

Off Mains Drainage Survey Report Prepared For:

R King

Dollys Cottage, 39 Church Lane, Cholderton
Salisbury
SP4 0DW

Date of Survey: 05/12/2024



Drainage Survey

What type of survey are we attending? Bespoke Off Mains

Weather conditions on the day of the survey: Dry overcast

Type of property surveyed: Semi detached

Property construction type: Cottage

View of the front of the property:



What is the year of build of the property: The property was built C. 1800's

Number of bedrooms: Other/See Below

Number of bedrooms - please specify: The main cottage has 1 bedroom and there is a 1 bedroom annex

Is the drainage system shared? No

Type of drainage tank at the property: Septic tank

Is the system emptied/serviced regularly? Unknown the vendor has just recently moved into the property

Photograph of the tank before the system was emptied:



Construction / design of the tank at the property:	A rectangle brick constructed tank with rendered internal surfaces
Number of zones in the existing tank:	2
Start of the drainage system:	The rear of the property
Location of tank:	The rear of the property
Age of the tank (if known):	Unknown
Maximum potential occupancy for the property:	4
Dimensions of the tank:	The septic tank could not be sized as it was not emptied for the site visit
Depth (below ground level) of the inlet pipe into the tank:	The inlet pipe is 1070mm deep below the cover
Depth (below ground level) of the outlet pipe from the tank (if applicable):	The outlet pipe is recessed and could not be seen
Capacity of the tank (below the inlet pipe):	NA
Based on our calculations, is the tank adequately sized for the maximum potential occupancy of the property?	Yes
Is there a manhole chamber upstream of the tank?	Yes
Depth below ground level of the next upstream manhole chamber from the tank:	Manhole 2 is 1060mm deep below the cover and is located at the septic tank
Overall condition of the tank:	Good

On arrival was the effluent level within the tank at the expected operating level?	Yes
Was there any damage observed to the tank during the inspection?	No
When the tank was emptied, was there any water observed returning to the tank from the outlet?	Other/see below
Any water observed returning to the tank from the outlet - please explain:	The septic tank was not emptied for the site visit
Was the outlet pipework accessible from the tank in order to conduct a CCTV survey?	No
Outlet pipe access - please specify:	The outlet pipe is recessed and could not be seen
Is the existing discharge functioning correctly?	Yes
Photograph of the general area of the tank:	
Is the current system discharging to surface water or ground	Discharge to ground
Is there any removal of hedgerow or trees/shrubs necessary?	No
Are there any wells at the property?	No
Are there any boreholes at the property?	No

Are there any watercourses or seasonal drainage ditches within the boundary of the property?

No

Are there any watercourses or seasonal drainage ditches in the local area?

Yes

Where is the local watercourse or seasonal drainage ditch located?

There is a dried up water course that runs along the left boundary of the property

Was a dye test carried out to the accessible upstream rainwater pipes?

No

Does the system in place comply current Building Regulations 2010 part H.?

Unable to confirm

Does the system in place comply with the General Binding Rules for small discharges

Pre 1983 installation functioning correctly

CCTV Survey

While we were on site, we carried out a CCTV survey of all the accessible below ground drainage at the property, the details of which can be found at the end of this report.

Recommendations:

See attached recommendations sheet

Additional notes:

Access to the rear of the property is good

Additional photograph for the report:



septic tank and the new STP location

**Additional photograph for
the report 2:**



electric point on the rear
corner of the cottage

**Additional photograph for
the report 3:**



electric cable route

**Additional photograph for
the report 4:**



manhole 1 location to
the septic tank

**Additional photograph for
the report 5:**



manhole 3 the annex
and SVP2

Additional photograph for
the report 6:

