

Shere Swimming Pool Club Operations and Health & Safety Report for AGM – December 2024

New Pump

During the closed season it was confirmed that one of the two pumps had a leak, resulting in the Club requesting that Pool Plant Experts (PPE) supply and fit a new pump.

We have since taken the old pump apart and found that it can be repaired and hence now have a spare pump that could be used at some future date if needed.

Pool cover

The season did not get off to the best of starts due to the fact that the pool cover winding mechanism sheared off, which made it impossible to wind in the cover. This contributed to a delay to the planned pool opening date. Thanks must go to Andrew Odhams who welded the mechanism back together so that it could then be used.

A new pool cover was purchased to replace the old one which was beginning to fall apart. Thanks must go to Christian for his great efforts and perseverance in ordering this and in arranging its collection and fitting.

Management of the bore hole/ pump and electricity feeding pool

The pool is filled from water pumped to the pool from a borehole next to the Shere Surgery. After discussions with the surgery it was agreed that SSPC should pay for the electricity used for this progress now a separate meter has been set up at the surgery. The time of the pool top up was changed to 21.30 to avoid cool water filling the pool first thing in the morning

Gas Boiler

The gas boiler service carried out by Calypso at the beginning of the season showed that some of the related pipework had not been installed to the level that met current gas safety standards, and consequently a ban was placed on the boiler. This resulted in lower pool temperatures at the beginning of the season, for which we apologise. PPE carried out the remedial work and following the Calypso engineer visiting a second time to check on the work, he confirmed that all was OK and that the boiler was safe to use.

Disinfectant

Overall the new Seko dosing system has maintained the disinfectant (bromine) and pH levels within the desired parameters.

The UV system has been working well and has acted as a secondary source of disinfection.

Chemical deliveries

This year a local company - Pools by Design – offered to supply the pool chemicals at cost and deliver them to site. This has worked exceedingly well resulting in both a significant cost saving compared to previous years and a much more efficient system. We would like to thank Pools by Design for their support.

Daily testing

Two tests have been carried out each day by the plant room team (with only a few missed tests). Great thanks must go out to the whole team – which consists of 14 regulars and 5 reserves – and without which it would not have been possible to run the pool.

Additionally, the remote monitoring App on the Seko has proved to be a useful tool for enabling further checking.

PPE Servicing/Testing

This season, in addition to PPE carrying out a start of season service, we agreed for PPE to visit monthly and conduct testing and checking of the pool plant room apparatus. Whilst this was reassuring for the committee it did not feel essential at times as the Operational team were handling all of the day to day issues. At the time of writing the report no decision has been taken as to whether we will want to continue with this arrangement next season.

Monthly water testing

This season the monthly independent water tests have been carried out by PPE (as part of the monthly servicing arrangement) and sent on to an independent lab. With the exception of one month's test, all other month's showed the water to be of good quality. The one month where there was an issue was not of a serious nature and was quickly resolved by the pool being shocked. A follow up test showed everything to be OK.

Bromates

It had been discovered from various on-line reports that there could in theory be a health risk from the use of bromine as a disinfectant in pools, the reason being that the chemical reaction with UV light produces bromates which above certain levels can be carcinogenic. PWTAG were consulted on the matter and advice was given as to the recommended safe levels of bromates that should not be exceeded. On a precautionary basis, the trustees delayed the pool opening date until the first set of results were available. During the course of the season a number of tests were carried out and sent to an independent laboratory for testing and the good news has been that all the test results showed the bromate levels to be well within the levels considered safe. We plan to carry out further tests during the next season.

Heating system

During the season the heating has been carried out using a combination of the ASHP and boiler. Much refining has gone on throughout the season to get the balance of the usage of the two systems right and we must thank Roger for his perseverance in doing this. This all seems to have paid off in that throughout much of the season the pool has maintained a fairly constant temperature, aiming for around 26 degrees.

The ASHP is set to work when the air temperature is over 15°C. During July, August and half of September the ASHP was able to exclusively heat the pool, thus saving gas expenditure and being more environmentally friendly.

