

BERRIGAN COUNCIL - STRATEGIC ACTION PLANNING (SEWERAGE)							ESTIMATED COSTS (\$)																					
CAPITAL WORKS (Sewerage)							09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	Total
<b>Data Source</b>																												
	<b>Major works</b>																											
	<b>Berrigan</b>																										0	
	<b>Finley:</b>																										0	
	<b>Barooga:</b>																										0	
	<b>Tocumwal:</b>																										0	
	<b>Sub-total (major works)</b>						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Minor New Works</b>																										0	
	<b>General</b>																										0	
	Alternative power supply arrangements for PS																										0	
	Upgrade the telemetry system								10,000		5,000			5,000			5,000			5,000		5,000		5,000		45,000		
	<b>Berrigan</b>																										0	
	Desilt primary pond												50,000														50,000	
	Desilt the sludge lagoons									20,000															20,000		40,000	
	Bank L shaped Pond							13,000																			13,000	
	<b>Barooga</b>																										0	
	Desilt primary pond											50,000															50,000	
	Gravel Pond Banks								9,000																		9,000	
	Effluent Recycling System							7,000																			7,000	
	Rock Beaching to Ponds								20,000																		20,000	
	<b>Finley</b>																										0	
	Desilt primary pond													50,000													50,000	
	Desilt the sludge lagoons								35,000															30,000			65,000	
	Overflow/Transfer line for the ponds								3,000																		3,000	
	Improve OH & S conditions for gaining access to recycling pum								3,000																		3,000	
	Gravel Pond Banks									10,000																	10,000	
	<b>Tocumwal</b>																										0	
	Desilt the maturation pond																										25,000	
	Bypass line and control valve on the S. dam outlet											7,000															7,000	
	New line and stop valve to bypass the first "old" pond								12,000																		12,000	
	Upgrade the central column of the trickling filter									25,000																	25,000	
	Sludge treatment lagoon																										0	
	Safety Rail to Concrete Path								3,000																		3,000	
	Lock Up Storage								3,000																		3,000	
	Gravel Pond Banks								7,000																		7,000	
	<b>Sub-total (Minor works)</b>						7,000	108,000	45,000	20,000	12,000	50,000	50,000	55,000	25,000	5,000	0	0	5,000	0	0	5,000	0	35,000	0	25,000	0	447,000
	<b>Renewals:</b>																											
	<b>General</b>																											
SBP App B	Digester Valves						10,000	20,000	20,000																		50,000	
	STP exposed pipe Works													30,000													30,000	
	Trickling Filter Arm						60,000												60,000								120,000	
	Replace/Upgrade central column of trickling filter																						60,000					
	Upgrade ammenities at STP's									20,000																		
	<b>Berrigan:</b>																											
	Refurbish concrete work TF, ST, Channel								40,000																			
SBP App B	Pump/valve Replacement (STP)											15,000										20,000					35,000	
SBP App B	Pump Stations upgrade						10,000	10,000	20,000				10,000					30,000				25,000				25,000	130,000	
	Truck Wash Avdata/Pump												10,000												10,000			20,000
	Trickling Filter Arm						20,000														20,000							40,000
	Sewer Replacement						5,000	5,000	30,000						40,000									40,000		100,000	320,000	
	other minor works							20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	510,000
	<b>Finley:</b>																											
	Truck Wash Avdata/Pump												10,000													10,000	20,000	
	Refurbish concrete work									10,000																		
	replace slip rings of the clarifiers										2,500					2,500				2,500					2,500			
	STP effluent pump							6,000															8,000				14,000	
	STP exposed pipe Works														15,000												15,000	
	Sewer Replacement						5,000	5,000	10,000	10,000					40,000						40,000				100,000		210,000	
	other minor works							20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	510,000	
	<b>Barooga:</b>																										0	
	Desilt the sludge lagoons											50,000																
SBP App B	Pump Stations upgrade						52,000	15,000	5,000			20,000	20,000									20,000					152,000	
	Fencing																										20,000	
	Sewer Replacement																										0	
	Other minor works							10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	300,000	

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CAPITAL WORKS (Sewerage)		09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	Total
	<b>Tocumwal</b>																						<b>0</b>
<i>GHD Capex</i>	Pump Statio No 9 shed		43,750																				<b>43,750</b>
	Refurbish concrete work					20,000																	
	Replace the actuator valves on the Imhof Tank lines		18,000																				
	Replace pumps in PS No 9			20,000																			
<i>GHD Capex</i>	Pump stations Upgrade	40,000		30,000	30,000							40,000	40,000										<b>180,000</b>
SBP App A	Trickling Filter Arm for Filter												15,000										<b>15,000</b>
SBP App B	Digester Valves	10,000	10,000	10,000																			<b>30,000</b>
	Sewer Replacement	5,000	5,000	20,000	30,000		63,000	63,000		63,000		63,000	63,000			75,000	75,000			100,000	100,000		<b>725,000</b>
	other minor works	12,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	<b>522,000</b>
	<b>Sub-total(Renewals)</b>	#####	207,750	285,000	160,000	92,500	218,000	183,000	90,000	218,000	112,500	223,000	258,000	110,000	190,000	227,500	270,000	130,000	178,000	310,000	312,500	255,000	<b>4,259,750</b>
	<b>GRAND TOTAL</b>	#####	315,750	330,000	180,000	104,500	268,000	233,000	145,000	243,000	117,500	223,000	258,000	115,000	190,000	227,500	275,000	130,000	213,000	310,000	337,500	255,000	<b>4,706,750</b>