

Project: Site address:		AS1547:2012 Table R1 and R2 Buffer Distance Justification									
Site Feature	Site Constraint Items of Concern	Constraint Scale				Risk Assessment			Risk Rating		
		Low Constraint	High Constraint	Applicable Constraint	Risk Assessment	Low (1)	Moderate (2)	High (3)			
Surface Water 15m (low) - 100m (high)	Microbial Quality of Effluent	Secondary treated effluent (with disinfection) and Contractual Service Agreement	Primary treated effluent (no disinfection)								
	Surface Water	Category 1 to 3 soils no surface water down gradient within 100m; low rainfall area	Category 4 to 6 soils permanent surface water <50m down gradient; high rainfall; high resource / environmental value								
	Slope	0-6% (surface effluent application), 0 -10% (subsurface effluent application)	>10% (surface effluent application), >30% subsurface effluent application								
	Position of Land Application Area in Landscape	Downgradient of surface water, property boundary, recreational area	Upgradient of surface water, property boundary, recreational area								
	Drainage	Category 1 to 2 soils; gently sloping area	Category 6 soils; sites with visible seepage; moisture tolerant vegetation; low lying area								
	Flood Potential	Above 1 in 20 year flood contour	Below 1 in 20 year flood contour								
	Application Method	Drip irrigation or subsurface application of effluent	Surface / above ground application of effluent								