

APPENDIX

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DETAILED COST ESTIMATE



**CITY OF HOGANSVILLE
WATER SYSTEM IMPROVEMENTS
PRELIMINARY COST ESTIMATE - BASS CROSS ROAD/MONTVILLE ROAD/GATES RD.**

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1.			PVC WATER LINE		
(a)	4,900	L.F.	8" Pipe Line	18	88,200
(b)	12,300	L.F.	10" Pipe Line	22	270,600
(c)	4,800	L.F.	12" Pipe Line	28	134,400
2.	4	EA.	AIR RELEASE VALVES AND MANHOLES	2000	8,000
3.			RESILIENT SEATED GATE VALVES		
(a)	5	Ea.	8" G.V. & V.B.	900	4,500
(b)	14	Ea.	10" G.V. & V.B.	1200	16,800
(c)	8	Ea.	12" G.V. & V.B.	1500	12,000
4.	220	L.F.	6" Pipe Line D.I. / F.H. Lead	25	5,500
5.	2	Ton	MECHANICAL JOINT FITTINGS	5000	10,000
6.	22	Ea.	FIRE HYDRANT (3-WAY)	2250	49,500
7.			CONNECT TO EXISTING LINES		
(a)	1	Ea.	10" Connection	2000	2,000
(b)	2	Ea.	8" Connection	2000	4,000
8.			REMOVE & REPLACE PAVEMENT		
(a)	100	L.F.	Asphalt Roadway	40	4,000
(b)	200	L.F.	Asphalt Driveway	30	6,000
(c)	200	L.F.	Asphalt Gravel Road Mix	30	6,000
9.			SOIL EROSION AND SEDIMENT CONTROL		
(a)	22,000	L.F.	Grassing for Water Mains	1	22,000
(b)	5,000	L.F.	Silt Fence	3	15,000
(c)	100	Ea.	Haybale Check Dam	30	3,000
(d)	40	Ea.	Stone Check Dam	100	4,000
Total Estimated Cost - Water Lines from LaGrange Connection to Interstate Tank					665,500

**CITY OF HOGANSVILLE
WATER SYSTEM IMPROVEMENTS
PRELIMINARY COST ESTIMATE - REHABILITATE SELECT WATER LINES**

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1.			PVC WATER LINE		
(a)	28,600	L.F.	6" Pipe Line	15	429,000
2.			RESILIENT SEATED GATE VALVES		
(a)	48	Ea.	6" G.V. & V.B.	700	33,600
3.		5 Tons	MECHANICAL JOINT FITTINGS	5,000	25,000
4.			CONNECT TO EXISTING LINES		
(a)	2	Ea.	10" Connection	2,000	4,000
(b)	4	Ea.	8" Connection	2,000	8,000
(c)	16	Ea.	6" Connection	2,000	32,000
(d)	6	Ea.	4" Connection or Smaller	2,000	12,000
5.			REMOVE & REPLACE PAVEMENT		
(a)	1,700	L.F.	Asphalt Roadway	40	68,000
(b)	1,500	L.F.	Asphalt Driveway	30	45,000
(c)	500	L.F.	Asphalt Gravel Road Mix	30	15,000
6.			SOIL EROSION AND SEDIMENT CONTROL		
(a)	27,000	L.F.	Grassing for Water Mains	1	27,000
(b)	7,000	L.F.	Silt Fence	3	21,000
(c)	200	Ea.	Haybale Check Dam	30	6,000
Total Estimated Cost - Rehabilitate Select Water Lines					<u>725,600</u>

**CITY OF HOGANSVILLE
WATER SYSTEM IMPROVEMENTS
PRELIMINARY COST ESTIMATE - ELEVATED TANK AND BOOSTER PUMP / GROUND TANK**

ITEM			UNIT	TOTAL
NO.	QTY.	UNIT	DESCRIPTION	PRICE
1.			500,000 GALLON ELEVATED STORAGE TANK	
(a)	1	EA.	Tank Erection	1,020,000
(b)	1	LS	Site Preparation	30,000
(c)	1	LS	Foundation and Site Piping	50,000
2.		1 EA	250 GPM Booster Pump Station	175,000
3.			50,000 GALLON GROUND STORAGE TANK	
(a)	1	EA.	Tank Erection	50,000
(b)	1	LS	Site Preparation	20,000
(c)	1	LS	Foundation and Site Piping	30,000
4.		1 LS	SCADA Upgrades	10,000
5.		1 EA.	REPLACE EXISTING CONTROL VALVE	5,000
Total Estimated Cost - Booster Pump Station / Ground Tank				<u>1,390,000</u>

**CITY OF HOGANSVILLE
WATER SYSTEM IMPROVEMENTS
PRELIMINARY COST ESTIMATE - METER UPGRADES**

ITEM NO.	QTY. UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1.		REPLACEMENT METERS		
(a)	1,458 Ea.	3/4 x 5/8 Meters	275	400,950
(b)	34 Ea.	1" Meters	800	27,200
(c)	15 Ea.	2" Meters	2,000	30,000
(d)	2 Ea.	3" Meters	2,500	5,000
2.				
(a)	700 Ea.	Backflow Preventers	75	52,500
(b)	350 Ea.	Meter Box Replacement	35	12,250
(c)	140 Ea.	Lid Replacement	15	2,100
3		RADIO READ SOFTWARE & HARDWARE		
(a)	1 LS	Software License	25,000	25,000
(b)	1 LS	Integration with Existing Billing Software	15,000	15,000

Total Estimated Cost - Meter Upgrades

570,000

PRESENT WORTH COST ANALYSIS



Construction Cost Estimate

Project Name: City of Hogansville, GA
Alternative A1: Replace Water Distribution System

Planning period (years): 20
Initial Year: 2018

Estimated Construction Costs

Water Line Rehab and Replacement	725,600
Meter Installation	570,000
500,000 Gal. Elevated Tank	1,100,000
Booster Pump Station / 50,000 Gal. Ground Tank	275,000
Bass Cross Road Water Line	665,500
SCADA Upgrade / Replace Control Valve	15,000
Total Estimated Construction Costs	<u>3,351,100</u>

Contingencies	334,900
Engineering	226,600
Inspection	100,400
Permits, Right-of-way Certification	10,000
PER	12,500
ENV	7,500
Legal / Administrative	80,000
Total Estimated Project Cost	<u>4,123,000</u>

Scope of Work:

- 1 Construct 500,000 gallon elevated tank
- 2 Construct booster pump station and ground tank
- 3 install radio read meters
- 4 rehabilitate the distribution system

Includes entire project as proposed in Preliminary Engineering Report

Cost Effective Analysis

Project Name: City of Hogansville, GA
Alternative A1: Replace Water Distribution System

Planning period (years): 20
Initial Year: 2018

Itemized Depreciation:	Initial Costs	Useful Life (years)	Salvage Value (%)	Salvage Value
1. Water Line Rehab and Replacement	725,600	40	0	-
2. Meter Installation	570,000	20	20	114,000
3. 500,000 Gal. Elevated Tank	1,100,000	40	30	330,000
4. Booster Pump Station / 50,000 Gal. Ground Tank	275,000	20	20	55,000
5. Bass Cross Road Water Line	665,500	40	0	-
6. SCADA Upgrade / Replace Control Valve	15,000	10	10	1,500

Estimate of Additional Operation and Maintenance Costs

Distribution System Repair & Maintenance	-\$20,000
Elevated Tank Maintenance	\$10,000
Administration	\$0
Water Purchase Costs	-\$268,000
Energy Costs	\$2,500
Total Additional Costs	-\$275,500
Existing Water O&M Costs	\$982,652
Total Overall Water O&M Costs	<u><u>\$707,152</u></u>

Average Equivalent Annual Cost

Project Name: City of Hogansville, GA

Alternative A1: Replace Water Distribution System

Planning Period	20 years
Construction Period	1
Initial Cost of Project	\$4,123,000
Replacement Cost at Year 5	\$20,000
Replacement Cost at year 10	\$50,000
Replacement Cost at Year 15	\$20,000
Salvage Value at year 20	\$500,500
Constant Annual O&M Cost	\$707,152
Variable Annual O&M Cost	\$0

Discount Rate from OMB Circ. A-94 1.20%

Determine Present Worth & average Equivalent Annual Cost of this Alternate over 20 years

Factors:	20 years	1.20%
Present Worth of Constant annual O&M cost (P/A):		17.68730
PW of variable annual O&M cost (annual increase) (P/G):		161.02077
Present Worth of Replacement Cost – Year 5 (P/F):		0.94210
Present Worth of Replacement Cost – Year 10 (P/F):		0.88755
Present Worth of Replacement Cost – Year 15 (P/F):		0.83617
Present Worth of salvage value - Year 20:		0.78775
Interest During Construction:		\$37,107

Equivalent Annual Cost = Total Present Worth * (A/P)

Calculations – Present Worth

Initial Cost of Project	\$4,123,000
Constant O&M	\$12,507,608
Variable O&M	0
Replacement Cost	\$79,943
Salvage Value	(\$394,270)
Interest During Construction	\$37,107
Tap Fees	0
Service Fee Present Worth	0
Total Present Worth	<u><u>\$16,353,388</u></u>

Average Equivalent Annual Cost **\$924,584**

Construction Cost Estimate

Project Name: City of Hogansville, GA
Alternative A2: Construct Storage and Pumps Only

Planning period (years): 20
Initial Year: 2018

Estimated Construction Costs

Water Line Rehab and Replacement	-
Meter Installation	-
500,000 Gal. Elevated Tank	1,100,000
Booster Pump Station / 50,000 Gal. Ground Tank	275,000
Bass Cross Road Water Line	665,500
SCADA Upgrade / Replace Control Valve	-
Total Estimated Construction Costs	<u>2,040,500</u>

Contingencies	204,050
Engineering	163,240
Inspection	61,215
Permits, Right-of-way Certification	2,500
PER	12,500
ENV	7,500
Legal / Administrative	60,000
Total Estimated Project Cost	<u>2,551,505</u>

Scope of Work:

- 1 Construct 500,000 gallon elevated tank
- 2 Construct booster pump station and ground tank

Includes project as proposed in Preliminary Engineering Report without rehabilitation of the water system and replacement of meters

Cost Effective Analysis

Project Name: City of Hogansville, GA
Alternative A2: Construct Storage and Pumps Only

Planning period (years): 20
Initial Year: 2018

Itemized Depreciation:	Initial Costs	Useful Life (years)	Salvage Value (%)	Salvage Value
1. Water Line Rehab and Replacement	-	40	0	-
2. Meter Installation	-	20	20	-
3. 500,000 Gal. Elevated Tank	1,100,000	40	30	330,000
4. Booster Pump Station / 50,000 Gal. Ground Tank	275,000	20	20	55,000
5. Bass Cross Road Water Line	665,500	40	0	-
6. SCADA Upgrade / Replace Control Valve	-	10	10	-

Estimate of Additional Operation and Maintenance Costs

Distribution System Repair & Maintenance	\$0
Elevated Tank Maintenance	\$10,000
Administration	\$0
Water Purchase Costs	\$0
Energy Costs	\$2,500
Total Additional Costs	\$12,500
Existing Water O&M Costs	\$982,652
Total Overall Water O&M Costs	\$995,152

Average Equivalent Annual Cost

Project Name: City of Hogansville, GA

Alternative A2: Construct Storage and Pumps Only

Planning Period	20 years
Construction Period	1
Initial Cost of Project	\$2,551,505
Replacement Cost at Year 5	\$0
Replacement Cost at year 10	\$15,000
Replacement Cost at Year 15	\$0
Salvage Value at year 20	\$385,000
Constant Annual O&M Cost	\$995,152
Variable Annual O&M Cost	\$0

Discount Rate from OMB Circ. A-94 1.20%

Determine Present Worth & average Equivalent Annual Cost of this Alternate over 20 years

Factors:	20 years	1.20%
Present Worth of Constant annual O&M cost (P/A):		17.68730
PW of variable annual O&M cost (annual increase) (P/G):		161.02077
Present Worth of Replacement Cost – Year 5 (P/F):		0.94210
Present Worth of Replacement Cost – Year 10 (P/F):		0.88755
Present Worth of Replacement Cost – Year 15 (P/F):		0.83617
Present Worth of salvage value - Year 20:		0.78775
Interest During Construction:		\$22,964

Equivalent Annual Cost = Total Present Worth * (A/P)

Calculations – Present Worth

Initial Cost of Project	\$2,551,505
Constant O&M	\$17,601,550
Variable O&M	0
Replacement Cost	\$13,313
Salvage Value	(\$303,285)
Interest During Construction	\$22,964
Tap Fees	0
Service Fee Present Worth	0
Total Present Worth	<u>\$19,886,047</u>

Average Equivalent Annual Cost **\$1,124,312**

Construction Cost Estimate

Project Name: City of Hogansville, GA
Alternative B1: BPS and 50k Storage Tank

Planning period (years): 20
Initial Year: 2018

Estimated Construction Costs

Water Line Rehab and Replacement	
Meter Installation	
500,000 Gal. Elevated Tank	
Booster Pump Station / 50,000 Gal. Ground Tank	275,000
Bass Cross Road Water Line	665,500
SCADA Upgrade / Replace Control Valve	10,000
Total Estimated Construction Costs	<u>950,500</u>

Contingencies	95,050
Engineering	85,545
Inspection	28,515
Permits, Right-of-way Certification	5,000
PER	12,500
ENV	7,500
Legal / Administrative	25,000
Total Estimated Project Cost	<u>1,209,610</u>

Scope of Work

- 1 Construct Booster Pump Station and Ground Storage Tank to pump to Interstate Tank along Bass Cross Road.

Cost Effective Analysis

Project Name: City of Hogansville, GA
Alternative B1: BPS and 50k Storage Tank

Planning period (years): 20
Initial Year: 2018

Itemized Depreciation:	Initial Costs	Useful Life (years)	Salvage Value (%)	Salvage Value
1. Water Line Rehab and Replacement	-	40	0	-
2. Meter Installation	-	20	20	-
3. 500,000 Gal. Elevated Tank	-	40	30	-
4. Booster Pump Station / 50,000 Gal. Ground Tank	275,000	20	20	55,000
5. Bass Cross Road Water Line	665,500	40	0	-
6. SCADA Upgrade / Replace Control Valve	10,000	10	10	1,000

Estimate of Additional Operation and Maintenance Costs

Distribution System Repair & Maintenance	\$0
Elevated Tank Maintenance	\$0
Administration	\$0
Water Purchase Costs	\$0
Energy Costs	\$2,500
Total Additional Costs	\$2,500
Existing Water O&M Costs	\$982,652
Total Overall Water O&M Costs	\$985,152

Average Equivalent Annual Cost

Project Name: City of Hogansville, GA
Alternative B1: BPS and 50k Storage Tank

Planning Period	20 years
Construction Period	1
Initial Cost of Project	\$1,209,610
Replacement Cost at Year 5	\$0
Replacement Cost at year 10	\$25,000
Replacement Cost at Year 15	\$0
Salvage Value at year 20	\$56,000
Constant Annual O&M Cost	\$985,152
Variable Annual O&M Cost	\$0

Discount Rate from OMB Circ. A-94 1.20%

Determine Present Worth & average Equivalent Annual Cost of this Alternate over 20 years

Factors:	20 years	1.20%
Present Worth of Constant annual O&M cost (P/A):		17.68730
PW of variable annual O&M cost (annual increase) (P/G):		161.02077
Present Worth of Replacement Cost – Year 5 (P/F):		0.94210
Present Worth of Replacement Cost – Year 10 (P/F):		0.88755
Present Worth of Replacement Cost – Year 15 (P/F):		0.83617
Present Worth of salvage value - Year 20:		0.78775
Interest During Construction:		\$10,886

Equivalent Annual Cost = Total Present Worth * (A/P)

Calculations – Present Worth

Initial Cost of Project	\$1,209,610
Constant O&M	\$17,424,677
Variable O&M	0
Replacement Cost	\$22,189
Salvage Value	(\$44,114)
Interest During Construction	\$10,886
Tap Fees	0
Service Fee Present Worth	0
Total Present Worth	<u><u>\$18,623,248</u></u>

Average Equivalent Annual Cost **\$1,052,917**

Construction Cost Estimate

Project Name: City of Hogansville, GA Planning period (years): 20
Alternative B2: BPS and New 8" Line to LaGrange Tank Initial Year: 2018

Estimated Construction Costs

Water Line Rehab and Replacement	-
Meter Installation	-
Increase Line Size to LaGrange Tank (50,000 LF)	1,000,000
Booster Pump Station	175,000
Bass Cross Road Water Line	665,500
SCADA Upgrade / Replace Control Valve	10,000
 Total Estimated Construction Costs	 <u>1,850,500</u>

Contingencies	185,050
Engineering	166,545
Inspection	55,515
Permits, Right-of-way Certification	15,000
PER	12,500
ENV	7,500
Legal / Administrative	40,000
 Total Estimated Project Cost	 <u>2,332,610</u>

Scope of Work

- 1 Construct Booster Pump Station with no Ground Storage Tank but instead increase line sizes back to LaGrange tank to get more volume.

