DRAFT 6/30/14

CITY OF BEACON WATER CAPITAL PLAN 2015-2024												
	<u>2015</u>	<u>2016</u>	<u> </u>	2017	<u>2018</u>	<u>2019</u>	202	20	2021	<u>2022</u>	2023	2024
WATER MAIN IMPROVEMENTS												
East Main St to Churchill St Watermain Loop	\$ 220,000											
Fulton Ave., Fowler St., Vine St. area 1,600 ft. undersized			\$	507,540								
Wilson St. (Liberty St. to dead end) 2,000 ft. undersized			\$	552,310								
Mountain Lane							\$ 1,71	7,980				
Cherry Street Surveying, Engineering		\$ 5,216										
Cherry Street Reconstruction			\$	81,455								
Spring Street Survey, Engineering		\$ 5,077										
Spring Street Reconstruction					\$ 76,625							
Commerce Street Survey, Engineering			\$	11,700								
Commerce Street Reconstruction					\$ 135,630							
Dutchess Terrace (Verplanck to Dead End) Survey, Engineering					\$ 28,142							
Dutchess Terrace (Verplanck to Dead End) Reconstruction						\$ 388,554						
East Willow Street Survey, Engineering							\$ 2	20,457				
East Willow Street Reconstruction									\$ 595,141			
Madison (Prospect to Judson) Survey and Engineering									\$ 9,564			
Madison (Prospect to Judson) Reconstruction										\$ 134,198		
North Walnut (Verplanck to Tilden) Survey, Engineering							\$ 2	26,880				
North Walnut (Verplanck to Tilden) Reconstruction									\$ 656,750			

	East Main S	treet Wat	er Line				
Project Type:	Wate	r Improver	nante				
Department:			nents				
1	Wate	[
Project Priority:							
Project Start Date:	2015						
Project End Date:							
Project Description							
East Main Street water	line replaces	ment (East	Main to	Churchill)			
Estimated Project Co	sts:	F	roject P	riority Cons	iderations		
Legal/Survey/Due Diligen				eriorated Facilit			
Sewer Improvement	\$			olic Safety/Lega			
Water Improvement	\$			tematic Replace		onal Efficiency	
Engineering/Design	\$			ource Conserva		-	
Construction		200,000		w/Expanded Fac			
Construction Inspect. / Otl		20,000					
Total	\$2	220,000		sistency with F		or Policy	
			Fur	ding Availabili	У		
Sources of Funding	2015	2016	2017	2010	2010.	Т-4-1	
Sources of Funding Water	2015	2016	2017	2018	2019+	Total	
Water	2015 \$220,000			2018	2019+		
			2017	2018	2019+	Total \$220,000	
Water				2018	2019+		
Water TOTAL				2018	2019+		
Water TOTAL Project Needs/Issues	\$220,000)	\$			\$220,000]
Water TOTAL Project Needs/Issues Installation of approxim	\$220,000 nately 700 1.i	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire fire	\$220,000 nately 700 1.i	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approxim	\$220,000 nately 700 1.i	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire fire	\$220,000 nately 700 1.i	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire fire	\$220,000 nately 700 1.i	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire fire	\$220,000 nately 700 1.i	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire fire	\$220,000 nately 700 1.i	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire fire	s220,000 mately 700 1.1 lows in water	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire findead end water line	s220,000 mately 700 1.1 lows in water	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire findead end water line	s220,000 mately 700 1.1 lows in water	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire findead end water line	s220,000 mately 700 1.1 lows in water	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	
Water TOTAL Project Needs/Issues Installation of approximal Street to improve fire findead end water line	s220,000 mately 700 1.1 lows in water	f. of 12" du	\$ suctile iron	n water main	from East 1	\$220,000 Main to Churchi	

Project Name: Ful	ton Av	enue					
Project Type:	Wa	iter Improv	zemei	nts			
Department:		iter	CITICI	TT.			
•	VV 2	llCI					· · · · · · · · · · · · · · · · · · ·
Project Priority:							
Project Start Date:							
Project End Date:							
Project Description							
Fulton Street from Fowler	Street	to Vine St	reet;	water im	nprovements	s only.	
Estimated Project Costs			Pro	ject Pri	ority Consi	derations:	
Legal/Survey/Due Diligence		\$			iorated Facility		
Sewer Improvement		\$		Public	Safety/Legal	Mandate	
Water Improvement		\$		System	matic Replace	ment/Operati	onal Efficiency
Engineering/Design		\$					nental Quality
Construction		\$	H	_	Expanded Faci		
Construction Inspect. / Other		\$					
Total		\$507,540			stency with Fo		r Policy
-				Fundi	ng Availabilit	у	
Sources of Funding	201	15 201		2017	2018	2019+	Total
Water			\$	507,540			
TOTAL							\$507,540
					×		
Project Needs/Issues Operating Cost Conside	rations						

