CHICOPEE CITY COUNCIL
WATER RESOURCE COMMITTEE

APPROVED

MEMBERS
Gary Labrie, Chairman
Robert J. Zygarowski, Vice-Chairman
Adam Lamontagne
Jerry Roy
William Zaskey

MINUTES
June 10, 2014

The following are the minutes of a public hearing held Tuesday, June 10, 2014 at 7:00 PM in the Council Chambers, Fourth Floor, City Hall Annex, 274 Front Street, Chicopee, MA 01013.

Members Present Labrie, Zygarowski, Lamontagne, Roy, Zaskey

Also Present Councilor Krampits, Councilor Laflamme, Councilor Brooks, Councilor Tillotson, Daniel Garvey (Associate City Solicitor), Alan Starzyk (Water Superintendent), Al Pinciak (Water Commissioner), Richard Grabiec (Water Commissioner)

The meeting was called to order at 7:00 PM

In compliance with the open meeting laws the Chairman asked if anyone in the audience was recording the meeting.

ITEM #1
Communication dated May 23, 2014 from the Board of Water Commissioners regarding water rates.

Alan Starzyk presented the committee with the attached documents. It includes: new rates, old rates, budget, anticipated bond payment schedules, projections, consumption chart, Massachusetts Water Resources Authority (MWRA) Assessment.

Alan explained that bonds have been calculated into the new rates. The bonds will have to start getting paid in FY 2016. He further stated that the MWRA Assistant Program has provided $10 million for the CVA (Connecticut Valley Aqueducts) for water renovations. Chicopee uses 70% of the water of the CVA. The city can get up to $7 million of that funding. It is a 10 year loan at 0%. The City has utilized some of this funding already. This loan comes in increments of $700 thousand per year.

Alan also informed the committee that Chicopee supplies water for Westover. Water that is accounted for but not billed includes: Fire Protection, street sweeping, flushing, and leaks. 85-92% of water used is billed; 2.2% is unaccounted. That unaccounted percentage is extremely low compared to other communities. Alan stated other Massachusetts communities are envious of that low percentage of unaccounted water.

Alan stated that there is currently $3.8 million in loans and bonds. There were many scenarios discussed when the Board of Water Commissioners were discussing rates. He further stated that the consumption chart shows that usage through the years is decreasing. Therefore, revenue is not coming in so the rates have to increase.

Councilor Roy stated that Alan should make this presentation to the residents of the City on Channel 5.

Alan stated that the sewer separation project is having a drastic effect on the Water Department.

Councilor Lamontagne asked about leak detection. Mr. Pinciak stated that every two years a company is hired to conduct leak detection throughout the city. Since this company was hired they detect 1 or 2 minor leaks. He further stated that the city is not losing water through leaky pipes, or bad meters it's the unmetered water that the Water Department is aware that will be lost. (Fire protection, street sweeping, flushing). Jeff Neece stated that the percentage of water lost through leaks is extremely low. Councilor Lamontagne asked how Westover and Walmart get billed. Alan responded that Westover and Walmart are in a public water system in their own right. Chicopee sells water to Westover and the rate is negotiated with the government.

Councilor Lamontagne asked what projects have been completed with the money from the last increase. Alan replied that the following projects were done: Broadway and St. James, Sheridan, Montgomery, and North Willimansett.

Councilor Lamontagne stated that something needs to be done with the pools in the city parks. Jeff Neece replied that they are actively pursuing this problem. He further stated that the problem is that the pools all leak at the joints. Because the pool is not one piece of concrete but rather made in sections so the pool doesn't crack. Because of the chemicals used in the pool and the infrared lights the joints should be replaced every two-three years. What is being proposed to be done is to remove the joints and repair them professionally.

Alan stated that on any given year the MWRA rates change anywhere from 6.4% - 15%. That's hundreds of thousands of dollars just to buy the water.

Alan stated that it is more cost effective to do in house work to replace the pipes than to hire a contractor. The contractor price is $350 per linear foot. If the water department was to do the work replacing the pipes it would cost $150 per linear foot. He stated that more laborers are needed in his department in order to get this done. Councilor Brooks stated that perhaps it makes more sense to do the work in house.

Councilor Brooks asked if there is talk of privatizing the Water Department. Jeff Neece stated that the Mayor is looking into it but it's in the infancy stage at this point. Councilor Brooks asked if Jeff has seen other municipalities benefit from a privatized Water Department. Jeff responded that he has seen municipalities with privatized Water Departments but has not seen the benefits personally.

Councilor Tillotson stated that he is concerned that the tier price system has been eliminated. He is hoping that the Water Department is willing to compromise. He suggested that the rates only increase as needed not increase in advance in a large sum. He further stated that the increase proposed is 35% and he does not feel that the Water Department needs to increase by this much this year. He feels that residents of the City

are conserving water because they want to stay in the first tier price bracket. Councilor Tillotson stated that according to Chapter 269-6 the Water Commission makes up the rate and the Council ordains the rates. He feels that this is up for discussion also.

Mr. Pinciak stated that the commission is willing to review the figures again. He further stated that in the past the commission has found that it was easier to raise rates every three years.

Councilor Zygarowski suggested that the increase occur in intervals over a number of years not all at once. Alan responded that it's up to the Water Commission.

Alan stated that if the Water Department is to do the work replacing pipes not only are laborers needed but also equipment. But he felt that even if the city spends this money up front the long term benefits will out way the initial cost.

Jeff Neece stated that the Water Department has to take care of and assuring the biggest public health system in the city. He further stated that he and Alan both hold water operators licenses that are criminally controlled if mistakes are made. They have a responsibility that everyone who uses the water will be safe. He stated that this is what they have to do every day. It's not that they are trying to create a surplus to look good financially. They are trying to project ahead. That surplus is going to be spent on design for the next CSO project. He stated that these projects have to be paid for. There is a redundant line project that needs to be completed and if the city does not have a second source from Nash Hill Tank. If there was to be a break in a three inch pipe it would be catastrophic to the City.

Councilor Tillotson suggested that they raise money as needed not in advance. He further asked if the water department has enough money to run the department in the next fiscal year without eliminating the two tier system.

Councilor Zygarowski asked how much the redundant line project will cost. Alan Starzyk stated that it will be $9 million.

Councilor Krampits stated that he would not be opposed to having increment increases not all at once.

Motion made to table this item to the call of the chair. Motion passed.

ITEM #2
Minutes – February 28, 2008. Motion made to approve. Motion passed.

Meeting adjourned at 8:19 PM.

LEGAL NOTICE

CITY OF CHICOPEE, MASSACHUSETTS

This is to inform you that the Board of Water Commissioners, at their meeting of April 22, 2014, voted to implement the following service fee schedule, effective May 1, 2014 with the Water Usage Rates (quarterly) and minimum charge taking effect on July 1, 2014.

Jennifer Wolowicz
Chairwoman

Alfred Pinciak
Clerk

Richard Grabiec
Commissioner

CITY CLERK'S OFFICE
CITY OF CHICOPEE
2014 MAY 15 P 2: 22

FEE SCHEDULE

CROSS CONNECTION DEVICE

Devices Tested per Site	FEE
1	$75.00
2	$100.00
3	$125.00
4-6	$175.00
7-9	$250.00
10-15	$325.00
16-20	$400.00
21-25	$475.00
26-30	$550.00
31+	$625.00

PLAN REVIEW

New Site or Major Renovation **$75.00**

The fees will be applied for the testing of Reduced Pressure or Double Check Valve backflow prevention devices

CHICOPEE WATER DEPARTMENT
FEE SCHEDULES
REVISED FEES

ITEM	FEE	COMMENTS
I. Residential/Commercial/Agricultural/Industrial	$3.60	$3.60 per 100 cubic feet per quarter
Effective Date- July 1, 2014	$20.00	Minimum Fee per Quarter.

VALVE REPLACEMENT		Effective Date June 1, 2014
Valve Replacement (3/4 inch)	$ 75.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (1 inch)	$ 90.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (1 1/2 inch)	$ 120.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (2 inch)	$ 150.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (3/4 inch)	$ 125.00	Nights, Weekends & Holidays (After 3:00 PM)
Valve Replacement (1 inch)	$ 150.00	Nights, Weekends & Holidays (After 3:00 PM)
Valve Replacement (1 1/2 inch)	$ 200.00	Nights, Weekends & Holidays (After 3:00 PM)
Valve Replacement (2 inch)	$ 250.00	Nights, Weekends & Holidays (After 3:00 PM)

WATER SERVICE ON/OFF		Effective Date June 1, 2014
Turn On Water	$ 100.00	Nights, Weekends & Holidays (After 3:00 PM)
Turn Off Water	$ 100.00	Nights, Weekends & Holidays (After 3:00 PM)
Turn On Water and Install Meter	$ 130.00	Nights, Weekends & Holidays (After 3:00 PM)
Turn Off Water and Remove Meter	$ 130.00	Nights, Weekends & Holidays (After 3:00 PM)

NON-PAYMENT OF BILL		Effective Date June 1, 2014
Administrative Fee	$ 50.00	
Shut Off Fee	$ 175.00	

MISCELLANEOUS CHARGES		Effective Date June 1, 2014
Meter Test	$ 75.00	At Customers Request (If Fail $75 Returned)
Pressure Test (Witnessed by CWD)	$ 150.00	$150 for first two hours & $75 per hour thereafter
Fireflow Test	$ 200.00	Includes written report
Hydrant Hook-Up 2 inch (per day)	$ 125.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 2 inch (per week)	$ 250.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 2 inch (per month)	$ 750.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 3/4 & 1 inch (per day)	$ 75.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 3/4 & 1 inch (per week)	$ 150.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 3/4 & 1 inch (per month)	$ 400.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up (per day)	$ 150.00	Nights, Weekends & Holidays (After 3:00 PM)
Demolition Fee	$ 500.00	Includes disconnection at Water Main
Secondary Meter Application	$ 50.00	Total of $250 for Inspection and Administration
Secondary Meter Installation & Inspection	$ 200.00	Additional cost for other than 5/8" meter
Frozen Meter Charges (5/8 inch)	$ 100.00	Charged if meter freezes and must be replaced
Frozen Meter Charges (3/4 inch)	$ 125.00	Charged if meter freezes and must be replaced
Frozen Meter Charges (1 inch)	$ 175.00	Charged if meter freezes and must be replaced
Frozen Meter Charges (5/8 inch)	$ 175.00	Nights, Weekends & Holidays (After 3:00 PM)
Frozen Meter Charges (3/4 inch)	$ 200.00	Nights, Weekends & Holidays (After 3:00 PM)
Frozen Meter Charges (1 inch)	$ 225.00	Nights, Weekends & Holidays (After 3:00 PM)

CHICOPEE WATER DEPARTMENT
FEE SCHEDULES
REVISED FEES

ITEM	FEE	COMMENTS
FIRE SERVICE FEES		Effective Date July 1, 2014
Connection Size (inches): 1	$ 50.00	Billed Quarterly
Connection Size (inches): 2	$ 70.00	Billed Quarterly
Connection Size (inches): 2.5	$ 80.00	Billed Quarterly
Connection Size (inches): 3	$ 100.00	Billed Quarterly
Connection Size (inches): 4	$ 130.00	Billed Quarterly
Connection Size (inches): 6	$ 150.00	Billed Quarterly
Connection Size (inches): 8	$ 170.00	Billed Quarterly
Connection Size (inches): 10	$ 200.00	Billed Quarterly
Connection Size (inches): 12	$ 230.00	Billed Quarterly

OTHER FEES		Effective Date June 1, 2014
Cross Connection Permit	$ 100.00	Per device. Includes annual permit (double check valves 1X per year, reduced pressure zone backflow preventor 2X per year, retests) surveys and inspections. (No charge for residential devices).
Cross Connection Plan Review Fee	$ 75.00	Review plans for Cross Connections. New or renovated facilities.
Cross Connection Device Installation Fee	$ 75.00	Fee for inspecting & testing of device after plans have been reviewed and its determined that double check valve or reduced pressure device must be installed.

Connection Permit (New Connections)	
3/4 to 1 inch	$ 850.00
1 1/2 to 2 inch	$ 1,200.00
4 to 8 inch	$ 3,000.00
10 inch and larger	$ 5,000.00

Connection/Renewal Fees	**Labor Fees**
3/4 to 1 inch	$800 Minimum Charge, $7.50 per each additional ft. over 50 ft.
1 1/2 to 2 inch	$1200 Minimum Charge, $10.00 per each additional ft. over 50 ft.
4 to 8 inch	$1500 Minimum Charge, $25.00 per each additional ft. over 50 ft.
12 inch and larger	$2500 Minimum Charge, $45.00 per each additional ft. over 50 ft.
Material Fees	**Market Prices**

LEGAL NOTICE

CITY OF CHICOPEE, MASSACHUSETTS

CITY CLERK'S OFFICE
CITY OF CHICOPEE
2012 JUN 18 A 11: 16

This is to inform you that the Board of Water Commissioners, at their meeting of March 28th, 2012, voted to implement the following service fee schedule, effective April 1, 2012 with the Water Usage Rates (quarterly) and minimum charge taking effect on July 1, 2012.

