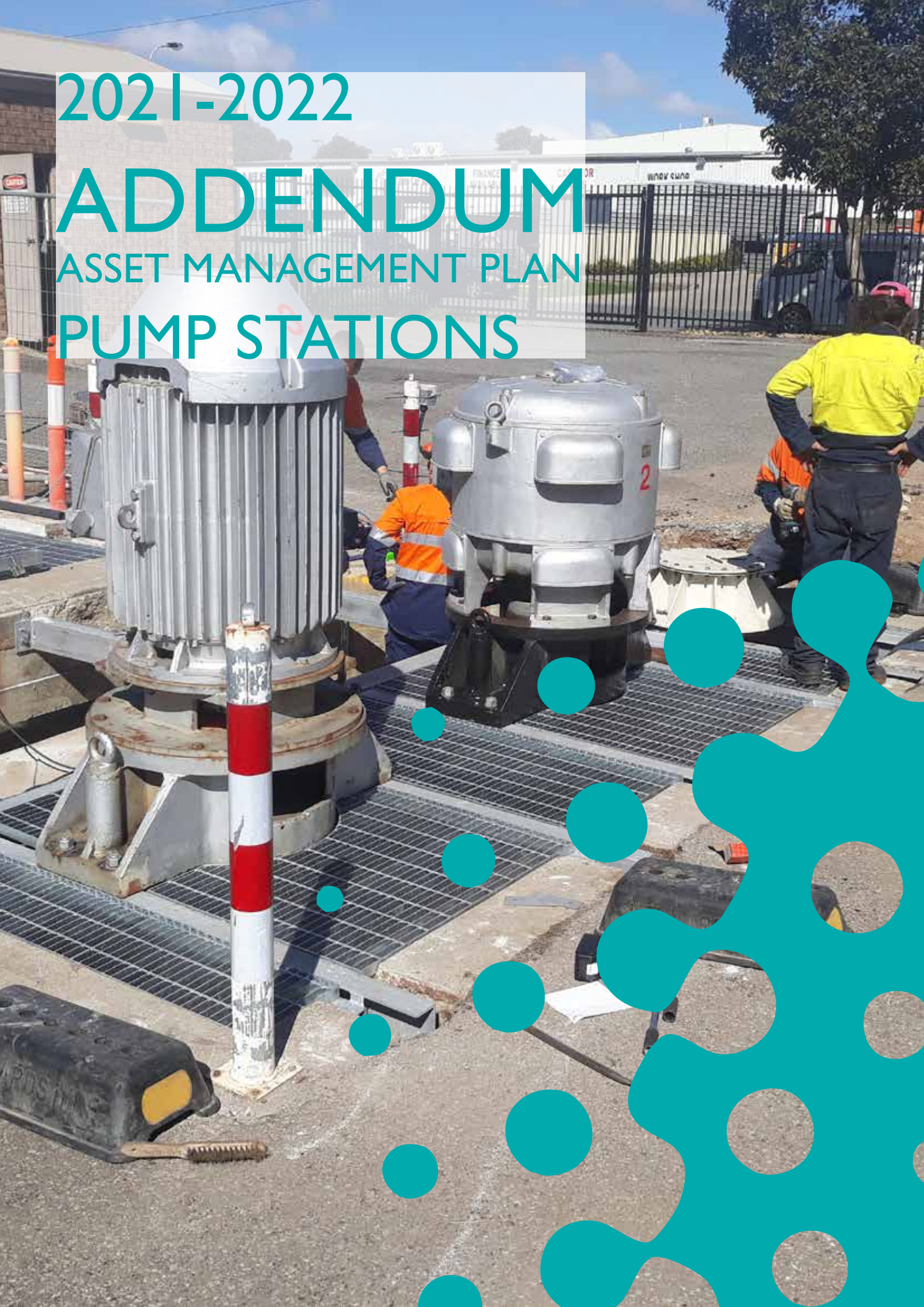


2021-2022

ADDENDUM

ASSET MANAGEMENT PLAN

PUMP STATIONS



Ten Year Program

	Year 1 2021/22	Year 2 2022/23	Year 3 2023/24	Year 4 2024/25	Year 5 2025/26	Year 6 2026/27	Year 7 2027/28	Year 8 2028/29	Year 9 2029/30	Year 10 2030/31
Stormwater AMP	Upgrade/New	\$10,550,000	\$7,300,000	\$6,200,000	\$5,470,000	\$7,120,000	\$7,125,000	\$8,605,000	\$8,805,000	
	Replacement	\$980,000	\$2,150,000	\$2,950,000	\$3,550,000	\$2,495,000	\$1,990,000	\$550,000	\$730,000	
	Total	\$11,530,000	\$9,450,000	\$9,150,000	\$9,020,000	\$9,995,000	\$9,615,000	\$9,115,000	\$9,155,000	\$9,535,000
Pump Station AMP	Upgrade/New									
	Replacement	\$290,000	\$230,000	\$155,000	\$170,000	\$500,000	\$155,000	\$160,000	\$82,000	
	Total	\$290,000	\$230,000	\$155,000	\$170,000	\$500,000	\$155,000	\$160,000	\$82,000	
Total Combined AMP	Upgrade/New	\$10,550,000	\$7,300,000	\$6,200,000	\$5,470,000	\$7,120,000	\$7,125,000	\$8,605,000	\$8,805,000	
	Replacement	\$1,270,000	\$2,380,000	\$3,105,000	\$3,720,000	\$2,995,000	\$2,145,000	\$710,000	\$812,000	
	Total	\$11,820,000	\$9,680,000	\$9,305,000	\$9,190,000	\$10,115,000	\$9,270,000	\$9,315,000	\$9,617,000	
Revised Budget										
Stormwater	Upgrade/New	\$12,480,000	\$6,000,000	\$6,210,000	\$5,770,000	\$7,120,000	\$7,125,000	\$8,605,000	\$8,805,000	\$9,000,000
	Replacement	\$3,091,800	\$3,550,000	\$4,200,000	\$3,550,000	\$2,495,000	\$1,990,000	\$550,000	\$730,000	
	Total	\$15,571,800	\$9,550,000	\$10,410,000	\$9,320,000	\$9,995,000	\$9,615,000	\$9,115,000	\$9,155,000	\$9,535,000
Pump Stations	Upgrade/New	\$1,500,000			\$7,117,000	\$7,115,000			\$5,460,000	
	Replacement	\$710,000	\$240,000	\$155,000	\$275,000	\$179,000	\$200,000	\$200,000	\$200,000	\$200,000
	Total	\$2,210,000	\$240,000	\$155,000	\$7,392,000	\$7,330,000	\$179,000	\$200,000	\$5,660,000	\$200,000
