

**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 FORTY MILLION DOLLARS AND ZERO CENTS (\$40,000,000.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVES AND ADD FUNDS TO APPROPRIATIONS FOR THE COMBINED SEWER FACILITIES COMPLIANCE IMPROVEMENTS PROJECT; AND FOR OTHER PURPOSES.**

**Workflow List:**

Jo Ann Macrina	Completed	05/01/2014 3:36 PM
Finance	Completed	05/01/2014 4:15 PM
Patrick McShane	Completed	05/01/2014 4:36 PM
Mayor's Office	Completed	05/01/2014 4:43 PM
Office of Research and Policy Analysis	Completed	05/07/2014 11:36 AM
City Utilities Committee	Completed	05/15/2014 3:57 PM
Atlanta City Council	Completed	05/21/2014 5:57 PM
City Utilities Committee	Pending	
Mayor's Office	Pending	

**HISTORY:**

05/13/14	City Utilities Committee	
05/19/14	Atlanta City Council	REFERRED TO COMMITTEE

<b>RESULT:</b>	<b>REFERRED TO COMMITTEE [UNANIMOUS] Next: 5/27/2014 9:30 AM</b>
<b>AYES:</b>	Norwood, Dickens, Smith, Hall, Archibong, Shook, Adrean, Moore, Martin, Bottoms, Sheperd
<b>ABSENT:</b>	Michael Julian Bond, Ivory Lee Young Jr., Cleta Winslow, Alex Wan

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

LEGISLATION HISTORY – BLUE BACK

**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 FORTY MILLION DOLLARS AND ZERO CENTS (\$40,000,000.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVES AND ADD FUNDS TO APPROPRIATIONS FOR THE COMBINED SEWER FACILITIES COMPLIANCE IMPROVEMENTS PROJECT; AND FOR OTHER PURPOSES.**

WHEREAS, the City of Atlanta (“City”) owns and operates a water and wastewater system; and

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

WHEREAS, the Combined Sewer Facilities Compliance Improvements Project (“Project”) will fund services for improvements at the East and the West Water Quality Control Facilities, and at Tanyard, North Avenue, Clear Creek, Boulevard and Custer Combined Sewer Facilities

**WHEREAS**, the required improvements under the Project include, but are not limited to, replacing the sludge cc equipment in the sediment basins to restore hydraulic capacity, improving bar screens and drum screens and scre conveyance, improving grit removal to protect downstream equipment and processes, evaluating disinfection alte improved compliance, evaluating and designing odor control improvements for better customer service, and eval performance; and

**WHEREAS**, these funds should be transferred from the General Reserves to facilitate the use of the funds for th Sewer Facilities Compliance Improvements 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 FY2014 Water and Wastewater Renewal and Extension Fund (5052) Budget as follows:

TRANSFER FROM APPROPRIATIONS

<b>The amount of:</b>	<b>\$40,000,000.00</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>\$40,000,000.00</b>			
<b>PTAEO:</b>				
<u>Combined Sewer Facilities Compliance Improvement</u>	<u>CSOs Combined Sewer Fac. Comp. Task</u>	<u>Water &amp; Wastewater R&amp;E Fund</u>	<u>Building Improvements</u>	<u>City of Atlanta</u>
17111741	101	505221391	5413002	COA
<b>FDOA:</b>				
<u>Water &amp; Wastewater R&amp;E Fund</u>	<u>DWM Wastewater Treatment &amp; Collections</u>	<u>Projects and Grants Budget</u>	<u>Sanitary Administration</u>	
5052	170201	5999999	4310000	
<u>Combined Sewer Facilities Compliance Improvement</u>	<u>Water &amp; Wastewater R&amp;E Fund</u>			
111741	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>\$40,000,000.00</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: 404-546-3625

Originating Department: Watershed Management

Committee(s) of Purview: City Utilities

Chief of Staff Deadline: April 25, 2014

Anticipated Committee Meeting Date(s): May 13, 2014

Anticipated Full Council Date: May 19, 2014

Legislative Counsel's Signature: [Signature]

Commissioner's Signature: [Signature]

Chief Financial Officer: [Signature]

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 FORTY MILLION DOLLARS AND ZERO CENTS (\$40,000,000.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVES AND ADD FUNDS TO APPROPRIATIONS FOR THE COMBINED SEWER FACILITIES COMPLIANCE IMPROVEMENTS PROJECT; AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) (40,000,000.00)  
Mayor's Staff Only

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

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

Received by Mayor's Office: [Signature] 4/24/14  
(date)

Reviewed by: [Signature]  
(date)

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

**Part II: Legislative White Paper:****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 FORTY MILLION DOLLARS AND ZERO CENTS (\$40,000,000.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVES AND ADD FUNDS TO APPROPRIATIONS FOR THE COMBINED SEWER FACILITIES COMPLIANCE IMPROVEMENTS PROJECT; AND FOR OTHER PURPOSES.