David Schryver
Chairman

Jennifer Wolowicz
Clerk

Kenneth Ritchott
Commissioner

FEE SCHEDULE

CROSS CONNECTION DEVICE

Devices Tested per Site	FEE
1	$75.00
2	$100.00
3	$125.00
4-6	$175.00
7-9	$250.00
10-15	$325.00
16-20	$400.00
21-25	$475.00
26-30	$550.00
31+	$625.00

PLAN REVIEW

New Site or Major Renovation **$75.00**

The fees will be applied for the testing of Reduced Pressure or Double Check Valve backflow prevention devices

CHICOPEE WATER DEPARTMENT
FEE SCHEDULES
REVISED FEES

ITEM	FEE	COMMENTS
QUARTERLY WATER RATE SCHEDULE		Effective Date July 1, 2012
CATEGORY		
I. Residential/Commercial/Agricultural	$ 3.00	$3.00 per 100 cubic feet for 1000 cf or more per quarter
	$ 2.70	$2.70 per 100 cubic Feet for less than 1000 cf/quarter
	$ 10.00	Minimum Fee per Quarter.
VALVE REPLACEMENT		Effective Date April 1, 2012
Valve Replacement (3/4 inch)	$ 75.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (1 inch)	$ 75.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (1 1/2 inch)	$ 120.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (2 inch)	$ 150.00	7:00 AM to 3:00 PM (Monday - Friday)
Valve Replacement (3/4 inch)	$ 125.00	Nights, Weekends & Holidays (After 3:00 PM)
Valve Replacement (1 inch)	$ 150.00	Nights, Weekends & Holidays (After 3:00 PM)
Valve Replacement (1 1/2 inch)	$ 200.00	Nights, Weekends & Holidays (After 3:00 PM)
Valve Replacement (2 inch)	$ 250.00	Nights, Weekends & Holidays (After 3:00 PM)
WATER SERVICE ON/OFF		Effective Date April 1, 2012
Turn On Water	$ 100.00	Nights, Weekends & Holidays (After 3:00 PM)
Turn Off Water	$ 100.00	Nights, Weekends & Holidays (After 3:00 PM)
Turn On Water and Install Meter	$ 130.00	Nights, Weekends & Holidays (After 3:00 PM)
Turn Off Water and Remove Meter	$ 130.00	Nights, Weekends & Holidays (After 3:00 PM)
NON-PAYMENT OF BILL		Effective Date April 1, 2012
Administrative Fee	$ 50.00	
Shut Off Fee	$ 175.00	
MISCELLANEOUS CHARGES		Effective Date April 1, 2012
Meter Test	$ 75.00	At Customers Request (If OK $75 Returned)
Pressure Test (Witnessed by CWD)	$ 150.00	$150 for first two hours & $75 per hour thereafter
Fireflow Test	$ 200.00	Includes written report
Hydrant Hook-Up 2 inch (per day)	$ 100.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 2 inch (per week)	$ 250.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 2 inch (per month)	$ 750.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 3/4 & 1 inch (per day)	$ 50.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 3/4 & 1 inch (per week)	$ 125.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up 3/4 & 1 inch (per month)	$ 400.00	8:00 AM to 3:00 PM (Monday - Friday)
Hydrant Hook-Up (per day)	$ 150.00	Nights, Weekends & Holidays (After 3:00 PM)
Demolition Fee	$ 500.00	Includes disconnection at Water Main
Secondary Meter Application	$ 50.00	Total of $250 for Inspection and Administration
Secondary Meter Installation & Inspection	$ 200.00	Additional cost fo other than 5/8" meter
Frozen Meter Charges (5/8 inch)	$ 100.00	Charged if meter freezes and must be replaced
Frozen Meter Charges (3/4 inch)	$ 125.00	Charged if meter freezes and must be replaced
Frozen Meter Charges (1 inch)	$ 175.00	Charged if meter freezes and must be replaced
Frozen Meter Charges (5/8 inch)	$ 175.00	Nights, Weekends & Holidays (After 3:00 PM)
Frozen Meter Charges (3/4 inch)	$ 200.00	Nights, Weekends & Holidays (After 3:00 PM)
Frozen Meter Charges (1 inch)	$ 225.00	Nights, Weekends & Holidays (After 3:00 PM)

CHICOPEE WATER DEPARTMENT
FEE SCHEDULES
REVISED FEES

ITEM	FEE	COMMENTS

PROPOSED CROSS CONNECTION FEES — Effective April 1, 2012

FIRE SERVICE FEES		
Connection Size (inches): 1	$ 40.00	Billed Quarterly
Connection Size (inches): 2	$ 60.00	Billed Quarterly
Connection Size (inches): 2.5	$ 80.00	Billed Quarterly
Connection Size (inches): 3	$ 100.00	Billed Quarterly
Connection Size (inches): 4	$ 120.00	Billed Quarterly
Connection Size (inches): 6	$ 140.00	Billed Quarterly
Connection Size (inches): 8	$ 160.00	Billed Quarterly
Connection Size (inches): 10	$ 180.00	Billed Quarterly
Connection Size (inches): 12	$ 200.00	Billed Quarterly

OTHER FEES — Effective April 1, 2012

Cross Connection Permit	$ 100.00	Per device. Includes annual permit (double check valves 1X per year, reduced pressure zone backflow preventor 2X per year, retests) surveys and inspections. (No charge for residential devices).
Cross Connection Plan Review Fee	$ 75.00	Review plans for Cross Connections. New or renovated facilities.
Cross Connection Device Installation Fee	$ 75.00	Fee for inspecting & testing of device after plans have been reviewed and its determined that double check valve or reduced pressure device must be installed.

Connection Permit (New Connections)	
3/4 to 1 inch	$ 500.00
1 1/2 to 2 inch	$ 750.00
4 to 8 inch	$ 1,000.00
12 inch and larger	$ 1,500.00

Connection/Renewal Fees	**Labor Fees**
3/4 to 1 inch	$800 Minimum Charge, $7.50 per each additional ft. over 50 ft.
1 1/2 to 2 inch	$1200 Minimum Charge, $10.00 per each additional ft. over 50 ft.
4 to 8 inch	$1500 Minimum Charge, $25.00 per each additional ft. over 50 ft.
12 inch and larger	$2500 Minimum Charge, $45.00 per each additional ft. over 50 ft.

Material Fees	**Market Prices**

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER			2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
4	D.P.W.						
450	WATER						
1	SALARIES						
63004501	514002	LONGEVITY	13,175.00	14,050.00	12,825.00	.00	.00
63004501	514010	SUPT OF WA	70,318.04	70,318.00	70,318.00	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514014	OUT OF RAN	3,000.00	3,000.00	3,000.00	.00	.00
63004501	514020	ASS'T SUPE	59,092.68	59,904.72	59,904.72	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514035	JR CIVIL E	46,259.20	94,835.28	96,340.32	.00	.00
	POSITIONS: FY 2014 2 POSITIONS: FY 2015 2						
63004501	514040	BACTERIOLO	50,440.00	51,135.12	51,135.12	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514045	INVT COORD	40,518.40	41,070.96	40,690.94	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514046	BILL COORD	38,129.01	38,659.32	38,659.32	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514050	CLERK	61,370.40	62,227.62	62,227.62	.00	.00
	POSITIONS: FY 2014 2 POSITIONS: FY 2015 2						

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER			2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
63004501	514060	PRINCIPAL	.00	35,986.44	35,896.42	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514070	SR ACCOUNT	38,129.03	38,659.32	38,659.32	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514120	FOREMAN	85,363.20	86,526.72	130,870.08	.00	.00
	POSITIONS: FY 2014 2 POSITIONS: FY 2015 3						
63004501	514130	WATER METE	34,652.80	36,541.68	39,755.52	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514140	WATER SYS	209,705.60	206,857.12	261,376.04	.00	.00
	POSITIONS: FY 2014 6 POSITIONS: FY 2015 8						
63004501	514150	SEASONAL E	25,920.00	25,920.00	38,400.00	.00	.00
	POSITIONS: FY 2014 4 POSITIONS: FY 2015 4						
63004501	514180	SR T/P OPT	59,092.83	59,904.72	59,904.72	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514190	CROSS CONN	46,675.20	49,422.96	51,552.72	.00	.00
	POSITONS: FY 2014 1 POSITONS: FY 2015 1						
63004501	514200	METER READ	125,334.40	156,906.75	154,971.36	.00	.00
	POSITIONS: FY 2014 4 POSITIONS: FY 2015 4						
63004501	514210	WTR MTR RE	42,681.60	43,263.36	43,263.36	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514220	HEAVY MEO	85,363.20	86,526.72	86,526.72	.00	.00
	POSITIONS: FY 2014 2 POSITIONS: FY 2015 2						

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER			2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
63004501	514240	GENERAL FO	50,856.00	51,552.72	51,552.72	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514255	WATER SYST	35,817.60	36,310.32	36,310.32	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514270	LABORATORY	43,576.01	44,182.08	45,852.48	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514290	SPECIAL ME	34,652.80	36,124.08	39,337.92	.00	.00
	POSITIONS: FY 2014 1 POSITIONS: FY 2015 1						
63004501	514300	CROSS CONN	59,092.80	59,904.72	59,904.72	.00	.00
	POSITIONS: FY 2014 1 POSITOINS: FY 2015 1						
63004501	514350	OVERTIME	163,129.00	95,000.00	120,000.00	.00	.00
63004501	519890	EMERGENCY	35,000.00	35,000.00	35,000.00	.00	.00
TOTAL SALARIES			1,557,344.80	1,619,790.73	1,764,235.46	.00	.00

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER			2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
2	EXPENSES						
63004502	519300	CLOTHING	6,450.00	6,700.00	7,650.00	.00	.00
63004502	521001	LIGHT AND	28,461.28	28,033.52	28,000.00	.00	.00
63004502	521101	GAS	18,287.13	16,278.77	21,000.00	.00	.00
63004502	524001	REP TO BUI	4,726.80	9,745.97	9,000.00	.00	.00
63004502	524004	REP TO VEH	22,390.80	39,738.32	22,000.00	.00	.00
63004502	524005	REP TO EQU	70,465.73	83,108.14	70,000.00	.00	.00
63004502	524010	REP TO OFF	1,500.00	500.00	1,500.00	.00	.00
63004502	524014	REP TO RAD	2,200.00	200.00	.00	.00	.00
63004502	524025	SMALL TOOL	8,175.99	8,000.00	10,000.00	.00	.00
63004502	527000	RENTAL OF	18,352.18	18,389.72	17,500.00	.00	.00

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER		2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
63004502 530005	EDUCATION/	8,040.00	3,780.00	6,900.00	.00	.00
63004502 534100	TELEPHONE	15,223.18	9,611.59	15,000.00	.00	.00
63004502 534300	PRINTING A	3,500.00	1,500.00	3,500.00	.00	.00
63004502 534400	POSTAGE	10,500.00	10,500.00	16,500.00	.00	.00
63004502 538000	SPECIAL SE	42,267.58	44,843.22	50,000.00	.00	.00
63004502 538006	ADVERTISIN	1,300.00	1,300.00	1,300.00	.00	.00
63004502 542100	OFFICE SUP	2,870.00	2,641.62	2,500.00	.00	.00
63004502 543102	PIPE AND F	83,947.13	82,307.77	80,000.00	.00	.00
63004502 546103	GRAVEL,LOA	3,500.00	5,000.00	5,000.00	.00	.00
63004502 548002	TIRES AND	5,036.43	6,707.00	4,000.00	.00	.00
63004502 548007	LUBRICANTS	1,000.00	1,000.00	1,000.00	.00	.00

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER		2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
63004502 548100	GAS/OIL CI	59,718.07	52,000.00	52,000.00	.00	.00
63004502 553030	ASPHALT,TA	38,918.95	37,009.89	40,000.00	.00	.00
63004502 558005	SUBSCRIPTI	200.00	200.00	200.00	.00	.00
63004502 558110	MISC DEPT	12,295.95	11,263.28	10,000.00	.00	.00
63004502 558200	CHEMICALS,	22,561.00	26,597.12	30,000.00	.00	.00
63004502 558300	BOOKS,RECO	200.00	200.00	1,200.00	.00	.00
63004502 571000	TRAVEL	519.50	500.00	500.00	.00	.00
63004502 573000	MEMBERSHIP	3,400.00	3,600.00	4,200.00	.00	.00
63004502 574000	INSURANCE-	57,565.28	88,978.45	89,793.13	.00	.00
63004502 574002	INSURANCE-	19,236.00	21,199.62	18,440.52	.00	.00
63004502 574003	INSURANCE-	3,739.96	4,517.82	5,632.18	.00	.00

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER		2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL	
63004502 578300	SUBSISTENC	500.00	500.00	500.00	.00	.00	
63004502 585108	OFFICE EQU	500.00	1,000.00	2,000.00	.00	.00	
63004502 645001	WATER METE	77,322.03	74,703.63	75,000.00	.00	.00	
63004502 645002	HYDRANTS	44,605.12	48,974.31	45,000.00	.00	.00	
63004502 645035	REP TO TOO	750.00	750.00	750.00	.00	.00	
TOTAL EXPENSES		700,226.09	751,879.76	747,565.83	.00		.00

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER			2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
4	SPECIAL ACCOUNTS						
63004504	520050	MEDICARE T	18,250.36	17,999.42	18,247.28	.00	.00
63004504	520070	PENSION FU	386,003.00	390,788.00	424,824.00	.00	.00
63004504	585101	PURCHASE O	53,349.23	80,164.33	50,000.00	.00	.00
63004504	644020	MEDICAL IN	244,984.91	278,121.50	217,210.77	.00	.00
63004504	645005	ADMIN LOCA	90,511.76	132,812.44	146,607.46	.00	.00
63004504	645006	LEAK DETEC	70,879.16	60,000.00	8,000.00	.00	.00
63004504	645013	SOURCE OF	3,422,982.03	3,628,782.03	3,360,595.42	.00	.00
63004504	645023	CHEMICAL F	77,642.09	70,000.00	50,000.00	.00	.00
63004504	645028	WATER CAPI	75,101.16	37,100.00	40,000.00	.00	.00
63004504	645029	CORROSION	183,741.71	152,635.31	150,000.00	.00	.00

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER		2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
63004504 645031	DIG MAP/CO	44,415.85	50,313.24	7,500.00	.00	.00
63004504 645033	WATER TANK	212,479.24	20,000.00	500.00	.00	.00
63004504 645046	DEP-SDWA A	30,337.56	20,000.00	18,000.00	.00	.00
63004504 645048	METER&SUPP	107,482.15	92,973.19	60,000.00	.00	.00
63004504 645054	PIPELINE/R	40,000.00	132,869.60	40,000.00	.00	.00
63004504 645061	REDUNDPROJ	.00	340,000.00	.00	.00	.00
TOTAL SPECIAL ACCOUNTS		5,058,160.21	5,504,559.06	4,591,484.93	.00	.00
TOTAL WATER		7,315,731.10	7,876,229.55	7,103,286.22	.00	.00
TOTAL D.P.W.		7,315,731.10	7,876,229.55	7,103,286.22	.00	.00

PROJECTION: 2015 FY 2015 BUDGET FOR PERIOD 1

WATER			2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
7	DEBT SERVICE						
711	WATER BONDS						
4	SPECIAL ACCOUNTS						
63007114	592234	WATER FT/C	120,000.00	120,000.00	120,000.00	.00	.00
63007114	592236	MAINS EAST	93,500.00	93,500.00	93,500.00	.00	.00
63007114	592237	BROAD/STJA	.00	115,000.00	115,000.00	.00	.00
TOTAL SPECIAL ACCOUNTS			213,500.00	328,500.00	328,500.00	.00	.00
TOTAL WATER BONDS			7,529,231.10	328,500.00	328,500.00	.00	.00

PROJECTION: 2015 FY 2015 BUDGET

FOR PERIOD 1

WATER		2013 REVISED BUD	2014 REVISED BUD	2015 REQUEST	2015 REVIEW	2015 FINAL
751	WATER INTEREST					
4	SPECIAL ACCOUNTS					
63007514 592100	BOND ANTIC	.00	.00	.00	.00	.00
63007514 592234	WATER FT/C	85,350.00	82,650.00	79,350.00	.00	.00
TOTAL SPECIAL ACCOUNTS		85,350.00	82,650.00	79,350.00	.00	.00
TOTAL WATER INTEREST		85,350.00	82,650.00	79,350.00	.00	.00
TOTAL DEBT SERVICE		298,850.00	411,150.00	407,850.00	.00	.00
TOTAL WATER		7,614,581.10	8,287,379.55	7,511,136.22	.00	.00
	GRAND TOTAL	7,614,581.10	8,287,379.55	7,511,136.22	.00	.00