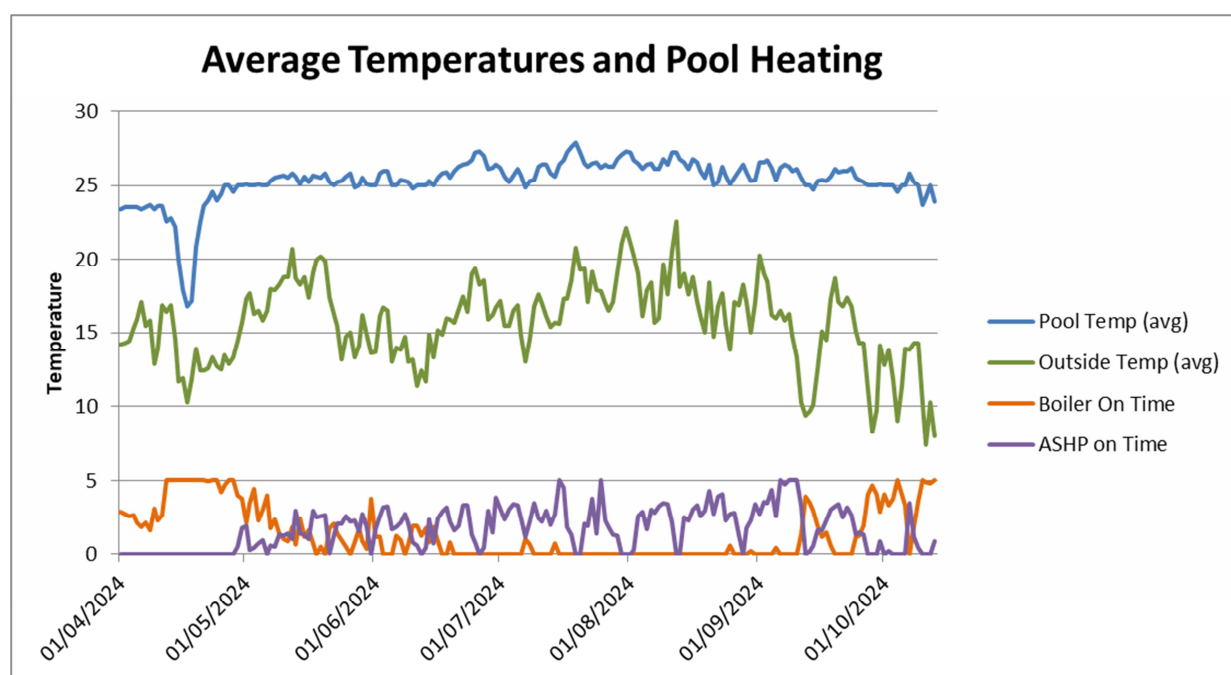
During the season a booster pump was fitted to improve the efficiency of flow to the ASHP. Additionally, the bottom wooden panels surrounding the ASHP have been

removed in an effort to allow better air movement to help improve the efficiency of the ASHP.

Monitoring

Over the winter period we started to introduce remote monitoring of the plant room and pool water temperatures to assist the team to know when the boiler and pump should be turned on to avoid any freezing.

This monitoring was extended to include the boiler operation, and subsequently the ASHP operation itself. This is all starting to help build a better picture of how our hybrid (boiler + ASHP) heating system is operating.



Pool Cleaning

New screw in plugs were purchased to block off five of the skimmer outlets to enable the pool vacuum to operate efficiently. Thanks must go to Will Esplen who has been vacuuming the pool on a regular basis which has been a great help in keeping the pool clean.

Accidents

Total – None reported

Child supervision

Pleasingly, there were very few reported incidents where the rules for child supervision as recommended by CIMPSA have not been adhered

Members behaviour

It is pleasing to report that in general the vast majority of the membership have abided with the H&S rules.

Steve Moggs on behalf of the Operations and Health & Safety Sub- Committee.