

### CIP Budget and Bond Reallocation Update

CIP #	Project Name	Original Budget Total (2010)	Updated Budget Total (2017)	Original Bond Allocation (Year 2011)	Reallocation of 2011 Bond Funds (Year 2015)	Reallocation of 2011 Bond Funds (Year 2017)	2011 Bond Budget Adjustments +/-	Comments
1	Hypochlorite Generation	\$ 3,000,000.00	\$3,580,237.00	\$ 3,000,000.00	\$ 3,963,000.00	\$ 3,459,347.00	\$ (503,653.00)	<b>Project Description:</b> Modify the existing chemical storage and delivery as required to provide on-site, low concentration hypochlorite generation and storage units. <b>Reason for variance:</b> Project is complete.
2	Henderson Booster Pumping Station	\$ 87,000.00	\$19,681.00	\$ -	\$ -	\$ -	\$ -	<b>Project is complete.</b>
3	Tucker Ground Storage Repump Station	\$ 90,000.00	\$29,097.00	\$ -	\$ -	\$ -	\$ -	<b>Project is complete.</b>
4	Midvale Booster Pumping Station	\$ 80,000.00	\$22,492.00	\$ -	\$ -	\$ -	\$ -	<b>Project is complete.</b>
5	Spare Bowls for Transfer Pumps	\$ 200,000.00	\$55,100.00	\$ -	\$ -	\$ -	\$ -	<b>Project is complete.</b>
6	Tank Repair & Painting	\$ 4,500,000.00	\$12,375,987.00	\$ 1,000,000.00	\$ 2,383,650.00	\$ 929,190.00	\$ (1,454,460.00)	<b>Project Description:</b> Perform interior and exterior repairs and repainting of existing water tank infrastructure to preserve their useful lives in the water distribution system. <b>Reason for variance:</b> The program budget increased primarily to meet the EPD compliance regulation. Bond fund reallocation decreased primarily to fund Wesley Chapel and Redan tanks only.
7	Cathodic Protection Survey and Design	\$ 500,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project deferred.</b>
8	Cathodic Protection for Water Tanks	\$ 1,400,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project deferred.</b>
9	N. Shallowford Road Booster PS	\$ 2,100,000.00	\$3,473,821.00	\$ 3,093,000.00	\$ 3,551,417.00	\$ 3,078,268.98	\$ (473,148.02)	<b>Project Description:</b> Install new North Shallowford Road Booster Pumping Station Facility, above ground, on the old Chamblee Middle School site, near Chamblee Dunwoody Road. <b>Reason for variance:</b> Project is complete and it is multi-funded.
10	Tilly Mill Booster PS	\$ 1,800,000.00	\$1,528,215.00	\$ 2,000,000.00	\$ 1,699,327.00	\$ 1,236,972.30	\$ (462,354.70)	<b>Project Description:</b> Install new Tilly Mill Booster Pumping Station facility aboveground, adjacent to the existing booster pumping station facility (at 5207 Tilly Mill Road, Dunwoody, Georgia). <b>Reason for variance:</b> Project is complete and it is multi-funded.
11	North DeKalb County Pipe Replacement	\$ 4,000,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Provide water pipeline upgrade for North DeKalb County water distribution system. <b>Reason for variance:</b> Project deferred pending completion of the Master Plan efforts with an estimated completion date of September 2019.
12	Water Reuse Projects Planning	\$ 6,350,000.00	\$0.00	\$ 2,000,000.00	\$ 500,000.00	\$ -	\$ (500,000.00)	<b>Project Description:</b> Evaluate the current water reuse option in the previous Water Reuse Feasibility Study, and develop a water reuse master plan and water reuse design projects. <b>Reason for variance:</b> Project deferred pending completion of the Master Plan efforts with an estimated completion date of September 2019.
13	Water Reuse Projects Implementation	\$ 29,815,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Implement construction of a new water reuse pipeline system from the Snapfinger or Pole Bridge Creek Wastewater Treatment Plant Facilities to North DeKalb County. <b>Reason for variance:</b> Project deferred pending completion of the Master Plan efforts with an estimated completion date of September 2019.
14	Water Meter Installation	\$ 7,000,000.00	\$5,750,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Install new water meters one-inch and below, as directed by the Department of Watershed Management. <b>Reason for variance:</b> Revised program budget to fund projects through mid-2019. Project will be funded with R&E.