** END OF REPORT - Generated by Diane Beauregard **

City of Chicopee, Massachusetts

$9,000,000 MWPAT Bonds Dated September 1, 2014

Water Lines - 20 years

Estimated and Subject to Change

Debt Service Schedule

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
09/01/2014	-	-	-	-	-
01/01/2015	483,216.00	2.000%	60,000.00	543,216.00	-
06/30/2015	-	-	-	-	543,216.00
07/01/2015	-	-	88,167.84	88,167.84	-
01/01/2016	372,880.00	2.000%	88,167.84	461,047.84	-
06/30/2016	-	-	-	-	543,215.68
07/01/2016	-	-	81,439.04	81,439.04	-
01/01/2017	380,337.00	2.000%	81,439.04	461,776.04	-
06/30/2017	-	-	-	-	543,215.08
07/01/2017	-	-	77,635.67	77,635.67	-
01/01/2018	387,944.00	2.000%	77,635.67	465,579.67	-
06/30/2018	-	-	-	-	543,215.34
07/01/2018	-	-	73,756.23	73,756.23	-
01/01/2019	395,703.00	2.000%	73,756.23	469,459.23	-
06/30/2019	-	-	-	-	543,215.46
07/01/2019	-	-	69,799.20	69,799.20	-
01/01/2020	403,617.00	2.000%	69,799.20	473,416.20	-
06/30/2020	-	-	-	-	543,215.40
07/01/2020	-	-	65,763.03	65,763.03	-
01/01/2021	411,690.00	2.000%	65,763.03	477,453.03	-
06/30/2021	-	-	-	-	543,216.06
07/01/2021	-	-	61,646.13	61,646.13	-
01/01/2022	419,923.00	2.000%	61,646.13	481,569.13	-
06/30/2022	-	-	-	-	543,215.26
07/01/2022	-	-	57,446.90	57,446.90	-
01/01/2023	428,322.00	2.000%	57,446.90	485,768.90	-
06/30/2023	-	-	-	-	543,215.80
07/01/2023	-	-	53,163.68	53,163.68	-
01/01/2024	436,888.00	2.000%	53,163.68	490,051.68	-
06/30/2024	-	-	-	-	543,215.36
07/01/2024	-	-	48,794.80	48,794.80	-
01/01/2025	445,626.00	2.000%	48,794.80	494,420.80	-
06/30/2025	-	-	-	-	543,215.60
07/01/2025	-	-	44,338.54	44,338.54	-
01/01/2026	454,539.00	2.000%	44,338.54	498,877.54	-
06/30/2026	-	-	-	-	543,216.08
07/01/2026	-	-	39,793.15	39,793.15	-
01/01/2027	463,629.00	2.000%	39,793.15	503,422.15	-
06/30/2027	-	-	-	-	543,215.30
07/01/2027	-	-	35,156.86	35,156.86	-
01/01/2028	472,902.00	2.000%	35,156.86	508,058.86	-
06/30/2028	-	-	-	-	543,215.72
07/01/2028	-	-	30,427.84	30,427.84	-
01/01/2029	482,360.00	2.000%	30,427.84	512,787.84	-
06/30/2029	-	-	-	-	543,215.68
07/01/2029	-	-	25,604.24	25,604.24	-
01/01/2030	492,007.00	2.000%	25,604.24	517,611.24	-
06/30/2030	-	-	-	-	543,215.48
07/01/2030	-	-	20,684.17	20,684.17	-
01/01/2031	501,847.00	2.000%	20,684.17	522,531.17	-
06/30/2031	-	-	-	-	543,215.34
07/01/2031	-	-	15,665.70	15,665.70	-
01/01/2032	511,884.00	2.000%	15,665.70	527,549.70	-
06/30/2032	-	-	-	-	543,215.40
07/01/2032	-	-	10,546.86	10,546.86	-
01/01/2033	522,122.00	2.000%	10,546.86	532,668.86	-
06/30/2033	-	-	-	-	543,215.72
07/01/2033	-	-	5,325.64	5,325.64	-
01/01/2034	532,564.00	2.000%	5,325.64	537,889.64	-
06/30/2034	-	-	-	-	543,215.28
Total	$9,000,000.00	-	$1,864,311.04	$10,864,311.04	-

Yield Statistics

Bond Year Dollars	$93,215.55
Average Life	10.357 Years
Average Coupon	2.0000000%
Net Interest Cost (NIC)	2.0000000%
True Interest Cost (TIC)	2.0001216%
Bond Yield for Arbitrage Purposes	2.0001216%
All Inclusive Cost (AIC)	2.0001216%

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Net Interest Cost	2.0000000%
Weighted Average Maturity	10.357 Years

14-03-05[4] 2014 20y | SEWERPROJ | 8/7/2014 | 11:09 AM

City of Chicopee, Massachusetts

$3,300,000 General Obligation Bonds Dated April 15, 2014
Water (incidental to sewer work) - Level Debt - 20 years
Interest Estimated and Subject to Change

Debt Service Schedule

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
04/15/2014	-	-	-	-	-
10/15/2014	-	-	70,125.00	70,125.00	-
04/15/2015	110,000.00	4.250%	70,125.00	180,125.00	-
06/30/2015	-	-	-	-	250,250.00
10/15/2015	-	-	67,787.50	67,787.50	-
04/15/2016	110,000.00	4.250%	67,787.50	177,787.50	-
06/30/2016	-	-	-	-	245,575.00
10/15/2016	-	-	65,450.00	65,450.00	-
04/15/2017	115,000.00	4.250%	65,450.00	180,450.00	-
06/30/2017	-	-	-	-	245,900.00
10/15/2017	-	-	63,006.25	63,006.25	-
04/15/2018	120,000.00	4.250%	63,006.25	183,006.25	-
06/30/2018	-	-	-	-	246,012.50
10/15/2018	-	-	60,456.25	60,456.25	-
04/15/2019	125,000.00	4.250%	60,456.25	185,456.25	-
06/30/2019	-	-	-	-	245,912.50
10/15/2019	-	-	57,800.00	57,800.00	-
04/15/2020	135,000.00	4.250%	57,800.00	192,800.00	-
06/30/2020	-	-	-	-	250,600.00
10/15/2020	-	-	54,931.25	54,931.25	-
04/15/2021	140,000.00	4.250%	54,931.25	194,931.25	-
06/30/2021	-	-	-	-	249,862.50
10/15/2021	-	-	51,956.25	51,956.25	-
04/15/2022	145,000.00	4.250%	51,956.25	196,956.25	-
06/30/2022	-	-	-	-	248,912.50
10/15/2022	-	-	48,875.00	48,875.00	-
04/15/2023	150,000.00	4.250%	48,875.00	198,875.00	-
06/30/2023	-	-	-	-	247,750.00
10/15/2023	-	-	45,687.50	45,687.50	-
04/15/2024	155,000.00	4.250%	45,687.50	200,687.50	-
06/30/2024	-	-	-	-	246,375.00
10/15/2024	-	-	42,393.75	42,393.75	-
04/15/2025	165,000.00	4.250%	42,393.75	207,393.75	-
06/30/2025	-	-	-	-	249,787.50
10/15/2025	-	-	38,887.50	38,887.50	-
04/15/2026	170,000.00	4.250%	38,887.50	208,887.50	-
06/30/2026	-	-	-	-	247,775.00
10/15/2026	-	-	35,275.00	35,275.00	-
04/15/2027	180,000.00	4.250%	35,275.00	215,275.00	-
06/30/2027	-	-	-	-	250,550.00
10/15/2027	-	-	31,450.00	31,450.00	-
04/15/2028	185,000.00	4.250%	31,450.00	216,450.00	-
06/30/2028	-	-	-	-	247,900.00
10/15/2028	-	-	27,518.75	27,518.75	-
04/15/2029	195,000.00	4.250%	27,518.75	222,518.75	-
06/30/2029	-	-	-	-	250,037.50
10/15/2029	-	-	23,375.00	23,375.00	-
04/15/2030	200,000.00	4.250%	23,375.00	223,375.00	-
06/30/2030	-	-	-	-	246,750.00
10/15/2030	-	-	19,125.00	19,125.00	-
04/15/2031	210,000.00	4.250%	19,125.00	229,125.00	-
06/30/2031	-	-	-	-	248,250.00
10/15/2031	-	-	14,662.50	14,662.50	-
04/15/2032	220,000.00	4.250%	14,662.50	234,662.50	-
06/30/2032	-	-	-	-	249,325.00
10/15/2032	-	-	9,987.50	9,987.50	-
04/15/2033	230,000.00	4.250%	9,987.50	239,987.50	-
06/30/2033	-	-	-	-	249,975.00
10/15/2033	-	-	5,100.00	5,100.00	-
04/15/2034	240,000.00	4.250%	5,100.00	245,100.00	-
06/30/2034	-	-	-	-	250,200.00
Total	$3,300,000.00	-	$1,667,700.00	$4,967,700.00	-

Yield Statistics

Bond Year Dollars	$39,240.00
Average Life	11.891 Years
Average Coupon	4.25000000%
Net Interest Cost (NIC)	4.25000000%
True Interest Cost (TIC)	4.25000000%
Bond Yield for Arbitrage Purposes	4.25000000%
All Inclusive Cost (AIC)	4.25000000%

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Net Interest Cost	4.25000000%
Weighted Average Maturity	11.891 Years

14-01-06 Prop April 1 201 | Water (incidental to sewer | 3/6/2014 | 5:53 PM

City of Chicopee, Massachusetts

$9,000,000 General Obligation Bonds Dated April 15, 2014

Water Lines - Level Debt - 20 years

'Interest Estimated and Subject to Change'

Debt Service Schedule

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
04/15/2014	-	-	-	-	-
10/15/2014	-	-	191,250.00	191,250.00	-
04/15/2015	295,000.00	4.250%	191,250.00	486,250.00	-
06/30/2015	-	-	-	-	677,500.00
10/15/2015	-	-	184,981.25	184,981.25	-
04/15/2016	305,000.00	4.250%	184,981.25	489,981.25	-
06/30/2016	-	-	-	-	674,962.50
10/15/2016	-	-	178,500.00	178,500.00	-
04/15/2017	320,000.00	4.250%	178,500.00	498,500.00	-
06/30/2017	-	-	-	-	677,000.00
10/15/2017	-	-	171,700.00	171,700.00	-
04/15/2018	335,000.00	4.250%	171,700.00	506,700.00	-
06/30/2018	-	-	-	-	678,400.00
10/15/2018	-	-	164,581.25	164,581.25	-
04/15/2019	350,000.00	4.250%	164,581.25	514,581.25	-
06/30/2019	-	-	-	-	679,162.50
10/15/2019	-	-	157,143.75	157,143.75	-
04/15/2020	360,000.00	4.250%	157,143.75	517,143.75	-
06/30/2020	-	-	-	-	674,287.50
10/15/2020	-	-	149,493.75	149,493.75	-
04/15/2021	380,000.00	4.250%	149,493.75	529,493.75	-
06/30/2021	-	-	-	-	678,987.50
10/15/2021	-	-	141,418.75	141,418.75	-
04/15/2022	395,000.00	4.250%	141,418.75	536,418.75	-
06/30/2022	-	-	-	-	677,837.50
10/15/2022	-	-	133,025.00	133,025.00	-
04/15/2023	410,000.00	4.250%	133,025.00	543,025.00	-
06/30/2023	-	-	-	-	676,050.00
10/15/2023	-	-	124,312.50	124,312.50	-
04/15/2024	430,000.00	4.250%	124,312.50	554,312.50	-
06/30/2024	-	-	-	-	678,625.00
10/15/2024	-	-	115,175.00	115,175.00	-
04/15/2025	445,000.00	4.250%	115,175.00	560,175.00	-
06/30/2025	-	-	-	-	675,350.00
10/15/2025	-	-	105,718.75	105,718.75	-
04/15/2026	465,000.00	4.250%	105,718.75	570,718.75	-
06/30/2026	-	-	-	-	676,437.50
10/15/2026	-	-	95,837.50	95,837.50	-
04/15/2027	485,000.00	4.250%	95,837.50	580,837.50	-
06/30/2027	-	-	-	-	676,675.00
10/15/2027	-	-	85,531.25	85,531.25	-
04/15/2028	505,000.00	4.250%	85,531.25	590,531.25	-
06/30/2028	-	-	-	-	676,062.50
10/15/2028	-	-	74,800.00	74,800.00	-
04/15/2029	525,000.00	4.250%	74,800.00	599,800.00	-
06/30/2029	-	-	-	-	674,600.00
10/15/2029	-	-	63,643.75	63,643.75	-
04/15/2030	550,000.00	4.250%	63,643.75	613,643.75	-
06/30/2030	-	-	-	-	677,287.50
10/15/2030	-	-	51,956.25	51,956.25	-
04/15/2031	575,000.00	4.250%	51,956.25	626,956.25	-
06/30/2031	-	-	-	-	678,912.50
10/15/2031	-	-	39,737.50	39,737.50	-
04/15/2032	595,000.00	4.250%	39,737.50	634,737.50	-
06/30/2032	-	-	-	-	674,475.00
10/15/2032	-	-	27,093.75	27,093.75	-
04/15/2033	625,000.00	4.250%	27,093.75	652,093.75	-
06/30/2033	-	-	-	-	679,187.50
10/15/2033	-	-	13,812.50	13,812.50	-
04/15/2034	650,000.00	4.250%	13,812.50	663,812.50	-
06/30/2034	-	-	-	-	677,625.00
Total	$9,000,000.00	-	$4,539,425.00	$13,539,425.00	-

Yield Statistics

Bond Year Dollars	$106,810.00
Average Life	11.868 Years
Average Coupon	4.2500000%
Net Interest Cost (NIC)	4.2500000%
True Interest Cost (TIC)	4.2500000%
Bond Yield for Arbitrage Purposes	4.2500000%
All Inclusive Cost (AIC)	4.2500000%

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Net Interest Cost	4.2500000%
Weighted Average Maturity	11.868 Years

14-05-06prop April 1201 | Water Lines | 5/6/2014 | 8:53 AM

FY 2015 Projections
For Debt Service and Future Projects

FY	Principal+6 mo. Int	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	FY
2011	0.00	44,475.00	44,475.00							2011
2012	164,475.00	43,275.00	207,750.00	935,000.00	-	93,500.00				2012
2013	163,275.00	42,075.00	205,350.00	841,500.00	-	93,500.00	1,150,000.00		115,000.00	2013
2014	162,075.00	40,575.00	202,650.00	748,000.00	-	93,500.00	1,035,000.00		115,000.00	2014
2015	160,575.00	38,775.00	199,350.00	654,500.00	-	93,500.00	920,000.00		115,000.00	2015
2016	158,775.00	36,975.00	195,750.00	561,000.00	-	93,500.00	805,000.00		115,000.00	2016
2017	156,975.00	34,575.00	191,550.00	467,500.00	-	93,500.00	690,000.00		115,000.00	2017
2018	154,575.00	32,175.00	186,750.00	374,000.00	-	93,500.00	575,000.00		115,000.00	2018
2019	152,175.00	29,775.00	181,950.00	280,500.00	-	93,500.00	460,000.00		115,000.00	2019
2020	149,375.00	27,375.00	177,150.00	187,000.00	-	93,500.00	345,000.00		115,000.00	2020
2021	147,375.00	24,975.00	172,350.00	93,500.00	-	93,500.00	230,000.00		115,000.00	2021
2022	144,975.00	22,575.00	167,550.00				115,000.00		115,000.00	2022
2023	142,575.00	20,175.00	162,750.00							2023
2024	140,175.00	17,775.00	157,950.00							2024
2025	137,775.00	15,375.00	153,150.00							2025
2026	135,375.00	12,975.00	148,350.00							2026
2027	132,975.00	10,500.00	143,475.00							2027
2028	130,500.00	7,875.00	138,375.00							2028
2029	127,875.00	5,250.00	133,125.00							2029
2030	125,250.00	2,625.00	127,875.00							2030
2031	122,625.00	-	-							2031
2032										2032