Project Name:	Wilson S	treet				
Project Type:	W	ater Improv	ements			
Department:		ater				
Project Priority:		dio1				
Project Start Date:	20)17				
	20)1 /				
Project End Date:						
Project Description						
Wilson Street from the	e dead end	to Liberty !	Street 2 000) ft · water i	nnrovemen	te only
Estimated Project Co	osts:		Project P	riority Cons	siderations	:
Legal/Survey/Due Dilige	nce	\$		eriorated Facili		
Sewer Improvement		\$		lic Safety/Lega	<u> </u>	
Water Improvement		\$552,310				ional Efficiency
Engineering/Design		\$				mental Quality
Construction		\$				
Construction Inspect. / O	ther	\$		v/Expanded Fa		
Total		\$		sistency with I		or Policy
		1.	Fun	ding Availabili	ity	
Sources of Funding		15 2016		2018	2019+	Total
Water	\$		\$552,310			
TOTAL			\$			\$552,310
Project Needs/Issues	1	'11 '	<u> </u>			
Undersized main – rep	racement	wiii increase	ine protec	tion service	S.	
Operating Cost Cons	iderations	5				

Project Name:	Mountain La	ane				
Project Type:	Water	Improve	nent			
Department:	Water					
Project Priority:						
Project Start Date:	2020					
Project End Date:	2020					
Troject End Date.	2020					
Project Description						
Mountain Lane water i	mprovements	8.				
Estimated Project Co	sts:	I	Project P	riority Con	siderations	
Legal/Survey/Due Diliger		26,000		teriorated Faci		
Sewer Improvement	\$		Pul	olic Safety/Leg	gal Mandate	
Water Improvement		370,040	Sys	stematic Repla	cement/Operat	ional Efficiency
Engineering/Design	\$	93,000				mental Quality
Construction		133,660			acility or Progr	
Construction Inspect. / Ot		95,280			Formal Plans	
Total	\$1,	717,980		nding Availabi		of Folicy
			Fui	iding Availabi	inty	
Sources of Funding	2015	2016	2017	2018	2020	Total
Water Fund	\$	\$	\$	\$	\$1,717,980	\$
TOTAL						\$1,717,980
Project Needs/Issues						
2.10						
Operating Cost Cons	iderations					

Project Name:	Cherr	y Stree	t Wat	er Ma	in Imp	rovements		
Project Type:		Water	Main	Impro	vement	8		
Department:		Water						
Project Priority:		*** 4.101						
Project Start Date:		2016						-
Project End Date:		2017						
Project Description								
Cherry Street – water r	nain re	eplacem	ent.					
,		1						
Estimated Project Co		I o		Pro		ority Cons	iderations:	
Legal/Survey/Due Diligeno	:e	\$	155			ated Facility		
Water Improvement			,455	X	Public S	afety/Legal M	landate	
Engineering/Design Construction		\$ 5	5,216			tic Replaceme		
Construction Inspect. / Other	or	\$			Resourc	e Conservatio	n/Environmer	ntal Quality
Total	C1		5,671		New/Ex	panded Facili	ty or Program	
Total		ΙΨ Ο	,071	x	Consiste	ency with Forr	nal Plans or P	Policy
						Availability		
Sources of Funding		2015	201	6	2017	2018	2019+	Total
Wa	ter \$	2010	\$5,21		81,455	\$	\$	\$86,671
	στ φ		40,21	0 4	01,.00	Ψ	Ι Ψ	7 4 5 5 7 5 7
Project Needs/Issues								
There is not a water ma	oin in	thic loo	tion	0.022	ıll lina i	a aurrontly s	arvioina 2	homes which
			111011 –	· a sim	an ime i	s currently s	servicing 5	nomes which
results in low water pro	essure.	•						
Operating Cost Cons	iderat	ions						

