



AQUATRINE

news

SPRING 2013

Aquatrine service providers achieve Gold again!

We are pleased to announce that **Severn Trent Costain and Kelda Water Services** have achieved another Gold at this year's RoSPA Awards, which is the fourth consecutive year that this prestigious award has been achieved.

Veolia Water Nevis achieved their second RoSPA Gold Award in September 2012 and will find out in September 2013 whether this has been achieved again.

The RoSPA Awards scheme recognises the Companies' commitment to accident and ill health prevention and continuous improvement in health and safety that the individual companies have made. The scheme not only looks at accident records, but the overarching health and safety management systems, including practices such as leadership and workforce involvement.

As well as the three Aquatrine Service



Partners achieving the above Awards individually, they are committed to sharing best practice in order to provide a good service to the customer.

New Technical Services Manager for Veolia Water Nevis

Malcolm Macfie joined Veolia Water Nevis in November 2012. Malcolm brings to the Nevis team over 25 years' experience working in the chemical industry and in consulting.



Malcolm Macfie joins Veolia Water Nevis as Technical Services Manager

On completing his studies for a PhD in Chemistry in 1986, Malcolm joined British Alcan as Laboratory Manager at their refinery in Scotland. Over the next 16 years, Malcolm carried out a number of roles, including working as a technical co-ordinator, managing the sites' Environmental Management System and successfully managing a project to develop and implement a Health and Safety Management system to OHSAS 18001.

In an eight year career in consultancy with Ewan Group and Mouchel, Malcolm managed teams delivering Environmental Impact Assessment, Flood Risk Assessment and Hydraulic modelling, Topographic Surveying and Hydrometric monitoring of river systems and boreholes.

Malcolm has taken up the role of Technical Services Manager, which encompasses Measurement Arrangements, Network Management and Compliance. When asked for his impressions of the business and of Aquatrine, Malcolm said:

"I have been hugely impressed by the professionalism and can do attitude demonstrated by my colleagues in Veolia Water Nevis. Key to delivering the contract is a good relationship with the client; both in terms of PMO and site contacts; and with our subcontractors. We work very hard to maintain these relationships. I have found the role challenging and hugely interesting, as no two sites are the same and every day is a learning experience!"

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Scotland sets the scene for Security Symposium

On 18 April, Veolia Water Nevis held their bi-annual Security and Health and Safety Symposium. All senior staff and gatekeepers from contracting companies working on behalf of Aquatrine were invited along to attend this day with other Veolia and Scottish Water Horizons staff.

This is a great way to keep educating and reiterating the importance of Security and Health and Safety when working on military sites.

Presenting at the symposium were DIO PSyA, RAF Police Squadron, RAF Lossiemouth and DIO Assurance, as well as Veolia Water and Scottish Water Safety Advisors.

Topics covered on the day were: Security Vetting, Countries where Special Security

Regulations Apply, Social Media and E-Espionage, Behavioural Safety and Near Miss Reporting.

Gordon Clark, General Manager Veolia Water Nevis stated: "The value of these symposia was reflected in the positive feedback from the attendees and confirms the continued commitment by Veolia and its supply chain to Security and Health and Safety in the Aquatrine contract."

Gavin Ryans – Scotland Regional Representative, DIO said: "An interesting day to say the least. Having been in a military environment for 25 years the morning session was very similar to the security briefings which we receive on an annual basis. The afternoon session really brought home that you cannot cut corners with Health and



Veolia Water Nevis' Rick Woodroffe addressing the Symposium

Safety and showed how important Risk and Method Statements are and how they should be completed promptly and correctly."

He went on to say: "I hope that the various contractors' reps that were present at the symposium go back and brief their workforce on what they have either learned or had re-enforced by the symposium. I'm sure if it is taken on board, it will only increase the efficiency of the Aquatrine Contract and raise the profile of the Aquatrine name for the good."

An Olympian saving

Severn Trent Costain has assisted MOD in saving the equivalent of 544 Olympic sized swimming pools of drinking water each year, through utilisation of Automated Meter Readers at Marne Barracks.

Marne Barracks recently received a new supply zone distributing potable water to a SLAM (Single Living Accommodation) development. Part of Severn Trent Costain's service to Aquatrine requires water flow data to be measured and monitored at MOD sites throughout Package C.

Severn Trent Costain identified excessive leakage at Marne Barracks. Through the use of Automated Meter Readers installed by Severn Trent Costain, the PMO Regional Rep and 5 Regt RA Safety Health Environment & Fire (SHEF) Warrant Officer working with Severn Trent Costain, were able to identify that the SLAM zone's water use had steadily increased over a period of time at both day and night intervals. Meters already installed in each building reported that 95% of the leakage was within these buildings.

The principle cause of the leakage was the specification of the WC's combined with the water hardness on site, scale built up within the syphon preventing it from closing.

Work began in early January 2013 and the impact was immediate. By 23 January 2013 leakage had reduced by 98%.