MWRA LWSAP Loan $1,400,00 @ 0% for FY 2015			
FY	Principal	Interest	Total
2015	$ 1,400,000		$140,000.00
2016	$ 1,260,000		$140,000.00
2017	$ 1,120,000		$140,000.00
2018	$ 980,000		$140,000.00
2019	$ 840,000		$140,000.00
2020	$ 700,000		$140,000.00
2021	$ 560,000		$140,000.00
2022	$ 420,000		$140,000.00
2023	$ 280,000		$140,000.00
2024	$ 140,000		$140,000.00
2025	0		$140,000.00

Water Usage	Usage (HCF)	Metered % @ 90	Metered % @ 87.5	Metered % @ 85	Metered @ 82.5	Metered @ 80
2000000000	2673796.791	2406417.112	2339572.193	2272727.273	2205882.353	2139037.433
1950000000	2606951.872	2346256.684	2281082.888	2215909.091	2150735.294	2085561.497
1900000000	2540106.952	2286096.257	2222593.583	2159090.909	2095588.235	2032085.561
1850000000	2473262.032	2225935.829	2164104.278	2102272.727	2040441.176	1978609.626
1800000000	2406417.112	2165775.401	2105614.973	2045454.545	1985294.118	1925133.69

Water Usage @ 1950000000 and metered @ 90%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.202312356
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.36864113
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.600165671
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.657398965
Water Usage @ 1950000000 and metered @ 87.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.293806994
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.46488802
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.703027547
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.761896079
Water Usage @ 1950000000 and metered @ 85%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.390683671
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.566796491
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.811940122
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.872540081
Water Usage @ 1950000000 and metered @ 82.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.493431661
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.674881233
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.927453459
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.98988978
Water Usage @ 1950000000 and metered @ 80%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.6026014
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.789721272
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.050186379
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.114573836

Water Usage	Usage (HCF)	Metered % @ 90	Metered % @ 87.5	Metered % @ 85	Metered @ 82.5	Metered @ 80
2100000000	2807486.631	2526737.968	2456550.802	2386363.636	2316176.471	2245989.305
2000000000	2673796.791	2406417.112	2339572.193	2272727.273	2205882.353	2139037.433
1900000000	2540106.952	2286096.257	2222593.583	2159090.909	2095588.235	2032085.561
1850000000	2473262.032	2225935.829	2164104.278	2102272.727	2040441.176	1978609.626
1800000000	2406417.112	2165775.401	2105614.973	2045454.545	1985294.118	1925133.69

Water Usage @ 1900000000 and metered @ 90%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.286583733
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.457289581
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.694906872
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.753646306
Water Usage @ 1900000000 and metered @ 87.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.380486126
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.556069284
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.80047564
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.860893344
Water Usage @ 1900000000 and metered @ 85%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.479912188
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.660659557
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.912254336
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.97444903
Water Usage @ 1900000000 and metered @ 82.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.585364073
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.771588634
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.030807497
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.09488688
Water Usage @ 1900000000 and metered @ 80%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.6974067
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.889450779
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.156770232
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.222852095

Water Usage	Usage (HCF)	Metered % @ 90	Metered % @ 87.5	Metered % @ 85	Metered @ 82.5	Metered @ 80
2100000000	2807486.631	2526737.968	2456550.802	2386363.636	2316176.471	2245989.305
2000000000	2673796.791	2406417.112	2339572.193	2272727.273	2205882.353	2139037.433
1900000000	2540106.952	2286096.257	2222593.583	2159090.909	2095588.235	2032085.561
1850000000	2473262.032	2225935.829	2164104.278	2102272.727	2040441.176	1978609.626
1800000000	2406417.112	2165775.401	2105614.973	2045454.545	1985294.118	1925133.69

Water Usage @ 1850000000 and metered @ 90%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.375410321
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.55072984
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.79476922
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.855096207
Water Usage @ 1850000000 and metered @ 87.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.471850616
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.652179264
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.903191198
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.965241812
Water Usage @ 1850000000 and metered @ 85%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.573963869
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.759596301
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.017990939
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.081866572
Water Usage @ 1850000000 and metered @ 82.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.682265804
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.873523462
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.13974824
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.205559498
Water Usage @ 1850000000 and metered @ 80%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.797336611
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.99457107
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.269115373
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.336983232

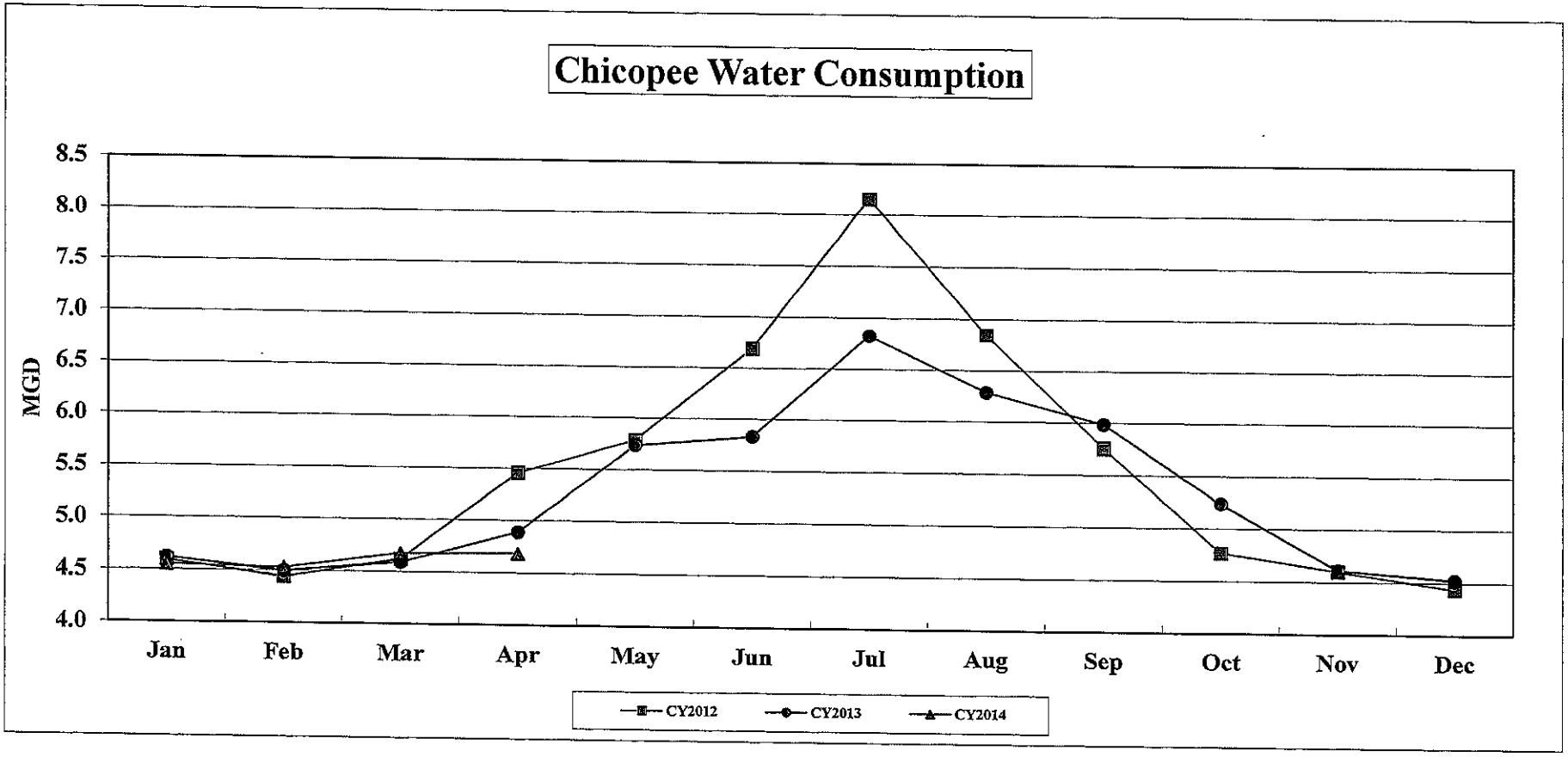
Water Usage	Usage (HCF)	Metered % @ 90	Metered % @ 87.5	Metered % @ 85	Metered @ 82.5	Metered @ 80
2000000000	2673796.791	2406417.112	2339572.193	2272727.273	2205882.353	2139037.433
1950000000	2606951.872	2346256.684	2281082.888	2215909.091	2150735.294	2085561.497
1900000000	2540106.952	2286096.257	2222593.583	2159090.909	2095588.235	2032085.561
1850000000	2473262.032	2225935.829	2164104.278	2102272.727	2040441.176	1978609.626
1800000000	2406417.112	2165775.401	2105614.973	2045454.545	1985294.118	1925133.69

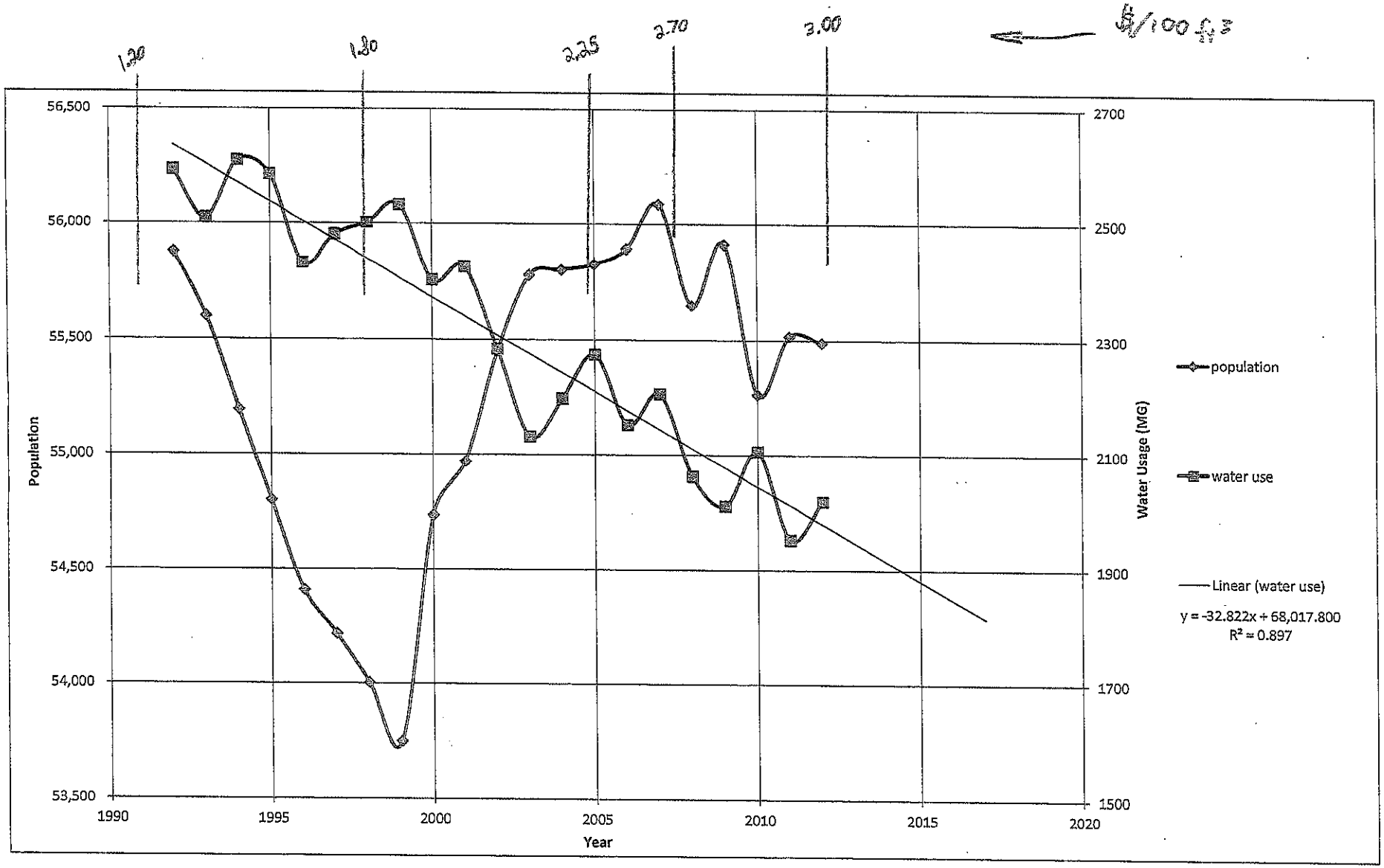
Water Usage @ 1800000000 and metered @ 90%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.469171718
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.649361225
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	3.900179477
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	3.962182212
Water Usage @ 1800000000 and metered @ 87.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.56829091
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.753628688
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.011613176
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.075387418
Water Usage @ 1800000000 and metered @ 85%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.673240643
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.864029532
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.129601799
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.195251754
Water Usage @ 1800000000 and metered @ 82.5%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.784550966
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	3.981121336
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.254741247
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.322380595
Water Usage @ 1800000000 and metered @ 80%		
A. Anticipated Budget-Present with Existing Loans and Bond	7513446.77	3.902818183
B. Anticipated Budget-Increases from MWRA, Sewer Separation Bond	7903696.77	4.105531378
C. Anticipated Budget-Increases from MWRA, Sewer Separation, SRF Bond-Redundancy	8446912.77	4.387701911
D. Anticipated Budget-Increases from MWRA, Sewer Separation, Local Bond-Redundancy	8581196.77	4.457454989

Massachusetts Water Resources Authority
Water Supplied - City of Chicopee

MGD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
CY2012	4.595	4.443	4.620	5.458	5.783	6.689	8.158	6.844	5.756	4.769	4.600	4.440	5.518
CY2013	4.619	4.496	4.590	4.887	5.735	5.829	6.825	6.288	5.987	5.238	4.610	4.522	5.308
CY2014	4.551	4.526	4.674	4.683	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.610

MG	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CY2012	142.443	128.840	143.219	163.754	179.283	200.674	252.903	212.179	172.690	147.825	138.007	137.628	2,019.446
CY2013	143.201	125.886	142.288	146.616	177.786	174.879	211.569	194.925	179.598	162.373	138.302	140.179	1,937.602
CY2014	141.094	126.738	144.895	140.476	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	553.201




1.20
1.80
2.25
2.70
3.00
$/100 ft3
56,500
56,000
55,500
55,000
54,500
54,000
53,500
Population
2700
2500
2300
2100
1900
1700
1500
Water Usage (MG)
1990
1995
2000
2005
2010
2015
2020
Year
population
water use
Linear (water use)
y = -32.822x + 68,017.800
R² = 0.897

YEAR 2005
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2005:

Month	Amount of Water Pumped from Own Sources (1)	Amount of Water Purchased From Other System* (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 1+ 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	164,541,000		4,071,984	160,469,016
February	147,339,000		3,348,791	143,990,209
March	162,859,000		3,259,813	159,599,187
April	173,124,000		3,402,332	169,721,668
May	185,172,000		3,050,436	182,121,564
June	238,394,000		3,612,674	234,781,326
July	234,895,000		4,752,038	230,142,962
August	245,008,000		4,716,858	240,291,142
September	216,368,000		4,709,158	211,658,842
October	183,149,000		4,126,375	179,022,625
November	161,387,000		3,337,344	158,049,656
December	162,172,000		4,319,793	157,852,207
TOTAL	2,274,408,000		46,707,596	2,227,700,404