Project Name:	Spring S	treet						
Project Type:	, w	ater Improv	ioma	nte				
Department:		ater improv	CITIC	ilis				
<u> </u>	VV	alei						
Project Priority:	20	216						
Project Start Date:		016						
Project End Date:	2(018						
Project Description								
Spring Street water im	proveme	nts						
Estimated Project Co	osts:		Pro	iect Pri	iority Cons	iderations:		
Legal/Survey/Due Diligend		\$			rated Facility			1
Water		\$ 76,625	x		Safety/Legal N	Iandate		1
Engineering/Design		\$ 5,077				ent/Operationa	al Efficiency	
Construction		\$				n/Environmer		1
Construction Inspect. / Oth	er	\$	-			ty or Program		-
		4 04 -00						
Total		\$ 81,702			-			-
		\$ 81,702		Consiste	ency with For	mal Plans or P		
		\$ 81,702		Consiste	-			
		\$ 81,702		Consiste	ency with For			
Total	20			Consiste Funding	ency with Forg Availability	mal Plans or P	Policy	
Total Sources of Funding		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa	20 ater \$			Consiste Funding	ency with Forg Availability	mal Plans or P	Policy	
Total Sources of Funding		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total		015 2010		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa TOTAL Project Needs/Issues	ater \$	015 201 \$5,077		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Water Total	ater \$	015 201 \$5,077		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa TOTAL Project Needs/Issues	ater \$	015 201 \$5,077		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa TOTAL Project Needs/Issues	ater \$	015 201 \$5,077		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa TOTAL Project Needs/Issues	ater \$	015 201 \$5,077		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	
Sources of Funding Wa TOTAL Project Needs/Issues	ater \$	015 201 \$5,077		Consiste Funding 2017	Availability 2018	mal Plans or P	olicy Total	

Project Name:	Commer	ce Street					
Project Type:	W	ater Impro	veme	ents			j
Department:		ater impro	VCIII	ZII CO			
-	VV	alti					
Project Priority:	20)17					
Project Start Date:)17					
Project End Date:	20)18					
Project Description							
Commerce Street water	r improve	ements					
Estimated Project Co	sts:		Pr	oject Pri	iority Cons	iderations:	
Legal/Survey/Due Diligeno		\$ 11,700			ated Facility		
Water		\$135,630	x		afety/Legal M	[andate	
Engineering/Design		\$	^		tic Replaceme		al Efficiency
Construction		\$			e Conservation		
Construction Inspect. / Oth	er	\$	-		panded Facilit		nai Quanty
Total		\$147,330			^	·	. 1:
					ency with Forn	nai Plans or P	oncy
					Availability	nai Plans or P	oncy
Sources of Funding)15 201		Funding 2017	Availability 2018	2019+	Total
Wa				Funding	Availability		
)15 201		Funding 2017	Availability 2018	2019+	Total
Wa)15 201		Funding 2017	Availability 2018	2019+	Total

Project Name:	Dui	tches	s Ter	race						
Project Type:		V	Vater	Improv	eme	ents				
Department:			Vater							
Project Priority:			v utor							
-		2	018							
Project Start Date:										
Project End Date:		2	019							
Project Description										
Dutchess Terrace wate	r in	nprov	emer	nts						
Estimated Project Co			T \$		Pr		iority Cons	iderations:		
Water	_		\$		$\frac{1}{x}$		Safety/Legal M	andate		-
Engineering/Design				8,142	<u> </u>		atic Replaceme		1 Efficiency	-
Construction				8,554	-		e Conservation			
Construction Inspect. / Other	er		\$		_	1			itai Quanty	
Total			\$41	6,696	_		panded Facilit			
							ency with Forr	nal Plans or P	olicy	
						Funding	g Availability			
				18						
							2010	2019+	Total	
Sources of Funding		2	015	2016		2017	2018	2017T		
Wa	ter	\$	015	2016		\$	\$28,142	\$388,554	\$416,696	
	ter		015							
Wa	ter		015							
TOTAL Wa	ter		015							
TOTAL Wa	ter		015							
TOTAL Wa		\$								
TOTAL Project Needs/Issues		\$								

Project Name: I	East V	Villow	Street Wa	ter Impr	ovements		
Project Type:		Water	Improven	ents			
Department:		Water					
Project Priority:		Water					
Project Start Date:		2020					
Project End Date:		2021					
Project Description							
East Willow Street War	er Im	provem	ents				
Estimated Project Cos Survey/Engineering	sts:	\$ 26	P 0,457		iority Cons	iderations:	
Water			5 1 4 1			f d	
Engineering/Design		\$	5,141		Safety/Legal M		1.17.00
Construction		\$			atic Replaceme		
Construction Inspect. / Othe	r	\$			e Conservatio		ital Quality
Total		\$61:	5,688		panded Facilion		
					ency with Form	nal Plans or P	olicy
				Funding	g Availability		
Sources of Funding		2017	2010	2010	2020	2021 .	Total
Sources of Funding	or ¢	2017	2018	2019	2020	2021+	Total
Wat	er \$	2017	2018	2019	2020 \$ 20,457	2021+ \$595,141	Total \$615,688
	er \$	2017					
TOTAL Wat	er \$	2017					
TOTAL Wat	er \$	2017					
Wat	er \$	2017					
TOTAL Wat	er \$	2017					
TOTAL Wat	er \$	2017					
TOTAL Wat							
TOTAL Project Needs/Issues							
TOTAL Project Needs/Issues							
TOTAL Project Needs/Issues							
TOTAL Project Needs/Issues							

