

Case Study



Garden Centre sewage treatment plant failure

At a Glance

CHALLENGES

- Sewage treatment plant failure and subsequent flooding
- Business operating as usual during works
- Maintaining the flow of supplier deliveries whilst excavating across the tarmac
- Working whilst surface continued to overflow around excavations
- Local authority approvals

BENEFITS

- ✓ Reduction in repair and tankering costs
- ✓ Discharging less effluent
- ✓ Allows for future expansion

Objectives

We provided support to a local Garden Centre after they reported the failure of their sewage treatment plant. After multiple visits to empty the system, we identified that the treatment plant was failing due to overcapacity following fast business growth and subsequent demand. This increase in flow caused flooding on site caused by the expansion of the business since it was installed.

The customer was paying substantial costs for multiple empties over a short period of time and knowing the business was going through a period of growth, realised the need for a system that could cope with the demand.

The site needed to continue to operate during business hours to avoid any losses and also take into consideration a future proof solution which met the needs of the necessary regulatory bodies.

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BINDER

Solutions

Our team responded quickly to the needs of the customer and put forward a proposal for a new sewage works. We also installed a forward feed Pump station to serve the customer toilets, as this was on an existing sewage treatment plant.

After considering the customers requirements the proposal process included a contract meeting and we took care of the necessary local authority approvals.

Once the timeline and budget were agreed and signed off by the customer, the team got to work on installing the new system including a redirection of the power supply to support the electrical system on the new works.

Amongst our challenges was to maintain the flow of supplier deliveries whilst excavating across the tarmac. One of our biggest challenges was to work whilst the surface continued to overflow from storage tanks through a perforated pipe around our excavations. In spite of all of this, the team managed to complete the project on time.

Benefits

- ✓ Ongoing costs for emptying the system so frequently were dramatically reduced
- ✓ The installation of a new system allowed for an expansion of the business including catering facilities
- ✓ The new sewage works alleviated the increase in demand from the business and thus no flooding occurred



We have used Binder for several years to both install and maintain treatment plants across the location. We spoke to several companies about the new plant needed in our garden centre in Peterborough, not only did Binder offer the most competitive quotation, but they also made sure that the consent to discharge was in place and correct for the system that we would require. The installation was hassle free and managed very well, the team completing the work on site were very professional as the garden centre was still open and trading.

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