Cost Effective Analysis

Project Name: City of Hogansville, GA
Alternative B2: BPS and New 8" Line to LaGrange Tank

Planning period (years): 20
Initial Year: 2018

Itemized Depreciation:	Initial Costs	Useful Life (years)	Salvage Value (%)	Salvage Value
1. Water Line Rehab and Replacement	-	40	0	-
2. Meter Installation	-	20	20	-
3. Increase Line Size to LaGrange Tank (50,000 LF)	1,000,000	40	0	-
4. Booster Pump Station	175,000	20	20	35,000
5. Bass Cross Road Water Line	665,500	40	0	-
6. SCADA Upgrade / Replace Control Valve	10,000	10	10	1,000

Estimate of Additional Operation and Maintenance Costs

Distribution System Repair & Maintenance	\$0
Elevated Tank Maintenance	\$0
Administration	\$0
Water Purchase Costs	\$0
Energy Costs	\$2,500
Total Additional Costs	\$2,500
Existing Water O&M Costs	\$982,652
Total Overall Water O&M Costs	\$985,152

Average Equivalent Annual Cost

Project Name: City of Hogansville, GA
Alternative B2: BPS and New 8" Line to LaGrange Tank

Planning Period	20 years
Construction Period	1
Initial Cost of Project	\$2,332,610
Replacement Cost at Year 5	\$0
Replacement Cost at year 10	\$25,000
Replacement Cost at Year 15	\$0
Salvage Value at year 20	\$36,000
Constant Annual O&M Cost	\$985,152
Variable Annual O&M Cost	\$0

Discount Rate from OMB Circ. A-94 1.20%

Determine Present Worth & average Equivalent Annual Cost of this Alternate over 20 years

Factors:	20 years	1.20%
Present Worth of Constant annual O&M cost (P/A):		17.68730
PW of variable annual O&M cost (annual increase) (P/G):		161.02077
Present Worth of Replacement Cost – Year 5 (P/F):		0.94210
Present Worth of Replacement Cost – Year 10 (P/F):		0.88755
Present Worth of Replacement Cost – Year 15 (P/F):		0.83617
Present Worth of salvage value - Year 20:		0.78775
Interest During Construction:		\$20,993

Equivalent Annual Cost = Total Present Worth * (A/P)

Calculations – Present Worth

Initial Cost of Project	\$2,332,610
Constant O&M	\$17,424,677
Variable O&M	0
Replacement Cost	\$22,189
Salvage Value	(\$28,359)
Interest During Construction	\$20,993
Tap Fees	0
Service Fee Present Worth	0
Total Present Worth	<u>\$19,772,110</u>

Average Equivalent Annual Cost **\$1,117,871**

**CERTIFIED BID TABULATIONS FROM
SIMILAR PROJECTS**



G. BEN TURNIPSEED ENGINEERS, INC.
 ATLANTA, GEORGIA
 LONG COUNTY BOARD OF EDUCATION
 WATER SYSTEM IMPROVEMENTS
 WATER LINE TO LONG COUNTY HIGH SCHOOL
 Project No.: 131842
 Bids Received March 21, 2013

BID TABULATION

THIS IS TO CERTIFY THAT
 THIS IS A CORRECT TABULATION

Christopher B. Fuje
 Christopher B. Fuje, P.E.

LONG COUNTY BOARD OF EDUCATION
 WSL/WATER LINE TO LONG COUNTY HIGH SCHOOL

Underground Excavating, Inc.
 Patterson, Georgia

Elmer Thrift Construction Co., Inc.
 Waycross, Georgia

For furnishing all materials and equipment and performing all labor necessary for constructing the Water System Improvements as shown on the Drawings and as specified for the following unit prices and approximate quantities shown.

A. Water Line					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ITEM NO.	QTY.	UNITS	DESCRIPTION					
1.			PVC WATER LINE CLASS 150 SDR 18					
a.	6,839	LF	10-inch Pipe Line	\$19.50	\$133,360.50	\$24.00	\$164,136.00	
2.			DUCTILE IRON WATER LINE					
a.	35	LF	6-inch Pipe Line and/or F.H. Lead	\$30.00	\$1,050.00	\$25.00	\$875.00	
3.			HDPE WATER LINE (Install by Directional Bore)					
a.	100	LF	10-inch Pipe Line	\$64.00	\$6,400.00	\$100.00	\$10,000.00	
4.	1.5	TON	MECHANICAL JOINT FITTINGS	\$10,000.00	\$15,000.00	\$8,000.00	\$12,000.00	
5.	15	CY	CONCRETE BLOCKING	\$200.00	\$3,000.00	\$150.00	\$2,250.00	
6.			RESILIENT SEATED GATE VALVES					
a.	8	EA	10-inch G.V. and V.B.	\$1,750.00	\$14,000.00	\$1,500.00	\$12,000.00	
b.	7	EA	6-inch G.V. and V.B.	\$850.00	\$5,950.00	\$800.00	\$5,600.00	
7.	7	EA	FIRE HYDRANT (3 WAY)	\$2,650.00	\$18,550.00	\$2,000.00	\$14,000.00	
8.			CONNECT TO EXISTING WATER LINES					
a.	1	EA	8-inch	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	
b.	1	EA	6-inch	\$750.00	\$750.00	\$1,800.00	\$1,800.00	
9.			HIGHWAY CROSSINGS					
a.	70	LF	16-inch Steel Casing (0.312 wt.) (Install by Jack and Bore)	\$180.00	\$12,600.00	\$120.00	\$8,400.00	
10.			REMOVE AND REPLACE					
a.	200	LF	Asphalt Roadway	\$22.00	\$4,400.00	\$16.00	\$3,200.00	
b.	185	LF	Asphalt Parking	\$44.00	\$8,140.00	\$16.00	\$2,960.00	
c.	40	LF	Asphalt Driveway	\$22.00	\$880.00	\$16.00	\$640.00	
d.	15	LF	Concrete Driveway	\$40.00	\$600.00	\$16.00	\$240.00	
e.	125	LF	Gravel	\$15.00	\$1,875.00	\$10.00	\$1,250.00	
11.			SOIL EROSION AND SEDIMENT CONTROL					
a.	6,300	LF	Grassing for Water Mains	\$0.50	\$3,150.00	\$0.25	\$1,575.00	
b.	160	LF	Silt Fence, Type "C"	\$2.50	\$400.00	\$4.00	\$640.00	
c.	7	EA	Haybale Check Dam, CdHb	\$25.00	\$175.00	\$30.00	\$210.00	
d.	1	EA	Stone Check Dam, Cd-S	\$350.00	\$350.00	\$150.00	\$150.00	
e.	40	LF	Matting, Mb	\$1.00	\$40.00	\$10.00	\$400.00	
Subtotal Amount Bid, Section 'A', Items 1 through 11, Inclusive, the amount of:					\$231,670.50		\$244,326.00	

LONG COUNTY BOARD OF EDUCATION
WSL/WATER LINE TO LONG COUNTY HIGH SCHOOL

Underground Excavating, Inc.
Patterson, Georgia

Elmer Thrift Construction Co., Inc.
Waycross, Georgia

B. Altitude Valve Vault

For furnishing all materials and equipment and performing all labor necessary for an altitude valve vault including altitude valve, piping and appurtenances, earth excavation, dewatering, backfill, grading, concrete, piping, supports, crushed stone bedding, painting and other work and appurtenances as shown on the Drawings and/or specified, the lump sum amount of:

\$30,000.00

\$25,000.00

TOTAL AMOUNT BID, SECTIONS 'A' AND 'B', INCLUSIVE, THE AMOUNT OF:

\$261,670.50

\$269,326.00

G. BEN TURNIPSEED ENGINEERS, INC.
Augusta, Georgia

THIS IS TO CERTIFY THAT
THIS IS A CORRECT TABULATION
OF THE BIDS RECEIVED

BID TABULATION
BIDS RECEIVED: MAY 16, 2012

Kenneth E. Green, P.E.

CITY OF WRENS, GEORGIA
WATER SYSTEM IMPROVEMENTS
DIVISION ONE - WATER LINES
GEFA DWSRF 10-017

ITEM NO.	QTY.	UNIT DESCRIPTION	Shockley Plumbing, Inc. Perkins, Georgia		Beam's Conti Beech Island, S
			UNIT PRICE	TOTAL PRICE	UNIT PRICE
PART A - LINE 1 and 3					
1.		DUCTILE IRON WATER LINE			
a.	70 L.F.	6" Pipe Line, F.H. Lead or in Casing	\$20.00	\$1,400.00	\$23.74
2.		PVC WATER LINE			
a.	10429 L.F.	12" Pipe Line C900 Class 150 (SDR 18)	\$22.00	\$229,438.00	\$23.90
b.	20 L.F.	10" Pipe Line C900 Class 150 (SDR 18)	\$18.00	\$360.00	\$18.66
c.	290 L.F.	8" Pipe Line C900 Class 150 (SDR 18)	\$14.00	\$4,060.00	\$13.50
3.	2.39 Ton	M.J., D.I. or C.I. FITTINGS	\$0.00	\$0.00	\$3,914.53
4.		RESILIENT SEATED GATE VALVES W/VALVE BOXES			
a.	7 EA	12" M.J., N.R.S.	\$1,800.00	\$12,600.00	\$1,775.47
b.	1 EA	10" M.J., N.R.S.	\$1,600.00	\$1,600.00	\$1,506.30
c.	2 EA	8" M.J., N.R.S.	\$1,200.00	\$2,400.00	\$979.78
d.	8 EA	6" M.J., N.R.S.	\$600.00	\$4,800.00	\$646.44
e.	1 EA	2" M.J., N.R.S.	\$500.00	\$500.00	\$345.81
5.		FIRE HYDRANT (3-WAY)			
a.	6 EA	Fire Hydrant	\$1,800.00	\$10,800.00	\$1,679.59
b.	3 EA	Reset Existing Fire Hydrant	\$1,000.00	\$3,000.00	\$636.95
6.		CUSTOMER SERVICE CONNECTIONS			
a.	9 EA	Connect to Main (Incl. corp. stop, curb stop, tubing, and removal)	\$1,200.00	\$10,800.00	\$432.67
b.	300 L.F.	3/4" Service Line (installed w/Sub Item a)	\$5.00	\$1,500.00	\$2.70
c.	20 L.F.	2" Service Line (installed w/Sub Item a)	\$10.00	\$200.00	\$4.04
d.	2 EA	Road Bore - 3/4" service	\$500.00	\$1,000.00	\$242.29
e.	4 EA	Water Meters - 3/4" service	\$300.00	\$1,200.00	\$678.69
f.	1 EA	Reset Water Meter	\$100.00	\$100.00	\$189.52
7.		CONNECT TO EXIST. LINES (IN ADDITION TO MATERIALS LISTED IN ITEMS 1 THRU 4)			
a.	6 EA	6" and Larger	\$1,000.00	\$6,000.00	\$587.60
8.		LOCATE, PLUG, AND ABANDON EXISTING LINES			
a.	3 EA	6" and Smaller	\$500.00	\$1,500.00	\$309.55
9.		UNCASED BORE (ALL LINES EXCEPT SERVICES)			
a.	145 L.F.	Roadway	\$40.00	\$5,800.00	\$22.27

BID TABULATION
310714 WSI DIVISION ONE

BT-1

G. Ben Turnipseed Engineers, Inc.
2/3/2014

ITEM NO.	QTY.	UNIT	DESCRIPTION	Shockley Plumbing, Inc. Perkins, Georgia		Beam's Contr
				UNIT PRICE	TOTAL PRICE	Beech Island, S
				UNIT PRICE		
10.			GRASSING OF DISTURBED AREAS			
a.	10719 L.F.		For Water Lines	\$0.40	\$4,287.60	\$0.67
11.			REMOVING & REPLACING PAVEMENT			
a.	290 L.F.		Asphalt	\$20.00	\$5,800.00	\$48.98
12.			SILT FENCE			
a.	1740 L.F.		Silt Fence, Type A	\$1.00	\$1,740.00	\$2.60
b.	80 L.F.		Silt Fence, Type C	\$1.00	\$80.00	\$2.89
13.	20 S.Y.		RIP-RAP	\$40.00	\$800.00	\$48.40
14.	6 EA		DITCH CHECKS	\$40.00	\$240.00	\$311.86
15.	100 S.Y.		DRIVEWAY STONE	\$5.00	\$500.00	\$9.46
16.			STORMWATER MONITORING			
a.	3 EA		Establish Monitoring Site and Complete Monthly Reports	\$500.00	\$1,500.00	\$751.66
b.	6 EA		Sampling Events	\$50.00	\$300.00	\$462.56
EXTRA WORK ITEMS, IF ORDERED BY ENGINEER						
17.	20 C.Y.		ROCK EXCAVATION	\$20.00	\$400.00	\$65.00
18.			CONCRETE			
a.	10 C.Y.		Class "A"	\$50.00	\$500.00	\$174.00
b.	10 C.Y.		Class "B"	\$50.00	\$500.00	\$168.00
c.	10 C.Y.		Class "C"	\$50.00	\$500.00	\$145.00
19.	10 C.Y.		CRUSHED STONE STABILIZATION (INCL. EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	\$10.00	\$100.00	\$32.84
TOTAL AMOUNT BID, DIVISION ONE, PART A					\$316,305.60	
PART B - LINE 2						
1.			DUCTILE IRON WATER LINE			
a.	40 L.F.		6" Pipe Line, F.H. Lead or in Casing	\$20.00	\$800.00	\$23.74
2.			PVC WATER LINE			
a.	4242 L.F.		12" Pipe Line C900 Class 150 (SDR 18)	\$22.00	\$93,324.00	\$23.90
b.	100 L.F.		6" Pipe Line C900 Class 150 (SDR 18)	\$13.00	\$1,300.00	\$9.94
3.	10 Ton		M.J., D.I. or C.I. FITTINGS	\$0.00	\$0.00	\$5,959.10
4.			RESILIENT SEATED GATE VALVES W/VALVE BOXES			
a.	5 EA		12" M.J., N.R.S.	\$1,800.00	\$9,000.00	\$1,775.47
b.	9 EA		6" M.J., N.R.S.	\$600.00	\$5,400.00	\$646.44
c.	1 EA		2" M.J., N.R.S.	\$500.00	\$500.00	\$345.81
5.			FIRE HYDRANT (3-WAY)			
a.	9 EA		Fire Hydrant	\$1,800.00	\$16,200.00	\$1,679.59
6.			CUSTOMER SERVICE CONNECTIONS			
a.	1 L.S.		Meter Vault 1, Complete	\$38,540.00	\$38,540.00	\$36,412.07
b.	1 L.S.		Meter Vault 2, Complete	\$4,000.00	\$4,000.00	\$7,432.73
7.			CONNECT TO EXIST. LINES (IN ADDITION TO MATERIALS LISTED IN ITEMS 1 THRU 4)			
a.	1 EA		6" and Larger	\$1,500.00	\$1,500.00	\$705.14

BID TABULATION
310714 WSI DIVISION ONE

BT-2

G. Ben Turnipseed Engineers, Inc.
2/3/2014

ITEM NO.	QTY.	UNIT	DESCRIPTION	Shockley Plumbing, Inc. Perkins, Georgia		Beam's Conti Beech Island, S
				UNIT PRICE	TOTAL PRICE	UNIT PRICE
8.			GRASSING OF DISTURBED AREAS			
a.	4242 L.F.		For Water Lines	\$0.40	\$1,696.80	\$0.67
9.			SILT FENCE			
a.	1600 L.F.		Silt Fence, Type A	\$1.00	\$1,600.00	\$2.60
b.	80 L.F.		Silt Fence, Type C	\$3.00	\$240.00	\$2.89
10.	10 S.Y.		RIP-RAP	\$40.00	\$400.00	\$48.40
11.	6 EA		DITCH CHECKS	\$40.00	\$240.00	\$311.86
EXTRA WORK ITEMS, IF ORDERED BY ENGINEER						
12.	20 C.Y.		ROCK EXCAVATION	\$20.00	\$400.00	\$65.00
13.			CONCRETE			
a.	10 C.Y.		Class "A"	\$50.00	\$500.00	\$174.00
b.	10 C.Y.		Class "B"	\$50.00	\$500.00	\$168.00
c.	10 C.Y.		Class "C"	\$50.00	\$500.00	\$145.00
14.	20 S.Y.		DRIVEWAY STONE	\$5.00	\$100.00	\$9.46
15.	10 C.Y.		CRUSHED STONE STABILIZATION (INCL. EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	\$10.00	\$100.00	\$32.84
TOTAL AMOUNT BID, DIVISION ONE, PART B					<u><u>\$176,840.80</u></u>	
TOTAL AMOUNT BID - DIVISION 1					<u><u>\$493,146.40</u></u>	
DEDUCTION						
D-1	IF THE CONTRACTOR IS ALSO AWARDED DIVISION ONE OF THE DEVELOPMENT AUTHORITY OF JEFFERSON COUNTY SEWERAGE SYSTEM IMPROVEMENTS PROJECT, DEDUCT THE AMOUNT OF:				\$30,000.00	