15	Water Service Line Renewal - Annual	\$ 2,500,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Install new water service line renewal piping system as directed by the Department of Watershed Management. <b>Reason for variance:</b> Service renewal scope is being completed in conjunction with water meter replacements. Budget is included in Line 16. Project will be funded with R&E.
16	Water Meter Replacement	\$ 7,500,000.00	\$23,000,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Replace water meter and service line in the public <b>Reason for variance:</b> Revised program budget to fund projects through mid--2020. Project will be funded with R&E.
17	Vulnerability Assessment Study - Water	\$ 100,000.00	\$0.00	\$ -	\$ 100,000.00	\$ -	\$ (100,000.00)	<b>Project Description:</b> Perform additional vulnerability assessment study of the DeKalb County water distribution system. <b>Reason for variance:</b> Project deferred and budget transferred to higher priority projects.

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18	Water System Security Design & Implementation	\$ 7,500,000.00	\$1,704,800.00	\$ -	\$ 100,000.00	\$ -	\$ (100,000.00)	<b>Project Description:</b> Design and implement new security measures to protect the DeKalb County water distribution system, and prevent threats from terrorists or accidental contamination. <b>Reason for variance:</b> Project deferred until the completion of the Vulnerability Study.
19	Annual Water Construction Contract	\$ 16,928,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> Program budget is included in Line 82.
20	Subdivisions & Water Main Extensions	\$ 613,600.00	\$283,600.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Extend new water main to service subdivisions as directed by the Department of Watershed Management. <b>Reason for variance:</b> Project deferred.
21	Fireline Installation Contract	\$ 581,000.00	\$581,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Install new fireline system as directed by the Department of Watershed Management. <b>Reason for variance:</b> Project deferred.
22	Annual Engineering Contract	\$ 20,000,000.00	\$87,196,002.00	\$ 12,000,000.00	\$ 14,429,721.00	\$ 16,429,721.00	\$ 2,000,000.00	<b>Project Description:</b> Perform required engineering services to accommodate the ongoing, eight-year Capital Improvement Program, Consent Decree Program and the Operations Division within the Department of Watershed Management, as well as program overhead costs. <b>Reason for variance:</b> The program budget increased due to Program Management Consultant cost, DWM CIP staffing cost, and OCIP insurance premium. CIP PMT has been funded through 2018. Bond reallocation is to partially fund CD PMT 2018 cost.
23	County Main Renewal, County Forces	\$ 15,884,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> Program budget is included in Line 82.
24	Scott Blvd. Water Replacement (I, II, and III)	\$ 10,500,000.00	\$20,933,992.00	\$ 6,000,000.00	\$ 10,031,123.00	\$ 526,898.38	\$ (9,504,224.62)	<b>Project Description:</b> Replace the existing 30-inch Scott Blvd. Water Main pipeline system in four (4) phases, from North Druid Hills Road (near the North DeKalb Mall) to Maple Street, located in the city of Decatur. <b>Reason for variance:</b> The program budget increased based on current cost estimates for 3 of the 4 phases. Phase I is in construction which is included in Line 82. The bond fund reallocation is to cover the design work of Phase I, II and III.
25	Candler Road Water Main Replacement	\$ 15,000,000.00	\$6,376,744.00	\$ 3,000,000.00	\$ 5,522,163.00	\$ 5,232,528.42	\$ (289,634.58)	<b>Project Description:</b> Replace approximately one mile of 12-inch (diameter) water main pipeline and appurtenances on Candler Road, between Whites Mill Road and Glenwood Road. <b>Reason for variance:</b> Project is complete and is multi-funded.
26	Replace Glenwood 36" - 42" PCP Water Main	\$ 14,000,000.00	\$26,091,000.00	\$ -	\$ 3,510,302.00	\$ 305,260.00	\$ (3,205,042.00)	<b>Project Description:</b> Replace approximately 4 miles of 36-inch and 42-inch water main pipeline infrastructure on Glenwood Road, between McAfee Road and North Clarendon Avenue. <b>Reason for variance:</b> The program budget increased based on current cost estimate. The bond fund reallocation is to cover the design work.
27	Raw Water Pump Station and Line	\$ 5,000,000.00	\$1,148,772.00	\$ 2,407,000.00	\$ 1,595,223.00	\$ 983,040.58	\$ (612,182.42)	<b>Project Description:</b> Demolish the old raw water intake and pumping station facility near the Chattahoochee River. <b>Reason for variance:</b> Project is complete.
