		Madison Water Utility																						
Quella	d Splindd Exprises 1992	2011-2025 Capital Improvemen	nt Budge	et .																				
M	Madison Water Updated: June 1			2010																				
	lity mwn	DRAFT	V-3	Annual Totalo	£ 10.021.100 £	10 265 200	22 010 200	¢ 22 204 200	¢ 21 900 460 ¢	22 665 940	¢ 24.022.400	¢ 22 220 260 €	20.162.520	\$ 18,275,720 \$ 21,252,880	6 10 221 040	¢ 22 200 120	¢ 26.256.620	¢ 25,002,160	¢ 26 667 200	\$ 22,016,000	¢ 25 256 240	\$ 26.676.000	¢ 20105200	¢ 20.796.140
			Primary																					
Line	Project	Date/Description/Purpose	Year	Tasks	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1	rbor Hills Supplemental Fire F		2011																					
3	he pump station will be under constructi	d and procured in 2010 along with completion of project design. ion in 2011 and be finished and in service by 2012. The <u>Arbor</u>		Public Participation Plan Property Purchase																				
4	Hills Supplemental Fire Flow Supply w	rill correct a significant system deficiency identified by the Water a is fed by a single 8-inch main on the Beltline Highway frontage		Consultant Design contract for Pump Station	116,000																			
	oad, the area is vulnerable to water outa	ges and there is a significant restriction in fire flow capacity. This water from Well 18 in Zone 6. The Project includes a pipeline on		Construction Administration	110,000	66,500																		
6	ne Cannonball Bike Trail that will link the			Services Pipeline Construction				750,000	600,000															
7 8				Pump Station Construction Project Total	116,000	950,000 1,016,500		750,000	600,000			-					_		_	_	-	_	- 1	
9					110,000	1,010,300		730,000	000,000															_
	one 4 Fire Flow Supply Augme	entation 2010. The test well and production well are scheduled for 2011	2012	Public Participation Plan																				
12	vith the Unit well scheduled to start cons	truction in 2012 and be finished and in service in 2013. The Zone 4	!	Additional Water Quality Analysis	25,000																			
13	Master Plan in the southeast corner of the	ct will correct a significant system deficiency identified by the Water e system. Due to significant expansion over the years to the south stem will not adequately serve this area for fire flow supply or		Property Purchase	100,000																			
14	ystem reliability and redundancy. There	is also significant development pressure in the southeast and this		Drill Test Well & Analysis Production Well and		130,000																		
15		of the area. Adding a second source of supply to the area will water system level of service for the area up to Utility standards.		Development		602,000																		
				Consultant Design contract for design of Unit Well, Reservoir,																				
16 17				Pump Station, and Pipelines Construct Unit Well		221,000	2,763,000																	
19				Consultant Construction Administration			166,000																	
19				Pipelines						1,217,000														
20			<u> </u>	Project Total	125,000	953,000	2,929,000	-	-	1,217,000	-	-	-		-	-	-	-	-	-	-	-	-	-
22	ast Side Water Supply Project		2011	Consultant Contract	FF0 000																			
23	valuate water demand needs, water qua	Project is intended to combine four projects into one that will lilty issues, and long term planning for the near east side of		Other Direct Expenses	550,000 41,000	41,000																		
25	ladison. A replacement for Well 3, water ill be evaluated with regard to current co	quality issues at Wells 7, 8, and 15, and regional supply needs onservation and water use trends.		Project Total	591,000	41,000	<u> </u>	-	-		-		-			-	_	-		_	-		_	
27				Troject Iolai	531,000	41,000	<u> </u>	-	-	-	-	-	-			-	-	-					-	-
28 29	. Side Phase 2 - Unit Well No. :	15 - VOC Mitigation	2012																					
30	ast Side Phase 2 - Unit Well No. 15 -	VOC Mitigation will address the water quality issues that exist at		UW 15 - VOC Stripper Design		208,000																		