CERTIFIED BID TABULATION

THIS IS TO CERTIFY THAT
 THIS IS A CORRECT TABULATION

G. Ben Turnipseed, P. E.

CITY OF DEMOREST
 WSI / DIVISION ONE

Astra Grading & Pipe, LLC
 Woodstock, Georgia

KM Davis Contracting Co., Inc.
 Marietta, Georgia

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.			PVC WATER LINE CLASS 150 SDR 18				
a.	18,000	LF	8" PVC Pipe Line	\$14.20	\$255,600.00	\$15.10	\$271,800.00
b.	20,140	LF	6" PVC Pipe Line	\$10.50	\$211,470.00	\$10.75	\$216,505.00
c.	100	LF	4" PVC Pipe Line	\$7.00	\$700.00	\$10.75	\$1,075.00
2.			POLYETHYLENE ENCASEMENT				
a.	250	LF	8"	\$0.50	\$125.00	\$1.65	\$412.50
b.	250	LF	6"	\$0.50	\$125.00	\$1.40	\$350.00
3.			DUCTILE IRON PIPE LINE AND/OR F.H. LEAD				
a.	300	LF	8"	\$25.00	\$7,500.00	\$30.00	\$9,000.00
b.	840	LF	6"	\$20.00	\$16,800.00	\$25.00	\$21,000.00
4.	6.3	TON	MECHANICAL JOINT FITTINGS	\$3,800.00	\$23,940.00	\$3,735.00	\$23,530.50
5.	13.5	CY	CONCRETE BLOCKING	\$250.00	\$3,375.00	\$130.00	\$1,755.00
6.			RESILIENT SEATED GATE VALVES W/VALVE BOXES				
a.	18	EA	8" M.J., N.R.S.	\$1,000.00	\$18,000.00	\$985.00	\$17,730.00
b.	85	EA	6" M.J., N.R.S.	\$700.00	\$59,500.00	\$670.00	\$56,950.00
c.	2	EA	4" M.J., N.R.S.	\$650.00	\$1,300.00	\$545.00	\$1,090.00
7.			FIRE HYDRANT (3-WAY)				
a.	56	EA	Fire Hydrant	\$1,900.00	\$106,400.00	\$2,170.00	\$121,520.00
b.	15	EA	Relocate Existing Fire Hydrant	\$1,500.00	\$22,500.00	\$1,000.00	\$15,000.00
8.			CONNECT TO EXIST. WATER LINES				
a.	12	EA	6" Connection	\$700.00	\$8,400.00	\$1,000.00	\$12,000.00
b.	3	EA	4" Connection	\$700.00	\$2,100.00	\$1,000.00	\$3,000.00
c.	1	EA	2" Connection (incl. Tapping Sleeve and Saddle)	\$500.00	\$500.00	\$1,500.00	\$1,500.00
9.			FREE BORE (<50' IN ADDITION TO PIPE)				
a.	10	EA	8"	\$650.00	\$6,500.00	\$425.00	\$4,250.00
b.	2	EA	6"	\$650.00	\$1,300.00	\$425.00	\$850.00
10.			HIGHWAY CROSSINGS				
a.	230	LF	14" Steel Casing (0.250" wt.) (Install by Jack and Bore)	\$150.00	\$34,500.00	\$155.00	\$35,650.00
b.	230	LF	12" Steel Casing (0.250" wt.) (Install by Jack and Bore)	\$150.00	\$34,500.00	\$100.00	\$23,000.00
c.	40	LF	10" Steel Casing (0.250" wt.) (Install by Jack and Bore)	\$150.00	\$6,000.00	\$100.00	\$4,000.00
11.			SERVICE CONNECTIONS				
a.	8	EA	New Service Connection to Main (Incl. New Pipe Saddle, Corporation Stop, Curb Stop and Backflow Preventer)	\$325.00	\$2,600.00	\$300.00	\$2,400.00
b.	140	EA	Reconnect Existing Services (Incl. New Pipe Saddle, Corporation Stop and Curb Stop)	\$275.00	\$38,500.00	\$430.00	\$60,200.00
c.	2,100	LF	3/4" Service Line	\$1.50	\$3,150.00	\$5.00	\$10,500.00
d.	58	EA	Road Bore-3/4" Service	\$350.00	\$20,300.00	\$175.00	\$10,150.00
e.	820	LF	Grassing Service Lines	\$0.15	\$123.00	\$1.00	\$820.00
12.			REMOVE AND REPLACE PAVEMENT				
a.	200	LF	Asphalt Roadway	\$43.00	\$8,600.00	\$45.00	\$9,000.00
b.	175	LF	Asphalt Driveway	\$15.00	\$2,625.00	\$45.00	\$7,875.00
c.	375	LF	Concrete Driveway	\$30.00	\$11,250.00	\$45.00	\$16,875.00
d.	30	LF	Concrete Sidewalk	\$25.00	\$750.00	\$30.00	\$900.00
e.	530	LF	Gravel	\$5.25	\$2,782.50	\$15.00	\$7,950.00
13.			SOIL EROSION AND SEDIMENT CONTROL				
a.	34,000	LF	Grassing for Water Mains	\$0.45	\$15,300.00	\$1.00	\$34,000.00
b.	10	SY	Sod	\$75.00	\$750.00	\$15.00	\$150.00

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
c.	3,400	LF	Silt Fence	\$3.00	\$10,200.00	\$1.50	\$5,100.00
d.	25	CY	Rip Rap	\$55.00	\$1,375.00	\$55.00	\$1,375.00
e.	55	EA	Haybale Check Dam	\$75.00	\$4,125.00	\$20.00	\$1,100.00
f.	5	EA	Stone Check Dam	\$225.00	\$1,125.00	\$120.00	\$600.00
14.	750	CY	ROCK EXCAVATION IN TRENCHES	\$50.00	\$37,500.00	\$50.00	\$37,500.00
15.	50	CY	CRUSHED STONE STABILIZATION OR BEDDING (INCL. EXC. OF UNSUITABLE MATERIAL)	\$47.00	\$2,350.00	\$30.00	\$1,500.00
16.			REMOVAL AND DISPOSAL OF EXISTING CEMENT ASBESTOS PIPE				
a.	100	LF	8"	\$20.00	\$2,000.00	\$70.00	\$7,000.00
b.	50	LF	6"	\$20.00	\$1,000.00	\$70.00	\$3,500.00
c.	50	LF	4"	\$20.00	\$1,000.00	\$70.00	\$3,500.00
TOTAL AMOUNT BID, DIVISION ONE, ITEMS 1 THROUGH 16, INCLUSIVE THE AMOUNT OF:					<u>\$988,540.50</u>		<u>\$1,063,963.00</u>

G. BEN TURNIPSEED ENGINEERS, INC.
 ATLANTA, GEORGIA
 CITY OF WEST POINT
 WATER SYSTEM IMPROVEMENTS
 DYMOS OF GEORGIA
 Project No.: 131880
 Bids Received January 7, 2014

CERTIFIED BID TABULATION

THIS IS TO CERTIFY THAT THIS
 IS A CORRECT TABULATION

G. Ben Turnipseed, P.E.

CITY OF WEST POINT	Crawford Grading & Pipeline, Inc.	United Grading & Excavating Co., Inc.
WS/DYMOS OF GEORGIA	Luthersville, Georgia	East Point, Georgia

ITEM NO.	QTY.	UNITS	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.			DUCTILE IRON WATER LINE				
a.	40	LF	10-inch Pipe Line	\$36.39	\$1,455.60	\$31.15	\$1,246.00
b.	40	LF	6-inch Pipe Line and/or F.H. Lead	\$25.57	\$1,022.80	\$29.65	\$1,186.00
2.			DUCTILE IRON RESTRAINED JOINT WATER LINE				
a.	220	LF	10-inch Pipe Line	\$48.46	\$10,661.20	\$51.64	\$11,360.80
3.			PVC WATER LINE CLASS 150 SDR 18				
a.	8,811	LF	10-inch Pipe Line	\$20.89	\$184,061.79	\$17.75	\$156,395.25
4.	2.9	TON	MECHANICAL JOINT FITTINGS	\$20.00	\$58.00	\$5,327.59	\$15,450.00
5.	30	CY	CONCRETE BLOCKING	\$200.00	\$6,000.00	\$241.66	\$7,249.80
6.			RESILIENT SEATED GATE VALVES				
a.	2	EA	12-inch G.V. and V.B.	\$2,162.00	\$4,324.00	\$2,100.00	\$4,200.00
b.	9	EA	10-inch G.V. and V.B.	\$1,796.00	\$16,164.00	\$1,750.00	\$15,750.00
c.	8	EA	6-inch G.V. and V.B.	\$809.00	\$6,472.00	\$750.00	\$6,000.00
	8	EA	FIRE HYDRANT (3 WAY)	\$2,231.00	\$17,848.00	\$2,400.00	\$19,200.00
8.	1	EA	AIR RELEASE AND VACUUM VALVE WITH MANHOLE FRAME AND COVER	\$4,517.50	\$4,517.50	\$5,800.00	\$5,800.00
9.			CONNECT TO EXISTING WATER LINES (Including plug removal)				
a.	1	EA	12-inch	\$200.00	\$200.00	\$1,800.00	\$1,800.00
b.	1	EA	10-inch	\$200.00	\$200.00	\$1,200.00	\$1,200.00
10.			FREE BORE (<50' In Addition to Pipe)				
a.	3	EA	10-inch	\$2,651.57	\$7,954.71	\$3,000.00	\$9,000.00
11.	80	LF	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPE	\$6.16	\$492.80	\$27.50	\$2,200.00
12.			REMOVE AND REPLACE				
a.	50	LF	Gravel	\$10.08	\$504.00	\$25.00	\$1,250.00
13.			SOIL EROSION AND SEDIMENT CONTROL				
a.	9,250	LF	Grassing for Water Mains	\$1.08	\$9,990.00	\$1.31	\$12,117.50
b.	80	LF	Matting, Mb	\$4.50	\$360.00	\$2.50	\$200.00
c.	200	LF	Silt Fence, Type "C"	\$4.75	\$950.00	\$2.80	\$560.00
d.	120	SY	Rip-Rap, RP	\$17.33	\$2,079.60	\$33.75	\$4,050.00
e.	22	EA	Stone Check Dam, Cd-S	\$224.00	\$4,928.00	\$350.00	\$7,700.00
f.	1	EA	Inlet Sediment Trap, SD2-P	\$100.00	\$100.00	\$200.00	\$200.00
g.	1	EA	Inlet Sediment Trap, SD2-F	\$200.00	\$200.00	\$175.00	\$175.00
14.	200	CY	ROCK EXCAVATION	\$50.00	\$10,000.00	\$50.00	\$10,000.00
15.	150	CY	CRUSHED STONE OR STABILIZATION (Including Excavation and Removal of Unsuitable Soil)	\$31.80	\$4,770.00	\$10.66	\$1,599.00
16.			STORMWATER MONITORING				
a.	1	EA	Monitoring Sites (Establishing, constructing and operating all sites)	\$2,520.00	\$2,520.00	\$3,300.00	\$3,300.00
b.	6	EA	Sampling Events	\$100.00	\$600.00	\$166.66	\$999.96

17.	1	LS	LABOR TO INSTALL ONE (1) METER VAULT (Vault provided by Owner)	<u>\$2,000.00</u>	<u>\$2,000.00</u>	<u>\$3,200.00</u>	<u>\$3,200.00</u>
TOTAL AMOUNT BID, ITEMS 1 THROUGH 17, INCLUSIVE THE AMOUNT OF:					<u>\$300,434.00</u>		<u>\$303,389.31</u>

ADDITIONS / DEDUCTIONS

A-1	For furnishing and installing by directional bore 10-inch High Density Polyethylene Pipe DR11 in lieu of Ductile Iron Pipe (installed at creek crossings), add / deduct (circle one) to Item 2.a. the following per linear foot:		Add	<u>\$99.38</u>	Deduct	<u>\$1,200.00</u>
A-2	INCREASE THE SIZE OF WATER LINE FROM 10-INCH TO 12-INCH					
	a.	12-inch Ductile Iron Pipe, add /deduct (circle one) to Item 1a the following per linear foot:	Add	<u>\$4.62</u>	Add	<u>\$5.25</u>
	b.	12-inch Restrained Joint Pipe, add /deduct (circle one) to Item 2a the following per linear foot:	Add	<u>\$5.47</u>	Add	<u>\$6.15</u>
	c.	12-inch PVC Pipe, add /deduct (circle one) to Item 3a the following per linear foot:	Add	<u>\$5.61</u>	Add	<u>\$4.85</u>
A-3	Provide cost to furnish all materials and equipment and perform all labor necessary to connect proposed water line to existing 12-inch water line by wet tap process with tapping sleeve and valve.		Add	<u>\$4,928.00</u>	Add	<u>\$0.00</u>
A-4	Decrease time allotted for construction to 60 consecutive calendar days, add the amount of:		Add	<u>\$6,000.00</u>	Add	<u>\$2,500.00</u>
D-1	Increase time allotted for construction to 120 consecutive calendar days, deduct the amount of:		Ded.	<u>\$1.00</u>		<u>\$0.00</u>

G. BEN TURNIPSEED ENGINEERS, INC.
 ATLANTA, GEORGIA
 CITY OF JASPER
 ALLRED MILL ROAD ELEVATED WATER TANK
 Project No.: 270481
 Bids Received March 17, 2011 @ 2:00 p.m.

CERTIFIED BID TABULATION

THIS IS TO CERTIFY THAT
 THIS IS A CORRECT TABULATION


 G. Ben Turnipseed, P.E.

CITY OF JASPER, GEORGIA	Phoenix Fabricators and Erectors, Inc.	Caldwell Tanks, Inc.
ALLRED MILL ROAD ELEVATED WATER TANK	Avon, Indiana	Louisville, Kentucky

For furnishing all materials and equipment and performing all labor necessary for constructing the Water System Improvements as shown on the Drawings and as specified for the following unit prices and approximate quantities shown.

ITEM 1 - SITE WORK

For furnishing all materials and equipment and performing all labor necessary for all miscellaneous site work including exterior piping, finish grading, storm drainage system, fencing, gravel drive and all other work and appurtenances, the lump sum amount of:

\$33,000.00 \$20,000.00

ITEM 2 - TANK FOUNDATION

For furnishing all materials and equipment and performing all labor necessary for constructing the concrete tank foundation, and valve pit, complete including earth excavation, backfill, grading and all other work and appurtenances, the lump sum amount of:

\$82,000.00 \$100,000.00

ITEM 3 - STEEL ELEVATED WATER TANK

For furnishing all materials and equipment and performing all labor necessary for constructing a 500,000 gallon steel, elevated water storage tank including painting, steel tank (excluding the cost of site work in Item 2 and cost of tank foundation in Item 3), electrical and all other work and appurtenances necessary for the completion of work as shown on the Drawings and/or specified,

\$782,770.00 \$936,400.00

ITEM 4 - ALTITUDE VALVE PIT

For furnishing all materials and equipment and performing all labor necessary for installing the altitude valve pit at the elevated water tank complete with all appurtenances, the lump sum amount

\$42,000.00 \$40,000.00

SUBTOTAL AMOUNT BID, ITEMS 1 THRU 4 INCLUSIVE,
 THE AMOUNT OF:

\$939,770.00 \$1,096,400.00

EXTRA WORK, IF ORDERED BY ENGINEER
(To cover authorized changes in scope of lump sum work)

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
5.			EXCAVATION AND BACKFILL				
a.	5	CY	Structure (Earth)	<u>\$50.00</u>	<u>\$250.00</u>	<u>\$10.00</u>	<u>\$50.00</u>
b.	5	CY	Trench (Earth)	<u>\$50.00</u>	<u>\$250.00</u>	<u>\$10.00</u>	<u>\$50.00</u>
6.			CONCRETE WORK				
a.	5	CY	Class "A" Concrete	<u>\$200.00</u>	<u>\$1,000.00</u>	<u>\$500.00</u>	<u>\$2,500.00</u>
b.	0.25	TONS	Reinforcing Steel	<u>\$1,200.00</u>	<u>\$300.00</u>	<u>\$2,000.00</u>	<u>\$500.00</u>
c.	200	SF	Contact Forms	<u>\$5.00</u>	<u>\$1,000.00</u>	<u>\$1.00</u>	<u>\$200.00</u>
7.			PIPING				
a.	10	LF	8" D.I. Pipe in Place	<u>\$40.00</u>	<u>\$400.00</u>	<u>\$30.00</u>	<u>\$300.00</u>
b.	10	LF	10" D.I. Pipe in Place	<u>\$50.00</u>	<u>\$500.00</u>	<u>\$50.00</u>	<u>\$500.00</u>
c.	10	LF	12" D.I. Pipe in Place	<u>\$60.00</u>	<u>\$600.00</u>	<u>\$60.00</u>	<u>\$600.00</u>
8.	0.2	TONS	C.I. FITTINGS IN PLACE (M.J. OR FLANGE)	<u>\$4,000.00</u>	<u>\$800.00</u>	<u>\$2,000.00</u>	<u>\$400.00</u>
9.	100	CY	CRUSHED STONE STABILIZATION (INCLUDING EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL)	<u>\$25.00</u>	<u>\$2,500.00</u>	<u>\$10.00</u>	<u>\$1,000.00</u>
10.	10	SY	RIP-RAP	<u>\$10.00</u>	<u>\$100.00</u>	<u>\$50.00</u>	<u>\$500.00</u>
SUBTOTAL AMOUNT BID, ITEMS 5 THRU 10 INCLUSIVE, THE AMOUNT OF:					<u>\$7,700.00</u>		<u>\$6,600.00</u>
TOTAL AMOUNT BID, ITEMS 1 THRU 10 INCLUSIVE, THE AMOUNT OF:					<u>\$947,470.00</u>		<u>\$1,103,000.00</u>

G. BEN TURNIPSEED ENGINEERS, INC.
 ATLANTA, GEORGIA
 CITY OF GLENNVILLE, GEORGIA
 WATER METER REPLACEMENT
 Project No. 131884
 January 13, 2015

CERTIFIED BID TAB

THIS IS TO CERTIFY THAT
 THIS IS A CORRECT TABULATION

Christopher B. Poje
 Christopher B. Poje, P.E.

