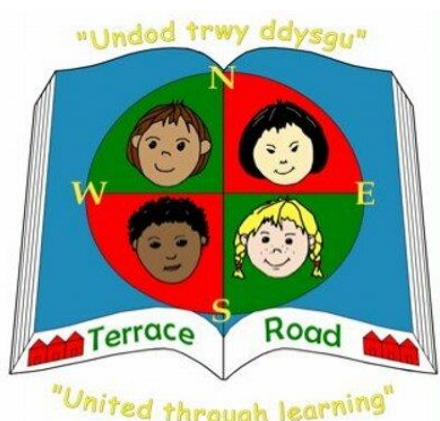




Water Management Audit Report



OUT571

Terrace Road Primary

Date of Audit: 31/01/2019
Surveyor Name: Ryan Thomas
Company: Aqualogic
Mobile: 07554 927748

Aqualogic (wc) Ltd working in partnership with Dwr Cymru Welsh Water



Water Management Audit Report



Introduction

This report has been prepared on behalf of **Dŵr Cymru Welsh Water (DCWW)**. The report details findings made during the recent **audit** that we undertook. During the visit we counted your washroom fittings and measured flow rates of taps, showers and uncontrolled waste. We also noted the type of toilet and its tank size and checked the status of any urinal flush controllers.

At the same time the surveyor made **recommendations** to change or upgrade any fittings that would benefit from being more efficient. This recommendations report uses other collected information such as the number of people on site, to generate the potential savings report.

Dŵr Cymru Welsh Water have funded the water efficiency audit that was conducted on site and the production of this report. We hope that it illustrates how some small changes can help you save water and money with the installation of water efficiency products. We are now offering you the opportunity to receive the products outlined in this report, which will be funded by Welsh Water. Should you decide to implement all or part of the recommendations then please contact DCWW to discuss the next stage.

Site Information

Report Reference No: OUT571

Site Details

Site Name and Address:
Terrace Road Primary
Terrace Rd, Mount Pleasant, Swansea
SA1 6JD

Contact Details

Contact Name: L Horgan
Contact Number: 01792 654257
Contact Position: Eco Coordinator
Contact Email: whiter96@hwbcymru.net

Surveyor Details

Date of Audit: 31/01/2019
Surveyor Name: Ryan Thomas
Company: Aqualogic
Mobile: 07554 927748

Site Figures

Total No. of Staff: 45
Total No of Persons: 318
Days Open Yearly: 195
Hours Open Daily: 10

Current Asset Details

Toilets

Qty of Male toilets: 8
Avg size Male Cistern (litres): 6.0
Qty of Female/Mixed toilets: 18
Avg size Female Cistern (litres): 6.4

Taps

Qty of Hot taps: 25
Avg Hot flow rate (litres per min): 12.7
Qty of Cold taps: 3
Avg Cold flow rate (litres per min): 7.5

Urinals

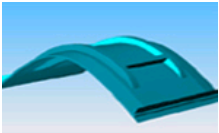
Qty Uncontrolled Cisterns: 0
Avg LPM (litres/min): 0.0
Qty Controlled Cisterns: 2
Avg FPH(flushes/hour): 2.0

Showers

Qty Of Wall Mounted: 0
Avg flow rate: 0.0
Qty Of Handheld: 0
Avg flow rate: 0.0

Water Management Audit Report

Recommended Water Saving Devices

Product	Quantity		
Ecobeta (dual flush siphon) Retrofit device that converts existing siphon to dual flush	0		
Cistern Dam Cistern displacement device that reduces flush volume by a required amount	0		
Save a Flush (1.0L) Cistern displacement device that reduces flush volume by up to 1.0 litres	0		
Push Taps - Retrofit Retrofit device that converts existing twist tap to push tap uses original base	0		
Push Taps - Complete Replaces existing tap with water efficient Push Tap	6		
Tap Aerators Fits in the end of certain taps to regulate and aerate flow	0		
Inline Flow Regulator Fits on the existing pipe work before taps or fitting to regulate flow	0		
Hydrocell 12 Ultra (Battery) Urinal flush controllers that uses movement detector to control flushing	0		
Hydromate (Mains) Urinal flush controllers that uses movement detector to control flushing	0		
Wall Mount Shower Retrofit regulated and aerated shower head for wall mounted applications	0		
Handheld Shower Retrofit regulated and aerated shower head for hand held applications	0		

Water Management Audit Report

Potential Savings Analysis

The following tables / graphs illustrate by product type what your existing consumption is and what your potential consumption could be if the recommendations are adopted.

Potential Savings Per Product Type

The amount (%age) each of the four categories of water devices contribute to the overall potential saving

Toilets Percentage Savings

0.0%

Taps Percentage Savings

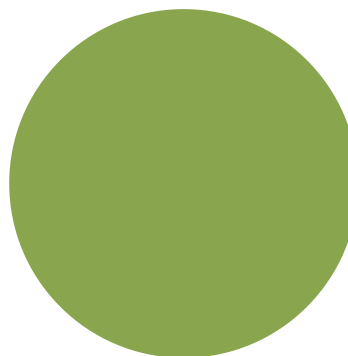
100.0%

Urinals Percentage Savings

0.0%

Showers Percentage Savings

0.0%



Potential Savings Summary

Potentially your site can achieve the savings below should the recommended upgrades be approved for installation. Potential savings are displayed in cubic metres per year overall as a percentage.

Your **potential** yearly saving percentage

1%

Your current annual consumption (audited fittings)

980

M3/Year

Potential annual consumption*

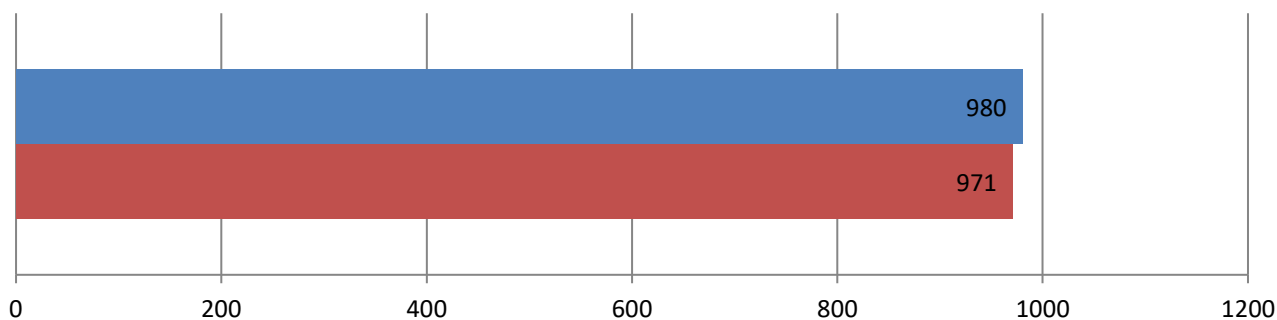
971

M3/Year

Potential saving

9

M3/Year



* dependent on installation of all products recommended and no change in use pattern

Water Management Audit Report



Additional Information

Additional Information or recommendations that are applicable to your premises based on the recent water efficiency audit.

Glossary of terms

AVG - average

Consumption - amount of water used by the premises

Cost of water - the annual cost of both drinking water and sewerage. This is customer specific, however an assumption of £2.95 is used as a default if actual figure unknown

M3 - 1000 litres

M3/year - 1000 litres per year

Min - Minute

Movement detector - infra red device that detects movement to allow control of flushes

QTY - Quantity

Regulated flow - the flow of water is controlled (regulated) to a certain flow rate

Siphon - Mechanism within the toilet cistern used to flush the toilet