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,779,851	**88,113,283**	10,486,181	**78,436,634**	13,193,868	**98,690,133**	13,117,191	**98,116,589**	48,577,091	**363,356,638**	RESIDENTIAL
COMMERCIAL	1,626,620	**12,167,114**	1,944,781	**14,546,962**	2,213,667	**16,558,229**	1,841,488	**13,774,330**	7,626,556	**57,046,635**	COMMERCIAL
INDUSTRIAL	198,379	**1,483,876**	183,089	**1,369,506**	166,335	**1,244,186**	168,538	**1,260,664**	716,341	**5,358,232**	INDUSTRIAL
GOVERNMENT	9,761	**73,015**	10,373	**77,590**	99,173	**741,814**	11,577	**86,596**	130,884	**979,015**	GOVERNMENT
PUBLIC	286,090	**2,139,955**	273,324	**2,044,464**	518,100	**3,875,388**	616,410	**4,610,747**	1,693,924	**12,670,553**	PUBLIC
OTHER	117,467	**878,657**	106,502	**796,635**	128,526	**961,374**	120,723	**903,008**	473,218	**3,539,674**	OTHER
TOTALS	14,018,168	**104,855,899**	13,004,250	**97,271,790**	16,319,669	**122,071,124**	15,875,927	**118,751,934**	59,218,014	**442,950,747**	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	13,650,445	**102,105,329**	13,298,049	**99,469,407**	18,856,750	**141,048,490**	15,564,869	**116,425,220**	61,370,113	**459,048,445**	RESIDENTIAL
COMMERCIAL	1,763,352	**13,189,873**	1,878,967	**14,054,673**	3,134,061	**23,442,776**	2,669,626	**19,968,802**	9,446,006	**70,656,125**	COMMERCIAL
INDUSTRIAL	1,283,236	**9,598,605**	1,347,245	**10,077,393**	1,802,920	**13,485,842**	1,519,447	**11,365,464**	5,952,848	**44,527,303**	INDUSTRIAL
GOVERNMENT	3,385	**25,320**	4,270	**31,940**	161,402	**1,207,287**	171,971	**1,286,343**	341,028	**2,550,889**	GOVERNMENT
PUBLIC	196,045	**1,466,417**	290,281	**2,171,302**	573,886	**4,292,667**	400,518	**2,995,875**	1,460,730	**10,926,260**	PUBLIC
OTHER	59,730	**446,780**	59,090	**441,993**	63,050	**471,614**	59,340	**443,863**	241,210	**1,804,251**	OTHER
TOTALS	16,956,193	**126,832,324**	16,877,902	**126,246,707**	24,592,069	**183,948,676**	20,385,771	**152,485,567**	78,811,935	**589,513,274**	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	14,972,165	**111,991,794**	15,075,477	**112,764,568**	16,473,352	**123,220,673**	20,172,663	**150,891,519**	66,693,657	**498,868,554**	RESIDENTIAL
COMMERCIAL	1,446,047	**10,816,432**	1,396,879	**10,448,655**	1,442,601	**10,790,655**	1,995,107	**14,923,400**	6,280,634	**46,979,142**	COMMERCIAL
INDUSTRIAL	3,719,245	**27,819,953**	5,471,161	**40,924,284**	4,767,558	**35,661,334**	4,516,503	**33,783,442**	18,474,467	**138,189,013**	INDUSTRIAL
GOVERNMENT	1,164	**8,707**	1,286	**9,619**	999	**7,473**	1,433	**10,719**	4,882	**36,517**	GOVERNMENT
PUBLIC	149,543	**1,118,582**	111,092	**830,968**	166,972	**1,248,951**	241,533	**1,806,667**	669,140	**5,005,167**	PUBLIC
OTHER	255,228	**1,909,105**	226,420	**1,693,622**	258,861	**1,936,280**	261,793	**1,958,212**	1,002,302	**7,497,219**	OTHER
TOTALS	20,543,392	**153,664,572**	22,282,315	**166,671,716**	23,110,343	**172,865,366**	27,189,032	**203,373,959**	93,125,082	**696,575,613**	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	48,577,091	**363,356,638**	61,370,113	**459,048,445**	66,693,657	**498,868,554**	5,203,345	**38,921,021**	181,844,206	**1,360,194,658**	RESIDENTIAL
COMMERCIAL	7,626,556	**57,046,635**	9,446,006	**70,656,125**	6,280,634	**46,979,142**	1,925,336	**14,401,513**	25,278,532	**189,083,416**	COMMERCIAL
INDUSTRIAL	716,341	**5,358,232**	5,952,848	**44,527,303**	18,474,467	**138,189,013**	2,367,735	**17,710,658**	27,511,391	**205,785,206**	INDUSTRIAL
GOVERNMENT	130,884	**979,015**	341,028	**2,550,889**	4,882	**36,517**	6,121,473	**45,788,618**	6,598,267	**49,355,040**	GOVERNMENT
PUBLIC	1,693,924	**12,670,553**	1,460,730	**10,926,260**	669,140	**5,005,167**	2,719,128	**20,339,077**	6,542,922	**48,941,058**	PUBLIC
OTHER	473,218	**3,539,674**	241,210	**1,804,251**	1,002,302	**7,497,219**	110,737	**828,313**	1,827,467	**13,669,457**	OTHER
TOTALS	59,218,014	**442,950,747**	78,811,935	**589,513,274**	93,125,082	**696,575,613**	18,447,754	**137,989,200**	249,602,785	**1,867,028,834**	TOTALS
										1,867,028,834	

YEAR 2006
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2005:

Month	Amount of Water Pumped from Own Sources (1)	Amount of Water Purchased From Other System* (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 1+ 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	165,240,000		3,908,113	161,331,887
February	150,230,000		2,528,951	147,701,049
March	164,100,000		3,223,643	160,876,357
April	172,560,000		4,586,220	167,973,780
May	185,800,000		4,237,412	181,562,588
June	186,240,000		4,853,949	181,386,051
July	227,480,000		5,091,316	222,388,684
August	231,620,000		6,515,168	225,104,832
September	180,590,000		4,721,419	175,868,581
October	171,200,000		4,829,597	166,370,403
November	158,450,000		4,082,667	154,367,333
December	158,340,000		3,440,285	154,899,715
TOTAL	2,151,850,000		52,018,740	2,099,831,260

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,101,748	83,041,074	10,524,769	78,725,272	13,742,667	102,795,149	14,027,478	104,925,535	49,396,662	369,487,030	RESIDENTIAL
COMMERCIAL	2,060,861	15,415,237	1,994,817	14,921,231	2,143,472	16,033,171	2,264,139	16,935,760	8,463,289	63,305,399	COMMERCIAL
INDUSTRIAL	115,767	865,936	638,003	4,772,262	155,089	1,160,066	159,822	1,195,469	1,068,681	7,993,732	INDUSTRIAL
GOVERNMENT	11,204	83,806	9,893	74,000	81,760	611,565	51,678	386,551	154,535	1,155,922	GOVERNMENT
PUBLIC	279,231	2,088,648	306,375	2,291,685	745,965	5,579,818	1,079,538	8,074,944	2,411,109	18,035,096	PUBLIC
OTHER	124,182	928,884	113,528	849,189	136,274	1,019,330	128,094	958,143	502,078	3,755,546	OTHER
TOTALS	13,692,993	102,423,585	13,587,385	101,633,640	17,005,227	127,199,098	17,710,749	132,476,403	61,996,354	463,732,725	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	12,536,713	93,774,613	12,957,757	96,924,022	20,082,926	150,220,286	16,914,453	126,520,108	62,491,849	467,439,031	RESIDENTIAL
COMMERCIAL	1,802,265	13,480,942	2,024,382	15,142,377	3,004,564	22,474,139	3,026,028	22,634,689	9,857,239	73,732,148	COMMERCIAL
INDUSTRIAL	1,352,995	10,120,403	1,446,867	10,822,565	1,737,743	12,998,318	1,661,206	12,425,821	6,198,811	46,367,106	INDUSTRIAL
GOVERNMENT	4,395	32,875	19,281	144,222	79,416	594,032	12,817	95,871	115,909	866,999	GOVERNMENT
PUBLIC	182,118	1,362,243	336,585	2,517,656	851,877	6,372,040	457,877	3,424,920	1,828,457	13,676,858	PUBLIC
OTHER	61,102	457,043	59,558	445,494	70,190	525,021	143,683	1,074,749	334,533	2,502,307	OTHER
TOTALS	15,939,588	119,228,118	16,844,430	125,996,336	25,826,716	193,183,836	22,216,064	166,176,159	80,826,798	604,584,449	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	16,348,734	122,288,530	14,734,084	110,210,948	16,146,486	120,775,715	21,250,314	158,952,349	68,479,618	512,227,543	RESIDENTIAL
COMMERCIAL	1,514,150	11,325,842	1,452,145	10,862,045	1,373,510	10,273,855	1,771,047	13,247,432	6,110,852	45,709,173	COMMERCIAL
INDUSTRIAL	3,955,909	29,590,199	3,681,333	27,536,371	3,776,058	28,244,914	8,104,778	60,623,739	19,518,078	145,995,223	INDUSTRIAL
GOVERNMENT	986	7,375	385	2,880	1,010	7,555	1,828	13,673	4,209	31,483	GOVERNMENT
PUBLIC	347,477	2,599,128	114,671	857,739	167,320	1,251,554	189,727	1,419,158	819,195	6,127,579	PUBLIC
OTHER	259,118	1,938,203	299,791	2,242,437	288,003	2,154,262	294,219	2,200,758	1,141,131	8,535,660	OTHER
TOTALS	22,426,374	167,749,278	20,282,409	151,712,419	21,752,387	162,707,855	31,611,913	236,457,109	96,073,083	718,626,661	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	49,396,662	369,487,030	62,491,849	467,439,031	68,479,618	512,227,543	5,081,974	38,013,166	185,450,103	1,387,166,769	RESIDENTIAL
COMMERCIAL	8,463,289	63,305,399	9,857,239	73,732,148	6,110,852	45,709,173	1,391,494	10,408,375	25,822,874	193,155,094	COMMERCIAL
INDUSTRIAL	1,068,681	7,993,732	6,198,811	46,367,106	19,518,078	145,995,223	2,391,100	17,885,428	29,176,670	218,241,490	INDUSTRIAL
GOVERNMENT	154,535	1,155,922	115,909	866,999	4,209	31,483	5,672,475	42,430,113	5,947,128	44,484,517	GOVERNMENT
PUBLIC	2,411,109	18,035,096	1,828,457	13,676,858	819,195	6,127,579	2,643,923	19,776,544	7,702,684	57,616,077	PUBLIC
OTHER	502,078	3,755,546	334,533	2,502,307	1,141,131	8,535,660	136,051	1,017,661	2,113,793	15,811,174	OTHER
TOTALS	61,996,354	463,732,725	80,826,798	604,584,449	96,073,083	718,626,661	17,317,017	129,531,287	256,213,252	1,916,475,122	TOTALS
										1,916,475,122	

YEAR 2007
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2007:

Month	Amount of Water Pumped from Own Sources (1)	Amount of Water Purchased From Other System* (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 1+ 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	159,240,000		3,478,357	155,761,643
February	143,940,000		2,735,616	141,204,384
March	170,810,000		2,696,953	168,113,047
April	154,460,000		4,115,167	150,344,833
May	202,570,000		5,696,700	196,873,300
June	210,360,000		4,040,748	206,319,252
July	222,730,000		5,318,923	217,411,077
August	231,690,000		6,970,949	224,719,051
September	209,170,000		5,731,759	203,438,241
October	180,090,000		6,165,427	173,924,573
November	158,650,000		4,467,228	154,182,772
December	161,730,000		14,038,591	147,691,409
TOTAL	2,205,440,000		65,456,418	2,139,983,582

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,137,200	**83,306,256**	9,607,945	**71,867,429**	12,124,219	**90,689,158**	12,481,756	**93,363,535**	45,351,120	**339,226,377**	RESIDENTIAL
COMMERCIAL	2,127,969	**15,917,205**	1,914,854	**14,323,108**	2,431,033	**18,184,127**	2,761,056	**20,652,699**	9,234,912	**69,077,139**	COMMERCIAL
INDUSTRIAL	94,582	**707,473**	100,879	**754,575**	98,976	**740,340**	76,620	**573,118**	371,057	**2,775,506**	INDUSTRIAL
GOVERNMENT	11,830	**88,488**	9,194	**68,771**	143,748	**1,075,235**	49,850	**372,878**	214,622	**1,605,373**	GOVERNMENT
PUBLIC	260,651	**1,949,669**	310,321	**2,321,201**	825,368	**6,173,753**	815,156	**6,097,367**	2,211,496	**16,541,990**	PUBLIC
OTHER	130,755	**978,044**	118,706	**887,921**	129,678	**969,991**	125,810	**941,059**	504,949	**3,777,016**	OTHER
TOTALS	13,762,986	**102,947,136**	12,061,899	**90,223,005**	15,753,022	**117,832,605**	16,310,248	**122,000,655**	57,888,155	**433,003,401**	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,615,305	**86,882,481**	12,320,256	**92,155,515**	17,897,248	**133,871,415**	14,728,247	**110,167,288**	56,561,056	**423,076,699**	RESIDENTIAL
COMMERCIAL	1,887,167	**14,116,009**	2,276,021	**17,024,637**	3,466,297	**25,927,902**	2,973,482	**22,241,645**	10,602,967	**79,310,193**	COMMERCIAL
INDUSTRIAL	854,353	**6,390,560**	1,061,139	**7,937,320**	1,206,234	**9,022,630**	1,175,238	**8,790,780**	4,296,964	**32,141,291**	INDUSTRIAL
GOVERNMENT	(6,365)	**(47,610)**	3,500	**26,180**	5,490	**41,065**	3,240	**24,235**	5,865	**43,870**	GOVERNMENT
PUBLIC	154,175	**1,153,229**	279,495	**2,090,623**	827,246	**6,187,800**	330,466	**2,471,886**	1,591,382	**11,903,537**	PUBLIC
OTHER	382,886	**2,863,987**	453,169	**3,389,704**	518,866	**3,881,118**	441,364	**3,301,403**	1,796,285	**13,436,212**	OTHER
TOTALS	14,887,521	**111,358,657**	16,393,580	**122,623,978**	23,921,381	**178,931,930**	19,652,037	**146,997,237**	74,854,519	**559,911,802**	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	14,005,051	**104,757,781**	12,983,256	**97,114,755**	15,375,588	**115,009,398**	19,449,904	**145,485,282**	61,813,799	**462,367,217**	RESIDENTIAL
COMMERCIAL	1,485,317	**11,110,171**	1,365,693	**10,215,384**	1,506,619	**11,269,510**	1,778,261	**13,301,392**	6,135,890	**45,896,457**	COMMERCIAL
INDUSTRIAL	4,340,472	**32,466,731**	2,533,464	**18,950,311**	4,360,704	**32,618,066**	7,437,501	**55,632,507**	18,672,141	**139,667,615**	INDUSTRIAL
GOVERNMENT	966	**7,226**	1,007	**7,532**	845	**6,321**	971	**7,263**	3,789	**28,342**	GOVERNMENT
PUBLIC	329,343	**2,463,486**	212,288	**1,587,914**	248,541	**1,859,087**	340,166	**2,544,442**	1,130,338	**8,454,928**	PUBLIC
OTHER	379,542	**2,838,974**	328,686	**2,458,571**	379,890	**2,841,577**	383,767	**2,870,577**	1,471,885	**11,009,700**	OTHER
TOTALS	20,540,691	**153,644,369**	17,424,394	**130,334,467**	21,872,187	**163,603,959**	29,390,570	**219,841,464**	89,227,842	**667,424,258**	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	**GALLONS**	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	45,351,120	**339,226,377**	56,561,056	**423,076,699**	61,813,799	**462,367,217**	4,450,244	**33,287,825**	168,176,219	**1,257,958,118**	RESIDENTIAL
COMMERCIAL	9,234,912	**69,077,139**	10,602,967	**79,310,193**	6,135,890	**45,896,457**	1,486,940	**11,122,311**	27,460,709	**205,406,100**	COMMERCIAL
INDUSTRIAL	371,057	**2,775,506**	4,296,964	**32,141,291**	18,672,141	**139,667,615**	2,322,083	**17,369,181**	25,662,245	**191,953,593**	INDUSTRIAL
GOVERNMENT	214,622	**1,605,373**	5,865	**43,870**	3,789	**28,342**	6,932,495	**51,855,063**	7,156,771	**53,532,647**	GOVERNMENT
PUBLIC	2,211,496	**16,541,990**	1,591,382	**11,903,537**	1,130,338	**8,454,928**	3,008,906	**22,506,617**	7,942,122	**59,407,073**	PUBLIC
OTHER	504,949	**3,777,016**	1,796,285	**13,436,212**	1,471,885	**11,009,700**	0	**-**	3,773,119	**28,222,927**	OTHER
TOTALS	57,888,155	**433,003,401**	74,854,519	**559,911,802**	89,227,842	**667,424,258**	18,200,668	**136,140,997**	240,171,184	**1,796,480,457**	TOTALS
										1,796,480,457	