28	Raw Water Transmission Line	\$ 16,000,000.00	\$15,748,627.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Install approximately 2.5 miles of new 96-inch raw water transmission pipeline and appurtenances from the John A. Walker Pumping Station to the Scott Candler Water Treatment Plant facility. <b>Reason for variance:</b> Project is complete.
29	Additional Clearwells & Pumping Station	\$ 35,700,000.00	\$25,237,384.00	\$ 2,000,000.00	\$ 6,726,615.04	\$ 3,379,884.13	\$ (3,346,730.91)	<b>Project Description:</b> Provide additional clearwell infrastructure at the Scott Candler Water Treatment Plant Facility to increase regulatory compliance and provide appropriate redundancy to the existing water treatment system. <b>Reason for variance:</b> The program budget decreased due to the deferral of the original clearwell project. Intermediate fix is to utilize Scott Candler tanks No 1, 2, 3 and 5 for storage replacement.

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30	Replace Steel Drive Booster Station	\$ 2,600,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> Project deferred.
31	Water Resources Management Plan	\$ 3,000,000.00	\$3,052,000.00	\$ -	\$ 1,275,000.00	\$ -	\$ (1,275,000.00)	<b>Project Description:</b> Develop a 25-year water resources management master plan to assist the Department of Watershed Management with a continued supply of clean drinking water, and the collection, treatment and disposal of wastewater reliably and consistently. <b>Reason for variance:</b> Funded with R&E.
32	Vulnerability Assessment Study - Sewer	\$ 200,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> Project deferred, budget transferred to higher priority projects.
33	WW System Security Design & Installation	\$ 2,000,000.00	\$2,000,000.00	\$ -	\$ 120,000.00	\$ -	\$ (120,000.00)	<b>Project Description:</b> Design and install additional security measures in the DeKalb County wastewater collection and conveyance system to prevent terrorist attacks and accidental contamination from occurring. <b>Reason for variance:</b> Project deferred until the completion of the Vulnerability Study.
34	Manhole Raising Contract	\$ 12,500,000.00	\$6,298,277.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Adjust existing manhole rings, covers, and water valve chambers to grade, to accommodate Georgia DOT and DeKalb County roadway improvements. <b>Reason for variance:</b> Program budget decreased due to revised current cost.
35	Lift Station Radio Upgrade	\$ 750,000.00	\$560,214.00	\$ -	\$ -	\$ -	\$ -	Project is complete.
36	W/S Relocation Adjust for Roadway Projects	\$ 25,000,000.00	\$21,664,550.00	\$ -	\$ 4,160,000.00	\$ 4,947,382.00	\$ 787,382.00	<b>Project Description:</b> Perform existing water and sewer utility relocation projects between 2013 and 2020, in cooperation with DeKalb County and the GDOT. <b>Reason for variance:</b> Program budget estimate based on upcoming GDOT Roadway paving projects.
37	Pipe Bursting/Open-Cut Installation	\$ 65,000,000.00	\$18,912,066.00	\$ 2,000,000.00	\$ 15,966,149.00	\$ 2,382,640.41	\$ (13,583,508.59)	<b>Project Description:</b> Perform pipe bursting construction work to satisfy the Consent Decree and comply with other regulatory requirements. <b>Reason for variance:</b> Program budget decreased due to rehabilitation work reallocated to Line 44.
38	Manhole Rehabilitation	\$ 38,000,000.00	\$4,000,000.00	\$ 2,000,000.00	\$ 6,284,500.00	\$ 3,529,467.00	\$ (2,755,033.00)	<b>Project Description:</b> Perform manhole rehabilitation construction work to satisfy the Consent Decree and comply with other regulatory requirements. <b>Reason for variance:</b> Program budget decreased due to rehabilitation work reallocated to Line 44.
39	Pipecams	\$ 100,000.00	\$60,000.00	\$ -	\$ -	\$ -	\$ -	Project Complete
40	Smoke Testing	\$ 14,000,000.00	\$4,265,591.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Perform smoke testing of the existing DeKalb County Sewer Collection and Conveyance System, in conjunction with a sewer system evaluation survey (SSES), to satisfy the Consent Decree requirements. <b>Reason for variance:</b> Program budget decreased due to rehabilitation work reallocated to Line 44.
