO:</b>				
<u>South River WRC Various Projects-Group 1 Project</u>	<u>South River WRC Various Projects-Group 1 Project TASK</u>	<u>Water &amp; Wastewater R&amp;E Fund</u>	<u>Consulting</u>	<u>City of Atlanta</u>
17111635	101	505221391	5212001	COA
<b>FDOA:</b>				
<u>Water &amp; Wastewater R&amp;E Fund</u>	<u>DWM Treatment Plant - South River</u>	<u>Projects and Grants Budget</u>	<u>Sewage Treatment Plants</u>	
5052	170206	5999999	4335000	
<u>South River WRC Various Projects-Group 1 Project</u>	<u>Water &amp; Wastewater R&amp;E Fund</u>			
111635	21391			

Section 2: That appropriations in the Water and Wastewater Renewal and Extension Fund (5052) Budget be transferred as follows:

ADD TO AWARD INSTALLMENT

<b>The amount of:</b>	<b>\$4,598,064.00</b>	<u>R&amp;E Water &amp; Wastewater Fund</u>		
		505221391		

Section 3: That all ordinances and parts of ordinances that are in conflict with the provisions of this ordinance are waived to the extent of the conflict.

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: CANDACE L. BYRD

Dept.'s Legislative Liaison: Maisha L. Wood

Contact Number: 404-330-6887

Originating Department: Watershed Management

Committee(s) of Purview: City Utilities Committee

Chief of Staff Deadline: August 23, 2013

Anticipated Committee Meeting Date(s): September 10, 2013

Anticipated Full Council Date: September 16, 2013

Legislative Counsel's Signature:

*Renee Sigmond*

Commissioner's Signature:

*Malcolm*

Chief Financial Officer/Budget Analyst:

*8-22-2013*

Chief Information Officer Signature (for IT Procurements) n/a

Chief Procurement Officer Signature: n/a

**CAPTION**

AN ORDINANCE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF FOUR MILLION, FIVE HUNDRED NINETY-EIGHT THOUSAND, SIXTY-FOUR DOLLARS AND ZERO CENTS (\$4,598,064.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE SOUTH RIVER WRC VARIOUS PROJECTS-GROUP 1 PROJECT; AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) (\$4,598,064.00)

Mayor's Staff Only

Received by CPO: \_\_\_\_\_  
(date)

Received by LC from CPO: \_\_\_\_\_  
(date)

Received by Mayor's Office: J.J. 8/23/13  
(date)

Reviewed by: \_\_\_\_\_  
(date)

Submitted to Council: \_\_\_\_\_ (date)

**Part II: Legislative White Paper:** (This portion of the Legislative Request Form will be shared with City Council members and staff)

**A. To be completed by Legislative Counsel:**

**Committee of Purview:** City Utilities

**Caption:** AN ORDINANCE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF FOUR MILLION, FIVE HUNDRED NINETY-EIGHT THOUSAND, SIXTY-FOUR DOLLARS AND ZERO CENTS (\$4,598,064.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE SOUTH RIVER WRC VARIOUS PROJECTS-GROUP 1 PROJECT; AND FOR OTHER PURPOSES.

**Council Meeting Date:** September 16, 2013

**Requesting Dept.:** Watershed Department

**B. To be completed by the department:**

**1. Please provide a summary of the purpose of this legislation (Justification Statement).**

*Example: The purpose of this legislation is to anticipate funds from a local assistance grant to purchase child safety seats.*

The purpose of this legislation is to authorize the CFO to amend the FY 2014 Budget Water and Wastewater Renewal and Extension Fund (5052) in the amount of \$4,598,064.00 to transfer funds from General Reserve for Appropriation and add to Appropriation funds for:

the South River WRC Various Projects-Group 1 Project's scope of work entails design for the repair and/or replacement of various pumping station equipment that is aged and weathered (including grating, dewatering centrifuges and system controls, Headworks belt, mast outside lighting, bypass weir, pump motors and speed controls, belt press.

**2. Please provide background information regarding this legislation.**

*Example: The task force of homelessness conducted a study regarding homelessness, its impact and consequences on the City. This resolution reflects the Mayor's desire to open a twenty-four hour center that will respond to the needs of the homelessness in Atlanta.*

The City of Atlanta Department of Watershed Management has identified, in connection with the Capital Improvement Program (CIP), the need to fund certain costs from the Water and Wastewater Renewal and Extension Fund (5052) to facilitate projects.