**Council Meeting Date:** May 19, 2014**Requesting Dept.:** Watershed Management**B. To be completed by the department:****1. Please provide a summary of the purpose of this legislation (Justification Statement).**

The purpose of this legislation is to authorize the CFO to amend the FY 2014 budget for the Water and Wastewater Renewal and Extension Fund (5052) in the amount of \$40,000,000 to transfer funds from the General Reserve and add to Appropriation funds for Combined Sewer Facilities Compliance Improvements. This capital project will fund services for improvements at the East and the West Water Quality Control Facilities, and at Tanyard, North Avenue, Clear Creek, Boulevard and Custer Combined Sewer Facilities.

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

The East and West Water Quality Control Facilities are among the nation's best examples of combined sewage treatment. The treatment train sequence is as follows: influent pumping from deep tunnels, screening, grit removal, sedimentation, filtration, disinfection with sodium hypochlorite and dechlorination. Flows to these two WQCFs are regulated by other combined sewer facilities: Tanyard, North Avenue, Clear Creek, Boulevard and Custer, four of which themselves become points of treatment and release when the tunnels leading to the WQCFs are full. Tanyard and Clear Creek facilities are 20 and 18 years old, respectively.

The current condition of the equipment in some of the treatment processes impairs the facilities' ability to process full design flow. Some of the equipment, such as sedimentation basin chain and flight collectors, is beyond the point of cost-effective repair; replacement is the best approach to maintaining operability.

Instrumentation and electronic control systems are vital to a short-staffed facility that must respond to rapidly-changing flows. Moreover, the regulator facilities (Boulevard, Custer, Tanyard, North and Clear Creek) must operate automatically in conjunction with the WQCFs and tunnel storage. Lastly, the recently delivered draft permit for these facilities requires more sophisticated monitoring plus sampling station upgrades. This project thus includes upgrading the automated control and monitoring systems for combined sewer process units and storage to include design and construction of a new remote wastewater facility automation monitoring and maintenance central facility at the former Intrenchment Creek WRC.

This project is consistent with recommendations from Master Planning and from independent assessments of facility equipment. This project also fulfills the expectations stated in the January, 2014 Internal Audit report on CSO compliance to correct the backlog of rehabilitation and replacement CIP.

As a consequence of this project we improve treatment capacity in those process units, upgrade overall reliability for meeting permit limits, and increase operating efficiency.

**3. If Applicable/Known:**

- (a) Contract Type: 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: Duration of contract site improvements, TBD.

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

**5. Source of Funds:**

FDOA: 5052

**6. Fiscal Impact:**

\$40,000,000 is transferred from the reserves for budgetary use on the above listed projects/

**7. Method of Cost Recovery: \_\_\_\_\_**

**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: Frank Stephens



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: Mohamed M. Balla, Interim Deputy Commissioner, Office of Financial Administration  
Department of Watershed Management

From: Frank Stephens, Deputy Commissioner, Office of Engineering Services  
Department of Watershed Management

*Frank Stephens*

Date: March 21, 2014

Re: Request for Capital Funding – Combined Sewer Facilities Compliance Improvements

Funding is requested for the Capital Improvement Project labeled **Combined Sewer Facilities Compliance Improvements** in the amount of \$40,000,000 in FY 2015.

The required improvements to the Combined Sewer Facilities include but are not limited to the following work:

- Replace the sludge collection equipment in the sedimentation basins to restore hydraulic capacity
- Improve or install sludge pumping and dewatering to avoid double treatment
- Improve bar screens and drum screens and screenings conveyance
- Improve grit removal to protect downstream equipment and processes
- Evaluate disinfection alternatives for improved compliance
- Evaluate and design odor control improvements for better customer service
- Establish an automation and maintenance central facility for remote wastewater assets
- Evaluate filter performance and either design replacement filters or specify media replacement as appropriate
- Upgrade instrumentation and SCADA controls for higher reliability

Design of improvements to existing combined sewage facilities began recently. We anticipate a series of procurement packages beginning in the third quarter of calendar year 2014 to accomplish the following:

1. Reduce the backlog of R&R CIP identified in the Internal Audit report of January 2014.
2. Continue compliance with the narrative provisions of the CSO consent decree.
3. Improve federal Clean Water Act compliance reliability.