41	Service Lateral Maintenance & Rehabilitation	\$ 20,000,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Evaluate and rehabilitate existing DeKalb County sewer service laterals to correct existing defects. <b>Reason for variance:</b> Program budget decreased due to rehabilitation work reallocated to Line 44.
42	Closed-Circuit TV Inspection	\$ 60,000,000.00	\$37,473,034.00	\$ 5,000,000.00	\$ 10,586,300.00	\$ 10,118,168.13	\$ (468,131.87)	<b>Project Description:</b> Perform closed-circuit TV (CCTV) inspection of the existing sewer system to identify precise locations of defects for correction, in accordance with the Consent Decree. <b>Reason for variance:</b> Program budget decreased due to rehabilitation work reallocated to Line 44.
43	Flow Monitoring	\$ 17,500,000.00	\$8,684,654.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Obtain flow monitoring data to develop a hydraulic model system of the DeKalb County sewer system and comply with the existing Consent Decree. <b>Reason for variance:</b> Flow Monitoring now being performed in-house and is funded with R&E and operating funds.

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44	<b>CIPP Rehabilitation Work</b>	\$ 64,500,000.00	\$225,720,500.00	\$ 5,000,000.00	\$ 23,489,635.00	\$ 29,489,635.00	\$ 6,000,000.00	<b>Project Description:</b> Identify defects and perform sewer relining to extend the useful life of the existing sewer collection and conveyance system, and mitigate sanitary sewer overflows (SSOs) in accordance with the Consent Decree. <b>Reason for variance:</b> Program budget increased to include Line 38, 40 41 and 42. The bond reallocation include funding for the scope of work for CD Design-Build packages through 2018.
45	Vegetation Clearing	\$ 23,500,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Perform vegetation clearing of the existing DeKalb County sanitary sewer easements. <b>Reason for variance:</b> Program budget deferred.
46A	Water Hydro Modeling	\$ 9,000,000.00	\$1,518,040.00	\$ 6,000,000.00	\$ 3,500,000.00	\$ -	\$ (3,500,000.00)	<b>Project Description:</b> Implement a hydraulic modeling system of the DeKalb County water production plant facility and distribution system. <b>Reason for variance:</b> Program budget decreased due to revised current cost. Funded with R&E.
46B	Wastewater Hydro Modeling	\$ 9,000,000.00	\$3,293,168.00	\$ 4,000,000.00	\$ 2,380,880.00	\$ 2,660,996.64	\$ 280,116.64	<b>Project Description:</b> Implement a hydraulic modeling system of the DeKalb County wastewater treatment plant facility and conveyance system. <b>Reason for variance:</b> Program budget decreased due to revised current cost .
47	Lift Station Upgrade/Rehab	\$ 11,000,000.00	\$29,702,382.00	\$ -	\$ 4,735,424.00	\$ 5,156,341.82	\$ 420,917.82	<b>Project Description:</b> Evaluate and complete rehabilitative construction of the existing DeKalb County wastewater lift station facilities. <b>Reason for variance:</b> Program budget increased to include additional projects and to improve the failing infrastructure throughout the County.
48	Sewer Mapping and Manhole Inspect Study	\$ 20,000,000.00	\$15,100,000.00	\$ 15,000,000.00	\$ 15,000,000.00	\$ 15,000,000.00	\$ -	<b>Project Description:</b> Perform required sewer mapping and manhole inspection services for the remaining DeKalb County sub-basins to complete hydraulic modeling of the sewer collection and conveyance system. <b>Reason for variance:</b> Program budget decreased due to revised current cost.
49	City of Atlanta - WW SVCS/Clean Water Atlanta	\$ 90,955,000.00	\$117,332,449.00	\$ -	\$ 37,672,620.00	\$ 57,672,620.00	\$ 20,000,000.00	<b>Project Description:</b> In accordance with the existing intergovernmental agreement, provide required funding to compensate the City of Atlanta for collection, transmission, treatment and disposal of wastewater from DeKalb County. <b>Reason for variance:</b> Program budget based on City of Atlanta CIP current cost estimates.
50	City of Atlanta Renewal and Extension Expenditures	\$ 5,050,000.00	\$4,496,506.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Provide funding for current and future capital improvements in the City of Atlanta's wastewater treatment plant facilities, based on the existing intergovernmental agreement. <b>Reason for variance:</b> This is O&M cost funded and expended with R&E; future cost will be funded from the operating budget.