31	IE corner of the City. The project will ber	re of concern. Unit Well 15 is a critical supply component for the nefit the Well 15 service area and improve the quality of the water		Construction Admin Services Construction of Unit Well No. 15			139,000																	
32	ringing it up to minimum Utility water qua	ality standards.		VOC Stripper Project Total		208,000	2,309,000 2,448,000								T -						T -			_
34				110,000 10101		200,000	2,440,000																	
	Side Phase 1 - Unit Well No. 8	8 - Fe and Mn Mitigation ie and Mn Mitigation will address the water quality issues that	2013	UW 8 - Filter Design Documents			358,000																	
37	xist at Well 8 due to iron and manganes	s levels that exceed the EPA secondary standard. Due to the srun, well operation is limited to summer only. A filter would allow		Construction Admin Services			000,000	239,000																
38	ne well to be operational all year long. Ti	he project will benefit existing customers in the east Isthmus area		Well 8 Fe and Mn Filter Construction				3,978,000																
39	nd improve the quality of the water pum	pea from Well 8.		Pipelines Project Total			358,000	4,217,000	-	500,000 500,000	500,000 500,000													
41				•,•••			000,000	4,217,000		000,000	000,000													
	Side Phase 3 - Unit Well No. 7 Fast Side Phase 3 - Unit Well No. 7 - Fe	7 - Fe and Mn Mitigation and Mn Mitigation will address the water quality issues that exist at	2014	UW 7 - Filter Design				372,000																
44	Vell 7 due to iron and manganese levels	that exceed or approach the EPA secondary standard. Due to the srun frequent customer complaints are common in the Well 7		Property Purchase Construction Admin Services			400,000	5.2,555	040.000															
	ervice area. A filter would significantly re	educe the iron and manganese levels in the water produced by the		Construction of Unit Well No. 7					248,000															
	rom Well 7.	of customers experiencing colored water due to water pumped		Fe and Mn Filter Pipelines					4,137,000		500,000	500,000												
48				Project Total	-		400,000	372,000	4,385,000		500,000	500,000			-	-	-	-	-	-	-	-	-	-
49 50	. Side Phase 4 - East Isthmus	Unit Well	2017																					
51	Itility Well #3 was abandoned in early 20	008 due to elevated levels of Carbon Tetrachloride. This project is city. The <u>East Isthmus Unit Well</u> will also restore lost supply		Drill test well and analysis Property Purchase		150,000	250,000																	
53	edundancy and reliability to the east Isth	imus area.		Drill new E. Isthmus Well			230,000			677,000														
54 55				Consultant Design contract Construction of Res & PS							303,000	3,362,000												
56				Pipeline Improvements Construction Administration								202,000	1,000,000	1,150,000										
58				Project Total	-	150,000	250,000	-	-	677,000	303,000		1,000,000	1,150,000 -	-		-	-	-			-	-	-
59 60	dvanced Meter Infrastructure	System	2012																					
	Advanced Meter Infrastructure System	will install an automated meter reading system to the Utility's		Consultant Contract	200,000	05.000	40.00																	
62	rater reduce system demands. The Utilti	rs to closely monitor and control water use and thereby conserve y will be able to implement conservation water rates, monitor the		Other Misc Direct Expenses Procurement and Installation	30,000	35,000 5,794,000	40,000 6,084,000																	
64	ystem for leaks, evaluate and optimize s MI system.	system operation and improve customer service as a result of the		Project Total	230,000	5,829,000	6,124,000	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
66																								
	akeview Reservoir Reconstruction	ction ction in 2013 and be finished and in service by the end of the year.	2013	Public Participation Plan		50,000				-														
69	Reconstructing the Lakeview Reservo	chon in 2013 and be linished and in service by the end of the year. <u>ir</u> will replace an aging storage tank and provide needed additional e north side of the City. This project is justified in the Water Master		Consultant Design contract Construction Services		22,000	175,000	447.000																