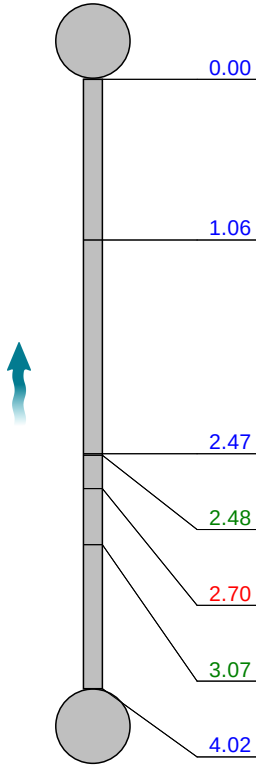


manhole 3 location to
manhole 2 and the
septic tank

Section Inspection - 06/12/2024 - Int Stack1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	06/12/24	0:00	PQ104118	Dry	0	INT STACK1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PB		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Cholderton, Salisbury	Inspection Direction: Upstream		Upstream Node:	INT STACK1
Road:	Dollys Cottage, 39 Church Ln,	Inspected Length: 4.02 m		Upstream Pipe Depth:	
Location:		Total Length: 4.02 m		Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.780 m
Use:	Foul			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	100 mm
Flow Control:				Pipe Material:	Vitrified clay
Year Constructed:	Not Specified			Lining:	No Lining
Inspection Purpose:				Lining Material:	
Comments:					
Recommendations:					

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.78 m MH1 							
		0.00	ST	Start of survey	00:00:00	Int Stack1X_f a08e5fe-d	
		1.06	MC	Sewer material changes at this point: Polyvinyl chloride	00:00:28		
		2.47	MC	Sewer material changes at this point: Vitrified clay	00:00:37		
		2.48	LR	Line of sewer deviates right	00:00:37		
		2.70	JDM	Joint displaced, medium (between 1.0 and 1.5 times the pipe wall thickness)	00:00:40		1
		3.07	LU	Line of sewer deviates up: Rest bend	00:00:45		
		4.02	FH	Finish survey: Reached base of interna stack1	00:01:04	Int Stack1X_c 9881961-2	
Int Stack1 Depth: m							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.2	1.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 06/12/2024 - Int Stack1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	INT STACK1X	PQ104118	



Int

Stack1X_fa08e5fe-da60-4954-b9bc-a4e949b07555_20241206_130006_709.jpg, 00:00:00, 0.00 m
Start of survey



Int

Stack1X_c9881961-2471-4c57-9dbe-593b78140eae_20241206_130344_605.jpg, 00:01:04, 4.02 m
Finish survey, Reached base of interna stack1

Section Inspection - 06/12/2024 - SVP1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	1	06/12/24	0:00	PQ104118	Dry	0	SVP1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PB		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Cholderton, Salisbury	Inspection Direction: Upstream		Upstream Node:	SVP1
Road:	Dollys Cottage, 39 Church Ln,	Inspected Length: 6.50 m		Upstream Pipe Depth:	
Location:		Total Length: 6.50 m		Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.780 m
Use:	Foul			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	100 mm
Flow Control:				Pipe Material:	Vitrified clay
Year Constructed:	Not Specified			Lining:	No Lining
Inspection Purpose:				Lining Material:	
Comments:					
Recommendations:					

Scale:	1:57	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.78 m MH1 0.00 ST Start of survey 00:00:00 SVP1X_bf 282fec-3e e5-4d3b-a							
4.25 JN Junction at 9 o'clock, 100mm diameter: WG1 00:00:28 SVP1X_e5 4b8949-8d e3-4482-b							
4.61 DE Debris, other, 20% cross-sectional area loss: Loose 00:00:34 SVP1X_8d 2ec630-e7 87-4dea-bf 4							
5.44 LL Line of sewer deviates left 00:00:56							
6.26 LU Line of sewer deviates up: Rest bend 00:01:04							
6.50 FH Finish survey: Reached base of SVP1 00:01:19							
SVP1 Depth: m							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	5.0	0.8	5.0	4.0

Section Pictures - 06/12/2024 - SVP1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	SVP1X	PQ104118	