CITY OF GLENNVILLE, GEORGIA WATER METER REPLACEMENT	D. Lance Souther, Inc. Macon, Georgia	Pedal Valves, Inc. Luling, Louisiana
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For furnishing all materials and equipment and performing all labor necessary as specified for the following unit prices and approximate quantities shown.

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.			METER REPLACEMENT				
a.	1,705	EA	¾" x ¾"	\$231.52	\$394,741.60	\$249.10	\$424,715.50
b.	14	EA	¾" x 1"	\$324.40	\$4,541.60	\$331.49	\$4,640.86
c.	13	EA	1 ½- inch	\$667.37	\$8,675.81	\$696.65	\$9,056.45
d.	12	EA	2-inch	\$1,918.00	\$23,016.00	\$1,840.50	\$22,086.00
e.	13	EA	3- inch	\$2,812.82	\$36,566.66	\$2,385.55	\$31,012.15
f.	1	EA	6-inch	\$7,368.00	\$7,368.00	\$5,375.26	\$5,375.26
g.	75	EA	Meter Box and Lid	\$70.40	\$5,280.00	\$72.61	\$5,445.75
h.	25	EA	Meter Lid Modification (if necessary)	\$1.00	\$25.00	\$4.00	\$100.00
i.	25	EA	Meter Box Only	\$54.72	\$1,368.00	\$57.02	\$1,425.50
2.			BACKFLOW PREVENTER				
a.	1,000	EA	¾-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$64.12	\$64,120.00	\$73.95	\$73,950.00
b.	13	EA	1 ½- inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$670.00	\$8,710.00	\$737.53	\$9,587.89
c.	12	EA	2-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$887.60	\$10,651.20	\$854.44	\$10,253.28
d.	13	EA	3-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$1,485.60	\$19,312.80	\$1,709.80	\$22,227.40
3.	1	LS	RADIO READ SOFTWARE AND HARDWARE FOR METER READING TRUCK (including backend compatibility with existing software, new laptop and hard case, magnetic removable antenna and necessary appurtenances)	\$24,640.00	\$24,640.00	\$24,494.85	\$24,494.85
Subtotal, Amount Bid, Items 1 through 3, inclusive, the amount of:				\$	\$609,016.67	\$	\$644,370.89

EXTRA WORK IF ORDERED BY ENGINEER

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
4.	5	EA	INSTALL NEW METER BOX IN CONCRETE OR ASPHALT PAVEMENT	\$270.00	\$1,350.00	\$225.11	\$1,125.55
5.	1	LS	GPS LOCATE ALL WATER METERS IN SYSTEM WITHIN 10-FEET ACCURACY IN STATE PLANE COORDINATES	\$1.00	\$1.00	\$0.00	\$0.00
6.	10	EA	FURNISH AND INSTALL 2-INCH RPZ-TYPE BACKFLOW PREVENTER COMPLETE WITH ISOLATION VALVES, PIPING MODIFICATIONS AND LOCKABLE ALUMINUM ENCLOSURE (IN LIEU OF 2-INCH DOUBLE CHECK VALVE TYPE, NON-RPZ)	\$1,452.00	\$14,520.00	\$1,266.40	\$12,664.00
TOTAL AMOUNT BID, ITEMS 1 THROUGH 6, INCLUSIVE THE AMOUNT OF:					\$624,887.67		\$658,160.44

Note 1: Above proposal shall be completed based on using meters as manufactured by Sensus, Master Meter or equal. Bidder shall indicate below the unit prices and model for meters used in the bid (equipment only). fill in the following if he wants to quote substitute meters.

METER SIZE	SENSUS		MASTER METER		OTHER	SENSUS		MASTER METER		OTHER
	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>
½" x ¾"			\$191.52	BLMJ				\$190.40	Multijet	
¾" x 1"			\$274.40	BLMJ				\$272.79	Multijet	
1-½"			\$417.37	BLMJ				\$414.92	Multijet	
2"			\$1568.00	Octave				\$1,558.77	Octave	
3"			\$1738.92	Octave				\$1,728.19	Octave	
6"			\$4368.00	Octave				\$4,342.27	Octave	

For furnishing all materials and equipment and performing all labor necessary as specified for the following unit prices and approximate quantities shown.

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.			METER REPLACEMENT				
a.	1,705	EA	¾" x ¾"	\$244.20	\$416,361.00	\$366.49	\$624,865.45
b.	14	EA	¾" x 1"	\$341.00	\$4,774.00	\$480.01	\$6,720.14
c.	13	EA	1 ½- inch	\$844.80	\$10,982.40	\$760.66	\$9,888.58
d.	12	EA	2-inch	\$2,112.00	\$25,344.00	\$2,189.11	\$26,269.32
e.	13	EA	3- inch	\$3,291.00	\$42,783.00	\$3,122.61	\$40,593.93
f.	1	EA	6-inch	\$8,670.20	\$8,670.20	\$7,828.07	\$7,828.07
g.	75	EA	Meter Box and Lid	\$86.00	\$6,450.00	\$130.37	\$9,777.75
h.	25	EA	Meter Lid Modification (if necessary)	\$1.10	\$27.50	\$50.00	\$1,250.00
i.	25	EA	Meter Box Only	\$47.50	\$1,187.50	\$88.15	\$2,203.75
2.			BACKFLOW PREVENTER				
a.	1,000	EA	¾-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$60.50	\$60,500.00	\$83.84	\$83,840.00
b.	13	EA	1 ½- inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$1,012.00	\$13,156.00	\$1,036.05	\$13,468.65
c.	12	EA	2-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$1,144.00	\$13,728.00	\$1,365.25	\$16,383.00
d.	13	EA	3-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$4,675.00	\$60,775.00	\$2,307.45	\$29,996.85
3.	1	LS	RADIO READ SOFTWARE AND HARDWARE FOR METER READING TRUCK (including backend compatibility with existing software, new laptop and hard case, magnetic removable antenna and necessary appurtenances)	\$38,500.00	\$38,500.00	\$37,071.00	\$37,071.00
Subtotal, Amount Bid, Items 1 through 3, inclusive, the amount of:					\$ 703,238.60		\$ 910,156.49

EXTRA WORK IF ORDERED BY ENGINEER

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
4.	5	EA	INSTALL NEW METER BOX IN CONCRETE OR ASPHALT PAVEMENT	\$1,155.00	\$5,775.00	\$350.00	\$1,750.00
5.	1	LS	GPS LOCATE ALL WATER METERS IN SYSTEM WITHIN 10-FEET ACCURACY IN STATE PLANE COORDINATES	\$7,700.00	\$7,700.00	\$12,114.01	\$12,114.01
6.	10	EA	FURNISH AND INSTALL 2-INCH RPZ-TYPE BACKFLOW PREVENTER COMPLETE WITH ISOLATION VALVES, PIPING MODIFICATIONS AND LOCKABLE ALUMINUM ENCLOSURE (IN LIEU OF 2-INCH DOUBLE CHECK VALVE TYPE, NON-RPZ)	\$2,200.00	\$22,000.00	\$5,332.95	\$53,329.50
TOTAL AMOUNT BID, ITEMS 1 THROUGH 6, INCLUSIVE THE AMOUNT OF:					\$738,713.60		\$977,350.00

Note 1: Above proposal shall be completed based on using meters as manufactured by Sensus, Master Meter or equal. Bidder shall indicate below the unit prices and model for meters used in the bid (equipment only). fill in the following if he wants to quote substitute meters.

METER SIZE	SENSUS		MASTER METER		OTHER	SENSUS		MASTER METER		OTHER	
	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>	<i>Model</i>	<i>Unit Price</i>	<i>Model</i>
¾" x ¾"	No bid		No bid							\$176.55	420 HR
¾" x 1"	No bid		No bid							\$244.00	442 HR
1-½"	No bid		No bid							\$500.00	562 HR
2"	No bid		No bid							\$590.00	572 HR
3"	No bid		No bid							\$3,000.00	HDMAG 3"
6"	No bid		No bid							\$5,650.00	HBMAG 6"

**CITY OF GLENNVILLE, GEORGIA
WATER METER REPLACEMENT**

**Douglas Electrical and Plumbing Co., Inc. UWS, Inc.
Douglas, Georgia Trion, Georgia**

For furnishing all materials and equipment and performing all labor necessary as specified for the following unit prices and approximate quantities shown.

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.			METER REPLACEMENT				
a.	1,705	EA	¾" x ¾"	\$339.75	\$579,273.75		
b.	14	EA	¾" x 1"	\$421.00	\$5,894.00		
c.	13	EA	1 ½- inch	\$980.00	\$12,740.00		
d.	12	EA	2-inch	\$2,179.00	\$26,148.00		
e.	13	EA	3- inch	\$3,913.00	\$50,869.00		
f.	1	EA	6-inch	\$9,936.00	\$9,936.00		
g.	75	EA	Meter Box and Lid	\$127.00	\$9,525.00		
h.	25	EA	Meter Lid Modification (if necessary)	\$147.50	\$3,687.50		
i.	25	EA	Meter Box Only	\$119.00	\$2,975.00		
2.			BACKFLOW PREVENTER				
a.	1,000	EA	¾-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$224.40	\$224,400.00		
b.	13	EA	1 ½- inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$962.00	\$12,506.00		
c.	12	EA	2-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$1,349.00	\$16,188.00		
d.	13	EA	3-inch Double Check BFP (including box if required and piping modifications to be installed with meter change out)	\$4,974.00	\$64,662.00		
3.	1	LS	RADIO READ SOFTWARE AND HARDWARE FOR METER READING TRUCK (including backend compatibility with existing software, new laptop and hard case, magnetic removable antenna and necessary appurtenances)	\$41,024.00	\$41,024.00		
Subtotal, Amount Bid, Items 1 through 3, inclusive, the amount of:					\$ 1,059,828.25		\$
EXTRA WORK IF ORDERED BY ENGINEER							
ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
4.	5	EA	INSTALL NEW METER BOX IN CONCRETE OR ASPHALT PAVEMENT	\$962.00	\$4,810.00		
5.	1	LS	GPS LOCATE ALL WATER METERS IN SYSTEM WITHIN 10-FEET ACCURACY IN STATE PLANE COORDINATES	\$12,820.00	\$12,820.00		
6.	10	EA	FURNISH AND INSTALL 2-INCH RPZ-TYPE BACKFLOW PREVENTER COMPLETE WITH ISOLATION VALVES, PIPING MODIFICATIONS AND LOCKABLE ALUMINUM ENCLOSURE (IN LIEU OF 2-INCH DOUBLE CHECK VALVE TYPE, NON-RPZ)	\$3,192.00	\$31,920.00		
TOTAL AMOUNT BID, ITEMS 1 THROUGH 6, INCLUSIVE THE AMOUNT OF:					\$1,109,378.25		Non-responsive

**CITY OF GLENNVILLE, GEORGIA
WATER METER REPLACEMENT**

**Douglas Electrical and Plumbing Co., Inc. UWS, Inc.
Douglas, Georgia Trion, Georgia**

Note 1: Above proposal shall be completed based on using meters as manufactured by Sensus, Master Meter or equal. Bidder shall indicate below the unit prices and model for meters used in the bid (equipment only). fill in the following if he wants to quote substitute meters.

METER SIZE	SENSUS		MASTER METER		OTHER	SENSUS		MASTER METER		OTHER
	Unit Price	Model	Unit Price	Model	Unit Price	Unit Price	Model	Unit Price	Model	Unit Price
½" x ¾"			\$183.00	3G						
¾" x 1"			\$262.00	3G						
1-½"			\$399.00	3G						
2"			\$1,498.00	Octave 3G						
3"			\$1,661.00	Octave						
6"			\$4,173.00	Octave						

**SUMMARY OF WHOLESALE WATER
CONTRACT TERMS**

APPENDIX FOUR

Summary of Wholesale Water Contract Terms

Purchase

CITY OF LAGRANGE

Minimum Daily Average:	200,000 gallons
Maximum Daily Average:	350,000 gallons
Cost per 1,000 gallons:	\$2.50 (under min.) \$2.10 (over min.)
<i>Minimum Billing per Month:</i>	<i>\$12,099.20</i>

COWETA COUNTY

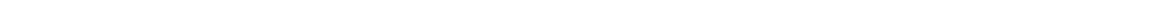
Minimum Daily Average:	150,000 gallons
Maximum Daily Average:	1,000,000 gallons
Cost per 1,000 gallons:	\$2.60

Sell

MERIWETHER COUNTY

Minimum Daily Average:	25,000 gallons
Maximum Daily Average:	250,000 gallons
Rate per 1,000 gallons:	\$3.50

**WATER PURCHASE AND SALES ANNUAL
SUMMARIES**



2014	January (31)	February (28)	March (31)	April (30)	May (31)	June (30)	July (31)	August (31)	September (30)	October (31)	November (30)	December (31)	Yearly Total	Monthly Average	Daily Average
City of Hogansville usage according to our readings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Hogansville usage according to LaGrange readings	2,820,000	2,030,000	3,000,000	4,130,000	3,540,000	3,840,000	4,370,000	6,340,000	6,340,000	7,720,000	6,850,000	7,900,000	58,880,000	4,906,667	161,315
Money paid to the City of LaGrange	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$16,438.76	\$16,438.76	\$20,206.16	\$17,831.06	\$21,000.00	\$176,609.14	\$14,717.43	\$483.86

City of Hogansville usage according to our readings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Hogansville usage according to Coweta Co. readings	13,514,000.00	18,577,000.00	14,319,500.00	13,118,500.00	12,974,000.00	13,665,500.00	13,883,000.00	13,408,500.00	9,688,500.00	8,658,500.00	7,162,000.00	6,366,000.00	145,335,000	12,111,250	398,178
Money paid to Coweta Co.	\$38,751.04	\$53,231.22	\$41,054.77	\$37,619.91	\$37,206.64	\$39,184.33	\$39,806.38	\$38,449.31	\$27,810.11	\$24,864.31	\$20,584.32	\$41,508.00	\$440,070.34	\$36,672.53	\$1,205.67

Total Water Bought	16,334,000	20,607,000	17,319,500	17,248,500	16,514,000	17,505,500	18,253,000	19,748,500	16,028,500	16,378,500	14,012,000	14,266,000	204,215,000	17,017,917	559,493
Cost of Water Bought	\$50,850.24	\$65,330.42	\$53,153.97	\$49,719.11	\$49,305.84	\$51,283.53	\$51,905.58	\$54,888.07	\$44,248.87	\$45,070.47	\$38,415.38	\$62,508.00	\$616,679	\$51,390	\$1,690

Water sold to customers (according to the utility usage report) in gallons	8,384,679	8,283,904	6,277,241	8,510,468	7,649,597	8,072,018	8,819,545	8,908,053	8,569,871	8,027,306	8,369,854	7,366,602	97,239,138	8,103,262	266,409
Water sold to customers (according to the utility usage report) in dollars	\$ 46,679.57	\$ 50,458.13	\$ 37,640.69	\$ 47,249.42	\$ 43,730.33	\$ 45,574.32	\$ 55,646.41	\$ 54,843.01	\$ 53,602.99	\$ 49,933.62	\$ 51,930.50	\$ 48,117.71	\$585,407	\$48,784	\$1,604

The difference in water bought vs. water sold (in gallons)	7,949,321	12,323,096	11,042,259	8,738,032	8,864,403	9,433,482	9,433,455	10,840,447	7,458,629	8,351,194	5,642,146	6,899,398	106,975,862	8,914,655	293,085
The difference in water sold vs water bought (in dollars)	(\$4,170.67)	(\$14,872.29)	(\$15,513.28)	(\$2,469.69)	(\$5,575.51)	(\$5,709.21)	\$3,740.83	(\$45.06)	\$9,354.12	\$4,863.15	\$13,515.12	(\$14,390.29)	(\$31,272.78)	(\$2,606.07)	(\$85.68)

The percentage of water lost	48.67%	59.80%	63.76%	50.66%	53.68%	53.89%	51.68%	54.89%	46.53%	50.99%	40.27%	48.36%	51.93%		
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2013	January (31)	February (28)	March (31)	April (30)	May (31)	June (30)	July (31)	August (31)	September (30)	October (31)	November (30)	December (31)	Yearly Total	Monthly Average	Daily Average
City of Hogansville usage according to our readings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Hogansville usage according to LaGrange readings	3,960,000	4,820,000	5,440,000	6,070,000	6,070,000	4,900,000	5,280,000	5,950,000	5,610,000	6,400,000	4,230,000	5,400,000	64,130,000	5,344,167	175,699
Money paid to the City of LaGrange	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$16,887.78	\$12,099.20	\$12,099.20	\$16,602.56	\$12,099.20	\$12,099.20	\$154,482.34	\$12,873.53	\$423.24
City of Hogansville usage according to our readings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Hogansville usage according to Coweta Co. readings	15,288,500.00	14,234,500.00	11,098,000.00	9,524,500.00	13,902,000.00	11,893,500.00	11,665,000.00	11,380,500.00	11,605,000.00	9,786,000.00	12,988,000.00	12,951,000.00	146,316,500	12,193,042	400,867
Money paid to Coweta Co.	\$43,825.11	\$40,811.67	\$31,841.28	\$27,341.07	\$39,860.72	\$34,116.41	\$33,462.90	\$32,649.23	\$33,291.30	\$28,088.96	\$37,246.68	\$41,508.00	\$424,043.33	\$35,336.94	\$1,161.76
Total Water Bought	19,248,500	19,054,500	16,538,000	15,594,500	19,972,000	16,793,500	16,945,000	17,330,500	17,215,000	16,186,000	17,218,000	18,351,000	210,446,500	17,537,208	576,566
Cost of Water Bought	\$55,924.31	\$52,910.87	\$43,940.48	\$39,440.27	\$51,959.92	\$46,215.61	\$50,350.68	\$44,748.43	\$45,390.50	\$44,691.52	\$49,345.88	\$53,607.20	\$578,526	\$48,210	\$1,585
Water sold to customers (according to the utility usage report) in gallons	6,466,998	5,708,119	7,252,939	5,986,464	6,637,542	6,987,470	6,730,402	6,971,919	9,643,811	8,302,591	6,976,546	5,752,196	83,416,997	6,951,416	228,540
Water sold to customers (according to the utility usage report) in dollars	\$ 40,059.12	\$ 34,426.94	\$ 40,485.12	\$ 34,927.43	\$ 37,758.48	\$ 42,960.34	\$ 30,785.28	\$ 44,807.84	\$ 54,977.35	\$ 49,729.14	\$ 41,605.16	\$ 36,712.94	\$489,235	\$40,770	\$1,340
The difference in water bought vs. water sold (in gallons)	12,781,502	13,346,381	9,285,061	9,608,036	13,334,458	9,806,030	10,214,598	10,358,581	7,571,189	7,883,409	10,241,454	12,598,804	127,029,503	10,585,792	348,026
The difference in water sold vs water bought (in dollars)	(\$15,865.19)	(\$18,483.93)	(\$3,455.36)	(\$4,512.84)	(\$14,201.44)	(\$3,255.27)	(\$19,565.40)	\$59.41	\$9,586.85	\$5,037.62	(\$7,740.72)	(\$16,894.26)	(\$89,290.53)	(\$7,440.88)	(\$244.63)
The percentage of water lost	66.40%	70.04%	56.14%	61.61%	66.77%	58.39%	60.28%	59.77%	43.98%	48.71%	59.48%	68.65%		60.02%	