70	ravity led water storage in Zone 6 on the Plan and would improve fire figthting cap	acity within the system.		Construct Two Zone Lakeview				117,000																
71				Reservoir Water Main Improvements				1,947,000	900,000	-														
79				Upgrade Booster Pumps @ Res. 113				250,000	,,,,,															
13				Water Main Improvements @																				
74				Res 113 Project Total		50,000	175,000	350,000 2,664,000	900,000	-	-				-	-	-	-	-	-		-		
76	Booster Pump Station #106 Rec	construction	2013																					
	his project is scheduled to start construc	ction in 2013 and be finished and in service by the end of the year.	2013	Public Participation Plan		50,000																		
79	he Rebuilt Booster Pump Station #10 afety standards and codes and to impro	16 project is necessary to bring the pump station up to current ve reliability of operation to the station. This facility allow the Utility		Consultant Design contract Construction of Pump Station			120,000	1,200,000																
	transfer water from Zone 6 to Zone 7.			Construction Contract Administration																				
81 82				Pipeline Improvements				72,000 500,000		1,000,000														
83 84				Project Total	-	50,000	120,000	1,772,000	-	1,000,000	-	-	-		-	-	-	•	-	-		-	-	-
85	aterson Street Building Remod	del and Upgrade	2014																					
87	Paterson Street Building Remodel and	ction in 2014 and be finished and in service in early 2015. The If Upgrade will rebuild the Utility's Operations Center. The existing		Public Participation Plan Architectural Services/Review			35,000	399,000																
98	acility is outdated and cramped and in ne perations more efficient and safe for Util	eed of replacement. A new space will make vehicle maintenance		Materials Storage Building				1,139,000		200														
89	r		L	Furnishings and Equipment					1	300,000	I				1		I		1	1	1			

		Madison Water Utility																							
Queta,	and Diffullity sines 1992	2011-2025 Capital Improvemen	nt Budge	et														***** *****							
M	Madison Updated: June 1																								
	ility mwu	DRAFT																							
O.	ility moved	DIVAL' I	V−3 Primary	Annual Totals	\$ 10,931,100 \$	19,265,300	\$ 22,918,300	\$ 22,304,200	\$ 21,899,460	\$ 23,665,840	\$ 24,022,400	\$ 22,228,260	\$ 20,162,520	\$ 18,275,720	\$ 21,252,880	\$ 19,321,940	\$ 23,288,120 \$	\$ 26,356,620	\$ 25,092,160	\$ 26,667,380	\$ 23,916,900	\$ 25,256,240	\$ 26,676,0	000 \$ 28,185	5,300 \$ 29,786,140
Line	Project	Date/Description/Purpose	Year	Tasks	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
90				Construction Admin Vehicle Maintenance Building				68,000	231,000																
91				Construction	1		25.222	1 222 222	3,849,000																
92				Project Total	-	-	35,000	1,606,000	4,080,000	300,000	-	-	-	-	-	-	-	<u> </u>	-	-	-	-	+	-	
	Zone 7 & 8 Supplemental Suppl		2015	Public Participation Plan																					
95 96	8 Supplemental Supply project provide	ction in 2015 and be finished and in service in 2016. The Zone 7 & additional water supply capacity to both Zones 7 & 8. This well		Property Purchase	е	250,000																			
97	redundancy to the area. The facility will p	to address projected system demands and provided needed system provide needed operational flexibility by feeding both Zone 7 and		Drill test well Drill production Well		130,000		638,000																	
00	Zone 8 and providing a means of moving	g water between these two zones.		Consultant Design contract for Unit Well	r				258,000																
				Construction of Reservoir and Pump Station	i i				200,000																
100				Consultant Contract	t					3,230,000													-		
101				Administration Pipeline Improvements						194,000		600,000	1,000,000												
102				Project Total		380,000	-	638,000	258,000	3,424,000	-	600,000	1,000,000	-	-	-	-		-	-	-	-		-	
104	North End Supplemental Water	Suppy - Hoepker Rd	2016																						