**3. If Applicable/Known:**

(a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):** N/A

- (b) Source Selection: N/A
- (c) Bids/Proposals Due: N/A
- (d) Invitations Issued: N/A
- (e) Number of Bids: N/A
- (f) Proposals Received: N/A
- (g) Bidders/Proponents: N/A
- (h) Term of Contract: N/A

4. Fund Account Center (*Ex. Name and number*): Various

Fund: \_\_\_\_\_ Account: \_\_\_\_\_ Center: \_\_\_\_\_

5. Source of Funds: *Example: Local Assistance Grant*

FDOA: \$4,598,064.00; 5052 (DWM Water & Wastewater RNE Fund) 200101 (NDP Reservation of Funds Appropriations) 5999 901 (Reserve Conversion Account) 1512000 (Accounting)

6. Fiscal Impact: N/A

*Example: This legislation will result in a reduction in the amount of \_\_\_\_\_ to Fund Account Center Number \_\_\_\_\_.*

7. Method of Cost Recovery: N/A

*Examples:*

- a. *Revenues generated from the permits required under this legislation will be used to fund the personnel needed to carry out the permitting process.*
- b. *Money obtained from a local assistance grant will be used to cover the costs of this Summer Food Program.*

This Legislative Request Form Was Prepared By: Tamika Gray



Kasim Reed  
MAYOR

# CITY OF ATLANTA

Jo Ann J. Macrina, PE  
COMMISSIONER

DEPARTMENT OF WATERSHED MANAGEMENT  
55 TRINITY AVENUE SW, SUITE 5400, SOUTH BLDG.  
ATLANTA, GEORGIA 30303-3544  
OFFICE 404-330-6081 FAX 404-658-7194

## MEMORANDUM

TO: Tamika Gray, Watershed Manager, Sr.,  
DWM – Bureau of Administration

FROM: Demetris Johnson, Financial Manager  
DWM, Office of Engineering Service *DJ*

DATE: July 11<sup>th</sup>, 2013

SUBJECT: SOUTH RIVER WRC VARIOUS PROJECTS GROUP 1

This serves as a formal request to fund (South River WRC Various Projects Group 1) capital projects from funding source (TBD). The deemed amount is a total of \$4,598,064.00 for the project listed below.

PROJECT NAME	SOUTH RIVER WRC VARIOUS PROJECTS GROUP 1
Funding Total	\$4,598,064.00 – Design
Funding Source	TBD
Start/Finish Time	October 2013 thru September 2014
Project Details	Project Scope Includes: Replace aging exterior fiberglass grating Replace dewatering centrifuges Upgrade dewatering system controls Replace belt for Headworks bar screens and screening conveyor Replace high mast outside lighting Raise effluent pump station bypass weir Replace RAS pump motors and eddy current speed controls replacement Provide belt press for dewatering basins and digesters

Should you need additional information to precede with this request, please contact me at 404-546-1249. Thanks.

### APPROVALS

*Paula E. Days*  
\_\_\_\_\_  
Paula E. Days, CPMD Director

*Eric L. Glover*  
\_\_\_\_\_  
Eric L. Glover, PE, DC, OES

Cc: Mike Geisler, DC, Bureau of Financial Administration  
Brenda Williams, OES, Project Manager

Attachment: Budget Amendment South River WRC transmittal and backup (13-O-1272 : Budget Amendment South River WRC Various Projects-

**Project Information**

**WBS #:** W.01.02.0077      **Project Name:** South River WRC Various Projects Group 1  
**Project Manager:** Williams, Brenda L      **Phone:** 404-546-3351      **Email:** [brewilliams@AtlantaGA.gov](mailto:brewilliams@AtlantaGA.gov)  
**Program:** Water Facilities Asset Management      **Consent Decree:** No  
**Council District(s):** 1      **NPU(s):** Z

**Project Description**

South River WRC (STWRC) located at 955 South River Industrial Boulevard SE provides wastewater treatment for the South River sewer service area. This area encompasses portions of Atlanta, East Point, College Park, Hapeville, Forest Park, DeKalb County and Clayton County. SRWRC also treats partially treated wastewater from Intrinishment Creek WRC. The facility is permitted to discharge a maximum monthly daily average of 48 million gallons per day of treated wastewater to the Chattahoochee River under the combined National Pollutant Discharge Elimination System (NPDES) Permit.