2012	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Yearly Total	Monthly Average	Daily Average
Water bought from LaGrange (1st -last of the month)	8,218,100	6,257,170	6,775,174	5,654,906	6,801,060	6,510,310	6,666,594	5,064,580	4,067,170	3,150,250	2,463,710	2,766,770	64,395,794	5,366,316	178,877
Water bought from LaGrange (our readings based on their cycle)	5,945,000	6,814,000	6,597,000	6,287,000	6,687,000	6,410,000	6,141,000	5,787,000	3,489,000	3,831,000	2,691,000	2,359,000	63,038,000	5,253,167	175,106
Water bought from LaGrange (according to their billing cycle)	5,710,000	6,860,000	6,300,000	6,540,000	7,440,000	6,380,000	6,070,000	5,880,000	3,370,000	3,700,000	2,690,000	2,280,000	63,220,000	5,268,333	175,611
money paid to LaGrange	\$12,099.20	\$17,858.36	\$16,329.56	\$16,984.76	\$19,441.76	\$16,547.96	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$12,099.20	\$171,856.80	\$14,321.40	\$477.38
Water bought from Coweta Co. (1st - last of the month)	5,962,080	6,223,400	6,990,400	7,309,800	8,045,300	7,655,900	10,529,300	12,786,300	12,906,400	15,482,800	15,983,800	16,415,600	126,291,080	10,524,257	350,809
Water bought from Coweta Co. (our readings based on their billing cycle)	8,361,100	6,301,000	6,710,000	7,659,000	7,912,000	8,575,000	8,891,000	11,541,000	14,874,000	13,697,000	17,245,000	15,384,000	127,150,100	10,595,842	353,195
Water bought from Coweta Co. (according to their billing cycle)	8,355,000	6,332,500	6,533,000	7,783,000	7,799,000	8,820,500	8,820,500	11,854,000	14,796,500	13,551,500	17,231,500	15,288,500	127,165,500	10,597,125	353,238
money paid to Coweta Co.	\$23,995.30	\$18,210.95	\$18,784.38	\$22,359.38	\$22,405.14	\$23,787.95	\$25,326.63	\$34,002.44	\$42,417.99	\$38,857.29	\$49,382.09	\$43,825.11	\$363,354.65	\$30,279.55	\$1,009.32
Water bought from both sources	14,065,000	13,192,500	12,833,000	14,323,000	15,239,000	15,200,500	14,890,500	17,734,000	18,166,500	17,251,500	19,921,500	17,568,500	190,385,500	15,865,458	528,849

Water sold to customers (according to the utility usage report) in gallons	6,436,389	5,262,487	5,696,116	6,536,184	8,217,412	6,993,307	7,606,906	8,161,124	6,731,970	7,390,746	7,836,272	4,333,485	81,202,398	6,766,867	225,562
Water sold to customers (according to the utility usage report) in dollars	\$37,648.12	\$31,753.88	\$34,401.34	\$37,321.31	\$46,079.49	\$39,842.07	\$43,214.58	\$44,430.70	\$38,354.61	\$42,522.90	\$45,551.50	\$28,450.87	\$469,571.37	\$39,130.95	\$1,304.36
The difference in water bought vs. water sold (in gallons)	7,628,611	7,930,013	7,136,884	7,786,816	7,021,588	8,207,193	7,283,594	9,572,876	11,434,530	9,860,754	12,085,228	13,235,015	109,183,102	9,098,592	303,286
The difference in water sold vs water bought (in dollars)	\$1,553.62	(\$4,315.43)	(\$712.60)	(\$2,022.83)	\$4,232.59	(\$493.84)	\$5,788.75	(\$1,670.94)	(\$16,162.58)	(\$8,433.59)	(\$15,929.79)	(\$27,473.44)	(65640.08)	(5470.01)	(182.33)
The percentage of water lost	54.24%	60.11%	55.61%	54.37%	46.08%	53.99%	48.91%	53.98%	62.94%	57.16%	60.66%	75.33%	56.95%	4.75%	1.90%

2013

City of LaGrange Water Bills

Month	Billing Date	Billing Days	Reading Date	Primary Meter	Secondary Meter	Meter Multiplier	Usage(000)	Water Service
			12/27/2012	30700	04290			
January	1/31/2013	33	1/29/2013	30700	04686	10	3960	\$12,099.20
February	2/28/2013	28	2/26/2013	30724	05144	10	4820	\$12,099.20
March	3/29/2013	29	3/27/2013	30724	05688	10	5440	\$12,099.20
April	4/30/2013	30	4/26/2013	30726	06293	10	6070	\$12,099.20
May	5/31/2013	33	5/29/2013	30726	06900	10	6070	\$12,099.20
June	6/28/2013	28	6/26/2013	30726	07390	10	4900	\$12,099.20
July	7/31/2013	33	7/29/2013	30726	07918	10	5280	\$16,887.78
August	8/30/2013	31	8/29/2013	30726	08513	10	5950	\$12,099.20
September	9/30/2013	28	9/26/2013	30726	09074	10	5610	\$12,099.20
October	10/31/2013	33	10/29/2013	30726	09714	10	6400	\$16,602.56
November	11/30/2013	27	11/25/2013	30726	10137	10	4230	\$12,099.20
December	12/31/2013	35	12/30/2013	30726	10677	10	5400	\$12,099.20

Coweta County Water Bills

Month	Billing Date	Days in Period	Reading Date	Primary Meter	Secondary Meter	Meter Multiplier	Usage	Water Service
			11/22/2012	274660	178535			
January	1/15/2013	30	12/22/2012	288960	188420		15,288,500	\$43,825.11
February	2/15/2013	30	1/21/2013	302235	198015		14,234,500	\$40,811.67
March	3/15/2013	30	2/20/2013	312550	205845		11,098,000	\$31,841.28
April	4/15/2013	30	3/22/2013	321510	211490		9,524,500	\$27,341.07
May	5/22/2013	30	4/21/2013	334505	220560		13,902,000	\$39,860.72
June	6/22/2013	30	5/21/2013	345725	227295		11,893,500	\$34,116.41
July	7/22/2013	48	7/8/2013	356815	233045		11,665,000	\$33,462.90
August	8/22/2013	30	8/8/2013	367725	237750		11,380,500	\$32,649.23
September	9/22/2013	32	9/9/2013	378885	242200		11,605,000	\$33,291.30
October	10/22/2013	30	10/8/2013	388255	246360		9,786,000	\$28,088.96
November	11/22/2013	30	11/8/2013	400700	251790		12,988,000	\$37,246.68
December	12/22/2013	31	12/9/2013	413085	257450		12,951,000	\$37,140.86

2014

City of LaGrange Water Bills

Month	Billing Date	Billing Days	Reading Date	Primary Meter	Secondary Meter	Meter Multiplier	Usage(000)	Water Service
			12/30/2013	30726	10677			
January	1/31/2014	31	1/30/2014	30726	10959	10	2820	\$12,099.20
February	2/28/2014	27	2/26/2014	30727	11161	10	2030	\$12,099.20
March	3/31/2014	29	3/27/2014	30777	11411	10	3000	\$12,099.20
April	4/30/2014	32	4/28/2014	30985	11616	10	4130	\$12,099.20
May	5/30/2014	30	5/28/2014	31164	11791	10	3540	\$12,099.20
June	6/30/2014	29	6/26/2014	31358	11981	10	3840	\$12,099.20
July	7/31/2013	33	7/29/2013	31578	12198	10	4370	\$12,099.20
August	8/29/2014	30	8/28/2014	31895	12515	10	6340	\$16,438.76
September	9/30/2014	32	9/29/2014	32212	12832	10	6340	\$16,438.76
October	10/31/2013	29	10/28/2014	32600	13216	10	7720	\$20,206.16
November	11/26/2014	28	11/25/2014	32946	13555	10	6850	\$17,831.06
December	12/31/2013	0	12/30/2013	33344	13947	10	7900	\$21,000.00

Coweta County Water Bills

Month	Billing Date	Days in Period	Reading Date	Primary Meter	Secondary Meter	Meter Multiplier	Usage	Water Service
			12/9/2013	413085	257450			
January	1/22/2014	30	1/8/2014	426000	263440		13,514,000	\$38,751.04
February	2/22/2014	30	2/7/2014	443840	270810		18,577,000	\$53,231.22
March	3/22/2014	28	3/7/2014	457450	277905		14,319,500	\$41,054.77
April	4/22/2014	31	4/7/2014	469865	284940		13,118,500	\$37,619.91
May	5/22/2014	30	5/7/2014	482210	291230		12,974,000	\$37,206.64
June	6/22/2014	30	6/6/2014	495300	296985		13,665,500	\$39,184.33
July	7/22/2014	31	7/8/2014	508625	302565		13,883,000	\$39,806.38
August	8/22/2014	30	8/6/2014	521685	306050		13,408,500	\$38,449.31
September	9/22/2014	30	9/5/2014	530870	311085		9,688,500	\$27,810.11
October	10/22/2014	32	10/7/2014	539000	316370		8,658,500	\$24,864.31
November	11/22/2014	30	11/6/2014	545625	321740		7,162,000	\$20,584.32
December	12/22/2014	29	12/5/2014	551230	329350		6,366,000	\$18,307.76

From: 01/01/13 To: 12/31/13 - In Summary - Excluding Non-Billing Distributions

Code	Description	Count	Usage	Taxable Amount	Non-Taxable Amount	Exempt Amount	Amount
Distribution Type: AJ ADJUSTMENT							
A-FA	ADJUSTMENTS-FUEL - 4-338-581	32		-1,090.33	0.00	0.00	-1,090.33
ADJUSTMENT TOTAL:							
		32		-1,090.33	0.00	0.00	-1,090.33
Distribution Type: EL ELECTRIC SERVICE							
E1	ELECTRICAL RESIDENTIAL 4-330-581	14,863	13,155,681	1,720,605.11	0.00	7,122.31	1,727,727.42
E2	4-330-581 ELECTRICAL SMALL COMMERCIAL	1,349	1,506,657	181,563.74	0.00	49,264.84	230,828.58
E3	ELECTRICAL SENIOR DISCOUNT - 4-330-581	2,524	1,656,103	215,577.80	0.00	0.00	215,577.80
E4	ELECTRICAL LARGE COMMERCIAL - 4-330-581	208	1,387,447	175,588.39	0.00	21,172.06	196,760.45
E5	ELECTRICAL DEMAND SERVICE - 4-330-581	46	6,658,237	838,932.23	0.00	0.00	838,932.23
ECCR	4-330-581 ELECTRICAL ECCR CHARGE	18,373		187,887.23	0.00	6,890.18	194,777.41
EHV1	ELECTRICAL MUNICIPAL - 4-330-581	196	253,853	0.00	0.00	42,860.68	42,860.68
EL-FRNCHS	ELECTRICAL FRANCHISE FEE	18,635		0.00	118,943.33	0.00	118,943.33
ELECTRIC SERVICE TOTAL:							
		56,194	24,617,978	3,320,154.50	118,943.33	127,310.07	3,566,407.90
Distribution Type: FP FIRE PROTECTION							
FP1	FIRE PROTECTION SERVICE RESIDENTIAL 4-359-598	12		0.00	50.04	0.00	50.04
FP2	FIRE PROTECTION COMMERCIAL 4-359-598	24		0.00	160.08	0.00	160.08
FP3	FIRE PROTECTION INDUSTRIAL 4-359-598	14		0.00	635.04	0.00	635.04
FIRE PROTECTION TOTAL:							
		50		0.00	845.16	0.00	845.16
Distribution Type: G GARBAGE							
GB1	4-340-535 - GARBAGE PICK UP RESIDENTIAL	15,188		0.00	222,750.50	0.00	222,750.50
GB2	4-340-535 - GARBAGE PICK UP COMMERCIAL	404		0.00	9,768.00	0.00	9,768.00
GARBAGE TOTAL:							
		15,592		0.00	232,518.50	0.00	232,518.50
Distribution Type: GS NATURAL GAS							
G1	4-321-582 - NATURAL GAS RESIDENTIAL	9,232	266,786	371,518.38	0.00	2,728.90	374,247.28
G2	4-321-582 - NATURAL GAS COMMERCIAL	765	101,206	101,484.59	0.00	16,551.33	118,035.92
G3	4-321-582 - NATURAL GAS SENIOR DISCOUNT	1,880	51,740	59,310.26	0.00	0.00	59,310.26
G5	4-321-582 - NATURAL GAS LARGE COMMERCIAL	11	3,766	138.10	0.00	4,086.71	4,224.81
G6	4-321-582 - NATURAL GAS INDUSTRIAL	36	591,092	444,989.25	0.00	0.00	444,989.25
GHV1	4-321-582 - NATURAL GAS MUNICIPAL	94	16,943	0.00	0.00	11,666.85	11,666.85
GMC	NATURAL GAS MERIWETHER COUNTY	36	85,152	0.00	47,787.25	5,194.28	52,981.53
GS-FRNCHS	GAS FRANCHISE FEE	11,697		0.00	39,118.98	0.00	39,118.98
NATURAL GAS TOTAL:							
		23,751	1,116,685	977,440.58	86,906.23	40,228.07	1,104,574.88
Distribution Type: MD METER DEPOSITS							
GS-D	4-275 - NATURAL GAS - DEPOSIT	96		0.00	14,410.57	0.00	14,410.57
METER DEPOSITS TOTAL:							
		96		0.00	14,410.57	0.00	14,410.57
Distribution Type: MV MERCURY VAPOR							
MV	MERCURY VAPOR 4-334-581	12		264.00	0.00	0.00	264.00
MV1	BASIC MERCURY VAPOR (3) 4-334-581	1,953		12,831.00	0.00	518.00	13,349.00
MV2	EXTENDED MERCURY VAPOR (5) 4-334-581	511		3,423.00	0.00	0.00	3,423.00
MV3	EXTENDED MERCURY VAPOR (20) 4-334-581	37		1,036.00	0.00	0.00	1,036.00