106	This project is scheduled to start construct	action in 2016 and be finished and in service by 2017. The <u>North</u>		Public Participation Plan Drill test well			52,000	130,000																	
108	north end of Zone 6. This well was identif	epker Rd project provides additional water supply capacity to the fified in the Water Master Plan to address system supply issues		Drill Production Well	II .			130,000	658,000																
109	projected in the future.	-		Consultant Design contract Construction of Unit Well,	,					296,000													+		
110				Reservoir and Pump Station Consultant Contract	1						3,695,000												1		
111				Administration	1						222,000	750.000		FC0 00-	000.000										
112		-		Pipelines Project Total		-	52,000	130,000	658,000	296,000	3,917,000	750,000 750,000	-	500,000 500,000	600,000 600,000	-	-	-	-	-	-	-		-	
114	Zone 44 Bi-shirms 51	Panaminin	2016				,	,	.,	-,		-,		,	,										
115	Zone 11 - Blackhawk Elevated F Construction of the Blackhawk Elevated I	Reservoir is scheduled for the year 2016. The Blackhawk	2016	Public Participation Plan	וו				55,000																
117	Elevated Reservoir project will provide to service from pumped to gravity. This proj	the planned water storage capacity to Zone 11 and upgrade the ject will provide reliable service and minimum fire flow pressure		Consultant Design contract Construction Services	t s					164,240	123,180														
110	zone 11. This project is identified in the	Master Plan.		Construct 750,000 gallon reservoir	1						2,053,000														
119				Reservoir piping improvements																			-		
120				Water Main Improvements	3						200,000	500,000			750,000										
122				Project Total		-	-	-	55,000	164,240	2,376,180	500,000	-	-	750,000	-	-		-	-	-	-		-	
123	Booster Pump Station 114		2017																						
125	This project is scheduled to start construction Project will pro	oction in 2017 and be finished and in service by the end of the year. Divide the Utility with operational flexibility on the west side. The		Public Participation Plan Consultant Design contract						56,000	108,000														
127	station will transfer water from Zone 6 to	Zones 7 and 8 and back again through PRV's. This operation will he west side of the system. It will benefit customers through gained		Construction Services	S						100,000	72,000													
128 129	system reliability.	ne west side of the system. It will benefit customers through gained		Construct BPS 114 Water Main Improvements							900,000	1,202,000	1,000,000												
130				Project Total	-	-	-	-	-	56,000	1,008,000	1,274,000	1,000,000	-	-	-	-	-	-	-	-	-		-	
131	Pressure Zone 9 Storage		2015																						
133	This project is scheduled to start construct	ction in 2015 and be finished by the end of the year. The <u>Pressure</u> inificant system storage deficiency in the Zone 9 area identified by		Public Participation Plan Reservoir Property Purchase				53,000	300,000																
135	the Water Master Plan. Pressure Zone 9	has developed significantly with not only residential but the fire flow requirements have increased due to this development to		Consultant Design Services	3				168,000																
136	the point that current facilities do not mee	et minimum standards. The Master Plan proposes to construct		Construct 750,000 gallon elevated reservoir	r					2,105,000															
137	storage on the west side of the zone to h	nyoraulically balance the system.		Construction Contract Administration						126,000															
120				Reservoir Pipeline Construction						400.000															
139				Project Total		-	-	53,000	468,000	2,631,000	-	-	-	-	-	-	-		-	-	-	-		-	
140	Pump Station 220 - Raymond Re	Road PS	2016																						
142	This project is scheduled to start construction	iction in 2016 and be finished and in service by the end of the year.		Public Participation Plan					55,000																
143	Pressure Zones 9 and 10. The station wil	ad Pump Station project will setup operational flexibility within ill transfer water from Zone 7 to Zones 9 and 10 and back again		Dual Zone Pump Station Design						92,000															
