

 <p>Paddington Water Consumption Rate vs Time of Day</p>		Water Foot-Printing (Smart Meter)
		1. Description and Overview
<p>During Diaphragm Walling activities, the c405 initiative was to install smart meters at the bentonite plant. This was to review water consumption for this activity as currently it is unknown.</p> <p>Water as a resource is becoming scarce as the population increases and global warming occurs.</p> <p>The project was and still is looking to reduce water consumption inline with the corporate targets and CRL aspirations.</p> <p>One of the major water consumption activities at C405 Paddington was the installation of 165 diaphragm wall panels which were on average of 3.35m in length by 1.2m wide by 40m depth.</p>		<p>2. Benefits to the customer/project</p> <ul style="list-style-type: none"> Understanding how much water is required per installed panel Highlights potential solutions for keeping water consumption low during specific activities Beneficial Information for Stakeholders and builds up the relationship due to informing them with specific details The water consumption that was recorded can be used as a benchmark for future works. This could help to drive down water consumption <ul style="list-style-type: none"> Reduce impacts on the environment Reduce costs
<p>Title: Environmental Manager CSJV</p> <p>CSJV Contact: Kenneth.hills@costain-skanska-jv.co.uk</p> <p>Customer: Crossrail</p> <p>Project: C405 – Paddington Station</p> <p>Supplier (if applicable): TBC</p>		<p>3. Recommendations for improvement</p> <ul style="list-style-type: none"> Provide access to the data whilst on site during the operation (mobile technology) Availability for more information on site specific ground conditions