51	Snapfinger WWTP EXP CONST MGM	\$ 3,493,000.00	\$0.00	\$ 14,000,000.00	\$ -	\$ -	\$ -	<b>Project Description:</b> Construction management for the construction and commissioning of a new Snapfinger Creek Wastewater Treatment Plant facility. <b>Reason for variance:</b> Program budget transferred to Line 52B.
52A	Snapfinger WWTP EXP - Phase I	\$ -	\$8,947,601.00	\$ 11,000,000.00	\$ 9,258,492.00	\$ 8,501,538.62	\$ (756,953.38)	<b>Project Description:</b> Construct and commission a new, Snapfinger Creek Wastewater Treatment Plant facility at 4121 Flakes Mill Road, Decatur. The plant will include pretreatment, primary, secondary and tertiary wastewater treatment facilities and wastewater laboratory building. Decommissioning and deactivating of the existing Snapfinger Creek Wastewater Treatment Plant facility will occur after the new wastewater treatment plant facility is fully commissioned. <b>Reason for variance:</b> Project is complete.
52B	Snapfinger WWTP EXP - Phase II	\$ 275,000,000.00	\$226,100,596.00	\$ 225,481,705.00	\$ 79,611,871.21	\$ 93,650,231.84	\$ 14,038,360.63	<b>Reason for variance:</b> Program budget decreased based on revised current cost. Increased bond allocation to cover cost through 2nd quarter 2018.

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52C	Snapfinger WWTP EXP - Phase III	\$ 100,000,000.00	\$0.00	\$ -	\$ 4,000,000.00	\$ -	\$ (4,000,000.00)	<b>Project Description:</b> NA. <b>Reason for variance:</b> Project deferred.
53	Pole Bridge WWTP EXP - Const. Management	\$ 4,196,758.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Construction management for the rehabilitative construction work at Pole Bridge Creek Wastewater Treatment Plant facility. <b>Reason for variance:</b> Program budget transferred to Line 54.
54	Pole Bridge WWTP EXP - Construction	\$ 60,600,000.00	\$7,123,142.00	\$ 20,000,000.00	\$ 3,863,161.00	\$ 2,575,817.94	\$ (1,287,343.06)	<b>Project Description:</b> Perform the following rehabilitative construction work at the existing Pole Bridge Creek Wastewater Treatment Plant facility: wastewater laboratory expansion, plant electrical substation improvements, influent pump station improvements, existing aeration facility improvements, biosolids handling improvements and other plant facility improvements. <b>Reason for variance:</b> Program budget transferred to higher priority projects; bond reallocation budget is to fund the Pole Bridge Safety project.
55	Snapfinger/Pole Bridge Tunnel Design/Bid	\$ 300,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> This project has been eliminated from the 8-year CIP plan
56	Snapfinger/Pole Bridge Tunnel Const. Management	\$ -	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> This project has been eliminated from the 8-year CIP plan
57	Snapfinger/Pole Bridge Tunnel Construction	\$ -	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> This project has been eliminated from the 8-year CIP plan
58	CIP Upgrade to Jackson Creek - Gwinnett	\$ 3,100,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> This project has been eliminated from the 8-year CIP plan
59	Redirect Flow from Gwinnett to Shoals Creek	\$ -	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> This project has been eliminated from the 8-year CIP plan
60	Lower Crooked Creek Lift Station Flow Monitoring	\$ 600,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> This project has been eliminated from the 8-year CIP plan
61	Lower Crooked Creek Lift Station Upgrade	\$ 11,600,000.00	\$7,000,000.00	\$ -	\$ 130,466.00	\$ -	\$ (130,466.00)	<b>Project Description:</b> Perform rehabilitation and flood-mitigation construction of the existing Lower Crooked Creek No. 1 Lift Station facility. Also, replace the existing force main and gravity sewer pipeline system south of the Lower Crooked Creek Lift Station No. 3 facility. <b>Reason for variance:</b> Program budget decreased due to revised current cost. Project funded with R&E.
62	Stonecrest Sanitary Sewer Improvement - Design	\$ 2,500,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Replace the existing Johnson Creek and Lithonia Pump Station facilities and force main and gravity pipeline system, north of the present Honey Creek Sewer Pump Station facility. <b>Reason for variance:</b> Program budget transferred to Line 63.