SVP1X_bf282fec-3ee5-4d3b-ae73-373f4ab2f1a4_20241206_130406_721.jpg, 00:00:00, 0.00 m
Start of survey



SVP1X_e54b8949-8de3-4482-b53e-6b3516f22f6f_20241206_130454_055.jpg, 00:00:28, 4.25 m
Junction at 9 o'clock, 100mm diameter, WG1



SVP1X_8d2ec630-e787-4dea-bfcf-d6c0afdf1d77_20241206_130526_393.jpg, 00:00:34, 4.61 m
Debris, other, 20% cross-sectional area loss, Loose

Section Inspection - 06/12/2024 - MH1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	06/12/24	0:00	PQ104118	Dry	0	MH1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PB		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Cholderton, Salisbury	Inspection Direction:	Upstream	Upstream Node:	MH1
Road:	Dollys Cottage, 39 Church Ln,	Inspected Length:	8.75 m	Upstream Pipe Depth:	0.780 m
Location:		Total Length:	8.75 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.060 m
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:		Pipe Material:	Vitrified clay	Lining:	No Lining
Flow Control:		Lining Material:			
Year Constructed:	Not Specified				
Inspection Purpose:					

Comments:

Recommendations:

Scale:	1:76	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.06 m MH2 0.00 ST Start of survey 00:00:00 MH1X_f9b0725a-5eb0-4d38-8f2							
1.18 CCJ Crack, circumferential at joint from 12 o'clock to 12 o'clock 00:00:22 MH1X_ff2fb486-0bd9-4632-926 2							
3.07 CCJ Crack, circumferential at joint from 12 o'clock to 12 o'clock 00:00:32 MH1X_878f84d6-29fa-4e80-b5 2							
8.75 FH Finish survey: Reached MH2 00:01:02 MH1X_c785dc95-92f0-404f-95e							
MH1 Depth: 0.78 m							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	10.0	2.3	20.0	2.0	0	0.0	0.0	0.0	1.0

Section Pictures - 06/12/2024 - MH1X

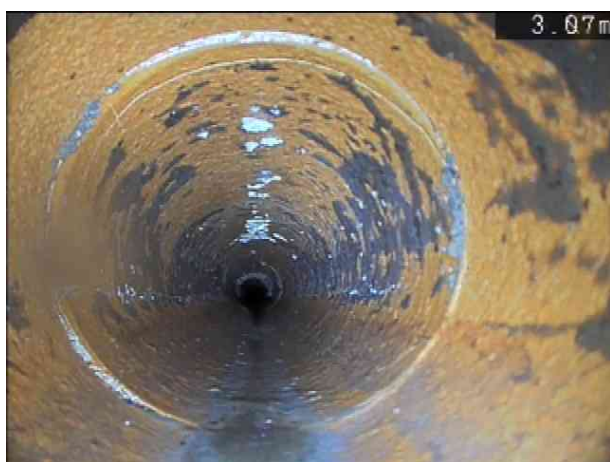
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	MH1X	PQ104118	



MH1X_f9b0725a-5eb0-4d38-8f2c-04eef8e5a83d_20241206_130728_703.jpg, 00:00:00, 0.00 m
Start of survey



MH1X_ff2fb486-0bd9-4632-926e-02687f8afa35_20241206_130813_761.jpg, 00:00:22, 1.18 m
Crack, circumferential at joint from 12 o'clock to 12 o'clock



MH1X_878f84d6-29fa-4e80-b513-5fda8c6601b8_20241206_130912_433.jpg, 00:00:32, 3.07 m
Crack, circumferential at joint from 12 o'clock to 12 o'clock



MH1X_c785dc95-92f0-404f-95e0-0695f763a338_20241206_131047_998.jpg, 00:01:02, 8.75 m
Finish survey, Reached MH2