From: 01/01/13 To: 12/31/13 - In Summary - Excluding Non-Billing Distributions

Code	Description	Count	Usage	Taxable Amount	Non-Taxable Amount	Exempt Amount	Amount
Distribution Type: MV MERCURY VAPOR							
MV4	BASIC MERCURY VAPOR (6) (2 LIGHTS) 4-334-581	24		336.00	0.00	0.00	336.00
MV5	EXTENDED MERCURY VAPOR (10) 4-334-581	72		1,296.00	0.00	0.00	1,296.00
MV6	MV POWER FLOOD LIGHT 4-334-581	26		480.00	0.00	0.00	480.00
	MERCURY VAPOR TOTAL:	2,635		19,666.00	0.00	518.00	20,184.00
Distribution Type: S SEWER SALE							
SW0	4-311-585 - SANITARY SEWER COMMERCIAL	824	6,872,599	0.00	37,075.73	0.00	37,075.73
SW1	4-311-585 - SANITARY SEWER RESIDENTIAL	11,782	42,352,081	0.00	315,167.07	0.00	315,167.07
SW2	4-311-585 - OUTSIDE CITY SEWER	109	392,600	0.00	4,232.26	0.00	4,232.26
SW3	4-311-585 - SENIOR DISCOUNT SEWER	1,943	5,027,500	0.00	26,106.92	0.00	26,106.92
SW4	4-311-585 - SEWER ONE INCH METER	47	839,800	0.00	5,694.79	0.00	5,694.79
SW5	4-311-585 - SEWER TWO INCH METER	85	2,052,880	0.00	12,424.24	0.00	12,424.24
SW7	4-311-585 - SEWER THREE INCH METER	12	646,000	0.00	3,973.35	0.00	3,973.35
SW8	4-311-585 - SEWER ONLY MERIWETHER COUNTY	10	895,794	0.00	3,192.28	0.00	3,192.28
SW-F	4-311-585 - SEWER FLAT FEE	12		0.00	71.88	0.00	71.88
SW-FRNCHS	4-331-585 SEWER FRANCHISE FEE	8,352		10,055.66	0.00	40.48	10,096.14
SWHV1	4-311-585 - SANITARY SEWER MUNICIPAL	7	129,000	0.00	0.00	0.00	0.00
	SEWER SALE TOTAL:	23,183	59,208,254	10,055.66	407,938.52	40.48	418,034.66
Distribution Type: SH SHARE PROGRAM							
SH1	4-387-598 SHARE PROGRAM	157		0.00	149.00	0.00	149.00
SH10.0	4-387-598 SHARE PROGRAM	24		0.00	240.00	0.00	240.00
SH2	4-387-598 SHARE PROGRAM	210		0.00	416.00	0.00	416.00
SH4	4-387-598 SHARE PROGRAM	12		0.00	48.00	0.00	48.00
SH5	4-387-598 SHARE PROGRAM	235		0.00	1,155.00	0.00	1,155.00
	SHARE PROGRAM TOTAL:	638		0.00	2,008.00	0.00	2,008.00
Distribution Type: ST SALES TAX							
A-ST	ADJUSTMENT-SALES TAX - 4-245	32,979		0.00	300,220.19	0.00	300,220.19
	SALES TAX TOTAL:	32,979		0.00	300,220.19	0.00	300,220.19
Distribution Type: TP TAP-ON FEE							
W-MF	4-562-583 WATER METER FEE	13		0.00	794.42	0.00	794.42
	TAP-ON FEE TOTAL:	13		0.00	794.42	0.00	794.42
Distribution Type: W WATER SALE							
W0	4-301-583 - WATER COMMERCIAL	880	7,482,430	0.00	37,105.12	0.00	37,105.12
W1	4-301-583 - WATER RESIDENTIAL	13,256	48,035,548	0.00	284,799.02	0.00	284,799.02
W10	4-301-583 - WATER MERIWETHER COUNTY	11	8,610,000	0.00	58,044.50	0.00	58,044.50
W2	4-301-583 - WATER OUTSIDE CITY LIMITS	1,176	4,612,200	0.00	43,281.84	0.00	43,281.84
W3	4-301-583 - WATER SENIOR DISCOUNT	2,079	5,559,900	0.00	22,385.56	0.00	22,385.56
W4	4-301-583 - WATER ONE INCH METER	226	1,036,300	0.00	6,604.58	0.00	6,604.58
W5	4-301-583 - WATER TWO INCH METER	175	2,177,650	0.00	14,882.47	0.00	14,882.47
W6	4-301-583 - WATER OUTSIDE CITY WATER WITH DIS	40	209,400	0.00	1,567.31	0.00	1,567.31

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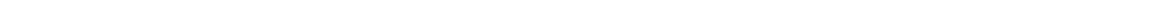
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From: 01/01/13 To: 12/31/13 - In Summary - Excluding Non-Billing Distributions

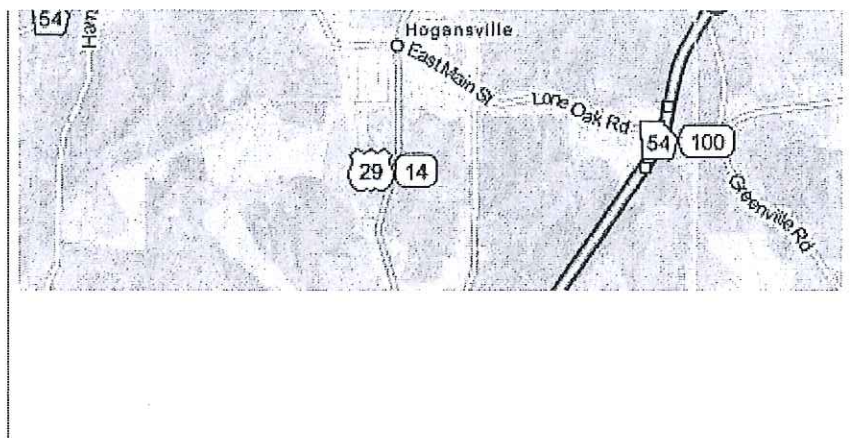
Code	Description	Count	Usage	Taxable Amount	Non-Taxable Amount	Exempt Amount	Amount
Distribution Type: W WATER SALE							
W7	4-301-583 - WATER THREE INCH METER	2	659,500	0.00	3,237.85	0.00	3,237.85
W8	4-301-583 - WATER ONE INCH METER OUTSIDE CITY	4	111,200	0.00	1,273.12	0.00	1,273.12
W9	4-301-583 - WATER ONE INCH METER COMMERCIAL	11	2,258,269	0.00	10,443.67	0.00	10,443.67
WA-FRNCHS	4-331-583 WATER FRANCHISE FEE	23,529		22,376.79	0.00	753.57	23,130.36
WHV1	4-301-583 - WATER MUNICIPAL	6	4,312,700	0.00	13,378.35	0.00	13,378.35
WATER SALE TOTAL:		41,649	85,065,097	22,376.79	497,003.39	753.57	520,133.75
TOTAL:		196,812		4,348,603.20	1,661,588.31	168,850.19	6,179,041.70

1,510 customers

POPULATION AND DEMOGRAPHIC INFORMATION



</w-Hogansville-Georgia.html>
[Current weather forecast for Hogansville, GA \(/forecast/w-Hogansville-Georgia.html\)](#)



Population in 2013:
 3,078 (0% urban,
 100% rural). Population change since 2000: +11.0%

Males: 1,475 (47.9%)
 Females: 1,603 (52.1%)

Median resident age: 34.5 years
 Georgia median age: 39.7 years

Zip codes: 30230 (</zips/30230.html>).

Estimated median household income in 2012: \$25,034 (it was \$27,976 in 2000)
 Hogansville: \$25,034
 GA: \$47,209

Estimated per capita income in 2012: \$14,226 (it was \$12,592 in 2000)

[Hogansville city income, earnings, and wages data \(/income/income-Hogansville-Georgia.html\)](/income/income-Hogansville-Georgia.html)

Estimated median house or condo value in 2012: \$86,331 (it was \$56,300 in 2000)
 Hogansville: \$86,331
 GA: \$142,300

Mean prices in 2012: All housing units: \$103,455; Detached houses: \$103,455

Median gross rent in 2012: \$650.

State of Georgia: Population Projections 2010 to 2030

County	2010	2015	2020	2025	2030
Spalding	66,203	72,950	80,296	88,300	96,851
Stephens	25,794	26,729	27,616	28,471	29,273
Stewart	4,624	4,583	4,510	4,420	4,339
Sumter	33,063	35,314	37,536	39,877	42,306
Talbot	6,487	6,714	6,843	6,907	6,979
Taliaferro	1,881	1,955	2,016	2,063	2,092
Tattnall	24,230	26,418	28,706	31,142	33,706
Taylor	8,838	9,113	9,403	9,689	9,982
Telfair	13,529	13,925	14,360	14,808	15,241
Terrell	10,238	10,204	10,051	9,863	9,673
Thomas	47,066	50,680	54,499	58,508	62,663
Tift	43,421	45,648	47,936	50,197	52,406
Toombs	28,858	30,628	32,189	33,576	35,059
Towns	11,386	12,193	13,088	14,051	15,066
Treutlen	7,189	7,558	7,973	8,433	8,811
Troup	66,608	73,505	81,046	89,442	97,191
Turner	9,215	9,270	9,334	9,420	9,512
Twiggs	10,434	11,187	11,866	12,547	13,041
Union	23,014	28,177	34,207	41,486	49,269
Upson	27,761	28,495	29,077	29,543	29,908
Walker	66,190	69,994	73,835	77,810	81,254
Walton	91,068	103,882	118,742	135,756	153,053
Ware	35,899	35,782	35,811	35,884	35,974
Warren	5,871	6,051	6,166	6,248	6,335
Washington	21,372	22,477	23,326	24,000	24,588
Wayne	30,275	32,190	34,061	35,946	37,861
Webster	2,192	2,316	2,412	2,486	2,531
Wheeler	7,039	7,454	7,869	8,271	8,652
White	26,704	30,629	34,900	39,784	44,854
Whitfield	96,900	105,163	114,157	123,979	134,561
Wilcox	8,878	9,278	9,655	10,015	10,350
Wilkes	10,295	10,448	10,587	10,729	10,865
Wilkinson	10,077	10,255	10,352	10,406	10,482
Worth	21,808	23,585	25,215	26,854	28,323
State Total	10,069,700	11,076,619	12,189,252	13,426,590	14,687,906

Carl Vinson Institute of Government
 Governor's Office of Planning and Budget

However, from the beginning of 2005 through a nineteen month period Troup County, the City of LaGrange, the City of Hogansville and the City of West Point submitted seven Developments of Regional Impact (DRI) for review and comments. The combined population increase of all of these developments will increase the county's population by 75% over the planning period. The following tables represent the projected growth of population using three scenarios. The first scenario is based on past trends while the second assumes some of the DRI's will be completed and does not include impact from Kia. The third scenario assumes all DRI's are completed and includes impact from Kia but not supplier companies.

Table 1. Troup County Population Past Trends - Low Growth Scenario

Troup County Population											
Category	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030
Total population	50,003	52,770	55,536	57,158	58,779	60,973	63,167	65,361	67,555	69,749	71,943

Original Source: U.S. Bureau of the Census (SF1)

Table 2. Troup County Population Medium Growth Scenario

Troup County Population											
Category	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030
Total population	50,003	52,770	55,536	57,158	58,779	62,070	65,361	70,298	75,234	82,639	90,044

Original Source: U.S. Bureau of the Census (SF1)

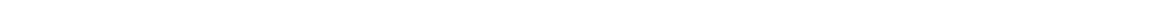
Table 3. Troup County Population High Growth Scenario

Troup County Population											
Category	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030
Total population	50,003	52,770	55,536	57,158	58,779	62,619	66,458	73,177	79,896	91,655	103,413

Original Source: U.S. Bureau of the Census (SF1)/DCA

These scenarios make several assumptions that may or may not become reality. These projections should be reviewed every five years to ensure their validity. Since most of any comprehensive plan recommendations and goals are based on the projected population it is very important that the projections be as accurate as possible. If the trends do not develop as projected new projections should be added to the plan and other amendments made as necessary.

**WATER AND SEWER DEPARTMENT
BUDGET**



CITY OF HOGANSVILLE

				FY 14/15	10 Months YTD	12 Month Estimate	Prior Year	FY 13/14
ACCOUNT				BUDGET	Actuals	13/14	Actuals	BUDGET
REVENUE - WATER DISTRIBUTION								
4	301	583	Water Sales	\$ 679,576	\$ 390,041	\$ 468,049	\$ 463,356	\$ 665,691
4	302	583	Water Cut Ins	\$ 3,000	\$ 142,750	\$ 171,300	\$ 1,500	\$ 3,000
4	331	583	Water Dist Franchise Fees 4.00%	\$ 27,183	\$ 17,170	\$ 20,604	\$ 19,049	\$ -
TOTAL WATER DISTRIBUTION REVENUE				\$ 709,759	\$ 549,961	\$ 659,953	\$ 483,905	\$ 668,691
EXPENSES - WATER DISTRIBUTION								
4	501	583	Salaries & Wages	\$ 72,725	\$ 58,294	\$ 69,953	\$ 67,346	\$ 77,587
4	502	583	Overtime		\$ 3,326	\$ 3,991	\$ 2,844	\$ -
4	503	583	Vacation		\$ 3,040	\$ 3,648	\$ 3,040	\$ -
4	504	583	Employee Bonus		\$ 1,949	\$ 2,339	\$ 1,908	\$ -
				\$ 72,725	\$ 66,609	\$ 79,931	\$ 75,138	\$ 77,587
4	505	583	Compensated Absences	\$ -	\$ -	\$ -	\$ 148	\$ -
4	509	583	Uniforms	\$ 2,400	\$ 1,954	\$ 2,345	\$ 3,052	\$ 3,000
4	510	583	Payroll Taxes	\$ 5,836	\$ 4,863	\$ 5,836	\$ 5,389	\$ 5,935
4	511	583	Group Insurance	\$ 14,101	\$ 13,737	\$ 16,484	\$ 12,525	\$ 17,898
4	512	583	Worker's Comp. Insurance	\$ 3,000	\$ 2,547	\$ 3,056	\$ 3,134	\$ 2,500
4	513	583	Retirement	\$ 5,691	\$ 3,048	\$ 3,658	\$ 3,964	\$ 3,500
4	514	583	Unemployment	\$ 1,500	\$ -	\$ -	\$ -	\$ 1,500
4	515	583	Travel & Training, 5-560-583	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,000
4	518	583	Employee Assistance	\$ 200	\$ -	\$ -	\$ -	\$ -
4	530	583	Vehicle Repairs & Maint.	\$ 3,500	\$ 160	\$ 192	\$ 777	\$ 3,500
4	532	583	Other Repairs & Maint.	\$ 2,500	\$ 584	\$ 701	\$ 288	\$ 10,000
4	534	583	Auto Insurance	\$ 1,750	\$ 1,426	\$ 1,711	\$ 1,487	\$ 1,200
4	535	583	Property Insurance	\$ 2,500	\$ 2,101	\$ 2,521	\$ 2,176	\$ 1,700
4	542	583	Dues, Publications, Subscriptions	\$ 200	\$ 56	\$ 67	\$ 350	\$ -
4	543	583	Utilities	\$ 4,500	\$ 3,759	\$ 4,511	\$ 14,384	\$ 17,000
4	544	583	Telephone	\$ 1,200	\$ -	\$ -	\$ -	\$ 1,200
4	546	583	Postage	\$ 4,000	\$ 4,715	\$ 5,658	\$ 4,140	\$ 4,000
4	549	583	Liability Insurance	\$ 2,000	\$ 1,768	\$ 2,122	\$ 1,576	\$ 1,250
4	559	583	Other Contractual Services	\$ 10,000	\$ 4,763	\$ 5,716	\$ 6,533	\$ -
4	562	583	Supplies & Materials	\$ 50,000	\$ 66,308	\$ 79,570	\$ 24,449	\$ 65,000
4	564	583	Vehicle Gas & Oil	\$ 4,500	\$ 3,103	\$ 3,724	\$ 4,419	\$ 5,000
4	565	583	Small Tools	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000
4	567	583	Purchased Water	\$ 600,000	\$ 517,985	\$ 621,582	\$ 580,386	\$ 427,405
4	578	583	Equipment	\$ 12,000	\$ 7,416	\$ 8,899	\$ 268	\$ 20,000
4	581	583	Equipment - AT&T Phone System	\$ 75	\$ 47	\$ 56	\$ -	\$ -
4	595	583	Filter Media	\$ -	\$ -	\$ -	\$ -	\$ 15,000
4	601	583	Depreciation	\$ 149,500	\$ -	\$ -	\$ 149,467	\$ 149,467
4	635	583	Contingency	\$ 9,000	\$ -	\$ -	\$ -	\$ 10,000
TOTAL WATER DISTRIBUTION Expenses				\$ 966,178	\$ 706,949	\$ 848,339	\$ 894,051	\$ 846,643
NET INCOME / (LOSS)				\$ (256,419)	\$ (156,988)	\$ (188,386)	\$ (410,146)	\$ (177,952)

% INCREASE (DECREASE) OVER PRIOR YEAR BUDGET

14.12%

CITY OF HOGANSVILLE

				FY 14/15	10 Months YTD	12 Month Estimate	Prior Year	FY 13/14
ACCOUNT				BUDGET	Actuals	13/14	Actuals	BUDGET
REVENUE - WATER PLANT								
4	XXX	584	Charges for Services	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL WATER PLANT REVENUE				\$ -	\$ -	\$ -	\$ -	\$ -

EXPENSES - WATER PLANT								
4	501	584	Salaries & Wages	\$ 37,554	\$ 26,174	\$ 31,409	\$ 30,833	\$ 34,725
4	502	584	Overtime	\$ -	\$ 4,019	\$ 4,823	\$ 6,996	\$ -
4	503	584	Vacation	\$ -	\$ 880	\$ 1,056	\$ 1,069	\$ -
4	504	584	Employee Bonus	\$ -	\$ 650	\$ 780	\$ 636	\$ -
				\$ 37,554	\$ 31,723	\$ 38,068	\$ 39,534	\$ 34,725

