



**COMPLETE
DRAIN CARE
AND REPAIR**
Plus so much more



SWD Ltd trading as S & D Services. Registration No 1686066. Unit 1, Westford, Chard Junction, Somerset. TA20 4QT
Tel 01460 221442 E-mail info@sanddservices.co.uk www.sanddservices.co.uk

ESTIMATE - QUOTE

Client:	Matt Sainsbury 07782 299132 djgingedisco@gmail.com		
Site:	Ilminster Cricket Club, The recreation Ground, The Mead, Ilminster, TA19 0EY		
Task:	Report following survey due to bad smells		
Ref:	SW- 6291	Date	14 November 2022

Do not use this report for design or costing purposes without confirming measurement on site. Any recommendations are our preferred method of renovation/repair designed to not only be cost effective, but to also, in our opinion, to cause the least disturbance and upheaval to both the property and the environment. Any prices given in this are subject to our normal terms and conditions.

We undertook a CCTV survey at the above address to investigate the likely causes of bad smells. Before we could start, we first had to clear a blockage upstream of F3 back towards the ground keeper's hut.

Both manholes F3 & F4 have been installed incorrectly. Toilet waste should always utilise the main channel in UPVC manholes to improve flows and help prevent blockages. As both of these are connected via laterals with no other live connections, there is no additional flows to help flush the waste through the system.

Report from recordings-

Sec 1- F4 U/S Lat 1 UPVC 0.58m Deep- The pipe is broken and has a hole in it at 2.09m at 7 o'clock. This is under the building.

This needs to be repaired with an isolated patch repair.

This pipe serves the groundkeepers toilets

Sec 2- F4 D/S Submain UPVC – There is a large sag holding approx. of 50% starting at 48m and running to F3 at 51.5m.

This section needs to be excavated and replaced, and the manhole repositioned to utilise the main line.

Sec 3- F3 D/S Submain. UPVC 0.56m Deep- At 3.9m there is a slight sag in the pipe that runs just beyond the junction at 4.6m at 3 o'clock. This junction was water tested and found to be serving a trapped rainwater downpipe.

This needs to be removed from the system as rainwater discharges should not run to a septic tank as they overload the systems in extreme weather conditions and may force solid foul waste to enter the drainfield downstream of the tank.

This junction is also running water constantly which shows that the rainwater pipe under the building is broken allowing possible ground water to enter the system. As there is no camera access into this line, we could not see the extent of the damage. This needs the external trap to be removed so that access can be made to survey this line. Further repairs will be required following this.

Sec 4- F2 U/S Lat 1 UPVC 0.875 Deep. This line serves the bar sink and the dishwasher.

Sec 5 – F2 U/S Lat 2- This line was again water tested and found to serve another trapped rainwater pipe that needs to be removed from the system.

Sec 6- F2 U/S Lat 3- There is an open joint at 4.17m, that has not been pushed home completely.

This line serves the kitchen sink.

Sec 7- F2 U/S Submain- This line terminates at a trapped gully at 7.4m. we were unable to locate this so could not water test this.

F2 also has a cover that is not suitable for internal drainage as it is not completely sealed which may contribute to the bad smells if the system is blocked.

Sec 8- F2 D/S Submain – Just out of the manhole the pipe changes from UPVC to Clay. There are medium displaced throughout the length that may cause blockages. At 5.5m there appears to be a small hole in the pipe at 12 o'clock and at 8.4m there is an unknown junction at 9 o'clock. We could not find anything to be served by this junction. This line finishes at F1.

Sec 9- F1 U/S Lat 1 1.02m Deep. Clay- The 90 degree bend at 2.1m is displaced medium causing a step up in the flow and a possible cause of blockages. The drop shaft above the 90 degree bend is fractured, and should be repaired possibly with a short liner but will require further investigations behind the boxing etc to establish access for equipment. This line serves the ladies toilets and sink.

Sec 10- F1 U/S Lat 2 Clay- This pipe is full of silt and debris and disused.

Sec 11- F1 U/S Lat 3 Clay- At the 90 degree bend at 3.5m there is a large displaced joint with a large step up in the flow line. This will cause blockages and should be excavated and realigned. This line serves all items in the disabled and gents toilets.

Not recorded, F1 Lat 4 is completely full of mud and silt and is redundant.

Sec 12- F1 D/S Submain Clay- Immediately out of the manhole the camera drops into the pipe showing the channel has been installed incorrectly and too high. To improve flows this should be broken out and realigned. At 6.3 m there is a step down medium in the flow. At 8.5 m there is a buried manhole immediately before the dip pipe into the septic tank.

Sec 13- This is a view of the inside of the septic tank to look at the condition. The cover is bent and damaged and should be replaced with a heavier duty cover. The unit is a 2 stage tank with a baffle wall and beyond this you can see the dip pipe is in place. The tide mark in the chamber shows the level had been higher than at the time of the inspection this may well have been the rain water from the last couple of days raising the levels.

As well as the recommendations above another option may be to excavate on the sagged pipe F4 – F3 and replace all of this straight to F1 utilising lat 4. This will remove all of the foul from the ground keepers hut away from under the cricket club building. With the rainwater pipes removed elsewhere there would then only be sink waste running through the building from F2.

This could also be removed by drilling the sink wastes through the wall and into the systems externally. This will then remove all of the foul waste from under the buildings, and so hopefully eliminate all smells. If the ground keepers pipe work is diverted around the club house these additional works are not excessive.

I trust all is clear and meets with your approval but if you have any questions, please do not hesitate to call.

Assuring you of our closest attention at all times.

Yours sincerely

Steve Wadham

Steve Wadham
Director