Revised Budget	Upgrade/New	\$13,980,000	\$6,000,000	\$6,210,000	\$12,887,000	\$13,260,000	\$7,120,000	\$14,065,000	\$14,265,000	\$9,000,000
	Replacement	\$3,801,800	\$3,790,000	\$4,355,000	\$3,825,000	\$4,065,000	\$2,674,000	\$750,000	\$930,000	\$200,000
	Total	\$17,781,800	\$9,790,000	\$10,565,000	\$16,712,000	\$17,325,000	\$9,794,000	\$9,315,000	\$14,815,000	\$15,195,000
Variation										
	\$5,961,800	\$110,000	\$1,260,000	\$7,522,000	\$7,155,000	-\$321,000	\$45,000	\$5,500,000	\$5,578,000	\$9,200,000
	50%	1%	14%	82%	70%	-3%	0%	59%	58%	

	Year 1 2021/22	Year 2 2022/23	Year 3 2023/24	Year 4 2024/25	Year 5 2025/26	Year 6 2026/27	Year 7 2027/28	Year 8 2028/29	Year 9 2029/30	Year 10 2030/31
Revised Budget with CPI adjustment										
Stormwater	Upgrade/New	\$12,480,000	\$6,090,000	\$6,413,688	\$6,063,116	\$7,745,848	\$7,623,750	\$9,691,812	\$10,091,411	\$10,494,900
	Replacement	\$3,091,800	\$3,603,250	\$4,337,760	\$4,116,420	\$2,714,311	\$2,129,300	\$619,465	\$836,653	\$0
	Total	\$15,571,800	\$9,693,250	\$10,751,448	\$9,793,456	\$10,686,654	\$10,460,159	\$9,753,050	\$10,311,277	\$10,928,064
Pump Stations	Upgrade/New	\$1,500,000	\$0	\$0	\$7,478,544	\$7,607,358	\$0	\$6,149,598	\$6,257,706	\$0
	Replacement	\$710,000	\$243,600	\$160,084	\$288,970	\$229,878	\$214,000	\$225,260	\$229,220	\$233,220
	Total	\$2,210,000	\$243,600	\$160,084	\$7,767,514	\$7,837,236	\$194,734	\$214,000	\$6,374,858	\$6,486,926
Revised Budget	Upgrade/New	\$13,980,000	\$6,090,000	\$6,413,688	\$13,541,660	\$14,177,592	\$7,745,848	\$15,841,410	\$16,349,117	\$10,494,900
	Replacement	\$3,801,800	\$3,846,850	\$4,497,844	\$4,019,310	\$4,346,298	\$2,343,300	\$844,725	\$1,065,873	\$233,220
	Total	\$17,781,800	\$9,936,850	\$10,911,532	\$17,560,970	\$18,523,890	\$10,654,893	\$9,967,050	\$16,686,135	\$17,414,990