4	505	584	Compensated Absence	\$ -	\$ -	\$ -	\$ 509	\$ -
4	509	584	Uniforms	\$ -	\$ -	\$ -	\$ 218	\$ 300
4	510	584	Payroll Taxes	\$ 2,346	\$ 1,955	\$ 2,346	\$ 2,523	\$ 2,656
4	511	584	Group Insurance	\$ 23,076	\$ 10,654	\$ 12,785	\$ 12,937	\$ 7,467
4	512	584	Worker's Comp. Insuranc	\$ 1,150	\$ 922	\$ 1,106	\$ 1,434	\$ 1,400
4	513	584	Retirement	\$ 1,897	\$ 1,534	\$ 1,841	\$ 1,746	\$ 1,400
4	514	584	Unemployment	\$ 1,500	\$ -	\$ -	\$ -	\$ 1,500
4	515	584	Travel & Training, 4-560	\$ 1,500	\$ 718	\$ 862	\$ 39	\$ 1,500
4	518	584	Employee Assistance	\$ 200	\$ -	\$ -	\$ -	\$ -
4	530	584	Vehicle Repairs & Maint	\$ 2,500	\$ 1,842	\$ 2,210	\$ 904	\$ 1,000
4	532	584	Other Repairs & Maint.	\$ 5,000	\$ 6,035	\$ 7,242	\$ 4,794	\$ 5,000
4	533	584	Building Maintenance	\$ 2,000	\$ 312	\$ 374	\$ 1,283	\$ 2,000
4	534	584	Automobile Insurance	\$ 450	\$ 364	\$ 437	\$ 384	\$ 350
4	535	584	Property Insurance	\$ 1,150	\$ 963	\$ 1,156	\$ 997	\$ 800
4	540	584	Other Professional Serv	\$ 5,000	\$ 344	\$ 413	\$ 6,563	\$ 7,500
4	541	584	Advertising	\$ 1,500	\$ -	\$ -	\$ -	\$ 3,000
4	542	584	Dues & Subscriptions	\$ 750	\$ 1,556	\$ 1,867	\$ 722	\$ 1,000
4	543	584	Utilities	\$ 3,500	\$ 809	\$ 971	\$ 3,470	\$ 3,500
4	544	584	Telephone	\$ 2,500	\$ 2,200	\$ 2,640	\$ 2,329	\$ 1,200
4	546	584	Postage	\$ 750	\$ 640	\$ 768	\$ 650	\$ 250
4	549	584	Liability Insurance	\$ 1,650	\$ 1,339	\$ 1,607	\$ 1,259	\$ 1,000
4	559	584	Other Contractual Servi	\$ 10,000	\$ -	\$ -	\$ 18,088	\$ 10,000
4	561	584	Office Supplies	\$ 500	\$ 587	\$ 704	\$ 210	\$ 500
4	562	584	Supplies & Materials	\$ 5,000	\$ 5,101	\$ 6,121	\$ 6,495	\$ 5,000
4	564	584	Vehicle Gas & Oil	\$ 2,500	\$ 3,714	\$ 4,457	\$ 1,473	\$ 2,500
4	565	584	Small Tools	\$ 500	\$ -	\$ -	\$ -	\$ 500
4	566	584	Chemicals	\$ 3,000	\$ 3,495	\$ 4,194	\$ 1,394	\$ 3,000
4	571	584	Computer Supplies	\$ 100	\$ 49	\$ 59	\$ -	\$ -
4	578	584	Equipment	\$ 5,000	\$ 815	\$ 978	\$ 1,753	\$ 6,000

TOTAL WATER PLANT EXPENDITURES				\$ 122,573	\$ 77,671	\$ 93,205	\$ 111,709	\$ 105,048
Net income / (Net loss)				\$ (122,573)	\$ (77,671)	\$ (93,205)	\$ (111,709)	\$ (105,048)

% INCREASE (DECREASE) OVER PRIOR YEAR BUDGET

16.68%

CITY OF HOGANSVILLE

				FY 14/15	10 Months YTD	12 Month Estimate	Prior Year	FY 13/14
ACCOUNT				BUDGET	Actuals	13/14	Actuals	BUDGET
REVENUE - SEWER COLLECTION								
4	311	585	Sewer Sales	\$ 471,316	\$ 355,299	\$ 426,359	\$ 438,397	\$ 683,043
4	312	585	Sewer Collection Cut ins	\$ 5,000	\$ 85,600	\$ 102,720	\$ -	\$ 5,000
4	319	585	Sewer-Revenue Adjustm	\$ -	\$ (13,638)	\$ (16,366)	\$ (10,158)	\$ -
4	331	585	Sewer Collection Franch	\$ 18,853	\$ 14,279	\$ 17,135	\$ 1,612	\$ -
TOTAL SEWER COLLECTION REVENUE				\$ 495,169	\$ 441,540	\$ 529,848	\$ 429,850	\$ 688,043
EXPENSES - SEWER COLLECTION								
4	501	585	Salaries & Wages	\$ 53,192	\$ 35,867	\$ 43,040	\$ 57,967	\$ 43,539
4	502	585	Overtime	\$ -	\$ 1,097	\$ 1,316	\$ 745	\$ -
4	503	585	Vacation	\$ -	\$ 973	\$ 1,168	\$ 3,178	\$ -
4	504	585	Employee Bonus	\$ -	\$ 1,299	\$ 1,559	\$ 1,908	\$ -
				\$ 53,192	\$ 39,236	\$ 47,083	\$ 63,798	\$ 43,539
4	505	585	Compensated Absences	\$ -	\$ -	\$ -	\$ 317	\$ -
4	509	585	Uniforms	\$ 1,500	\$ -	\$ -	\$ -	\$ 1,500
4	510	585	Payroll Taxes	\$ 3,359	\$ 2,799	\$ 3,359	\$ 4,778	\$ 3,331
4	511	585	Group Insurance	\$ 14,023	\$ 8,376	\$ 10,051	\$ 9,935	\$ 6,062
4	512	585	Workers Comp. Ins.	\$ 2,250	\$ 1,844	\$ 2,213	\$ 2,867	\$ 2,500
4	513	585	Retirement	\$ 3,794	\$ 3,048	\$ 3,658	\$ 3,697	\$ 3,000
4	514	585	Unemployment	\$ 1,500	\$ -	\$ -	\$ -	\$ 1,500
4	515	585	Travel & Training	\$ 1,500	\$ -	\$ -	\$ 1,014	\$ 1,500
4	518	585	Employee Assistance	\$ 200	\$ -	\$ -	\$ -	\$ -
4	530	585	Vehicle Repairs & Maint.	\$ 3,500	\$ 64	\$ 77	\$ 1,505	\$ 3,500
4	532	585	Other Repairs & Maint.	\$ 20,000	\$ 2,407	\$ 2,888	\$ 486	\$ 20,000
4	534	585	Auto Insurance	\$ 1,250	\$ 1,062	\$ 1,274	\$ 1,100	\$ 1,000
4	535	585	Property Insurance	\$ 500	\$ 394	\$ 473	\$ 416	\$ 350
4	540	585	Other Professional Servi	\$ 12,000	\$ 41,215	\$ 49,458	\$ 3,833	\$ 20,000
4	541	585	Advertising	\$ 1,500	\$ -	\$ -	\$ -	\$ 2,500
4	543	585	Utilities	\$ 7,500	\$ 4,416	\$ 5,299	\$ 12,273	\$ 15,000
4	546	585	Postage	\$ 1,500	\$ 1,060	\$ 1,272	\$ 1,054	\$ 1,500
4	549	585	Liability Insurance	\$ 2,000	\$ 1,548	\$ 1,858	\$ 1,343	\$ 1,100
4	559	585	Other Contractual Servic	\$ 28,000	\$ 10,467	\$ 12,560	\$ 10,100	\$ 35,000
4	562	585	Supplies & Materials	\$ 30,000	\$ 43,581	\$ 52,297	\$ 26,371	\$ 30,000
4	564	585	Vehicle Gas & Oil	\$ 2,500	\$ 1,697	\$ 2,036	\$ 1,473	\$ 2,500
4	565	585	Small Tools	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000
4	566	585	Chemicals	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000
4	578	585	Expendable Equipment	\$ 500	\$ 262	\$ 314	\$ 268	\$ 2,500
4	635	585	Contingency	\$ 9,000	\$ -	\$ -	\$ -	\$ 10,000
TOTAL SEWER COLLECTION EXPENDITURES				\$ 212,069	\$ 163,476	\$ 196,171	\$ 146,626	\$ 218,882
NET INCOME / (LOSS)				\$ 283,100	\$ 278,064	\$ 333,677	\$ 283,224	\$ 469,161

% INCREASE (DECREASE) OVER PRIOR YEAR BUDGET

-3.11%

CITY OF HOGANSVILLE

			FY 14/15	10 Months YTD	12 Month Estimate	Prior Year	FY 13/14
ACCOUNT			BUDGET	Actuals	13/14	Actuals	BUDGET
REVENUE - SEWER WASTE WATER TREATMENT PLANT							
X	XXX	XXX	Charges for Services	\$ -	\$ -	\$ -	\$ -
SEWER WASTEWATER PLANT REVENUE			\$ -	\$ -	\$ -	\$ -	\$ -

EXPENSES - SEWER WASTE WATER TREATMENT PLANT								
4	501	586	Salaries & Wages	\$ 65,303	\$ 46,308	\$ 55,570	\$ 48,455	\$ 64,727
4	502	586	Overtime	\$ -	\$ 7,637	\$ 9,164	\$ 7,928	\$ -
4	503	586	Vacation	\$ -	\$ 2,740	\$ 3,288	\$ 2,939	\$ -
4	504	586	Employee Bonus	\$ -	\$ 1,664	\$ 1,997	\$ 1,272	\$ -
				\$ 65,303	\$ 58,349	\$ 70,019	\$ 60,594	\$ 64,727

4	505	586	Compensated Absence	\$ -	\$ -	\$ -	\$ 143	\$ -
4	509	586	Uniforms	\$ 1,750	\$ 1,328	\$ 1,594	\$ 2,096	\$ 2,000
4	510	586	Payroll Taxes	\$ 4,843	\$ 4,036	\$ 4,843	\$ 4,507	\$ 4,952
4	511	586	Group Insurance	\$ 19,233	\$ 14,836	\$ 17,803	\$ 17,889	\$ 12,736
4	512	586	Workers Comp. Insura	\$ 2,500	\$ 2,417	\$ 2,900	\$ 4,158	\$ 4,000
4	513	586	Retirement	\$ 3,794	\$ 3,048	\$ 3,658	\$ 3,697	\$ 3,000
4	514	586	Unemployment	\$ 1,500	\$ -	\$ -	\$ -	\$ 1,500
4	515	586	Travel & Training, 4-56	\$ 3,000	\$ 1,809	\$ 2,171	\$ 1,305	\$ 2,500
4	518	586	Employee Assistance	\$ 200	\$ -	\$ -	\$ -	\$ -
4	530	586	Vehicle Repairs & Maint	\$ 2,500	\$ 1,136	\$ 1,363	\$ 3,578	\$ 2,500
4	532	586	Other Repairs & Maint.	\$ 25,000	\$ 29,524	\$ 35,429	\$ 9,322	\$ 25,000
4	533	586	Building Repair	\$ 1,500	\$ 483	\$ 580	\$ 547	\$ 1,500
4	534	586	Auto Insurance	\$ 1,000	\$ 983	\$ 1,180	\$ 1,044	\$ 800
4	535	586	Property Insurance	\$ 450	\$ 427	\$ 512	\$ 437	\$ 400
4	539	586	Legal Fees	\$ -	\$ -	\$ -	\$ 4,659	\$ -
4	540	586	Professional Services	\$ 25,000	\$ 6,133	\$ 7,360	\$ 2,857	\$ 25,000
4	542	586	Dues & Subscriptions	\$ 500	\$ 95	\$ 114	\$ 716	\$ 1,500
4	543	586	Utilities	\$ 25,000	\$ 15,606	\$ 18,727	\$ 16,773	\$ 50,000
4	544	586	Telephone	\$ 2,000	\$ 1,807	\$ 2,168	\$ 1,071	\$ 1,200
4	546	586	Postage	\$ 500	\$ -	\$ -	\$ -	\$ 500
4	549	586	Liability Insurance	\$ 1,500	\$ 1,299	\$ 1,559	\$ 1,217	\$ 1,000
4	561	586	Office Supplies	\$ 500	\$ 242	\$ 290	\$ 142	\$ 500
4	562	586	Supplies & Materials	\$ 20,000	\$ 4,408	\$ 5,290	\$ 10,465	\$ 30,000
4	564	586	Vehicle Gas & Oil	\$ 5,000	\$ 3,096	\$ 3,715	\$ 2,946	\$ 5,000
4	565	586	Small Tools	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000
4	566	586	Chemicals	\$ 7,500	\$ 4,979	\$ 5,975	\$ 6,071	\$ 7,500
4	577	586	Machinery & Equipment	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
4	578	586	Equipment	\$ -	\$ 8,887	\$ 10,664	\$ 1,027	\$ -
4	581	586	Equipment - AT&T Phc	\$ 100	\$ 41	\$ 49	\$ -	\$ -
4	595	586	Other Contractual Serv	\$ 10,000	\$ -	\$ -	\$ (1,365)	\$ 10,000
4	601	586	Depreciation	\$ 204,211	\$ -	\$ -	\$ 207,440	\$ 204,211
4	635	586	Contingency	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000

WASTEWATER PLANT EXPENDITURES			\$ 480,384	\$ 164,969	\$ 197,963	\$ 363,337	\$ 508,025
Net income / (Net loss)			\$ (480,384)	\$ (164,969)	\$ (197,963)	\$ (363,337)	\$ (508,025)

% INCREASE (DECREASE) OVER PRIOR YEAR BUDGET -5.44%

CITY OF HOGANSVILLE

			FY 14/15	10 Months YTD	12 Month Estimate	Prior Year	FY 13/14
ACCOUNT			BUDGET	Actuals	13/14	Actuals	BUDGET
REVENUES - SEWER SPRAYFIELD							
Charges for Services			\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SEWER SPRAYFIELD REVENUE			\$ -	\$ -	\$ -	\$ -	\$ -

EXPENSES - SEWER SPRAYFIELD								
4	501	588	Salaries & Wages	\$ 24,884	\$ 18,731	\$ 22,477	\$ 8,760	\$ 23,303
4	502	588	Overtime	\$ -	\$ 5,366	\$ 6,439	\$ 1,033	\$ -
4	503	588	Vacation	\$ -	\$ 650	\$ 780	\$ 1,160	\$ -
4	504	588	Employee Bonus	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ 24,884	\$ 24,747	\$ 29,696	\$ 10,954	\$ 23,303

4	505	588	Compensated Absenc	\$ -	\$ -	\$ -	\$ -	\$ -
4	509	588	Uniforms	\$ 1,250	\$ 1,004	\$ 1,205	\$ 794	\$ 1,000
4	510	588	Payroll Taxes	\$ 2,227	\$ 1,856	\$ 2,227	\$ 138	\$ 1,783
4	511	588	Group Insurance	\$ 7,645	\$ 5,813	\$ 6,976	\$ 3,397	\$ 5,966
4	512	588	Workers Comp. Insur	\$ 600	\$ 567	\$ 680	\$ 1,092	\$ 1,000
4	513	588	Retirement	\$ 1,897	\$ 1,534	\$ 1,841	\$ 2,141	\$ 2,000
4	515	588	Travel & Training, 4-5t	\$ 1,500	\$ -	\$ -	\$ -	\$ 1,500
4	518	588	Employee Assistance	\$ 200	\$ -	\$ -	\$ -	\$ -
4	530	588	Vehicle Repairs & Mai	\$ 5,000	\$ 4,347	\$ 5,216	\$ 2,414	\$ 3,500
4	532	588	Other Repairs & Maint	\$ 3,500	\$ 1,850	\$ 2,220	\$ 1,151	\$ 3,500
4	533	588	Building Repair	\$ 2,500	\$ 1,200	\$ 1,440	\$ -	\$ 5,000
4	534	588	Auto Insurance	\$ 1,000	\$ 346	\$ 415	\$ 358	\$ 1,300
4	535	588	Property Insurance	\$ 450	\$ 356	\$ 427	\$ 369	\$ 300
4	540	588	Other Professional Se	\$ 2,500	\$ 93	\$ 112	\$ -	\$ 3,000
4	543	588	Utilities	\$ 7,500	\$ 7,921	\$ 9,505	\$ 3,978	\$ 5,000
4	549	588	Liability Insurance	\$ 1,500	\$ 1,339	\$ 1,607	\$ 1,259	\$ 1,000
4	559	588	Other Contractual Ser	\$ 5,000	\$ 262	\$ 314	\$ 277	\$ 10,000
4	562	588	Supplies & Materials	\$ 7,500	\$ 2,999	\$ 3,599	\$ 1,709	\$ 15,000
4	564	588	Vehicle Gas & Oil	\$ 4,000	\$ 3,860	\$ 4,632	\$ 1,473	\$ 2,500
4	565	588	Small Tools	\$ 500	\$ -	\$ -	\$ -	\$ 500
4	566	588	Chemicals	\$ 500	\$ 261	\$ 313	\$ -	\$ -
4	601	588	Depreciation	\$ 20,075	\$ -	\$ -	\$ 20,075	\$ 20,075
4	606	588	Hay Production	\$ -	\$ -	\$ -	\$ 37,900	\$ -
4	635	588	Contingency	\$ 5,000	\$ -	\$ -	\$ -	\$ 10,000

TOTAL SEWER SPRAYFIELD EXPENDITURE			\$ 106,729	\$ 60,355	\$ 72,426	\$ 89,477	\$ 117,226
Net income / (Net loss)			\$ (106,729)	\$ (60,355)	\$ (72,426)	\$ (89,477)	\$ (117,226)

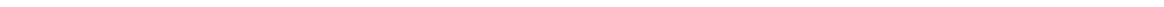
% INCREASE (DECREASE) OVER PRIOR YEAR BUDGET -8.95%

**City of Hogansville, Georgia
Water System Improvements
Annual Budget Projections**

	2014/15 Budget
Water Distrib	366,178
Water Purchase	600,000
WTP	122,573
Total	<u>1,088,751</u>
Less Depreciation	<u>149,500</u>
Total Net	939,251