YEAR 2008
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2008:

Month	Amount of Water Pumped from Own Sources (WTP) (1)	Amount of Water Purchased From Other System (MWRA) (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 1+ 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	154,176,979	158,280,000	2,532,323	155,747,677
February	144,948,184	145,320,000	2,112,960	143,207,040
March	155,834,120	155,880,000	2,355,561	153,524,439
April	168,815,605	169,660,000	2,862,731	166,797,269
May	185,104,169	185,500,000	3,540,440	181,959,560
June	193,528,174	194,500,000	3,061,488	191,438,512
July	209,537,808	210,660,000	5,920,893	204,739,107
August	192,904,069	194,040,000	3,782,431	190,257,569
September	180,401,481	181,610,000	5,146,738	176,463,262
October	162,941,508	164,270,000	4,693,627	159,576,373
November	147,323,879	148,780,000	4,073,647	144,706,353
December	151,468,792	154,400,000	3,546,865	150,853,135
TOTAL	2,046,984,768	2,062,900,000	43,629,704	2,019,270,296

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,208,583	83,840,198	10,531,770	78,777,640	13,010,104	97,315,578	13,058,701	97,679,083	47,809,158	357,612,499	RESIDENTIAL
COMMERCIAL	2,131,315	15,942,237	2,128,691	15,922,609	2,318,044	17,338,969	2,701,563	20,207,691	9,279,613	69,411,506	COMMERCIAL
INDUSTRIAL	97,010	725,633	102,602	767,463	83,234	622,590	88,298	660,469	371,144	2,776,156	INDUSTRIAL
GOVERNMENT	73,233	547,784	13,680	102,326	91,274	682,730	50,584	378,368	228,771	1,711,208	GOVERNMENT
PUBLIC	276,254	2,066,380	233,170	1,744,112	751,838	5,623,748	853,014	6,380,545	2,114,276	15,814,785	PUBLIC
OTHER	131,281	981,985	120,736	903,105	138,837	1,038,501	132,835	993,606	523,689	3,917,197	OTHER
TOTALS	13,917,676	104,104,218	13,130,649	98,217,255	16,393,331	122,622,116	16,884,995	126,299,763	60,326,651	451,243,351	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,776,531	88,088,452	12,001,789	89,773,382	19,698,323	147,343,456	16,003,966	119,709,666	59,480,609	444,914,955	RESIDENTIAL
COMMERCIAL	2,090,223	15,634,868	2,208,218	16,517,471	4,695,241	35,120,403	3,208,372	23,998,623	12,202,054	91,271,364	COMMERCIAL
INDUSTRIAL	937,803	7,014,766	1,234,138	9,231,352	1,385,658	10,364,722	1,372,991	10,269,973	4,930,590	36,880,813	INDUSTRIAL
GOVERNMENT	2,670	19,972	2,480	18,550	3,010	22,515	6,055	45,291	14,215	106,328	GOVERNMENT
PUBLIC	165,130	1,235,172	316,974	2,370,966	849,040	6,350,819	597,678	4,470,631	1,928,822	14,427,589	PUBLIC
OTHER	408,413	3,054,929	480,086	3,591,043	645,136	4,825,617	465,601	3,482,695	1,999,236	14,954,285	OTHER
TOTALS	15,380,770	115,048,160	16,243,685	121,502,764	27,276,408	204,027,532	21,654,663	161,976,879	80,555,526	602,555,334	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	15,099,057	112,940,946	13,165,613	98,478,785	16,231,147	121,408,980	20,015,879	149,718,775	64,511,696	482,547,486	RESIDENTIAL
COMMERCIAL	1,381,150	10,331,002	1,475,448	11,036,351	1,460,530	10,924,764	1,547,349	11,574,171	5,864,477	43,866,288	COMMERCIAL
INDUSTRIAL	4,145,177	31,005,924	3,810,180	28,500,146	3,736,161	27,946,484	4,133,526	30,918,774	15,825,044	118,371,329	INDUSTRIAL
GOVERNMENT	986	7,375	1,047	7,832	1,192	8,916	1,011	7,562	4,236	31,685	GOVERNMENT
PUBLIC	517,322	3,869,569	151,624	1,134,148	248,886	1,861,667	481,900	3,604,612	1,399,732	10,469,995	PUBLIC
OTHER	368,970	2,759,896	386,453	2,890,668	348,709	2,608,343	378,384	2,830,312	1,482,516	11,089,220	OTHER
TOTALS	21,512,662	160,914,712	18,990,365	142,047,930	22,026,625	164,759,155	26,558,049	198,654,207	89,087,701	666,376,003	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	47,809,158	357,612,499	59,480,609	444,914,955	64,511,696	482,547,486	4,926,552	36,850,609	176,728,015	1,321,925,550	RESIDENTIAL
COMMERCIAL	9,279,613	69,411,506	12,202,054	91,271,364	5,864,477	43,866,288	2,045,460	15,300,041	29,391,604	219,849,199	COMMERCIAL
INDUSTRIAL	371,144	2,776,156	4,930,590	36,880,813	15,825,044	118,371,329	2,564,739	19,184,248	23,691,517	177,212,546	INDUSTRIAL
GOVERNMENT	228,771	1,711,208	14,215	106,328	4,236	31,685	2,259,060	16,897,769	2,506,282	18,746,990	GOVERNMENT
PUBLIC	2,114,276	15,814,785	1,928,822	14,427,589	1,399,732	10,469,995	334,210	2,499,891	5,777,040	43,212,260	PUBLIC
OTHER	523,689	3,917,197	1,999,236	14,954,285	1,482,516	11,089,220	0	-	4,005,441	29,960,702	OTHER
TOTALS	60,326,651	451,243,351	80,555,526	602,555,334	89,087,701	666,376,003	12,130,021	90,732,557	242,099,899	1,810,907,246	TOTALS
										1,810,907,246	

YEAR 2008

PWS Name: Chicopee Water Department (MWRA)

City/Town: Chicopee

PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2008:

Month	Amount of Water Pumped from Own Sources (WTP) (1)	Amount of Water Purchased From Other System (MWRA) (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 1+ 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	154,176,979	158,280,000	2,532,323	155,747,677
February	144,948,184	145,320,000	2,112,960	143,207,040
March	155,834,120	155,880,000	2,355,561	153,524,439
April	168,815,605	169,660,000	2,862,731	166,797,269
May	185,104,169	185,500,000	3,540,440	181,959,560
June	193,528,174	194,500,000	3,061,488	191,438,512
July	209,537,808	210,660,000	5,920,893	204,739,107
August	192,904,069	194,040,000	3,782,431	190,257,569
September	180,401,481	181,610,000	5,146,738	176,463,262
October	162,941,508	164,270,000	4,693,627	159,576,373
November	147,323,879	148,780,000	4,073,647	144,706,353
December	151,468,792	154,400,000	3,546,865	150,853,135
TOTAL	2,046,984,768	2,062,900,000	43,629,704	2,019,270,296

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	10,178,920	**76,138,322**	8,844,246	**66,154,960**	11,697,223	**87,495,228**	11,349,448	**84,893,871**	42,069,837	**314,682,381**	RESIDENTIAL
COMMERCIAL	1,629,052	**12,185,309**	1,628,866	**12,183,918**	1,824,877	**13,650,080**	1,904,718	**14,247,291**	6,987,513	**52,266,597**	COMMERCIAL
INDUSTRIAL	80,448	**601,751**	108,367	**810,585**	68,452	**512,021**	70,047	**523,952**	327,314	**2,448,309**	INDUSTRIAL
GOVERNMENT	146,858	**1,098,498**	120,825	**903,771**	203,976	**1,525,740**	157,691	**1,179,529**	629,350	**4,707,538**	GOVERNMENT
PUBLIC	255,117	**1,908,275**	227,142	**1,699,022**	569,376	**4,258,932**	725,211	**5,424,578**	1,776,846	**13,290,808**	PUBLIC
OTHER	153,731	**1,149,908**	121,200	**906,576**	154,875	**1,158,465**	168,162	**1,257,852**	597,968	**4,472,801**	OTHER
TOTALS	12,444,126	**93,082,062**	11,050,646	**82,658,832**	14,518,779	**108,600,467**	14,375,277	**107,527,072**	52,388,828	**391,868,433**	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	12,345,205	**92,342,133**	11,073,950	**82,833,146**	15,033,382	**112,449,697**	13,840,232	**103,524,935**	52,292,769	**391,149,912**	RESIDENTIAL
COMMERCIAL	2,327,547	**17,410,052**	2,054,809	**15,369,971**	3,110,882	**23,269,397**	2,990,916	**22,372,052**	10,484,154	**78,421,472**	COMMERCIAL
INDUSTRIAL	993,205	**7,429,173**	926,950	**6,933,586**	1,149,751	**8,600,137**	1,134,472	**8,485,851**	4,204,378	**31,448,747**	INDUSTRIAL
GOVERNMENT	3,035	**22,702**	3,287	**24,587**	3,609	**26,995**	3,090	**23,113**	13,021	**97,397**	GOVERNMENT
PUBLIC	89,051	**666,101**	205,412	**1,536,482**	771,621	**5,771,725**	495,688	**3,707,746**	1,561,772	**11,682,055**	PUBLIC
OTHER	509,107	**3,808,120**	394,459	**2,950,553**	461,160	**3,449,477**	445,139	**3,329,640**	1,809,865	**13,537,790**	OTHER
TOTALS	16,267,150	**121,678,282**	14,658,867	**109,648,325**	20,530,405	**153,567,429**	18,909,537	**141,443,337**	70,365,959	**526,337,373**	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	13,805,578	**103,265,723**	13,466,394	**100,728,627**	14,576,964	**109,035,691**	16,224,760	**121,361,205**	58,073,696	**434,391,246**	RESIDENTIAL
COMMERCIAL	1,188,688	**8,891,386**	1,178,363	**8,814,155**	1,194,781	**8,936,962**	1,396,977	**10,449,388**	4,958,809	**37,091,891**	COMMERCIAL
INDUSTRIAL	4,170,235	**31,193,358**	2,799,517	**20,940,387**	3,003,586	**22,466,823**	1,813,278	**13,563,319**	11,786,616	**88,163,888**	INDUSTRIAL
GOVERNMENT	1,190	**8,901**	1,034	**7,734**	1,302	**9,739**	1,564	**11,699**	5,090	**38,073**	GOVERNMENT
PUBLIC	304,037	**2,274,197**	143,859	**1,076,065**	362,773	**2,713,542**	555,056	**4,151,819**	1,365,725	**10,215,623**	PUBLIC
OTHER	395,660	**2,959,537**	404,791	**3,027,837**	370,852	**2,773,973**	398,576	**2,981,348**	1,569,879	**11,742,695**	OTHER
TOTALS	19,865,388	**148,593,102**	17,993,958	**134,594,806**	19,510,258	**145,936,730**	20,390,211	**152,518,778**	77,759,815	**581,643,416**	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	42,069,837	**314,682,381**	52,292,769	**391,149,912**	58,073,696	**434,391,246**	5,213,444	**38,996,561**	157,649,746	**1,179,220,100**	RESIDENTIAL
COMMERCIAL	6,987,513	**52,266,597**	10,484,154	**78,421,472**	4,958,809	**37,091,891**	1,354,980	**10,135,250**	23,785,456	**177,915,211**	COMMERCIAL
INDUSTRIAL	327,314	**2,448,309**	4,204,378	**31,448,747**	11,786,616	**88,163,888**	1,546,070	**11,564,604**	17,864,378	**133,625,547**	INDUSTRIAL
GOVERNMENT	629,350	**4,707,538**	13,021	**97,397**	5,090	**38,073**	1,684,495	**12,600,023**	2,331,956	**17,443,031**	GOVERNMENT
PUBLIC	1,776,846	**13,290,808**	1,561,772	**11,682,055**	1,365,725	**10,215,623**	364,970	**2,729,976**	5,069,313	**37,918,461**	PUBLIC
OTHER	597,968	**4,472,801**	1,809,865	**13,537,790**	1,569,879	**11,742,695**	0	-	3,977,712	**29,753,286**	OTHER
TOTALS	52,388,828	**391,868,433**	70,365,959	**526,337,373**	77,759,815	**581,643,416**	10,163,959	**76,026,413**	210,678,561	**1,575,875,636**	TOTALS
										1,575,875,636	

YEAR 2010
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2010:

Month	Amount of Water Pumped from Own Sources (WTP) (1)	Amount of Water Purchased From Other System (MWRA) (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	156,352,630	156,800,000	2,960,727	153,839,273
February	146,839,721	147,060,000	2,218,654	144,841,346
March	155,990,850	155,690,000	2,585,484	153,104,516
April	156,383,960	156,830,000	3,355,960	153,474,040
May	198,647,464	200,210,000	4,420,937	195,789,063
June	194,074,486	194,300,000	4,531,583	189,768,417
July	243,054,557	243,360,000	6,133,815	237,226,185
August	214,221,089	215,300,000	5,495,734	209,804,266
September	204,398,580	203,140,000	6,750,656	196,389,344
October	159,910,879	159,590,000	5,667,811	153,922,189
November	137,014,164	136,950,000	4,103,353	132,846,647
December	136,562,933	137,103,000	3,248,499	133,854,501
TOTAL	2,103,451,313	2,106,333,000	53,304,467	2,053,028,533