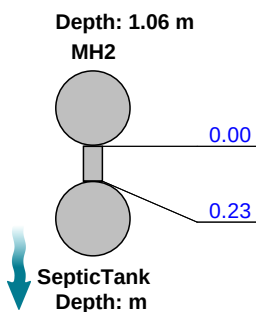
Section Inspection - 06/12/2024 - MH2X

Item No. 4	Insp. No. 1	Date 06/12/24	Time 0:00	Client's Job Ref PQ104118	Weather Dry	Pre Cleaned 0	PLR MH2X
Operator PB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Cholderton, Salisbury	Inspection Direction:	Downstream	Upstream Node:	MH2
Road:	Dollys Cottage, 39 Church Ln,	Inspected Length:	0.23 m	Upstream Pipe Depth:	1.060 m
Location:		Total Length:	0.23 m	Downstream Node:	SEPTICTANK
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Pipe Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	ST	Start of survey	00:00:00	MH2X_a0 5100ac-8c 38-492d-9	
		0.23	FH	Finish survey: Reached septic tank inlet	00:00:18	MH2X_1ef b10a0-549 8-4782-94	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 06/12/2024 - MH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	MH2X	PQ104118	



MH2X_a05100ac-8c38-492d-9afd-7886afe9066f_20241206_131116_872.jpg, 00:00:00, 0.00 m
Start of survey



MH2X_1efb10a0-5498-4782-946a-04e523c5b8a2_20241206_131232_254.jpg, 00:00:18, 0.23 m
Finish survey, Reached septic tank inlet

Section Inspection - 06/12/2024 - SVP2 annexX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	1	06/12/24	0:00	PQ104118	Dry	0	SVP2 ANNEXX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
PB		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	Cholderton, Salisbury	Inspection Direction:	Upstream	Upstream Node:	SVP2 ANNEX
Road:	Dollys Cottage, 39 Church Ln,	Inspected Length:	11.82 m	Upstream Pipe Depth:	
Location:		Total Length:	11.82 m	Downstream Node:	MH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.870 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale:	1:103	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.87 m MH3 0.00 ST Start of survey 00:00:00 SVP2 annexX_1 483b5bd-4							
11.23 LU Line of sewer deviates up: Rest bend 00:01:08							
11.82 FH Finish survey: Reached SVP2 00:01:18							
SVP2 annex Depth: m							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 06/12/2024 - SVP2 annexX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	SVP2 ANNEXX	PQ104118	



SVP2
annexX_1483b5bd-43c4-4eea-8696-fbb8e5ab4f66_20241206
_131249_784.jpg, 00:00:00, 0.00 m
Start of survey

Section Inspection - 06/12/2024 - MH3X

Item No. 6	Insp. No. 1	Date 06/12/24	Time 0:00	Client's Job Ref PQ104118	Weather Dry	Pre Cleaned 0	PLR MH3X
Operator PB		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Cholderton, Salisbury	Inspection Direction:	Downstream	Upstream Node:	MH3
Road:	Dollys Cottage, 39 Church Ln,	Inspected Length:	2.01 m	Upstream Pipe Depth:	0.870 m
Location:		Total Length:	2.01 m	Downstream Node:	MH2
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.060 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:		Pipe Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining:	No Lining		
Inspection Purpose:		Lining Material:			

Comments:

Recommendations:

Scale: 1:50 Position [m] Code Observation MPEG Photo Grade

Depth: 0.87 m
MH3



0.00

ST

Start of survey

00:00:00

MH3X_e2
b30efe-20
89-4b89-a

2.01

FH

Finish survey: Reached MH2

00:00:17

MH3X_dc4
5c5f1-236
d-4b7f-a62

MH2
Depth: 1.06 m

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 06/12/2024 - MH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	MH3X	PQ104118	



MH3X_e2b30efe-2089-4b89-a90a-5daab04a3684_20241206_131513_585.jpg, 00:00:00, 0.00 m
Start of survey



MH3X_dc45c5f1-236d-4b7f-a62d-ae4e1352548_20241206_131546_306.jpg, 00:00:17, 2.01 m
Finish survey, Reached MH2

