

Chalfont Business Park

In the heart of Buckinghamshire not far from the M40/M25 junction you'll find Chalfont Business Park which provides fully serviced office space to various businesses in serene landscaped surroundings. MSM Solutions, a long established Facilities Maintenance company who work in and around the London area, called us in to help them resolve a with a rather unique issue.

Problem

After being abandoned during COVID, our customer called us in to look at a large water feature (measuring 80m long, 2m wide and 400mm water depth) which, after such a long time had essentially turned into a pond.

Our customer asked if we could clean it up and return it to its previous state (i.e. pre-COVID) – that being an aesthetically pleasing water feature for people using the surrounding offices to enjoy during their breaks.

Solution

With the quantity and variety of debris/sludge built up in the last 18 months or so, this wasn't a straight forward job.

First the huge quantity of dirty water had to be drained using several sump pumps which would take several hours alone, leaving a base layer of water, leaves and debris and at the bottom.

The base layer of debris and leaves was then swept and removed using brooms, shovels and various other equipment and taken away in suitable bags.

A jet wash was then used to clean up anything remaining and any algae/sludge on the bottom or sides of the feature.

The feature was then refilled and bromine tablets added to the brominator so that bromine could circulate throughout the system.



Conclusion

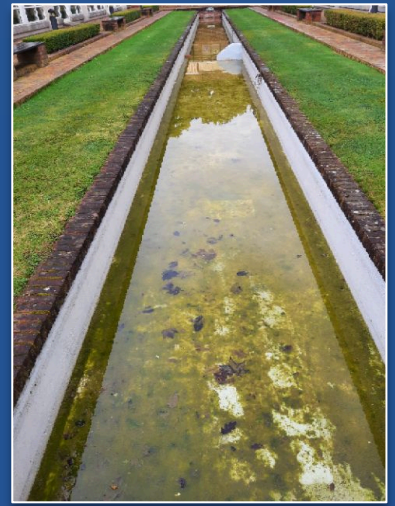
Goodwater have completed this work thoroughly and showed adaptability to a fairly unique job – the post-work photos speak for themselves .

The water feature looks in great condition again and the customer is very pleased with the result.

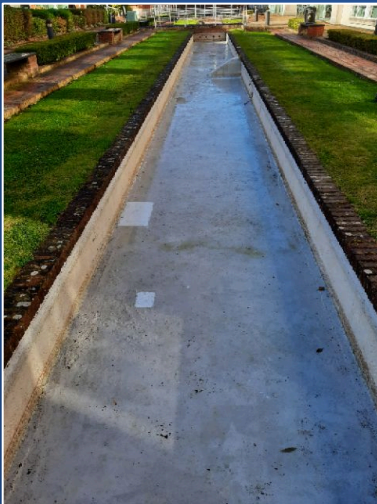
We will now monitor and manage the water quality and bromine levels within the water feature to ensure that the levels and quality are maintained avoiding any future similar situations via a contract order placed from the same customer.

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Before



After



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After [continued]



A few days after the water feature was drained, cleaned and refilled, we returned to site to take a sample for laboratory analysis. This was also after bromine [a disinfectant treatment usually used with cooling towers] had been introduced.

All of the results came back with a clean bill of health demonstrating the works undertaken and treatments used had been effective.

Results of sample tested at our accredited laboratory

Lab Sample Number	Sample Description	Sample Type	Sampled Time	Temp. (°C)	Method Units Analysis	MIC001 CFU/ml Total viable count @ 37°C/24hrs	MIC009 MPN/100ml Total Coliforms	MIC009 MPN/100ml Escherichia coli	MIC007 CFU/100ml Pseudomonas aeruginosa
3118695	Water Feature-Grd (ext) External water feature Water feature Water feature bottom section	Recreational Water	1413	-	N/A	0	0	0	0

Works undertaken for and on behalf of