** Other Systems are WARB (monthly) and WalMart (quarterly added to final column total)

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	10,825,194	**80,972,451**	8,844,246	**66,154,960**	11,697,223	**87,495,228**	11,349,448	**84,893,871**	42,716,111	**319,516,510**	RESIDENTIAL
COMMERCIAL	1,963,829	**14,689,440**	1,628,866	**12,183,918**	1,824,877	**13,650,080**	1,904,718	**14,247,291**	7,322,290	**54,770,728**	COMMERCIAL
INDUSTRIAL	89,918	**672,585**	108,367	**810,585**	68,452	**512,021**	70,047	**523,952**	336,784	**2,519,143**	INDUSTRIAL
GOVERNMENT	56,389	**421,792**	120,825	**903,771**	203,976	**1,525,740**	157,691	**1,179,529**	538,881	**4,030,832**	GOVERNMENT
PUBLIC	258,825	**1,936,009**	227,142	**1,699,022**	569,376	**4,258,932**	725,211	**5,424,578**	1,780,554	**13,318,542**	PUBLIC
OTHER	135,293	**1,011,994**	121,200	**906,576**	154,875	**1,158,465**	168,162	**1,257,852**	579,530	**4,334,886**	OTHER
TOTALS	13,329,448	**99,704,270**	11,050,646	**82,658,832**	14,518,779	**108,600,467**	14,375,277	**107,527,072**	53,274,150	**398,490,641**	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,407,103	**85,325,130**	11,073,950	**82,833,146**	15,033,382	**112,449,697**	13,840,232	**103,524,935**	51,354,667	**384,132,909**	RESIDENTIAL
COMMERCIAL	1,956,261	**14,632,832**	1,968,969	**14,727,888**	3,029,482	**22,660,525**	2,914,966	**21,803,946**	9,869,678	**73,825,191**	COMMERCIAL
INDUSTRIAL	984,459	**7,363,753**	926,950	**6,933,586**	1,149,751	**8,600,137**	1,134,472	**8,485,851**	4,195,632	**31,383,327**	INDUSTRIAL
GOVERNMENT	3,272	**24,475**	3,287	**24,587**	3,609	**26,995**	3,090	**23,113**	13,258	**99,170**	GOVERNMENT
PUBLIC	108,569	**812,096**	205,412	**1,536,482**	771,621	**5,771,725**	495,688	**3,707,746**	1,581,290	**11,828,049**	PUBLIC
OTHER	462,804	**3,461,774**	394,459	**2,950,553**	461,160	**3,449,477**	445,139	**3,329,640**	1,763,562	**13,191,444**	OTHER
TOTALS	14,922,468	**111,620,061**	14,573,027	**109,006,242**	20,449,005	**152,958,557**	18,833,587	**140,875,231**	68,778,087	**514,460,091**	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	13,805,578	**103,265,723**	13,466,394	**100,728,627**	14,389,787	**14,576,964**	16,224,760	**121,361,205**	57,886,519	**339,932,519**	RESIDENTIAL
COMMERCIAL	1,188,688	**8,891,386**	1,178,363	**8,814,155**	1,284,695	**1,194,781**	1,396,977	**10,449,388**	5,048,723	**37,764,448**	COMMERCIAL
INDUSTRIAL	4,170,235	**31,193,358**	2,799,517	**20,940,387**	3,568,866	**3,003,586**	1,813,278	**13,563,319**	12,351,896	**92,392,182**	INDUSTRIAL
GOVERNMENT	1,190	**8,901**	1,034	**7,734**	1,162	**1,302**	1,564	**11,699**	4,950	**37,026**	GOVERNMENT
PUBLIC	304,037	**2,274,197**	143,859	**1,076,065**	237,433	**362,773**	555,056	**4,151,819**	1,240,385	**9,278,080**	PUBLIC
OTHER	395,660	**2,959,537**	404,791	**3,027,837**	366,556	**370,852**	398,576	**2,981,348**	1,565,583	**11,710,561**	OTHER
TOTALS	19,865,388	**148,593,102**	17,993,958	**134,594,806**	19,848,499	**19,510,258**	20,390,211	**152,518,778**	78,098,056	**491,114,816**	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	42,716,111	**319,516,510**	51,354,667	**384,132,909**	57,886,519	**432,991,162**	5,213,444	**38,996,561**	157,170,741	**1,175,637,142**	RESIDENTIAL
COMMERCIAL	7,322,290	**54,770,728**	9,869,678	**73,825,191**	5,048,723	**37,764,448**	1,354,980	**10,135,250**	23,595,671	**176,495,618**	COMMERCIAL
INDUSTRIAL	336,784	**2,519,143**	4,195,632	**31,383,327**	12,351,896	**92,392,182**	1,546,070	**11,564,604**	18,430,382	**137,859,256**	INDUSTRIAL
GOVERNMENT	538,881	**4,030,832**	13,258	**99,170**	4,950	**37,026**	1,684,495	**12,600,023**	2,241,584	**16,767,050**	GOVERNMENT
PUBLIC	1,780,554	**13,318,542**	1,581,290	**11,828,049**	1,240,385	**9,278,080**	364,970	**2,729,976**	4,967,199	**37,154,647**	PUBLIC
OTHER	579,530	**4,334,886**	1,763,562	**13,191,444**	1,565,583	**11,710,561**	0	**-**	3,908,675	**29,236,891**	OTHER
TOTALS	53,274,150	**398,490,641**	68,778,087	**514,460,091**	78,098,056	**584,173,459**	10,163,959	**76,026,413**	210,314,252	**1,573,150,604**	TOTALS
										1,573,150,604	

YEAR 2011
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2010:

Month	Amount of Water Pumped from Own Sources (WTP) (1)	Amount of Water Purchased From Other System (MWRA) (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	139,903,227	139,480,000	3,804,091	135,675,909
February	125,897,539	126,100,000	2,364,453	123,735,547
March	140,028,659	140,170,000	2,541,974	137,628,026
April	140,826,623	140,710,000	3,208,632	137,501,368
May	169,165,083	169,170,000	2,672,260	166,497,740
June	183,132,803	183,110,000	3,064,796	180,045,204
July	233,074,745	232,910,000	6,028,791	226,881,209
August	195,408,572	195,450,000	6,921,156	188,528,844
September	170,304,121	170,380,000	4,321,518	166,058,482
October	156,758,991	157,670,000	4,036,345	153,633,655
November	148,678,512	148,610,000	3,399,810	145,210,190
December	149,567,486	149,470,000	2,271,408	147,198,592
TOTAL	1,952,746,361	1,953,230,000	44,635,234	1,908,594,766

** Other Systems are WARB (monthly) and WalMart (quarterly added to final column total)

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	10,711,159	**80,119,468**	9,494,859	**71,021,545**	11,998,904	**89,751,802**	13,452,861	**100,627,400**	45,657,783	**341,520,216**	RESIDENTIAL
COMMERCIAL	1,938,094	**14,496,942**	1,683,821	**12,594,981**	1,853,421	**13,863,589**	2,261,083	**16,912,901**	7,736,419	**57,868,413**	COMMERCIAL
INDUSTRIAL	117,526	**879,091**	103,249	**772,303**	148,104	**1,107,818**	165,457	**1,237,618**	534,336	**3,996,830**	INDUSTRIAL
GOVERNMENT	60,732	**454,276**	5,963	**44,603**	92,823	**694,316**	199,574	**1,492,814**	359,092	**2,686,008**	GOVERNMENT
PUBLIC	709,607	**5,307,861**	2,230,079	**16,680,991**	2,574,320	**19,255,914**	3,061,481	**22,899,878**	8,575,487	**64,144,643**	PUBLIC
OTHER	132,212	**988,944**	154,844	**1,158,233**	154,607	**1,156,460**	161,289	**1,206,442**	602,952	**4,510,079**	OTHER
TOTALS	13,669,329	**102,246,582**	13,672,815	**102,272,656**	16,822,179	**125,829,899**	19,301,745	**144,377,053**	63,466,068	**474,726,189**	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	11,407,103	**85,325,130**	11,390,075	**85,197,761**	19,115,925	**142,987,119**	14,974,803	**112,011,526**	56,887,906	**425,521,537**	RESIDENTIAL
COMMERCIAL	1,956,261	**14,632,832**	13,136,850	**98,263,638**	3,829,155	**28,642,079**	3,648,532	**27,291,019**	22,570,798	**168,829,569**	COMMERCIAL
INDUSTRIAL	984,459	**7,363,753**	970,344	**7,258,173**	1,313,607	**9,825,780**	1,183,967	**8,856,073**	4,452,377	**33,303,780**	INDUSTRIAL
GOVERNMENT	3,272	**24,475**	3,723	**27,848**	3,451	**25,813**	3,813	**28,521**	14,259	**106,657**	GOVERNMENT
PUBLIC	108,569	**812,096**	227,028	**1,698,169**	1,009,138	**7,548,352**	776,027	**5,804,682**	2,120,762	**15,863,300**	PUBLIC
OTHER	462,804	**3,461,774**	408,590	**3,056,253**	461,573	**3,452,566**	547,734	**4,097,050**	1,880,701	**14,067,643**	OTHER
TOTALS	14,922,468	**111,620,061**	26,136,610	**195,501,843**	25,732,849	**192,481,711**	21,134,876	**158,088,872**	87,926,803	**657,692,486**	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	13,883,700	**103,850,076**	12,462,786	**93,221,639**	15,447,809	**14,576,964**	19,864,441	**148,586,019**	61,658,736	**360,234,698**	RESIDENTIAL
COMMERCIAL	1,287,712	**9,632,086**	1,004,440	**7,513,211**	1,221,809	**1,194,781**	1,585,346	**11,858,388**	5,099,307	**38,142,816**	COMMERCIAL
INDUSTRIAL	2,981,486	**22,301,515**	2,583,844	**19,327,153**	2,942,803	**3,003,586**	2,614,054	**19,553,124**	11,122,187	**83,193,959**	INDUSTRIAL
GOVERNMENT	1,033	**7,727**	828	**6,193**	1,303	**1,302**	1,169	**8,744**	4,333	**32,411**	GOVERNMENT
PUBLIC	261,903	**1,959,034**	130,819	**978,526**	242,398	**362,773**	522,261	**3,906,512**	1,157,381	**8,657,210**	PUBLIC
OTHER	478,124	**3,576,368**	365,645	**2,735,025**	426,927	**370,852**	492,782	**3,686,009**	1,763,478	**13,190,815**	OTHER
TOTALS	18,893,958	**141,326,806**	16,548,362	**123,781,748**	20,283,049	**19,510,258**	25,080,053	**187,598,796**	80,805,422	**503,451,909**	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	**GALLONS**	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	45,657,783	**341,520,216**	56,887,906	**425,521,537**	61,658,736	**461,207,345**	5,651,372	**42,272,263**	169,855,797	**1,270,521,360**	RESIDENTIAL
COMMERCIAL	7,736,419	**57,868,413**	22,570,798	**168,829,569**	5,099,307	**38,142,816**	1,489,140	**11,138,767**	36,895,664	**275,979,566**	COMMERCIAL
INDUSTRIAL	534,336	**3,996,830**	4,452,377	**33,303,780**	11,122,187	**83,193,959**	1,981,331	**14,820,356**	18,090,231	**135,314,925**	INDUSTRIAL
GOVERNMENT	359,092	**2,686,008**	14,259	**106,657**	4,333	**32,411**	1,729,461	**12,936,368**	2,107,145	**15,761,445**	GOVERNMENT
PUBLIC	8,575,487	**64,144,643**	2,120,762	**15,863,300**	1,157,381	**8,657,210**	368,070	**2,753,164**	12,221,700	**91,418,317**	PUBLIC
OTHER	602,952	**4,510,079**	1,880,701	**14,067,643**	1,763,478	**13,190,815**	0	**-**	4,247,131	**31,768,538**	OTHER
TOTALS	63,466,068	**474,726,189**	87,926,803	**657,692,486**	80,805,422	**604,424,557**	11,219,374	**83,920,918**	243,417,667	**1,820,764,150**	TOTALS
										1,820,764,150	

YEAR 2012
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2010:

Month	Amount of Water Pumped from Own Sources (WTP) (1)	Amount of Water Purchased From Other System (MWRA) (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	143,408,068	143,500,000	2,749,701	140,750,299
February	129,245,394	129,300,000	2,319,286	126,980,714
March	143,190,615	143,300,000	2,510,201	140,789,799
April	163,958,669	164,000,000	2,721,994	161,278,006
May	179,678,747	180,300,000	3,328,643	176,971,357
June	200,513,099	201,000,000	4,061,807	196,938,193
July	255,004,070	255,500,000	8,370,292	247,129,708
August	221,973,178	222,200,000	4,891,028	217,308,972
September	189,435,244	189,700,000	5,234,785	184,465,215
October	152,911,362	153,200,000	3,266,102	149,933,898
November	138,189,069	138,600,000	3,076,377	135,523,623
December	137,588,682	138,100,000	2,190,817	135,909,183
TOTAL	2,055,096,197	2,058,700,000	44,721,033	2,013,978,967

