

**PROJECT PROFILE: Todhills Waste Treatment Slab**



<b>Location</b>	Todhills, Edinburgh.
<b>Client</b>	Forth Resource Management
<b>Value</b>	£70K Re measurable Contract
<b>Duration</b>	2 Weeks
<b>Quantities</b>	5000m2 of cement stabilised concrete slab and 1000m2 of new concrete access road.
<b>Description</b>	<p>This 300mm thick concrete slab was produced by utilising an imported crushed demolition material supplied by the client. This was further processed prior to adding OPC to produce a lean mix concrete. Sufficient cement is added to produce a durable material yet does not require the inclusion of joints to prevent cracking The sealed surface was achieved by crushing insitu the top 75mm layer prior to adding more water and then power floating.</p>
<b>Key Issues</b>	<p>The client wanted to obtain a maintenance free surface as the area was to be continually trafficked with a loading shovel.</p> <p>Imported demolition materials where processed through a jaw crusher in order to remove steel reinforcement. Further material processing was undertaken with a tractor drawn Kirby crusher whilst cement addition was carried out using a Stehr tractor mounted rotary mixer.</p>
<b>Technical Referee</b>	<p><i>Tom Dale</i> <i>Forth Resource Management.</i> <i>Seacliffe Park</i> <i>East Lothian</i> <i>EH39 5PP</i> <i>0131 339 5554</i></p>