

SEGMENTAL RETAINING WALLS

ENVIRONMENTAL PROFILE



PRODUCT SPECIALIST

Jeff Cooper

702-633-5787

Jeff.Cooper@oldcastleapg.com



RECYCLED CONTENT



Mix Design	Pre-Consumer	Post-Consumer
Medium Weight	0%	0%

SITE MANAGEMENT

SRWs can prevent erosion of sloped areas that may otherwise result in water contamination & clogging of stormwater systems. In addition, SRWs can assist in developing retaining areas used to capture and naturally infiltrate stormwater, therefore recharging groundwater. Finally project teams can reduce building footprint by maximizing plantable and buildable areas of sloped building sites.

CEMENT REPLACEMENT

As part of an ongoing effort to reduce the embodied energy of our masonry products a natural pozzolan is used to replace a minimum of 20% of Portland cement. A case study performed in 2009 resulted in an overall CO² reduction of 380 tons annually.

POLLUTION MITIGATION

Unlike cantilevered retaining walls that require chemicals that can leach into groundwater. Segmental Retaining Walls are completely inert and have no petroleum based products.

WASTE MANAGEMENT

In today's building climate, masonry products typically will not end up in a landfill. Remaining SRWs can be saved for maintenance purposes or donated, while scrap pieces are commonly recycled into base course aggregate. Most construction haulers today divert concrete products from landfills.

REGIONAL MATERIALS



Manufacturing	100% Regional to Las Vegas Area
Las Vegas, NV 89030	Cement
	Victorville, CA 92392
	Natural Pozzolan
	Jean, NV 89019
	Aggregate
	Las Vegas, NV 89124

