

Crossing ID	Location Description	Easting	Northing	Culvert Type	Culvert Dimensions (m)			Channel Dimensions			Water Depth (m)	Catchment Area (km <sup>2</sup> )	Existing Culvert Capacity (m <sup>3</sup> /s)	100 Year Flow (m <sup>3</sup> /s)	Hydraulic Status of Existing Crossing	Minimum Pipe Culvert Diameter Required (mm)
					Diameter	Width	Height	Bottom Width	Top Width	Depth						
EC1	Road between T15 and T17	208169	387078	Pipe	600	-	-	0.7	1	1.5	0.2	0.083	0.54	0.171	Adequate	-
EC2	Road between T15 and T17	208130	387062	Pipe	400	-	-	1.5	2	1.5	0.15	0.083	0.165	0.171	Upgrade Required	900
EC3	Road between T15 and T17	208038	387003	Pipe	600	-	-	2	3	2	0.2	0.083	0.54	0.171	Adequate	-
EC4	Southwest of Borrow Pit 1	207640	386362	Pipe	600	-	-	1.5	1.5	0.7	0.3	0.448	0.54	0.767	Upgrade Required	900
EC5	Southwest of proposed met mast	205684	385277	Box	-	2.5	1.5	2.5	2.5	1.2	0.2	2.58	26.005	3.644	Adequate	-
EC6	Southwest of proposed met mast	205791	385190	Pipe	900	-	-	1	1	1.3	0.1	0.9	1.66	1.427	Adequate	-
EC7	Southeast of T10	207012	385739	Pipe	500	-	-	0.5	1	1.5	0.2	0.16	0.32	0.307	Adequate	-
EC8	South of T10	206862	385608	Pipe	400	-	-	0.5	1.5	1	0.15	0.15	0.165	0.290	Upgrade Required	900
EC9	Southwest of T12	207461	385985	Pipe	900	-	-	0.5	1	1	0.2	0.2	1.66	0.374	Adequate	-
EC10	Southeast of T12	207708	385973	Pipe	900	-	-	1.5	1.5	1	0.1	0.189	1.66	0.356	Adequate	-
EC11	East of T8	207843	385627	Pipe	600	-	-	0.5	0.5	1	0.25	0.136	0.54	0.266	Adequate	-
EC12	Northwest of T14	206593	386681	Pipe	600	-	-	0.5	1.5	1	0.15	0.192	0.54	0.361	Adequate	-
EC13	South of substation	205692	385486	Pipe	600	-	-	1.5	2	2.5	0.1	0.1	0.54	0.202	Adequate	-
EC14	Just north of proposed substation	205314	386479	Pipe	750	-	-	1.5	1.5	1	0.2	0.3	1	0.537	Adequate	-
EC15	Southwest of Borrow Pit 1	207480	386240	n/a	-	-	-	1	1.2	0.7	0.25	0.24	-	0.440	Not determined	900
EC16	Furthest west along the site entrance road	205060	387030	-	-	-	-	-	-	-	-	-	-	-	Not determined	-
EC17	South of T10	206862	385608	Pipe	400	-	-	0.5	1.5	1	0.15	0.15	9.2	0.000	Upgrade Required	900
EC18	West of T10	206135	386006	Pipe	300	-	-	1	1.5	1	0.1	0.164	0.066	0.314	Upgrade Required	900
EC19	North of T14	206804	386851	Pipe	900	-	-	1.5	2	1.5	0.2	0.57	1.66	0.951	Adequate	-