

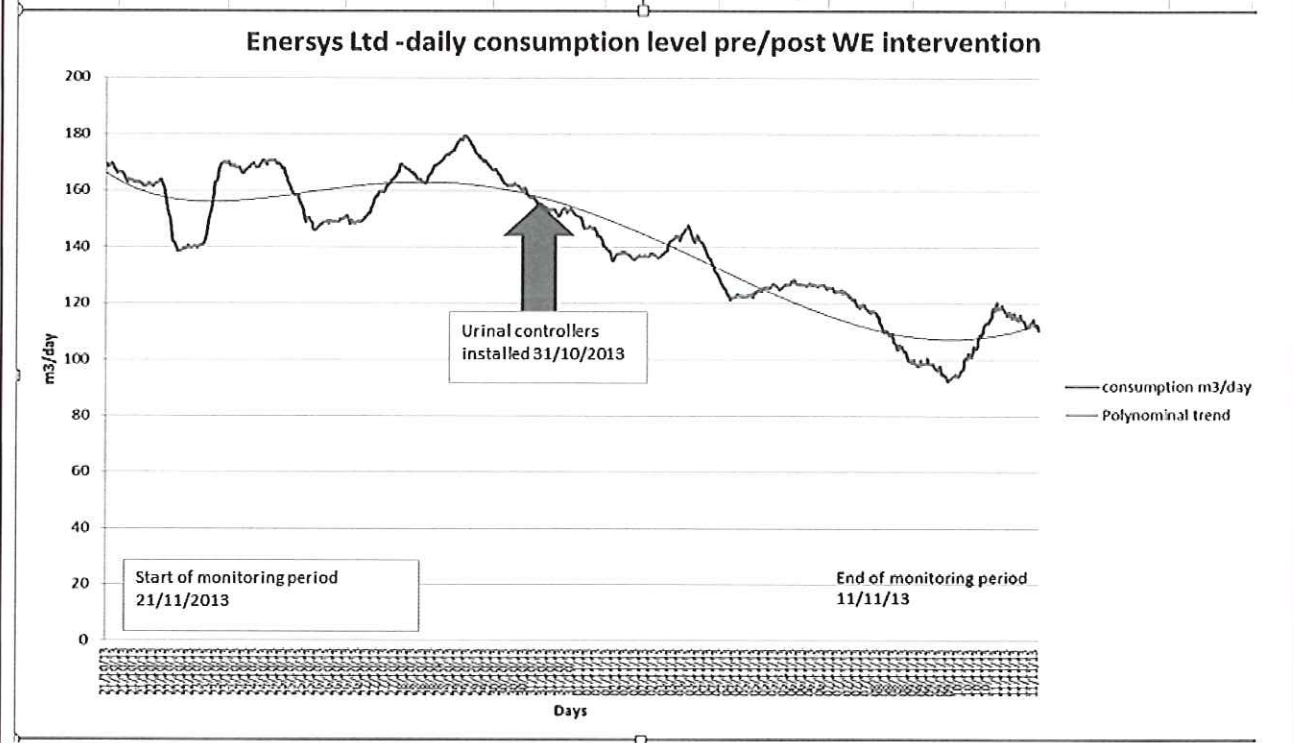
Title: Water Use Minimisation		Ref No.:156	
Location/Area: Across site ancillary water use		Project Leader and Dept: Paula Terrett	
Project Justification: Requirement of our environmental permit to undertake water use audits every 4 years.		Team Members: Andrew Bentley Paul Herbert	
Objective and Target: Reduce the volume of water used in non process areas across site. Also there are cost benefits. This work is being conducted with Welsh Water and their sub contractor Aqua logic (AL)		Project Start date: September 2013 Target completion date:	
Actions to meet objective and target:	Responsibility:	Action Dates:	Closed <input checked="" type="checkbox"/>
Aqua Logic to complete on site survey of water use in non process areas – shower blocks, toilets, sinks, urinals etc.	Paula Terrett with WW/AL	August 2013	<input checked="" type="checkbox"/>
Aqua logic to report findings of water survey via Welsh Water.	AL/WW	September 2013	<input checked="" type="checkbox"/>
EnerSys to evaluate the findings and to decide which to implement.	Paula Terrett/ Paul Herbert/ Andrew Bentley	September 2013	<input checked="" type="checkbox"/>
Implement the high priority items – fitting of 9 x urinal controllers which are to be fitted free of charge and are estimated to save the site £21,413 per annum.	Paula Terrett to co-ordinate with WW & Maintenance	October 2013	<input checked="" type="checkbox"/>
Water logger to be fitted by Aqua Logic	Paula Terrett to arrange with AL	October 2013	<input checked="" type="checkbox"/>
Decision to be made on implementation of other recommendations that involve EnerSys spend - £1926 on medium priority improvements – see attached sheet.	Paula Terrett/ Paul Herbert/ Andrew Bentley	November 2013	<input checked="" type="checkbox"/>
Raise PO for the work	Paula Terrett	November 2013	<input checked="" type="checkbox"/>
Arrange for medium priority work to be completed	Paula Terrett & Engineering Maintenance	November 2013	<input checked="" type="checkbox"/>
Estimated cost of project (£):		Estimated cost saving resulting from	

WRITTEN	Paula Terrett	APPR'VD	G. Thomas	REV & DATE	12/08/02	02	02/07/07	03	22/01/13	04	14/03/13	05
							OPS356 update	Update signature boxes		Include Occ H&S Projects		

<p>£702 Showers not modified – see box below.</p>	<p>implementation (£): 21k from installing urinal controllers. Payback from medium priority items not yet known.</p>
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<p>AR No. (If applicable): N/A</p>	<p>Pay-back period (months):24 months</p>
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Project Performance Indicators:
 Reduced water consumption following urinal controller installation. Log results below.
 Reduced water consumption following implementation of the medium priority items.
 All medium priority items completed apart from changeover in showerheads. This was left alone due to concerns over volume reduction and alterations in temperature.



Additional comments:
 Change from standard tariff to Industrial Tariff 1 will give us a 6k saving per annum based on water consumption of 65,793m3. Changeover in tariff completed October 2013. Included on CIPS tracker.
 Water consumption is routinely monitored as part of Environmental Report.

<p>Project Leader Signature:</p>	<p>Paula Terrett <i>Paula Terrett</i></p>	<p>Start Date: August 2013</p>
<p>Project Start EHS Manager Authorisation Signature:</p>	<p><i>GW</i></p>	<p>Start Date: August 2013</p>
<p>Project Leader Signature:</p>	<p>Paula Terrett <i>Paula Terrett</i></p>	<p>End Date: March 2014</p>
<p>Project Closed EHS Manager Authorisation Signature:</p>	<p><i>GW</i></p>	<p>End Date: March 2014</p>

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