CPI Index %		1.50%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%
CPI Index factor		1.015	1.0328	1.0508	1.0692	1.0879	1.07	1.1263	1.1461	1.1661

2021/2022	NEW	REPLACED	TOTAL
Various Pump Station Inspect Rising Mains		\$30,000	\$30,000
PRE Wellington St Pump Station - Refurbish Pump 3		\$55,000	\$55,000
Lefevre Hart St Pump Station - Upgrade		\$600,000	\$600,000
Lefevre Carlisle and Mersey Pump Station - Conductivity and Level Sensors		\$15,000	\$15,000
Lefevre Carlisle Pump Station - Replace Submersible Pump		\$10,000	\$10,000
Lefevre Midlunga Pump Station and Rising Main Construction	\$1,500,000		\$1,500,000
Sub Total Cost of Proposed Construction	\$1,500,000	\$710,000	\$2,210,000

2022/2023	NEW	REPLACED	TOTAL
Hargrave St - Pump station alterations		\$10,000	\$10,000
Hart St - Reliability Upgrade		\$25,000	\$25,000
Hart St - Programming Upgrades		\$20,000	\$20,000
Mersey Rd - Replace Pumps & Valves #4 & #5		\$155,000	\$155,000
Various - Rising main inspections		\$30,000	\$30,000
Sub Total Cost of Proposed Construction	\$0	\$240,000	\$240,000

2023/2024	NEW	REPLACED	TOTAL
Lulu St - Replace pump and valves #2 & #6		155,000	155,000
Sub Total Cost of Proposed Construction	0	155,000	155,000

2024/2025	NEW	REPLACED	TOTAL
Lefevre - Lulu/Jetty Rd pump station	\$7,117,000		\$7,117,000
Overhaul 2 Pumps		\$40,000	\$40,000
PRE - Wellington – Paving renewal		\$80,000	\$80,000
PRE - Wellington Lighting		\$20,000	\$20,000
Lefevre - Carlisle Replace Generator		\$135,000	\$135,000
TOTAL	\$7,117,000	\$275,000	\$7,392,000

2025/2026	NEW	REPLACED	TOTAL
Lulu/Jetty Rd pump station	\$7,115,000		\$7,115,000
Overhaul 2 Pumps		\$40,000	\$40,000
Newhaven WWPS Pits polyuria coating		\$50,000	\$50,000
Replace Switchboard Carlisle Pump Station		\$100,000	\$100,000
Replace Level sensors & Flammable Gas detection units Hargrave		\$15,000	\$15,000
Replace level sensors Hart		\$10,000	\$10,000
Total	\$7,115,000	\$215,000	\$7,330,000

2026/2027	NEW	REPLACED	TOTAL
Overhaul 2 Pumps		\$40,000	\$40,000
Replace trash screens Carlisle		\$10,000	\$10,000
Replace crane Pendant Lulu, Hack Wellington		\$25,000	\$25,000
Replace switchboard Wellington Pump Station		\$100,000	\$100,000
Replace pumps Newhaven WWPS*		\$4,000	\$4,000
Total	\$0	\$179,000	\$179,000

2027/2028	NEW	REPLACED	TOTAL
Various Pump Station upgrades		\$200,000	\$200,000
Total	\$0	\$200,000	\$200,000

2028/2029	NEW	REPLACED	TOTAL
Various Pump Station upgrades		\$200,000	\$200,000
Wellington St Pump Station Upgrade	\$5,460,000		\$5,460,000
Total	\$5,460,000	\$200,000	\$5,660,000

2029/2030	NEW	REPLACED	TOTAL
Various Pump Station upgrades		\$200,000	\$200,000
Wellington St Pump Station Upgrade	\$5,460,000		\$5,460,000
Total	\$5,460,000	\$200,000	\$5,660,000

2030/2031	NEW	REPLACED	TOTAL
Pump Station Major Replacements		\$200,000	\$200,000
Total	\$0	\$200,000	\$200,000