

Technical Appendix 13.4- Water Receptors Potentially Affected

Table 13-a Surface Water Receptors Potentially Affected by Construction of Drainage Attenuation Ponds

Feature	Chainage (m)	Blue Route	Chainage (m)	Orange Route
		Affected Surface Water Receptor Catchment		Affected Surface Water Receptor Catchment
Drainage Attenuation Ponds (Construction)	500 600	WR1	500/600	WR1
	1550	WR5	1100	WR4
	1950	WR7	1600	WR5
	2700	WR8	2150	WR6
	3200	WR10	3000	WR8
	4400	WR13	3600	WR10
	6400	WR20	4750	WR13
	7400	WR24	6100	WR20
	-	-	7700	WR22, WR23 & WR24

Table 13-b Surface Water Receptors Potentially Affected by Watercourse Crossings and Culvert Upsizing

Feature	Chainage (m)	Blue Route	Chainage (m)	Orange Route
		Affected Surface Water Receptors (<50m from feature)		Affected Surface Water Receptors (<50m from feature)
Watercourse Crossing/Upsizing of Culvert	600	WR1	550	WR1
	900	WR2	1050	WR4
	1150	WR4	1350	WR3
	1200	WR3	-	-
	1550	WR5	-	-
	1720	WR6	-	-
	1950	WR7	-	-
	2700	WR8	-	-
	2800	WR9	-	-
	3300	WR10	-	-
	3600	WR16	-	-
	3850	WR11	-	-

Table 13-c Summary of Water Receptors Undergoing Culvert Upsizing or New Culvert Construction

Blue Route		
Water Receptor (WR)	Upsizing (On-line)	New Culvert (Offline)
1, 2, 3, 4	✓	
5		✓
6	✓	
7, 8, 9, 10, 11, 12		✓
Orange Route		
Water Receptor (WR)	Upsizing (On-line)	New Culvert (Offline)
1	✓	
3, 4		✓