Beaumont-Cherry Valley Water District
2020-2024 Capital Improvement Budget
Appendix B
Potable Infrastructure Projects

Project No.	Year Needed	Title	FUNDING SOURCE: Facility Fees	Cap. Repl. Res	Developer	Other	Footnotes	(A) Total Project Cost 2016 Dollars	Year	(A1) New Project Dollars	(B) Actual 2017	(C) Actual 2018	(D) Estimated Actual 2019	(E) = (A/A1) - (B) - (C) - (D) Estimated Carryover 2019	(F) = (E) x CY inflation 2020	(G) = (E) x (CY Inflation) - (F) 2021	(H) = (E) x (CY Inflation) - (F) - (G) 2022	(I) = (E) x (CY Inflation) - (F) - (G) - (H) 2023	(J) = (E) x (CY Inflation) - (F) - (G) - (H) - (I) 2024	Facilities Fees	Capital Replace.	Developer	Other	Total Adjusted Budget
Inflation Factor		**1.02816/year**						**1.05553**							**1.1175**	**1.149**	**1.1813**	**1.2146**	**1.2488**					
BP-2750-0001	2020	2750 Zone to 2850 Zone Booster Pump Station	0%	100%	0%	0%		$ 3,201,686						3,201,686		1,103,621	2,678,531			$ -	$ 3,782,152	$ -	$ -	$ 3,782,152
BP-2850-0001	2022	2850 Zone to 3040 Zone Booster Pump Station	100%	0%	0%	0%		$ 3,474,409						3,474,409			410,432	3,809,585		$ 4,220,017	$ -	$ -	$ -	$ 4,220,017
BP-3040-0001	2020	3040 to 3330 Booster Pump Station at Noble Tank	50%	50%	0%	0%		$ 1,960,515						1,960,515		225,263	1,045,347	1,110,632		$ 1,190,621	$ 1,190,621	$ -	$ -	$ 2,381,242
BP-HS-0001	2020	Add 3rd Booster Pump and Fire Pump at HS Hydropneumatic	0%	100%	0%	0%		$ 214,405						214,405					267,748	$ -	$ 267,748	$ -	$ -	$ 267,748
M-0000-0001	2020	800hp Spare Motor	0%	100%	0%	0%		$ 125,000			1,023	1,410	-	122,567	136,969					$ -	$ 136,969	$ -	$ -	$ 136,969
M-0000-0002	2020	Chlorination Retrofit At Misc. Wells (6 Well Sites)	0%	100%	0%	0%		$ 90,000				27,739		62,261	69,577					$ -	$ 69,577	$ -	$ -	$ 69,577
M-2750-0001	2020	2850/2750 Pressure Reducing Station & Piping (Cherry Reservoir)	0%	100%	0%	0%		$ 50,000			869			49,131		56,452				$ -	$ 56,452	$ -	$ -	$ 56,452
M-2850-0001	2020	Well 25 East Block Wall and Entrance Gate	100%	0%	0%	0%		$ 55,000			2,982	1,778		50,240	56,143					$ 56,143	$ -	$ -	$ -	$ 56,143
M-3040-0001	2020	Well 5 Liner	0%	100%	0%	0%		$ 25,000			48,758			(23,758)						$ -	$ -	$ -	$ -	$ -
M-3040-0002	2020	Noble Booster Pump and Motor(Spare Pump & Motor)	0%	100%	0%	0%		$ 25,000			1,323	1,654		22,023	24,611					$ -	$ 24,611	$ -	$ -	$ 24,611
PR-3330-0001	2020	3330 to 3150 Lower Mesa, Noble Regulator	0%	100%	0%	0%		$ 68,609						68,609				83,333		$ -	$ 83,333	$ -	$ -	$ 83,333
PR-3620-0001	2020	3620 to 3330 Fisher Pressure Regulator	0%	100%	0%	0%		$ 145,795						145,795	48,878			128,205		$ -	$ 177,083	$ -	$ -	$ 177,083