63	Stonecrest Sanitary Sewer Upgrade	\$ 32,000,000.00	\$42,377,775.00	\$ 6,500,000.00	\$ 8,772,026.00	\$ 16,102,969.88	\$ 7,330,943.88	<b>Project Description:</b> Replace the existing Johnson Creek and Lithonia Pump Station facilities and force main and gravity pipeline system, north of the present Honey Creek Sewer Pump Station facility. <b>Reason for variance:</b> Program budget increased based on revised current cost; hence an increase in the bond allocation budget.
64	Snapfinger SCADA - Const. Project	\$ 750,000.00	\$750,000.00	\$ -	\$ -	\$ -	\$ -	Project is Complete.
65	Portable Bypass Pumps	\$ 500,000.00	\$500,000.00	\$ -	\$ -	\$ -	\$ -	Project is Complete.
66	Honey Creek Lift Station Upgrade - Design	\$ 1,300,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> Program budget transferred to Line 67.

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67	Honey Creek Lift Station Upgrade - Construction	\$ 14,700,000.00	\$33,300,000.00	\$ -	\$ 16,800,000.00	\$ 21,409,975.05	\$ 4,609,975.05	<b>Project Description:</b> Evaluate and design the required upgrade to the existing Honey Creek Lift Station facility, in an attempt to better collect and transport sewer flows to the Pole Bridge Creek WWTP facility for treatment and disposal. <b>Reason for variance:</b> Program budget increased based on revised current cost and additional scope for the gravity sewer and force main replacement; hence an increase in the bond allocation budget.
68	Roadhaven Building Fund	\$ 6,500,000.00	\$11,249,709.00	\$ 1,000,000.00	\$ 6,945,997.00	\$ 2,149,906.19	\$ (4,796,090.81)	<b>Project Description:</b> Provide new parking facility to augment employee parking at the DWM Roadhaven Drive complex. <b>Reason for variance:</b> Program budget increased based on revised current cost. Building lease will be covered by R&E resulting in a decrease in the bond allocation.
69	Water Interconnections	\$ 25,000,000.00	\$5,692,500.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Evaluate, identify, design and implement strategic water interconnection points with neighboring jurisdictions, in an attempt to comply with the current Metropolitan North Georgia Water Planning District Water Supply and Conversation Management Plan. <b>Reason for variance:</b> Project deferred.
70	Program Mod./Capital/Fleet Contribution	\$ 30,692,000.00	\$8,000,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Provide fleet of equipment and vehicles, as required, to continue support services for the Department of Watershed Management. <b>Reason for variance:</b> Program budget decreased due to reprioritization of projects. Future projects will be funded with R&E.
71	Sewer Cleaning Equipment	\$ 5,000,000.00	\$3,750,000.00	\$ -	\$ 1,250,000.00	\$ -	\$ (1,250,000.00)	<b>Project Description:</b> Identify and procure required sewer cleaning equipment to advance the existing CMOM program, prevent spills from occurring in the sewer collection and conveyance system, and satisfy the CD requirements. <b>Reason for variance:</b> Program budget decreased due to reprioritization; will be funded by operating fund.
72	DWM Business Plan	\$ 500,000.00	\$500,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Develop and maintain a five-year business plan for the Department of Watershed Management Department to support the operations and decision-making practices around predetermined levels of service goals. <b>Reason for variance:</b> NA
73	Septic Tank Elimination Program	\$ 5,450,000.00	\$2,500,000.00	\$ -	\$ 500,000.00	\$ -	\$ (500,000.00)	<b>Project Description:</b> Implement a Septic Tank Elimination Program (STEP) to provide funding and support for the elimination of identified failing septic tank systems in DeKalb County. <b>Reason for variance:</b> Project deferred until 2018.
74	Fire Hydrant Repair/Replacement - Annual	\$ 7,500,000.00	\$11,250,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Implement the ongoing DeKalb County Fire Hydrant Repair and Replacement Program to repair and/or replace defective fire hydrants in water distribution system. <b>Reason for variance:</b> Program budget increased based on revised current cost. Project funded with R&E.
75	Sanitary Sewer Extension	\$ 7,500,000.00	\$1,750,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Extend new sewer main to service DeKalb County subdivisions, as directed by the Department of Watershed Management <b>Reason for variance:</b> Program budget increase based on revised current cost. Project funded with R&E.