144	through a PRV. This operation will provid fully use existing facilities in providing op-	de the ability to share water supply resources between zones and		Dual Zone Pump Station Construction	1						1,156,000														
145		ļ		PRV station	1						69,000														
146				Booster Station Piping Upgrade									1,250,000												
147 148				Project Total	-	-	-	-	55,000	92,000	1,225,000	-	1,250,000	-	-	-	-	-	-	-	-	-		-	
	Booster Station 129 Reconstruc		2020	Public Participation Plan									04.000												
150 151	The Booster Station 129 project will rep	iction in 2020 and be finished and in service by the end of the year. Dlace the tempary pump station constructed on the Well 29 site. The		Design	1								61,000	108,000											
152 153	station will transfer water from Zone 6 to supply and fire flow capability to the far e	Zone 3 and back again through a PRV. This operation will provide east side of the system. It will benefit customers through gained		Construction Services Water Main Improvements											81,000 900,000										
154	reliability.			Construct BPS 129	9								*	**	1,352,000										
155 156				Project Total	-	-	-	-	-	-	-	-	61,000	108,000	2,333,000	-	-	-	-	-	-	-	<u> </u>	-	
157	Zone 10 Far West Elevated Res		2022	Public Participation Plan											05.000								1		
158 159	West Flevated Reservoir project will pro	de Elevated Reservoir is scheduled for 2022. The Zone 10 Far ovide additional water storage capacity to Zone 10. As pressure		Consultant Design contract	t										65,000	223,840									
160	l elevated tank on High Point Road no Iono	idential but commercial and institutional facilities, the existing iger provides sufficient capacity. Providing minimum fire flow		Construction Services Construct 750,000 gallon													195,860						+		
161	requirements to this development is nece Master Plan.	essary to meet minimum standards. This project is identified in the		reservoir Reservoir piping improvements	r												2,598,000						-		
162																	200,000								
163 164				Water Main Improvements Project Total		-	-	-	-	-	-	-	-		65,000	223,840	500,000 3,493,860		-	-		-	+	-	
165	Near West Cid- Way 2	Project Clamum	2023												,	-,									
167	Near West Side Water Supply Portion This project is currently scheduled for core	instruction in 2023. The Near West Side Water Supply Project	2023	Public Participation Plan										63,000											
168 169	project will provide additional water suppl Water Master Plan to address system su	ly capacity to both Zones 6 & 7. This well was identified in the		Drill Test Well Drill production Well											160,000	809,000							1		
104		11.5		Consultant Design contract for	r											000,600									
170				Unit Well, Reservoir and Pump Station	ו												389,000								
171				Construction of Unit Well, Reservoir and Pump Station	1													4,862,000							
177		ļ		Construction Contract Administration	t													292,000							
1/2				Water Main Hydraulic														232,000							
173				Improvements Project Total			- 1		-					63,000	160,000	809,000	389,000	5,154,000	750,000 750,00 0				<u></u>		
					_		-			-		-	-	-	. —————————————————————————————————————	-		-					. —	-	

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	Madison Water Utility																							
Quality and Optivities area 1992	2011-2025 Capital Improvemer	nt Budget																						
Madison	ison				•																			
Water IIIII	Updated: June 17, 2010		510																					
Utility mww	DRAFT	V-3	Annual Totals	\$ 10,931,100	\$ 19 265 300	\$ 22 918 300	\$ 22 304 200	21 899 460	\$ 23 665 840	\$ 24,022,400 \$	22 228 260	\$ 20 162 520	\$ 18,275,720 \$	21 252 880	\$ 19 321 940	\$ 23 288 120	\$ 26356620	\$ 25,092,160	\$ 26,667,380	\$ 23 916 900	\$ 25 256 240	\$ 26.676.000	\$ 28,185,300	\$ 29 786 140
		Primary	7 illian 7 otalo										\$ 10,275,720 \$											
Line Project	Date/Description/Purpose	Year	Tasks	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
175		2024																						