**Project Scope Includes:**

1. Replace Aging Exterior Fiberglass Grating.
2. Replace Dewatering Centrifuges.
3. Upgrade Dewatering System Controls.
4. Replace Belt for Headworks Bar Screens and Screening Conveyor.
5. Replace High Mast Outside Lighting.
6. Raise Effluent Pump Station Bypass Weir.
7. Replace RAS Pump Motors and Eddy Current Speed Controls Replacement
8. Provide Belt Press for Dewatering Basins and Digesters.

Replace Influent Flow Meters.

**Justification****Compliance, Public Health, Safety, Security and Environmental Protection**

Aging weathered grating is unsafe. Dewatering Centrifuges and controls are past useful life which degrades economical cake and centrate production, increases polymer cost, increases maintenance cost and could affect regulatory compliance due to higher amounts of downtime. Belt for Headworks Bar Screens and Screening Conveyor worn out and could fail leading to shutdown with safety issues for workers from vectors and pathogens on the screening building floor. Many outside mast lights do not work which is a safety hazard for workers at night. Raising the effluent bypass weir will increase plant hydraulic capacity, reduce potential for an effluent spill and provide more economical effluent pumping. RAS pump motors and eddy drives are aged, worn out and old technology. Replacement with VFDs will improve economical performance, reduce maintenance and increase reliability of system to meet NPDES effluent permit. Belt filter press is needed for periodic cleaning of digesters, aeration tanks and clarifiers for reduced risk to meet NPDES effluent permit and reduce use of dewatering contractors for corrective maintenance. Influent flow meter needs replacement to maintain accuracy for billing and NPDES permit compliance.

**System Reliability**

Many pieces of equipment are out of service including the sludge collectors, pumps, and air compressors in the sludge pump station. There are currently no grinders to protect the hose pumps from water and much of the equipment has been inoperable since 2011.

**Operational Efficiency/Improvement**

Repairs and/or replacement of the non-functioning equipment would allow for elimination of maintenance issues throughout the system, and the City could move to a centralized maintenance warehouse.

**Service Extension/Improvement**

Better utilization of maintenance labor and functionality as designed of the plant.

**Cost & Schedule**

<b>Start Date:</b>	<b>Design:</b>	October 2013 thru September 2014	\$ 4,598,064.00
	<b>Construction</b>	January 2015 thru July 2017	\$67,250,000.00
<b>Cost Estimate:</b>	\$71,848,064.00		

Committee \_\_\_\_\_  
 Date \_\_\_\_\_  
 Chair \_\_\_\_\_  
 Referred To \_\_\_\_\_

2<sup>nd</sup>     1<sup>st</sup> & 2<sup>nd</sup>     3<sup>rd</sup>  
 Readings  
 Consent     V Vote     RC Vote

<p>AN ORDINANCE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF FOUR MILLION, FIVE HUNDRED NINETY-EIGHT THOUSAND, SIXTY-FOUR DOLLARS AND ZERO CENTS (\$4,598,064.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE SOUTH RIVER WRC VARIOUS PROJECTS-GROUP 1 PROJECT; AND FOR OTHER PURPOSES.</p> <p><input type="checkbox"/> CONSENT REFER</p> <p><input type="checkbox"/> REGULAR REPORT REFER</p> <p><input type="checkbox"/> ADVERTISE &amp; REFER</p> <p><input type="checkbox"/> 1<sup>ST</sup> ADOPT 2<sup>ND</sup> READ &amp; REFER</p> <p><input type="checkbox"/> PERSONAL PAPER REFER</p> <p>Date Referred: _____</p> <p>Referred To: _____</p> <p>Date Referred: _____</p> <p>Referred To: _____</p>	<p>Committee _____</p> <p>Date _____</p> <p>Chair _____</p> <p>Action                  Fav, Adv, Hold (see rev. side)                  Other _____</p> <p>Members _____</p> <p>Refer To _____</p>	<p>Committee _____</p> <p>Date _____</p> <p>Chair _____</p> <p>Action                  Fav, Adv, Hold (see rev. side)                  Other _____</p> <p>Members _____</p> <p>Refer To _____</p>	<p><b>CERTIFIED</b></p> <p><b>MAYOR'S ACTION</b></p>
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