Expenses	2013/14	2014/15 Budget	Annual increase %	2015/16	2016/17	2017/18	2018/19	2019/20
Admin and Personnel		177,926	3%	183,264	188,762	194,425	200,257	206,265
Water Purchases		600,000	1%	606,000	612,060	618,181	624,362	630,606
Utilities		11,775	3%	12,128	12,492	12,867	13,253	13,650
Miscellaneous		134,350	0%	134,350	134,350	134,350	134,350	134,350
Vehicles		15,200	2%	15,504	15,814	16,130	16,453	16,782
Short Lived Asset Reserves		856,293		951,246	963,478	975,952	988,676	1,001,654
Sub Total		939,251		951,246	970,178	982,652	995,376	1,008,354
Debt Repayment		93,639		93,639	93,639	93,639	93,639	93,639
		949,932		1,044,885	1,063,817	1,076,291	1,089,015	1,101,993

2012 FIELD TEST REPORTS



HYDRANT FLUSHING
DATA RECEIVED
FROM CITY
MAY 2012

List of hydrants that need to address

Crew # 1	(Alton B. & Stanley J.)	(Total of 49 fire hydrants tested)
6,000 ft. from Bass Cross Rd.	does not open	
Bo Tex	does not operate	
Destiny Church	could not open it	
229 Oak St.	could not open it	
313 East Main	did not show any pressure reading when open	
CB&T Bank	already under pressure did not take cap off	
701 East Main	could not turn on	
916 East Main	did not show any pressure reading when open	
Hawthorne & Maple	could not turn on	

Crew # 2	(Richie F. & Willie R.)	(Total of 54 fire hydrants tested)
In front of I.S.F. on HWY 29	does not open	
In front of the American Legion	does not open	
503 Green	will not open and very wobble	
900 East Main & Collier St.	needs to be greased	
75 ft. from the man-hold on Mallard Lake	will not turn on	
In front of Information Mail Box	hard to turn will not open	
211 Collier	needs grease / hard to turn on	

Crew # 3	(Michael E. & James M.)	(Total of 47 fire hydrants tested)
22 ft. from 1101 East Main St.	will not open	
88 ft. from 219 South Hwy 29	will not open, top stem is round off	
207 Fox Chase Way	will not open	
615 Crossroad	will not open	

Crew # 4	(Robert P. & Billy)	(Total of 36 fire hydrants tested)
All hydrants in working order		

Total 136 fire hydrants in the hold City of Hoggansville

Flushing Hydrant Route

49
John

#1
Stanley
Bragg

Crew # 1: Start on the corner Industrial Dr. & Bass Cross Rd. doing the left side (coming into Hogansville, do all the left side of Industrial Dr.) then go back, and do the right side of the road, keep going into Oak St., doing all of Oak St. Turn right on the corner of Oak St. & East Main St.; do all of East Main St. up to Mountville Hogansville Rd. doing it all Mountville Hogansville Rd. (don't forget to do Brookridge & Hummingbird Estate Sub). Go back and do High St., Maple, Hawthorn Dr., Cooper St., and Tallaferro Dr. & Winslett Dr.

Crew # 2: Start with the one pass I.S.F. on North Hwy 29. (do not open the one in front of I.S.F.; just before the parking lot; this hydrant does not close). Do all of North Hwy 29 (don't forget Pine Dr.), into American Legion Road (don't do the one across the street from the golf course & the American Legion Hall; this hydrant does not close). Come back and start on Greene Ave, do all of Greene Ave. Turn left on Lincoln, do all of Lincoln. Go to Collier St., (do it all, and don't forget to do Mallard Lake Sub), also do White St., Royal & Fredrick. Then go to the corner of College & East Main, and do all of College St. turn right on Johnson, do all of Johnson. Go to the corner of Granite St. & East Main St., doing all of Granite St., Marshall, Baugh & don't forget the Housing Projects.

Crew #3: Start on Norwood Road & Coweta Heard Rd., do all of Norwood Rd, including the Deer Spring Run Sub. Turn left on Corinth Rd.; do Mexico St., Garden St. & Brazell St. After Brazell St. turn right on Hwy 29, going south bound, do all of Hwy 29 (don't forget to do Villages of Huntcliff Sub. & Sallow Creek Sub). Do all of Mobley Bridge Rd., up to the Old Fire Station. Don't forget to do Hightower. Then go to I-85 intersection, start with the hydrant in front of Garden Inn & Suites, across the street from Love's Truck Stop Mechanic Shop, on Bass Cross Rd. do the one behind Ingles also. Do William St. then do all of East Main St back into Hogansville up to the cemetery. (And don't forget to do Russell Rd. & Hutchins Moody Rd.)

Crew # 4: Start on Hwy 29 & West Boyd Rd.; doing all of Boyd also doing North Boyd Rd. (don't forget to do Ransby Dr.) Turn right and do all of Brooks Rd. & Ware St also. Then go to Hwy 29 & West Main doing all of West Main St. from there go to Elm St. do all of Elm St. (flush also all side streets on Elm St. also). Go do Popular St. Pine St. (don't forget to do Project St. in the project sub). Then do Hightower, Holmes, Cranston Rd., Brown St. and Baptist Dr., Booser St. & Springfield Heights St.

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9 hydrants need to be "worked on"

49

AT 380
18

	Location	lbs / sq in	gal p.m.
1427	Ind Rd. 1000ft from Bass Cross Rd	15	650
	2000ft " " " "	34 + 35	1000
1425	3000ft " " " "	34 + 35	1000
	4000ft " " " "	34 + 35	1000
	5000ft " " " "	34 + 35	1000
	* 6000ft hearing did not open	N/A	N/A
	Carter's Ind Entrance	12	534
	* BO TEX (INOP)	N/A	N/A
	* Destiny Church couldn't turn on	N/A	N/A
	Family Worship	10	530
221	OAK ST Corner of OAK & Boyd Rd.	10	530
	across from Wilkes St.	10	530
	307 OAK ST.	12	545
	* 229 " " (INOP)	N/A	N/A
	220 " "	25	840
	210 " "	25	840
	103 " "	25	840
	* East Main 313 didn't show any pressure	N/A	N/A
	* CBT Bank already under pressure didn't take cap off		
	in fear of not getting cap back on		
	High St. 107	20	750
	EAST Main Post office	3	190
	* 701 can't turn on	N/A	N/A
	* 916 (no reading)	0	0
	900	7	455
	804	5	380

Estates		lbs sq in	gal p.m
tummingbird	137 Margate ^{relets} Way	15	650
	100 Jim Dr.	15	650
1297	corner margarette way Jerry Dr.	15	650
	margarette way Hog-mount.	3	190
mount Hog	4401	10	530
Brookridge	100	10	530
mount Hog	4541	25	840
"	4655	25	840
"	4750	25	840
"	mount-Hog + Boyd the corner	15	650
1271	ooper + Taliaferro Dr corner of.	5	380
maple Dr	110	5	380
257	" maple + Taliaferro corner of.	5	380
"	201	5	380
"	maple + Boyd corner of	5	380
Hawthorne	Dead End	10	530
Hawthorne + maple corners of can't turn on			
Taliaferro Dr	+ mount-Hog	20	750
"	" 311	15	650
"	" 213	5	380
"	" 207	5	380
"	" 200	5	380
Winstlett Dr.	102	5	380

Flushing Hydrant Route

54
total

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Richard
Willie

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5 - hydrants need to be "work on"
2 - need grease "hard to open"

	location	(ON)	#/sq. m. ^{6FF} gal/m	(Loop)
	N Hwy 29		20	800
	In Front of 157 Highland Does not close			
Pine	2 65 Pine Drive (Next to one that does not work)		20	800
Ameyon	3 Dead end on American legion (Hard to Turn)		50	750
region RD	In Front of Yellow house			
	4 In Front of 185 American legion RD		17	700
	5 In Front of American legion			
	Well (Does not close)			
Green	6 In between 107 & 105 Green		28	900
	7 50 ft from Granite on Green		35	950
	8 In Front of 301 Green		45	1100
	9 In Front of 503 Green (will not open and very wobbly)			
	10 603 Green		38	1050
Lincoln	11 Front of 602 Lincoln		35	1000
	12 169 Lincoln		18	650
	13 Front of 132 Lincoln (Chain off)		15	650
	14 Beside 118 Lincoln in woods 20 ft from Drive way		20	675
	15 Front of 119 Lincoln (Barn)		25	750
collier	16 Corner of East Main's (new) (parts to be ground) (100 East Main)		20	750
	17 Deco Across from 166 collier in front of driveway		13	550
1395	18 Mallard Lake Collier of Cuddegar		17	825
Mallard lake	(Dead end)			

105
107
109

pump 2075

	location	#/sq. m.	gal/m
Mallard			
Lake '19	#754 from Man head on left (Doesn't work)	X	X
	#533 on Hydron #1 (Will not turn on)	X	X
20	Front of Pool house	5	380
21	Front of 117 Duckwalk Way (Mallard lake)	5	380
22	Front of Information Mail Box (Hard to Turn will Not turn on)	X	Y
23	211 Mallard (Needs to be greased, Hard to turn on)	18	750
Projects	2701 from Mallard Inside Projects	30	1000
	Side of Projects on Collier side	24	950
White St	Front and left of 161 White.	40	1060
1371	26 Corner of White & Scott (200 White)	35	1000
887	27 Corner of White & Lincoln	30	920
Royal	28 front of 360 Rachel Corner of Royal & Lincoln	26	1000
	29 Corner of Royal & Scott (201 Royal)	22	950
	30 107 Royal	23	850
	31 101 Royal	30	920
Frederick	32 308 Frederick	25	1020
	33 208 Frederick	29	950
	34 Front of 206 Frederick	20	1000
	35 110 Frederick left side hard to undo	18	950
	36 100 Frederick	14	780
College St	37 corner of College & Commerce	20	780
	38 221 College	5	380
	39 Corner of Johnson & Asker 501 Asker	17	650
	40 Johnson & Marshall	30	950

	Location	# 1/2 in	gal/m
Johnson 41	Corner of Johnson & Baugh	17	900
42	Across street from 218 Johnson	17	850
43	211 Johnson	35	1000
44	Across from Cook house Johnson	20	1000
45	Johnson @ FBC (Church)	25	850
Greene 46	102 Granite	5	380
47	Other side of Water Tower Hard to Turn	15	530
48	Front of Water Tower	15	850
49	Front of Faith Church on Granite & Church	30	1600 1200
50	261 Granite	15	1600
51	369 Granite	40	1000
52	Front of Old Kennedy Met Granite	40	1000
Baugh 53	Corner of Baugh & Greenough	25	840
Marshall 54	Corner of Marshall & Greenough	40	1050

Mike E / James M.

Flushing Hydrant Route

47
John

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4 hydrants need to be "worked on"

Mike E. / James M.

(47)

Norwood rd at Valve

Hydro #1 15 LBS @ 650 gal min
addy - 910 Norwood - 560 FT

Hydro #2 - Addy 910 Norwood - 372
pressure 15 LBS 650 gal min

Hydro #3 pressure 15 LBS 650 gal min
1499 ~~404~~ FT Ralls Rd

Hydro #4 pressure 15 650 gal min
614 FT Ralls Rd

Hydro #5 321 foot Ralls Rd
15 LBS @ 650 gal min

Hydro #6 from Hydro #5 850
pressure 15 @ 650 LBS min

Hydro #7 946 from Hydro #6
15 LBS @ 650 ~~400~~ ³⁹⁴ min 381 to add 281 Norwood

addy 237 Norwood to Hydro #8 71 FT
pressure 15 LBS @ 650 gal min

Hydro #9 ¹⁰² ashew park @ den spring ⁵⁰¹ ~~502~~
15 LBS @ 650 gal min

Hydro #28 2414 Mabley Bridge Rd @ 57 FT
pressure 10 LBS @ 530 gal min

Hydro #29 2332
2347 Mabley Bridge Rd @ 20
pressure - 10 LBS @ 530 LBS

Hydro #30 ~~2265~~
Mabley Bridge Rd @ 58 FT
pressure 10 LBS @ 530 gal min

Hydro #31 2157 Mabley Bridge Rd @ 77 FT
pressure - 10 LBS @ 530 gal min

Hydro #32 6 Hightower Rd @ 21 FT
pressure - 10 LBS @ 530 gal min

Hydro #33 39 Hightower Rd @ 253 FT
pressure - 5 LBS @ 380 gal min

Hydro #34 City Barn @ Hightower Rd
pressure - 5 LBS @ 380 gal min

Hydro #35 1101 East River St @ 22 FT
pressure - valve will turn won't open gate

Hydro #36 1243 East River St @ 32 FT
pressure 15 LBS @ 650 gal min

Hydro #19
piggly wiggly Hwy 29 north
pressure - 1 LB @ 53 gal min

Hydro #20 Hwy 29 South - 219 @ 35 FT
Valve won't open Not on top Rounded off

Hydro #21
102 shallow creek 4 FT
pressure 5 LB @ 380 gal min

Hydro #22
111 shallow creek 16 FT
pressure 10 lbs @ 530 gal min

Hydro #23
123 Dusty Rd. @ 35 FT
= 1401 pressure 10 LBS @ 530 gal min

Hydro #24
J1199 Housing north of Hwy 29 South & Mobley Bridge
pressure 15 lbs @ 650 gal min

Hydro #25
Housing north @ Mobley Bridge
pressure - 10 @ 530 gal min

Hydro #26
214 Mobley Bridge rd 50 FT
pressure 10 LBS @ 530 gal min

Hydro #27
2542 Mobley Bridge Rd @ 219 FT
pressure 10 LBS @ 530 gal min

428 FT to
Hydro #10 ~~102~~ ~~104~~ 104 Waterwood Bend
pressure 15 LB @ 650 gal min

Hydro #11 addy 114 cedar park 20 FT
pressure 15 LB @ 650 gal min

Hydro #12 105 Norwood dr. 20 FT
pressure 15 LB @ 650 gal min

Hydro #13 417 power plant rd 5 FT to Hydro
pressure 1 LB @ 53 gal min

Hydro #14 203 Brazell st 23 FT
J1005 pressure 1 LB @ 53 gal min

Hydro #15 ~~207~~ Fox chase way
Hydro not opening valve

Hydro #16 ~~615~~ to crossroads
Hydro not working won't open valve

Hydro #17 413 Footlong @ 8 FT
J1423 pressure - 10 LB @ 530 gal min

Hydro #18 400 Footlong 197 FT
pressure - 10 LB @ 530 gal min

Hydro 37 East main & Russel Rd @ 90 Ft

pressure = 1 LB @ 53 gal min

Hydro #38 64 Russell rd @ 56 Ft

pressure = 1 LB @ 53 gal min

Hydro #39 105 Russell rd @ 90

pressure = 5 LBS @ 380 gal min

Hydro #40 Russell @ East main st @ 267^{ft}

J1353 pressure = 10 LB @ 530 gal min

Hydro #41 1600 East main st @ 243 Ft

pressure = 15 LB @ 650 gal min

Hydro #42 Jingle parking Lot East main st

J1341 pressure = 20 LBS @ 750 gal min

Hydro #43 Jingle Back of store

J1391 pressure = 15 LBS @ 650 gal min

Hydro #44 Entrance to wendys & Jingle

pressure = 15 LBS @ 650 gal min

Hydro #45 garden in a front yard

J1343 pressure = 40 LBS @ 1060 gal min

Hydro # 46

chuck yard East main st

Pressure - 35 LBS @ 1000 gal min

Hydro # 47

By gas vent station east main st. west

Pressure - 35 LBS @ 1000 gal min

Flushing Hydrant Route

3/6
JCM

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Billy & Robert
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All hydrants work fine

Crew #4

add across street from 105 Rensby dr.

CPM 580

PSI 10

Hyd. 6

add. 714 Northboyd

CPM 380

PSI 5

Hyd. 7

add 645 West main behind house on Brackesoad

CPM 530

PSI 18

Hyd. 8

add 0.25 Brooks Rd.

CPM 650

PSI 15

Hyd. 9

add 2.15 Brooks Rd.

CPM 530

PSI 18

Hyd. 10

Crew #4

add. 201 west main across Street
GPM 530
PSI 10
Hyd 16

add. 303 west main front yard
GPM 530
PSI 10
Hyd 17

add. 502 west main in front of house
GPM 380
PSI 5
Hyd 18

add. 516 west main in front of house
GPM 380
PSI 5
Hyd 19

add. corner of west ~~main~~ ^{main} & north bay
GPM 380
PSI 5
Hyd 20

Crew #4

add 626 west main across Road

cap 530

PSE 10

Hyd 21

add 203 Elm St in yard

cap 580

PSE 5

Hyd 22

add 310 Elmst in yard

cap 580

PSE 5

Hyd 23

add corner of Elm & Pine

cap 380

PSE 5

Hyd 24

add 205 pine st.

cap 380

PSE 5

Hyd 25

J1133 Add 312 pine St across road
GPM 380
PSI 5
Hyd 24

Add pine St. where old swimming pool was
GPM 530
PSI 10
Hyd. 27

4" Add 160 Springfield Heights end road
GPM 250
PSI 3
Hyd 28

Add 221 poplar in yard
GPM 530
PSI 10
Hyd 29

J1141 Add poplar St Cranston 94 Corner
GPM 650
PSI 15
Hyd 30

Cross #4

Add Jennings Holmes
Cpm 380
PSI 5
Hyd 31

1149 Add Boozers L Holmes meet
Cpm 530
PSI 10
Hyd 52

Add 214 boozers 183 feet to hydrant
Cpm 530
PSI 10
Hyd 33

Add 205 Brown St
Cpm 530
PSI 10
Hyd 34

Add 29 in front of piggy wiggly
Cpm 190
PSI 4
Hyd 35

Add 29 in front of mill

0-PM 530

PSI 10

And 36