176 Booster Pump Station 320		2024	Public Participation Plan													69,000								
178 with operational flexibility on the w	onstructed in 2024. The <u>Booster Station 320</u> project will provide the Utility west side. The station will transfer water from Zone 6 to Zones 7 and 8 and		Consultant Design contract													03,000	127,000							
	operation will provide flexibility in source of supply to the west side of the hrough gained system reliability.		Construction Services Construct BPS 114															95,000						
180 System. It will benefit customers tr	iii dugiri gairied system reitability.		Water Main Improvements															900,000 1,582,000						
182			Project Total	-	-	-	-	-	-	-	-	-	-	-	-	69,000	127,000	2,577,000	-	-	-	-	-	-
183																								
184 Unit Well No. 10 - Fe and N		2025	Public Participation													50,000								
	Instructed in 2025. <u>Unit Well No. 10 - Fe and Mn Mitigation</u> will address at Well 10 due to iron and manganese levels that exceed the EPA		Pilot Study													50,000	50,000		-					
	te to the elevated iron and manganese, the well has been placed on supply		Deep Well reconstruction														681,000							
existing customers in the Zone 7 s	w the well to be returned to year around service. The project will benefit service area by providing additional supply redundancy and reliability and		UW 10 - Filter Design Construction Administration															300,000						
it would bring the water quality at	Well 10 up to minimum Utility water quality standards.		Services																262,500					
100		C	Construction of Unit Well No. 10 Fe and Mn Filter	-															3 750 000					
191			Project Total	-	-	- 1	-	-	-	-	-	-	-	-	-	50,000	731,000	300,000	4,012,500	-	-	-	-	-
192																,	,,,,,							
193 SCADA System Upgrade		Ongoing	System Wide SCADA Upgrade																					
I his project is the upgrade and me system. This is a critical control sy	noderization of the Utility's Supervisory Control and Data Acquistion ystem that has reached the end of its life.		to PLC (2007 - 2010)	300,000	30,000	32,000	34,000	36,000	38,000	250,000	263,000	276,000	40,000	42,000	44,000	46,000	48,000	50,000	53,000	56,000	59,000	62,000	65,000	68,000
195	,		Project Total	300,000	30,000	32,000	34,000	36,000	38,000	250,000	263,000	276,000	40,000	42,000	44,000	46,000	48,000	50,000	53,000	56,000	59,000	62,000	65,000	68,000
196 197 Infrastructure System Plan		Ongoing	Total Replacement Budget	6.773.000	7.310.000	7.566.000	7.869.000	8.079.000	13.32 8.402.000	8.822.000	9.263.000	9.726.000	10.212.000	16.21 10.722.000	11.259.000	11.822.000	12.413.000	13.033.000	16.26 13.685.000	14.369.000	15.087.000	15.841.000	16.633.000	18.84 17.465.000
	ned system replacement and upgrade program that provides for annual	Oligoling	Reconstruction Projects	4,410,000	3,564,000	3,689,000	3,837,000	4,770,000	4,961,000	5,209,000	5,469,000	5,742,000	6,029,000	6,330,000	6,647,000	6,979,000	7,328,000	7,694,000	8,079,000	8,483,000	8,907,000	9,352,000	9,820,000	10,311,000
199 main replacements. The Utilty nee	eds to replace over 400 miles of pipe in the next 40 years to renew the		Resurfacing Projects	2,363,000	3,746,000	3,877,000	2,432,000	3,309,000	3,441,000	3,613,000	3,794,000	3,984,000	4,183,000	4,392,000	4,612,000	4,843,000	5,085,000	5,339,000	5,606,000	5,886,000	6,180,000	6,489,000	6,813,000	7,154,000
system. A planned annual increas	se in spending to accomplish this goal by 2050 will be continued.		East Washington Improvements				1.600.000																	
201			New Pipeline Construction	750,000	788,000	835,000	893,000	964,000	1,051,000	1,156,000	1,272,000	1,399,000	1,539,000	1,693,000	1,862,000	2,048,000	2,253,000	2,478,000	2,726,000	2,999,000	3,299,000	3,629,000	3,992,000	4,391,000
202			Security Upgrades	184,000	191,000	199,000	207,000	215,000	224,000	233,000	242,000	252,000	262,000	272,000	283,000	294,000	306,000	318,000	331,000	344,000	358,000	372,000	387,000	402,000
