

Upper Deua Landcare. Araluen Creek Restoration Project









Cost Estimates and Priorities





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Soil Conservation Service



Site	Works	Photos	Priority	Cost (ex-GST)
<p>1. Lamont. Headcutting on side creek at dredge hole.</p>	<ul style="list-style-type: none"> • Install rock ramp in upper headcut to control drop and prevent upstream migration. • Install rock ramp in lower headcut to control drop and prevent damage to dredge pool. 		<p>Med</p>	<p>\$10,370</p>
<p>2. Lamont. Bank erosion in main creek at side creek confluence and outside bend</p>	<ul style="list-style-type: none"> • Install rootballs at confluence point to reduce swirling and erosion. • Modify shape of inner sandbar on bend to reduce flood pressure on outside of bend. 		<p>Low</p>	<p>\$2,780</p>
<p>3. Mundy. Minor erosion in floodrunner sediments</p>	<ul style="list-style-type: none"> • Install rootballs in floodrunner to reduce bed erosion. 		<p>Low</p>	<p>\$2,850</p>
<p>4. Lamont. Headcutting in paddock threatening access and creek stability</p>	<ul style="list-style-type: none"> • Install rock ramp to control water and prevent erosion, and stop upstream migration. 		<p>Med</p>	<p>\$4,960</p>

<p>5. Mundy. Big tree choke diverting flows into banks and bed</p>	<ul style="list-style-type: none"> • Realign fallen trees to prevent floodwater causing erosion to bed and banks, and possible causing creek to permanently realign around choke. 			<p>High</p>	<p>\$5,695</p>
<p>6. Mundy. Erosion at former sand sausage site</p>	<ul style="list-style-type: none"> • Install rootballs at base of erosion to slow floodwater and trap sediment, reducing erosion of the outer bank. • Possible relocation of sediment on inside of bend, subject to negotiation with landholders (Laurie). 	 		<p>High</p>	<p>\$16,270</p>
<p>7. Collet. Flood diversion leading to severe bank erosion, and other problems</p>	<ul style="list-style-type: none"> • Install rootballs along eroding alignment and open up channel to prevent further erosion. • Remove large choke in floodrunner. • Excavate entrance to floodrunner allowing flood capacity. • Other small scale bank works by realignment and rootball / fallen tree installation where necessary. 	 		<p>High</p>	<p>\$21,150</p>

<p>8. Laurie. Fallen trees and bed erosion</p>	<ul style="list-style-type: none"> • Realign fallen trees to prevent bank scour. • Install log sill below site to prevent bed erosion migrating upstream. 		<p>Med</p>	<p>\$10,065</p>
<p>9. Laurie. Severe erosion of outside bend</p>	<ul style="list-style-type: none"> • Install rootballs in bank toe to prevent erosion. • Realignment of channel closer to middle of creek. 		<p>High</p>	<p>\$15,475</p>
<p>10. Michael. Severe bed erosion above main road crossing, Dirty Butter Creek</p>	<ul style="list-style-type: none"> • Install log weir and rock drop structure to prevent erosion migrating upstream. 		<p>High</p>	<p>\$12,525</p>
<p>11. Ken Harrison. Washed out crossing and bed erosion</p>	<ul style="list-style-type: none"> • Install log sill below crossing site and reinstate crossing with cobble material. • Place rootballs on eroding bank above crossing site to prevent outflanking. 	<p>[No photos]</p>	<p>Med</p>	<p>\$7,240</p>
<p>12. Ken Harrison. Bed erosion downstream of concrete crossing</p>	<ul style="list-style-type: none"> • Install two log weirs with rock drop protection to prevent bed erosion worsening. 		<p>High</p>	<p>\$13,730</p>
<p>13. Cath and Tony. Bank erosion and possible floodrunner bed erosion</p>	<ul style="list-style-type: none"> • Install two layers of rootballs to prevent bank erosion and prevent floodrunner bed erosion. 	<p>[No photos]</p>	<p>High</p>	<p>\$6,100</p>
<p>Rootball transport</p>	<ul style="list-style-type: none"> • 4 days excavator and truck hire to deliver rootballs to project sites from Sawyers Ridge Road. 	<p>(Can be reduced if some sites are removed from the final list)</p>		<p>\$17,925</p>

Rock transport	<ul style="list-style-type: none"> • 4 days excavator and truck hire to deliver rootballs to project sites from Jerrabatgulla Creek property Araluen Road). 	(Can be reduced if some sites are removed from the final list)		\$17,925
Project management	<ul style="list-style-type: none"> • Admin and project management associated with these works. 			\$9,510
TOTAL COST OF ALL WORKS				\$174,565