76	Fill Valves - Dunwoody and Tucker Tank	\$ 600,000.00	\$2,088,227.00	\$ -	\$ 2,012,666.00	\$ 288,800.00	\$ (1,723,866.00)	<b>Project Description:</b> Implement and install fill and flow control valves to the Dunwoody and Tucker elevated tank system, in an attempt to monitor potential overflow conditions and satisfy minimum water supply pressure, in accordance with the State of Georgia EPD requirements. <b>Reason for variance:</b> Program budget increase based on revised current cost.

## CIP Budget and Bond Reallocation Update

CIP #	Project Name	Original Budget Total (2010)	Updated Budget Total (2017)	Original Bond Allocation (Year 2011)	Reallocation of 2011 Bond Funds (Year 2015)	Reallocation of 2011 Bond Funds (Year 2017)	2011 Bond Budget Adjustments +/-	Comments
77	72" Water Trans. Main Eng. Design Feasibility Study	\$ 1,500,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Conduct an engineering design feasibility study for the installation of the new 72-inch water transmission main between the Scott Candler Water Treatment Plant and the City of Decatur, in an attempt to provide adequate potable water service within the City of Decatur and surrounding areas. <b>Reason for variance:</b> Pending completion of the Master Plan efforts with an estimated completion date of September 2019.
78	Snapfinger Lime Pumping System Upgrade	\$ 750,000.00	\$0.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> NA. <b>Reason for variance:</b> Program budget decreased due to project funded with operating funds.
79	Snapfinger Alum Tank Addition	\$ 250,000.00	\$442,000.00	\$ -	\$ 442,000.00	\$ -	\$ (442,000.00)	<b>Project Description:</b> The alum tank addition will not be required with construction of the new Snapfinger Creek AWWTP facility. <b>Reason for variance:</b> Project is complete. Program budget increase based on revised current cost.
80	Water Loss Audit Implementation	\$ 400,000.00	\$400,000.00	\$ -	\$ -	\$ -	\$ -	<b>Project Description:</b> Implement the recommendation provided in the current Water Loss Audit Report and continue enhanced studies in order to reduce nonrevenue water losses and other system losses by the water utility. <b>Reason for variance:</b> NA.
81	ORACLE Billing System	\$ 3,000,000.00	\$7,197,965.00	\$ 4,000,000.00	\$ 9,110,401.00	\$ 9,110,401.00	\$ -	<b>Project Description:</b> Purchase and implement the latest Oracle Customer Care & Billing System to serve the Department of Watershed Management's customers by: 1) converting to a monthly billing cycle, 2) linking the work and maintenance management systems, and 3) generating essential reports for county use, regulatory bodies and other stakeholders. <b>Reason for variance:</b> Program budget increased based on revised current cost. Customer service operations & billing systems; 311 call center; system integration for Consent Decree compliance (CMMS, GIS, Infomaster).
82	Asbestos Cement (A/C) Line Replacement	\$ 5,000,000.00	\$221,234,080.00	\$ 35,000,000.00	\$ 67,874,723.75	\$ 73,152,774.80	\$ 5,278,051.05	<b>Project Description:</b> Identify and replace the existing Asbestos Cement (A/C) water pipelines in the DeKalb County water distribution system. <b>Reason for variance:</b> Program budget increased due to replacement of waterline projects which were highly under estimated due to aging pipes. This project budget will also fund the Annual Water & Sewer contracts.
83	Watershed Improvement Projects	\$ 12,660,000.00	\$3,901,781.00	\$ 2,000,000.00	\$ 4,626,852.00	\$ 1,020,927.89	\$ (3,605,924.11)	<b>Project Description:</b> Identify, prioritize and implement required DeKalb County watershed improvement projects and programs to achieve relevant and measurable results. <b>Reason for variance:</b> Program budget decreased based on revised current cost.
N/A	Funds Available for Reallocation	\$ -					\$ -	
	<b>TOTAL</b>	<b>\$ 1,345,325,358.00</b>	<b>\$1,345,325,358.00</b>	<b>\$ 394,481,705.00</b>	<b>\$ 394,481,705.00</b>	<b>\$ 394,481,705.00</b>	<b>\$ 0.00</b>	

\*\*\*\*TBA - To be Assigned

Denotes Consent Decree projects