** Other Systems are WARB (monthly) and WalMart (quarterly added to final column total)

METERED USAGE CY 2011

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	10,141,765	**75,860,402**	8,948,305	**66,933,321**	11,671,682	**87,304,181**	11,586,082	**86,663,893**	42,347,834	**316,761,798**	RESIDENTIAL
COMMERCIAL	1,697,447	**12,696,904**	1,508,758	**11,285,510**	1,858,466	**13,901,326**	1,993,661	**14,912,584**	7,058,332	**52,796,323**	COMMERCIAL
INDUSTRIAL	174,986	**1,308,895**	120,742	**903,150**	159,885	**1,195,940**	184,215	**1,377,928**	639,828	**4,785,913**	INDUSTRIAL
GOVERNMENT	177,279	**1,326,047**	121,778	**910,899**	227,775	**1,703,757**	163,346	**1,221,828**	690,178	**5,162,531**	GOVERNMENT
PUBLIC	3,863,043	**28,895,562**	1,582,992	**11,840,780**	5,505,478	**41,180,975**	3,201,178	**23,944,811**	14,152,691	**105,862,129**	PUBLIC
OTHER	170,942	**1,278,646**	138,015	**1,032,352**	174,643	**1,306,330**	163,025	**1,219,427**	646,625	**4,836,755**	OTHER
TOTALS	16,225,462	**121,366,456**	12,420,590	**92,906,013**	19,597,929	**146,592,509**	17,291,507	**129,340,472**	65,535,488	**490,205,450**	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	12,376,979	**92,579,803**	9,568,935	**71,575,634**	17,883,725	**133,770,263**	12,861,711	**96,205,598**	52,691,350	**394,131,298**	RESIDENTIAL
COMMERCIAL	2,518,419	**18,837,774**	2,298,152	**17,190,177**	4,101,611	**30,680,050**	3,402,027	**25,447,162**	12,320,209	**92,155,163**	COMMERCIAL
INDUSTRIAL	1,013,655	**7,582,139**	868,020	**6,492,790**	1,268,509	**9,488,447**	1,144,814	**8,563,209**	4,294,998	**32,126,585**	INDUSTRIAL
GOVERNMENT	3,321	**24,841**	3,990	**29,845**	12,338	**92,288**	4,559	**34,101**	24,208	**181,076**	GOVERNMENT
PUBLIC	94,496	**706,830**	110,959	**829,973**	984,349	**7,362,931**	296,082	**2,214,693**	1,485,886	**11,114,427**	PUBLIC
OTHER	604,717	**4,523,283**	443,110	**3,314,463**	609,111	**4,556,150**	571,859	**4,277,505**	2,228,797	**16,671,402**	OTHER
TOTALS	16,611,587	**124,254,671**	13,293,166	**99,432,882**	24,859,643	**185,950,130**	18,281,052	**136,742,269**	73,045,448	**546,379,951**	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	12,360,259	**92,454,737**	13,608,191	**101,789,269**	18,144,391	**14,576,964**	19,864,441	**148,586,019**	63,977,282	**357,406,989**	RESIDENTIAL
COMMERCIAL	1,140,418	**8,530,327**	1,122,804	**8,398,574**	1,458,476	**1,194,781**	1,585,346	**11,858,388**	5,307,044	**39,696,689**	COMMERCIAL
INDUSTRIAL	2,833,345	**21,193,421**	2,632,835	**19,693,606**	3,817,882	**3,003,586**	2,614,054	**19,553,124**	11,898,116	**88,997,908**	INDUSTRIAL
GOVERNMENT	1,018	**7,615**	855	**6,395**	994	**1,302**	1,169	**8,744**	4,036	**30,189**	GOVERNMENT
PUBLIC	181,642	**1,358,682**	189,076	**1,414,288**	427,485	**362,773**	522,261	**3,906,512**	1,320,464	**9,877,071**	PUBLIC
OTHER	474,731	**3,550,988**	480,929	**3,597,349**	556,676	**370,852**	492,782	**3,686,009**	2,005,118	**14,998,283**	OTHER
TOTALS	16,991,413	**127,095,769**	18,034,690	**134,899,481**	24,405,904	**19,510,258**	25,080,053	**187,598,796**	84,512,060	**511,007,128**	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	**GALLONS**	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	42,347,834	**316,761,798**	52,691,350	**394,131,298**	63,977,282	**478,550,069**	5,167,069	**38,649,676**	164,183,535	**1,228,092,842**	RESIDENTIAL
COMMERCIAL	7,058,332	**52,796,323**	12,320,209	**92,155,163**	5,307,044	**39,696,689**	1,419,618	**10,618,743**	26,105,203	**195,266,918**	COMMERCIAL
INDUSTRIAL	639,828	**4,785,913**	4,294,998	**32,126,585**	11,898,116	**88,997,908**	1,794,629	**13,423,825**	18,627,571	**139,334,231**	INDUSTRIAL
GOVERNMENT	690,178	**5,162,531**	24,208	**181,076**	4,036	**30,189**	1,457,951	**10,905,473**	2,176,373	**16,279,270**	GOVERNMENT
PUBLIC	14,152,691	**105,862,129**	1,485,886	**11,114,427**	1,320,464	**9,877,071**	220,780	**1,651,434**	17,179,821	**128,505,061**	PUBLIC
OTHER	646,625	**4,836,755**	2,228,797	**16,671,402**	2,005,118	**14,998,283**	0	**-**	4,880,540	**36,506,439**	OTHER
TOTALS	65,535,488	**490,205,450**	73,045,448	**546,379,951**	84,512,060	**632,150,209**	10,060,047	**75,249,152**	233,153,043	**1,743,984,762**	TOTALS
										1,743,984,762	

YEAR 2013
PWS Name: Chicopee Water Department (MWRA)
City/Town: Chicopee
PWS ID#: 1061000

D-1. WATER PRODUCTION AND CONSUMPTION SUMMARY FOR 2013:

Month	Amount of Water Pumped from Own Sources (WTP) (1)	Amount of Water Purchased From Other System (MWRA) (2)	Amount of Water Sold to Other Systems** (3)	Net Water Consumption 2 - 3 = Net
Withdraw Units	Gallons	Gallons	Gallons	Gallons
January	143,259,526	143,201,000	2,299,206	140,901,794
February	125,771,234	125,886,000	1,940,793	123,945,207
March	142,367,414	142,288,000	2,737,476	139,550,524
April	146,722,138	146,616,000	2,404,458	144,211,542
May	177,752,370	177,786,000	4,612,322	173,173,678
June	174,931,466	174,879,000	3,706,966	171,172,034
July	211,518,810	211,569,000	4,241,746	207,327,254
August	194,497,624	194,925,000	6,404,591	188,520,409
September	179,486,595	179,598,000	4,717,307	174,880,693
October	162,288,716	162,373,000	4,799,782	157,573,218
November	138,243,895	138,302,000	2,322,125	135,979,875
December	140,114,683	140,179,000	2,081,548	138,097,452
TOTAL	1,936,954,471	1,937,602,000	42,268,320	1,895,333,680

** Other Systems are WARB (monthly) and WalMart (quarterly added to final column total)

DISTRICT 1,2,3,4

DISTRICT #1

	BILLING IN:	FEB	BILLING IN:	MAY	BILLING IN:	AUG	BILLING IN:	NOV	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	8,934,501	66,830,067	9,421,474	70,472,626	12,580,322	94,100,809	11,246,676	84,125,136	42,182,973	315,528,638	RESIDENTIAL
COMMERCIAL	1,369,811	10,246,186	1,518,119	11,355,530	4,359,939	32,612,344	2,180,429	16,309,609	9,428,298	70,523,669	COMMERCIAL
INDUSTRIAL	168,770	1,262,400	335,330	2,508,268	10,780	80,634	40,330	301,668	555,210	4,152,971	INDUSTRIAL
GOVERNMENT	150,185	1,123,384	187,942	1,405,806	335,182	2,507,161	249,860	1,868,953	923,169	6,905,304	GOVERNMENT
PUBLIC	3,712,748	27,771,355	3,325,092	24,871,688	5,476,961	40,967,668	5,425,195	40,580,459	17,939,996	134,191,170	PUBLIC
OTHER	167,368	1,251,913	182,675	1,366,409	242,648	1,815,007	203,565	1,522,666	796,256	5,955,995	OTHER
TOTALS	14,503,383	108,485,305	14,970,632	111,980,327	23,005,832	172,083,623	19,346,055	144,708,491	71,825,902	537,257,747	TOTALS

DISTRICT #2

	BILLING IN:	MAR	BILLING IN:	JUNE	BILLING IN:	SEPT	BILLING IN:	DEC	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	12,376,979	92,579,803	11,156,853	83,453,260	17,796,671	133,119,099	12,701,383	95,006,345	54,031,886	404,158,507	RESIDENTIAL
COMMERCIAL	2,518,419	18,837,774	2,575,631	19,265,720	4,072,252	30,460,445	4,073,169	30,467,304	13,239,471	99,031,243	COMMERCIAL
INDUSTRIAL	1,013,655	7,582,139	0	0	0	0	0	0	1,013,655	7,582,139	INDUSTRIAL
GOVERNMENT	3,321	24,841	2,490	18,625	3,920	29,322	5,340	39,943	15,071	112,731	GOVERNMENT
PUBLIC	94,496	706,830	371,184	2,776,456	1,053,022	7,876,605	454,633	3,400,655	1,973,335	14,760,546	PUBLIC
OTHER	604,717	4,523,283	511,236	3,824,045	601,566	4,499,714	526,609	3,939,035	2,244,128	16,786,077	OTHER
TOTALS	16,611,587	124,254,671	14,617,394	109,338,107	23,527,431	175,985,184	17,761,134	132,853,282	72,517,546	542,431,244	TOTALS

DISTRICT #3

	BILLING IN:	JAN	BILLING IN:	APR	BILLING IN:	JULY	BILLING IN:	OCT	ALL TOTALS	ALL TOTALS	
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	12,124,468	90,691,021	12,767,569	95,501,416	15,172,387	113,489,455	17,396,329	130,124,541	57,460,753	429,806,432	RESIDENTIAL
COMMERCIAL	1,147,598	8,584,033	1,220,155	9,126,759	1,610,802	12,048,799	1,990,008	14,885,260	5,968,563	44,644,851	COMMERCIAL
INDUSTRIAL	2,247,893	16,814,240	2,166,012	16,201,770	2,598,650	19,437,902	3,356,520	25,106,770	10,369,075	77,560,681	INDUSTRIAL
GOVERNMENT	1,247	9,328	10,943	81,854	10,727	80,238	272	2,035	23,189	173,454	GOVERNMENT
PUBLIC	428,314	3,203,789	142,012	1,062,250	338,551	2,532,361	358,808	2,683,884	1,267,685	9,482,284	PUBLIC
OTHER	577,443	4,319,274	571,416	4,274,192	655,741	4,904,943	661,422	4,947,437	2,466,022	18,445,845	OTHER
TOTALS	16,526,963	123,621,683	16,878,107	126,248,240	20,386,858	152,493,698	23,763,359	177,749,925	77,555,287	580,113,547	TOTALS

ALL DISTRICTS

	DISTRICT 1		DISTRICT 2		DISTRICT 3		DISTRICT 4				
TYPE	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	CUBIC FEET	GALLONS	TYPE
RESIDENTIAL	42,182,973	315,528,638	54,031,886	404,158,507	57,460,753	429,806,432	5,177,889	38,730,610	158,853,501	1,188,224,187	RESIDENTIAL
COMMERCIAL	9,428,298	70,523,669	13,239,471	99,031,243	5,968,563	44,644,851	4,537,149	33,937,875	33,173,481	248,137,638	COMMERCIAL
INDUSTRIAL	555,210	4,152,971	1,013,655	7,582,139	10,369,075	77,560,681	0	-	11,937,940	89,295,791	INDUSTRIAL
GOVERNMENT	923,169	6,905,304	15,071	112,731	23,189	173,454	1,552,311	11,611,286	2,513,740	18,802,775	GOVERNMENT
PUBLIC	17,939,996	134,191,170	1,973,335	14,760,546	1,267,685	9,482,284	440,310	3,293,519	21,621,326	161,727,518	PUBLIC
OTHER	796,256	5,955,995	2,244,128	16,786,077	2,466,022	18,445,845	0	-	5,506,406	41,187,917	OTHER
TOTALS	71,825,902	537,257,747	72,517,546	542,431,244	77,555,287	580,113,547	11,707,659	87,573,289	233,606,394	1,747,375,827	TOTALS
										1,747,375,827	

Massachusetts Water Resources Authority
Chicopee Valley Aqueduct System Assessment
Fiscal Year: 2014

SYSTEM ASSESSMENTS

Operating Assessment	FY14	Prior Period Adujstments	FY14 Net Operating Assessment
Chicopee	$1,324,411	($3,580)	$1,320,831
South Hadley Fire District #1	278,780	(775)	278,005
Wilbraham	288,572	(751)	287,821
TOTAL	**$1,891,763**	**($5,106)**	**$1,886,657**

Capital Assessment	FY14	Prior Period Adujstments	FY14 Net Capital Assessment
Chicopee	$1,966,411	($33,757)	$1,932,654
South Hadley Fire District #1	413,917	(7,310)	406,606
Wilbraham	428,455	(7,078)	421,377
TOTAL	**$2,808,782**	**($48,145)**	**$2,760,637**

TOTAL ASSESSMENTS	FY14	Prior Period Adujstments	FY14 Net Assessment
Chicopee	$3,290,822	($37,336)	$3,253,485
South Hadley Fire District #1	692,697	(8,086)	684,611
Wilbraham	717,027	(7,829)	709,198
TOTAL	**$4,700,545**	**($53,251)**	**$4,647,295**

			CHANGE	
TOTAL ASSESSMENTS	**FY14**	**FY13**	**Dollars**	**Percent**
Chicopee	$3,253,485	$3,056,914	$196,571	6.4%
South Hadley Fire District #1	684,611	655,277	29,334	4.5%
Wilbraham	709,198	609,677	99,522	16.3%
TOTAL	**$4,647,295**	**$4,321,867**	**$325,427**	**7.5%**

Massachusetts Water Resources Authority
Chicopee Valley Aqueduct System Assessment
Fiscal Year: 2013

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PRELIMINARY SYSTEM ASSESSMENTS

Operating Assessment	Preliminary FY13	Prior Period Adujstments	PFY13 Net Operating Assessment
Chicopee	$1,307,347	($76,539)	$1,230,808
South Hadley Fire District #1	280,278	(16,431)	263,847
Wilbraham	260,008	(14,267)	245,741
TOTAL	**$1,847,633**	**($107,237)**	**$1,740,396**

Capital Assessment	Preliminary FY13	Prior Period Adujstments	PFY13 Net Capital Assessment
Chicopee	$1,938,114	($50,702)	$1,887,412
South Hadley Fire District #1	415,507	(10,934)	404,573
Wilbraham	385,456	(9,328)	376,128
TOTAL	**$2,739,076**	**($70,963)**	**$2,668,113**

TOTAL ASSESSMENTS	Preliminary FY13	Prior Period Adujstments	PFY13 Net Assessment
Chicopee	$3,245,461	($127,241)	$3,118,220
South Hadley Fire District #1	695,785	(27,365)	668,420
Wilbraham	645,464	(23,595)	621,869
TOTAL	**$4,586,710**	**($178,201)**	**$4,408,509**

			CHANGE	
TOTAL ASSESSMENTS	**PFY13**	**FY12**	**Dollars**	**Percent**
Chicopee	$3,118,220	$2,709,899	$408,321	15.1%
South Hadley Fire District #1	668,420	587,111	81,309	13.8%
Wilbraham	621,869	570,731	51,138	9.0%
TOTAL	**$4,408,509**	**$3,867,741**	**$540,768**	**14.0%**

Massachusetts Water Resources Authority
Chicopee Valley Aqueduct System Assessment
Fiscal Year: 2012

SYSTEM ASSESSMENTS

Operating Assessment	FY12	FY10 Adujstment	FY12 Net Operating Assessment
Chicopee	$1,215,344	($85,038)	$1,130,306
South Hadley Fire District #1	263,199	(18,230)	244,969
Wilbraham	254,827	(15,916)	238,912
TOTAL	**$1,733,370**	**($119,184)**	**$1,614,186**

Capital Assessment	FY12	FY10 Adujstment	FY12 Net Capital Assessment
Chicopee	$1,830,604	($27,519)	$1,803,085
South Hadley Fire District #1	396,441	(5,899)	390,542
Wilbraham	383,832	(5,151)	378,682
TOTAL	**$2,610,877**	**($38,569)**	**$2,572,308**

TOTAL ASSESSMENTS	FY12	FY10 Adujstment	FY12 Net Assessment
Chicopee	$3,045,948	($112,558)	$2,933,390
South Hadley Fire District #1	659,640	(24,129)	635,511
Wilbraham	638,659	(21,066)	617,593
TOTAL	**$4,344,248**	**($157,753)**	**$4,186,494**

			CHANGE	
TOTAL ASSESSMENTS	**FY12**	**FY11**	**Dollars**	**Percent**
Chicopee	$2,933,390	$2,649,915	$283,475	10.7%
South Hadley Fire District #1	635,511	569,889	65,622	11.5%
Wilbraham	617,593	484,878	132,715	27.4%
TOTAL	**$4,186,494**	**$3,704,682**	**$481,813**	**13.0%**