T-3040-0001	2020	2 MG 3040 Zone Tank	100%	0%	0%	0%		$ 3,455,242			11,151	148,963	24,904	3,270,224	3,106,304	651,183				$ 3,757,487	$ -	$ -	$ -	$ 3,757,487
T-3040-0001	2020	Pressure Zone Pipeline	100%	0%	0%	0%		$ 1,117,179			5,199	8,740	7,251	1,095,989	1,041,053	218,239				$ 1,259,291	$ -	$ -	$ -	$ 1,259,291
TM-3040-0001	2020	Highland Springs Reservoir Recoat & Retrofit	0%	100%	0%	0%		$ 350,000				-		350,000	391,125					$ -	$ 391,125	$ -	$ -	$ 391,125
TM-3330-0001	2020	Lower Edgar Reservoir Recoat & Retrofit	0%	100%	0%	0%		$ 350,000				-		350,000	391,125					$ -	$ 391,125	$ -	$ -	$ 391,125
W-2750-0001	2020	Replacement for Well 2	0%	100%	0%	0%		$ 4,981,096			4,023	25,649	3,140	4,948,284	1,658,912	2,013,333	2,173,163			$ -	$ 5,845,408	$ -	$ -	$ 5,845,408
W-2750-0002	2022	2750 Zone Well in Noble Creek Regional Park	100%	0%	0%	0%		$ 6,152,420			5,767	10,965		6,135,688		2,114,972	513,312	4,824,124		$ 7,452,407	$ -	$ -	$ -	$ 7,452,407
W-2750-0005	2020	Replace 2750 Zone Well 1	0%	100%	0%	0%		$ 3,677,088			5,167	25,663	5,750	3,640,508	1,627,307	2,555,637				$ -	$ 4,182,944	$ -	$ -	$ 4,182,944
W-2850-0001	2022	New Beaumont Basin Well on Pardee Sundance Site	100%	0%	0%	0%		$ 6,152,420			5,039	10,965		6,136,416			2,180,356	527,294	4,955,507	$ 7,663,157	$ -	$ -	$ -	$ 7,663,157
W-2850-0006	2020	Re-equip Well 23	0%	100%	0%	0%		$ 788,125						788,125					492,105	$ -	$ 492,105	$ -	$ -	$ 492,105
WR	2020	Grand Avenue Storm Drain	100%	0%	0%	0%		$ 4,662,012			13,769	1,056	2,799	4,644,388	2,595,052	2,741,350				$ 5,336,402	$ -	$ -	$ -	$ 5,336,402
WR-REWTR-Plan	2018	Recycled Water Masterplan Update 2016	100%	0%	0%	0%		$ -			53,341	10,353	-	(63,694)						$ -	$ -	$ -	$ -	$ -
		2016 Capacity Fee Study	100%	0%	0%	0%			2017		1,617	308	3,400	(5,325)						$ -	$ -	$ -	$ -	$ -
		Security Gate at 12th & Palm Operations	0%	100%	0%	0%			2018	$ 10,350		10,350								$ -	$ -	$ -	$ -	$ -
		New Fire Hydrant 1462 E 6th Street	0%	100%	0%	0%			2018	$ 17,815		17,815								$ -	$ -	$ -	$ -	$ -
		New Fire Hydrant 9320 Oak Glen Rd.	0%	100%	0%	0%			2018	$ 7,196										$ -	$ -	$ -	$ -	$ -
		Well 3 Motor Rewind, Bearing and Electrical Replacement	0%	100%	0%	0%			2018	$ 40,297		40,297								$ -	$ -	$ -	$ -	$ -
		Well 6 Pumping Unit Refurbishment	0%	100%	0%	0%			2018	$ 32,447		32,446								$ -	$ -	$ -	$ -	$ -
		Well 11 Pumping Unit Refurbishment	0%	100%	0%	0%			2018	$ 13,979		13,979								$ -	$ -	$ -	$ -	$ -
		Well 12 Pumping Unit Refurbishment	0%	100%	0%	0%			2018	$ 29,412		29,412								$ -	$ -	$ -	$ -	$ -
