

DUNOON GASWORKS	
<b>Description:</b>	Remediation of former gasworks site
<b>Form of Contract:</b>	ICE 7 <sup>th</sup> Edition
<b>Duration:</b>	18 weeks in two visits
<b>Contract Value:</b>	Confidential
<b>Client:</b>	National Grid Property Holdings
<b>Clients Representative:</b>	WSP Environmental

This scheme was carried out as part of our Term Contract with National Grid Property Holdings. The principal challenges lay in dealing with hydrocarbon contamination of weak soils up to 5 metres deep at a location with a high water table. The remediation was further complicated by the requirement to work beside a watercourse adjacent to the site.

After initial site clearance and the removal of a concrete slab, the existing burn was protected by a clay cut-off wall. Working at times within a steel sheet pile cofferdam, we next selectively excavated identified areas of contamination, then physically stabilised the arising material. This was initiated with sawdust then completed with lime in a covered area for weather protection. All of the material was classified as Hazardous and was taken to licensed landfill for disposal. The excavation was backfilled with imported material, supplemented by recycled material from the site.

We provided a treatment plant which enabled the large volumes of ground water to be discharged to sewer after passing through sand and carbon filters to achieve the criteria agreed with Scottish Water. Our environmental controls at this sensitive location included dust monitoring and odour control.