203			Project Total	7,707,000	8,289,000	8,600,000	8,969,000	9,258,000	9,677,000	10,211,000	10,777,000	11,377,000	12,013,000	12,687,000 4.50	13,404,000	14,164,000	14,972,000	15,829,000	16,742,000 5.48	17,712,000	18,744,000	19,842,000	21,012,000	22,258,000 6.66
205 Misc. Pump Station/PRV/F	Facility Projects	Ongoing																						
	various minor improvement projects that are necessary to sustain the		PRV Station Vondron Rd PRV Station Gammon Rd		50,000			50,000																
established level of service. For bi	oudgeting purposes, these projects are itemized under a single heading.		Upgrade Booster Pumps			•		50,000																
208			@ UW 25	260,000																				
209			Upgrade Booster Pumps @ UW 20		350,000																			
			Upgrade Booster Pumps		300,000																			
210			@ Res. 115 Water Main Improvements			175,000	-				-			-					-					
211			@ BPS 115			750,000																		
212			PRV @ 126 Generator @ UW 26		235,000				50,000															
213			Long Range Master		235,000																			
214			Plan Pipelines Upgrade Misc. Projects		4 000 000		050.00	000.055	2,139,000	2,246,000	2,358,000	2,476,000	2,600,000	2,730,000	2,867,000	3,010,000	3,161,000	3,319,000	3,485,000	3,659,000	3,842,000	4,034,000	4,236,000	4,448,000
215			Misc. Projects Consultant Services	31,200	1,000,000 196,200	111,000	350,000 42,000	368,000 50,160	386,000 309,000	405,000 318,120	500,000 342,960	525,000 360,120	551,000 378,120	579,000 397,080	608,000 417,000	638,000 437,760	670,000 459,720	704,000 482,760	739,000 506,880	776,000 532,200	815,000 558,840	856,000 586,800	899,000 616,200	944,000 647,040
217			Project Total	291,200	1,831,200	1,036,000	392,000	468,160	2,884,000	2,969,120	3,200,960	3,361,120	3,529,120	3,706,080	3,892,000	4,085,760	4,290,720	4,505,760	4,730,880	4,967,200	5,215,840	5,476,800	5,751,200	6,039,040
218		0																						
219 System Wide 220 Soveral system wide tasks are inc	cluded in the Capital Budget that cover a variety of repair, rehabilitation.	Ongoing	Lead Service Replacement	200.000	100,000						-				-	-		-		-	-	-	-	-
	ting purposes, these projects are itemized under a single heading.		Meter Program	339,000	50,000	50,000	375,000	383,000	391,000	399,000	407,000	415,000	423,000	431,000	440,000	449,000	458,000	467,000	476,000	486,000	496,000	506,000	516,000	526,000
222			Safety Additions to the Plant Olin Admin Office Maintenance	16,100	25,000	26,900	28,900	31,100	33,400	35,900	38,000	40,000	42,000	44,000	46,000	48,000	50,000	53,000	56,000	59,000	62,000	65,000	68,000	71,000
223				15,800	16,600	17,400	18,300	19,200	20,200	21,200	22,300	23,400	24,600	25,800	27,100	28,500	29,900	31,400	33,000	34,700	36,400	38,200	40,100	42,100
224			Unit Well Rehab	100,000	108,000	116,000	125,000	134,000	144,000	155,000	167,000	180,000	194,000	209,000	225,000	242,000	260,000	280,000	301,000	324,000	348,000	374,000	402,000	432,000
225			General Consultant Services Paterson Vehicle	50,000	55,000	61,000	67,000	74,000	81,000	89,000	98,000	108,000	113,000	119,000	125,000	131,000	138,000	145,000	152,000	160,000	168,000	176,000	185,000	194,000
226			Storage Bldg Maintenance	800,000	30,000	32,000	34,000	37,000	40,000	43,000	46,000	49,000	53,000	57,000	61,000	66,000	71,000	76,000	82,000	88,000	95,000	102,000	110,000	118,000
227			Paterson Office and Shop Maintenance	50,000	53,000	56,000	59,000			20,000	21,000	22,000	23,000	24,000	25,000	26,000	27,000	28,000	29,000	30,000	32,000	34,000	36,000	38,000
228			Project Total	1,570,900	437,600	359,300	707,200	678,300	709,600	763,100	799,300	837,400	872,600	909,800	949,100	990,500	1,033,900	1,080,400	1,129,000	1,181,700	1,237,400	1,295,200	1,357,100	1,421,100
229			Total Estimated Annual C4-																					
		1	Total Estimated Annual Costs	10.931.100	19,265,300	22,918,300	22,304,200	21,899,460	23,665,840	24,022,400	22,228,260	20,162,520	18,275,720	21,252,880	19,321,940	23,288,120	26,356,620	25,092,160	26,667,380	23,916,900	25,256,240	26,676,000	28,185,300	29,786,140
	1			,,,,,,,,,	,	,5.0,000	,50-,200	,_00,,00	,000,070	,>==,+00	,0,0	,,	,,	,_02,000	, , , ,	,,	,500,020	,,,,,,,,,	,,,,,,,,,,	,0.0,000	,	,0.0,000	,.00,000	

2011 Long Range Cap Bdgt