		Well 19 Pumping Unit Refurbishment	0%	100%	0%	0%			2018	$ 31,387		31,387								$ -	$ -	$ -	$ -	$ -
		Well 20 Pumping Unit Refurbishment	0%	100%	0%	0%			2018	$ 16,919		16,919								$ -	$ -	$ -	$ -	$ -
		Well 22 Capital Improvements	0%	100%	0%	0%			2018	$ 217,660		185,047	20,701	11,912	13,312					$ -	$ 13,312	$ -	$ -	$ 13,312
		Well 25 Motor Bearing & Electrical Replacement	0%	100%	0%	0%			2018	$ 26,661		26,661								$ -	$ -	$ -	$ -	$ -
		Well 26 Pumping Unit Refurbishment & Motor Bearing Replacement	0%	100%	0%	0%			2018	$ 92,933		92,933								$ -	$ -	$ -	$ -	$ -
		Arc Flash Study & Improvement Project	0%	100%	0%	0%			2019	$ 58,708				58,708	65,606					$ -	$ 65,606	$ -	$ -	$ 65,606
		Well Eyewash Station Additions	0%	100%	0%	0%			2019	$ 51,630			6,410	45,220	50,533					$ -	$ 50,533	$ -	$ -	$ 50,533
		Well 21 Generator Conduit & Wiring (New Motor)	0%	100%	0%	0%			2019	$ 33,090				33,090	36,978					$ -	$ 36,978	$ -	$ -	$ 36,978
		Climate Control for High Horsepower Electrical Buildings	0%	100%	0%	0%			2019	$ 50,000				50,000	55,875					$ -	$ 55,875	$ -	$ -	$ 55,875
		Well 3 Capital Replacements	0%	100%	0%	0%	1		2019	$ 113,240				100,042	13,198					$ -	$ -	$ -	$ -	$ -
		Well 4a, 10, 18 Rehabilitation	0%	100%	0%	0%	1		2019	$ 145,102				5,802	139,300					$ -	$ -	$ -	$ -	$ -
		Well 21 & Booster 21A Motor Replacements	0%	100%	0%	0%	1		2019	$ 70,837				59,889	10,948					$ -	$ -	$ -	$ -	$ -
																								$ -
								$ 41,121,002		$ 1,059,663	160,028	772,489	240,088	41,000,863	11,369,359	11,680,050	9,001,140	10,483,172	5,715,361	$ 30,935,526	$ 17,313,556	$ -	$ -	$ 48,249,081
Footnotes:										Facility Fees	$98,865	$193,128	$38,354	$25,718,593	$6,798,551	$5,838,376	$3,626,773	$9,716,318	$4,955,507	$ 30,935,526				$ 30,935,526
	GENERAL	Budget amounts are subject to change from one year to the next because of inflation.								Cap Replacement	$61,163	$579,361	$201,734	$15,282,270	$4,570,807	$5,841,674	$5,374,367	$766,854	$759,854		$ 17,313,556			$ 17,313,556
		Budget amounts in 2020 for a project that are unspent would cause that same project to								Developer	$0	$0	$0	$0	$0	$0	$0	$0	$0			$ -		$ -
		cost more in 2021								Other	$0	$0	$0	$0	$0	$0	$0	$0	$0				$ -	$ -
		Carryover amounts are not added to Budget amounts, Carryover amounts are allocated to a budget year(s).								Total	$160,028	$772,489	$240,088	$41,000,863	$11,369,359	$11,680,050	$9,001,140	$10,483,172	$5,715,361	$ 30,935,526	$ 17,313,556	$ -	$ -	$ 48,249,081
	1	Project was not originally identified in CIP or 2019 CIB																						