Chris Boulton, DIO Aquatrine Water Resources and Demand Manager welcomes this achievement and the efforts of all involved. "The significant level of water consumption, reduction and savings achieved by MOD at Marne Barracks illustrates the benefit of utilising metered data for monitoring site specific building water demand. MOD utilised the data derived from high specification, accurate meters, installed by Severn Trent Costain to measure Aquatrine consumption and identify leakage."



Spillages:

Chemical / Sewage / Fuel / Lubricating or hydraulic oil

The accidental or deliberate spillage of substances to a watercourse can have direct and significant impacts on plant and animal life. It is therefore critical that all spills, once detected, are reported to the helpline as soon as possible.

In most cases KWSD will send a technician to site to work with site personnel to assess the impact and to aid in preventing the spill, firstly from entering the surface water or foul networks, or if this has already happened, to stop the spill from progressing and entering the watercourse (surface water or groundwater).

Spills can be categorised into chemical spills, sewage spills, fuel spills or lubricating or hydraulic oil spills. The severity of the spill will depend on the amount of the substance discharged, the longevity of the event, the toxicity of the spilt substance and the sensitivity of the watercourse. JSP317 gives guidance on spill response dependent on the size and severity of the spill.

To note, spills can also cause issues many months/years down the line. For example oil spilt on the ground could migrate in the aquifer and contaminate potable drinking water abstractions.

All spills which enter a watercourse are reported to the Environment Agency. If the "spiller" is found not to have taken all practical and necessary steps to avoid environmental damage, the Environment Agency can escalate the issue which could ultimately lead to prosecution.



Collaborative working in action: *a personal view from DIO*

“ I joined the Aquatrine team as a Commercial Officer in September 2010. DIO (then Defence Estates) and the Commercial function were completely new to me and different to my previous HR background. Aquatrine is a 25-year programme to provide water, remove sewage and manage the MOD’s main water assets such as tanks, reservoirs and oil interceptors with associated maintenance services.

My team manages the contractor’s obligations and any new requests not covered by the contracts. These can range from arranging dispersal of fire fighting training foam to building 76,000-litre fuel containment facilities.

Gone were the days of HRMS data alterations and travel time updates: the new post was real and hands-on. Now, I was describing water service capability gaps, creating the ideal solution with the specialist contractor, risk-assessing this for adverse impacts, and making sure people stay engaged during delivery and are kept updated on any setbacks.

A typical project I commercially managed was the recent purchasing of a new fire-fighting water supply system in an Army site at Trenchard Lines, Wiltshire, in preparation for high-profile ISTAR aircraft arriving there. Following consultation with Defence Fire Service experts, and clearance of a separate task from our main contract, I engaged our Service Provider to deliver a solution.

Next, I arranged for the Site Estates Team Leader (SETL) meeting, working with our



Work in progress: the contractors lay the foundations at Trenchard Lines

chosen contractor who, in this case, was Kelda Water Services, one of our long-term partners in Aquatrine. This second meeting was central to solving local issues. We reviewed the impact of closing the soldiers’ marching pathway to enable a cordoned-off building site, and rearranging ceremonial parade rehearsal dates, thus upsetting the training timetable! Good news - the final proposal matched our requirement, but I needed to work on the budget. I started by



Daniel Mulrooney, Aquatrine PMO

planning in the SETL’s excellent suggestion that a planned electric cabling trench could be shared with the trench site for the new water-pipe, and I then arranged for a Quantity Surveyor (QS) to come on board to confirm the industry-specific construction cost. The QS performed her analysis prompting a review with our Service Provider and we came closer to our cost target.

Working together as a team and calling on the experience of our line management, we were able to generate enough extra savings to meet the budget, from adjusting the risk allocations and timetable and comparing the sub-contractors’ work with other projects. Finally, we negotiated our ideas with the Service Provider’s director and, after resolving some differences over daily cost rates, the Firm Price Lump Sum was agreed.

Four months on, the project is on-budget and finishing early, despite heavy snow towards the finish. The site now enjoys full protection of its prize assets in the event of fire.

This project reflects what I have found so far in DIO Commercial; the vital components to successful contract management and smooth project delivery are teamwork, co-operation, an appreciation of MOD’s Estate and the willingness to engage with the broad range of stakeholders within it.

Challenging and rewarding! ”



Mathew Smith

Meet Mathew – Shared Services Marketing Specialist

Mathew Smith joined Severn Trent Services as a Marketing Specialist in February 2013, part of his role includes being the Severn Trent Costain representative on the Aquatrine Supplier Association’s PR & Comms Committee.

Bringing over 10 years of marketing experience in various industries and achieving Post Graduate status with the Chartered Institute of Marketing, Mathew is looking forward to applying his skills to Project Aquatrine. “I’m relishing the

opportunity and challenge to work within the ASA PR & Comms Committee alongside Veolia Water Nevis and Kelda Water Services, enhancing Severn Trent Costain’s profile to benefit Project Aquatrine and the MOD.”