

Project Name	Putney	
Project Scope	Demolition & reclamation of two large Victorian houses	
Client	Andrew Marston	
Date	2004	

Project Description:

Buildings of this period have a particularly high reclamation value. A motivated client and the early involvement of BioRegional enabled significant rates of reclamation. Materials were often redistributed to the clients other construction projects. For example, Falmouth's Jubilee Wharf is an innovative, mixed-use development designed to use zero fossil energy for which BioRegional Reclaimed sourced and supplied the reclaimed building materials.

Materials Reclaimed:

BioRegional Reclaimed were contacted early in the demolition process to identify materials with reclamation potential and advise on their successful extraction. For example, brickwork pre-dating 1940 are mainly constructed using lime mortar which allows for efficient cleaning and reuse. The demolition contractor extracted, processed and sold brickwork alongside the extraction of timber joists, floorboards and doors. BioRegional coordinated the haulage of this timber and the extraction and haulage of York stone paving, granite kerbs and bollards and terracotta copings.

Achievements:

BioRegional's involvement in this project resulted in significant quantities of various timber, brick and stonework being diverted from landfill for reuse. This reduced the financial cost to the contractor of landfill taxes (currently at £21/tonne), reduced costs through re-use of materials elsewhere and led to environmental benefits through savings on virgin materials and embodied CO₂ that goes into producing the materials.

Summary:

Materials Reclaimed	Estimated Quantity Reclaimed	Estimated Embodied CO₂ saving
Timber	7 tonnes	15 tonnes
Brick	230 tonnes	200 tonnes
Various stonework	5 tonnes	150 kg