Project Name:	Madi	ison Ave	enue						
Project Type:		Water	Impro	ovem	ents				
Department:		Water		J V CIII	CIIIS				
Project Priority:		vv attr							
-		2021							
Project Start Date:		2021							
Project End Date:		2022							
Project Description									
Madison Avenue water	r imp	rovemen	its						
Estimated Project Co	nata.			D.	salaat Du	laultu Can	aid anotion a		
Estimated Project Co Survey Engineering	osts:	\$ 0	9,564			rated Facility	siderations:		1
Water			4,198	-		Safety/Legal N	Nondoto		-
Engineering/Design		\$	1,170	X			ent/Operationa	1 Efficiency	-
Construction		\$		1 -			on/Environmer		-
Construction Inspect. / Oth	er	\$		-				itai Quanty	1
Total		\$14	3,762] -			ty or Program	1.	-
					Consiste	ency with For	mal Plans or P	olicy	1
				-	T 11	4 11 1 11.			-
					Funding	g Availability			
					Funding	g Availability			
Sources of Funding		2018	20	19		•	2022+	Total	
Sources of Funding	iter \$	2018	20 1	19	2020	2021	2022+ \$134.198	Total	
Wa	iter \$		20:	19		•	2022+ \$134,198	Total \$143,762	
	iter \$			19	2020	2021			
TOTAL	ster \$			19	2020	2021			
Wa	ater \$			19	2020	2021			
TOTAL	ster \$			19	2020	2021			
TOTAL	ater \$			19	2020	2021			
TOTAL	tter \$			19	2020	2021			
TOTAL	iter \$			19	2020	2021			
TOTAL	ater \$			19	2020	2021			
TOTAL	iter \$			19	2020	2021			
TOTAL	ater \$			19	2020	2021			
TOTAL Project Needs/Issues				19	2020	2021			
TOTAL				19	2020	2021			
TOTAL Project Needs/Issues				19	2020	2021			
TOTAL Project Needs/Issues				19	2020	2021			
TOTAL Project Needs/Issues				19	2020	2021			

Project Name:	North W	alnut Str	eet					
Project Type:	W	ater Impr	ovem	ante				
		ater mipr	OVCIII	CIIIS				
Department:	VV	alei						
Project Priority:	26	20						
Project Start Date:		020						
Project End Date:	20	021						
Project Description								
North Walnut Street w	ter impr	ovements						
Estimated Project Co	its:		Pr	oject Pri	iority Cons	iderations:		
Survey Engineering		\$ 26,880		Deterior	rated Facility]
Water		\$	x	Public S	Safety/Legal M	Iandate]
Engineering/Design		\$		Systema	atic Replaceme	ent/Operationa	al Efficiency	1
Construction		\$656,750		Resourc	e Conservatio	n/Environmen	ıtal Quality	1
			1	Resoure				
Construction Inspect. / Other	Г	\$ \$ (77.630)	1 -		panded Facili	ty or Program		
Total	r	\$677,630		New/Ex	panded Facili ency with For	·	olicy	
	I .			New/Ex Consiste	ency with For	·	olicy	
	i .			New/Ex Consiste		·	olicy	
	T .			New/Ex Consiste	ency with For	·	olicy	
Total Sources of Funding	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wa	20	\$677,630	019	New/Ex Consiste Funding	ency with Form	mal Plans or P		
Total Sources of Funding	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wa	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wa	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding War TOTAL	20	\$677,630 018 20	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wat TOTAL Project Needs/Issues	20 er \$	\$677,630 018 20 \$	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wat TOTAL	20 er \$	\$677,630 018 20 \$	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wat TOTAL Project Needs/Issues	20 er \$	\$677,630 018 20 \$	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wat TOTAL Project Needs/Issues	20 er \$	\$677,630 018 20 \$	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	
Sources of Funding Wat TOTAL Project Needs/Issues	20 er \$	\$677,630 018 20 \$	019	New/Ex Consiste Funding	ency with Forms Availability 2021	nal Plans or P	Total	