

Tuesday 9th of March 2021

The Clerk, Winkleigh PC

REF: New Treatment Plant installation to serve, The Cemetery Bungalow, Winkleigh, EX19 8HZ

Dear Mrs Bickell

Following our communications regarding the drainage system at the property, we would recommend the installation of a new Klargester Bioficient 1 Sewage Treatment Plant, to replace the old septic tank located behind the outbuilding next to the watercourse, that is not conforming to the current discharge regulations required.

We would recommend installing new pipework from the chamber located next to the back door, to the new treatment plant location in the lawn area, preferably in front of the outbuilding, whilst maintaining the distance installation regulations from the watercourse and property.

The surface drainage will need to have a soakaway installed at the front of the property, as the current system is poor and causing surface water to pool next to the property, potentially causing structural damage over time.

Please note we have **NOT** quoted for the electrical works within our quotation, and also **NO** allowances for fees to the council for building regulation

Quotation for installation of the new treatment plant to serve a maximum of 6 persons located to the side of the property with a discharge to the watercourse, installation of a new soakaway located at the front of the property.

- Supply Klargester Bioficient 1 Sewage Treatment Plant with standard Invert of 500 mm
- Supply labour, equipment, and materials
- Supply Barriers and safety equipment around the working area.
- Supply locating equipment for locating for any underground services before excavating.
- Carefully remove grass and put it aside to reinstate.
- Excavate a pit within the gravel area to the required size and depth, to accommodate the new treatment plant, all excavation spoil to be removed from the site for disposal.
- Supply and installation of shoring and propping to the sides of excavation as required.
- Supply and installation of 200mm thick level concrete base ready to site the new treatment plant.
- Supply and installation of a new treatment plant anchored down to the concrete base and fill new treatment plant with water from the property supply and evenly pour concrete to surround the new treatment plant up to the inlet and outlet pipework of the new tank.

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- Excavate trench from the new treatment plant to the side of the property, install new 110mm diameter duct for the new electric cable, surround the new pipework in 10mm pipe bedding gravel.
- Electrical connection will be made to the existing electric supply by a Contractor, after existing electrics have been checked by Electrical Engineers, make a connection to the existing electric supply down to the new control unit (An electrical certificate will be issued on completion of the work)
- Excavate around the existing septic tank and decommission, the septic tank will need to have been emptied and cleaned before decommissioning, this cost is an extra.
- Excavate a trench from the outlet across to the edge of the watercourse and supply new plastic pipework from the existing outlet of the new treatment plant, allow to build a header wall on the bank and surround the new pipe work in 10mm pipe bedding gravel, supply type 1 subbase to back-fill the excavation and compact material over the trenches, around the new treatment plant, reinstate grass at the disturbed area.
- Once all the works to the treatment plant have been complete reinstate the section timber fence along the side of the property.
- Leave area clean and tidy upon completion.

Total cost £18,500 Inc Vat

We hope this meets with your approval. If we can be of further assistance, please do not hesitate to contact us.

Yours Faithfully

The Drain Doctor Team

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