

## Off Mains Drainage Survey Report Prepared For:

Sarah J Wardall

Frog Lane Farmhouse, 84 Sand Street, Longbridge Deverill  
Warminster  
BA12 7DS

**Date of Survey:** 18/11/2024



## Drainage Survey

**What type of survey are we attending?** Bespoke Off Mains

**Weather conditions on the day of the survey:** Showers

**Type of property surveyed:** Detached

**Property construction type:** Farm House

**View of the front of the property:**



**What is the year of build of the property:** The property is over 150 years old

**Number of bedrooms:** 4

**Is the drainage system shared?** No

**Type of drainage tank at the property:** Septic tank

**Is the system emptied/serviced regularly?** The septic tank is emptied yearly

Photograph of the tank before the system was emptied:



septic tank chamber 1 on arrival

Tank pre-empty photograph 2:



septic tank chamber 2 on arrival

|                                                                |                                                                                                                            |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Do you want to take another photo of the tank before emptied 3 | No                                                                                                                         |
| 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:                                              | Other/see below                                                                                                            |
| Location of the tank - please specify:                         | Manhole 3 and the septic tank are located in the third party land at the front of the house to the right side of the drive |
| Age of the tank (if known):                                    | Unknown                                                                                                                    |

|                                                                                                                     |                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum potential occupancy for the property:</b>                                                                | 6                                                                                                                                                                                                                                                           |
| <b>Dimensions of the tank:</b>                                                                                      | Unable to size the septic tank as it was not emptied for the site visit                                                                                                                                                                                     |
| <b>Depth (below ground level) of the inlet pipe into the tank:</b>                                                  | The inlet pipe is 420mm deep below the cover                                                                                                                                                                                                                |
| <b>Depth (below ground level) of the outlet pipe from the tank (if applicable):</b>                                 | The outlet pipe is 430mm deep below the cover                                                                                                                                                                                                               |
| <b>Capacity of the tank (below the inlet pipe):</b>                                                                 | NA                                                                                                                                                                                                                                                          |
| <b>Based on our calculations, is the tank adequately sized for the maximum potential occupancy of the property?</b> | Unable to verify                                                                                                                                                                                                                                            |
| <b>Tank size - please explain:</b>                                                                                  | The septic tank was not emptied for the site visit and could not be sized                                                                                                                                                                                   |
| <b>Is there a manhole chamber upstream of the tank?</b>                                                             | Yes                                                                                                                                                                                                                                                         |
| <b>Depth below ground level of the next upstream manhole chamber from the tank:</b>                                 | Manhole 3 is 420mm deep below the cover and is located at the septic tank                                                                                                                                                                                   |
| <b>Overall condition of the tank:</b>                                                                               | Good                                                                                                                                                                                                                                                        |
| <b>On arrival was the effluent level within the tank at the expected operating level?</b>                           | Yes                                                                                                                                                                                                                                                         |
| <b>Was there any damage observed to the tank during the inspection?</b>                                             | No                                                                                                                                                                                                                                                          |
| <b>When the tank was emptied, was there any water observed returning to the tank from the outlet?</b>               | Other/see below                                                                                                                                                                                                                                             |
| <b>Any water observed returning to the tank from the outlet - please explain:</b>                                   | The septic tank was not emptied                                                                                                                                                                                                                             |
| <b>Was the outlet pipework accessible from the tank in order to conduct a CCTV survey?</b>                          | Yes                                                                                                                                                                                                                                                         |
| <b>Was there confirmation of the discharge destination?</b>                                                         | Other/See Below                                                                                                                                                                                                                                             |
| <b>Final discharge destination - please specify:</b>                                                                | Due to the sludge in the pipework the camera picture was lost so the final discharge point could not be observed however the location of the septic tank and the distance travelled with the camera suggests the tank discharges to a single point soakaway |
| <b>Is the existing discharge functioning correctly?</b>                                                             | 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                                         | Yes                                                        |
| If required, what is access like for plant to the area of the system for potential remedial works? | Good                                                       |
| 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?       | Yes                                                        |
| Where is the watercourse or seasonal drainage ditch located?                                       | There is a flowing river located at the left side boundary |
| Are there any watercourses or seasonal drainage ditches in the local area?                         | No                                                         |
| Was a dye test carried out to the accessible upstream rainwater pipes?                             | Yes                                                        |
| Were there any cross connections found between the rainwater system and the foul system?           | No                                                         |

Photograph of dye test undertaken



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

Unable to confirm

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

No

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 property and working area is good

**Additional photograph for  
the report:**



SVP1 location

**Additional photograph for  
the report 2:**



SVP1 location to  
manhole 1

**Additional photograph for  
the report 3:**



WG1 location to  
manhole 2 on the other  
side of the building

**Additional photograph for  
the report 4:**



manhole 3 location  
to the septic tank

---

**Additional photograph for  
the report 5:**



possible single point  
soakaway location to  
the septic tank

**Additional photograph for  
the report 6:**



new manhole and STP  
location

**Additional photograph for  
the report 7:**



new sample chamber  
location to the new STP

---

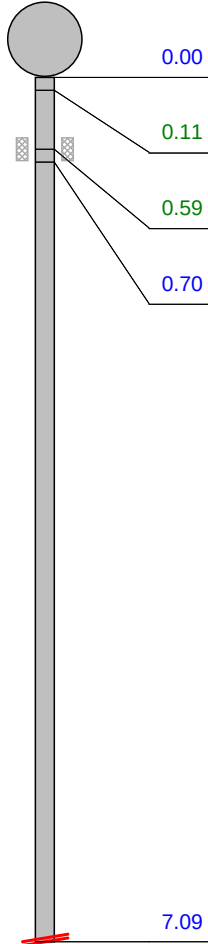
## Section Inspection - 21/11/2024 - SepticTankX

| Item No.       | Insp. No. | Date                     | Time | Client's Job Ref        | Weather                        | Pre Cleaned                   | PLR                             |
|----------------|-----------|--------------------------|------|-------------------------|--------------------------------|-------------------------------|---------------------------------|
| 1              | 1         | 21/11/24                 | 0:00 | PQ104072                | Showers                        | 0                             | SEPTICTANKX                     |
| Operator<br>PB |           | Vehicle<br>Not Specified |      | Camera<br>Not Specified | Preset Length<br>Not Specified | Legal Status<br>Not Specified | Alternative ID<br>Not Specified |

|                  |                              |                       |            |                        |            |
|------------------|------------------------------|-----------------------|------------|------------------------|------------|
| Town or Village: | Warminster                   | Inspection Direction: | Downstream | Upstream Node:         | SEPTICTANK |
| Road:            | Frog Lane Farmhouse, 84 Sand | Inspected Length:     | 7.09 m     | Upstream Pipe Depth:   | 0.430 m    |
| Location:        |                              | Total Length:         | 7.09 m     | Downstream Node:       | SOAKAWAY   |
| Surface Type:    |                              | Joint Length:         |            | Downstream Pipe Depth: |            |

|                     |               |                  |                    |
|---------------------|---------------|------------------|--------------------|
| 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:                                                                                                                              | 1:62 | Position [m] | Code   | Observation                                                | MPEG     | Photo                                | Grade |
|-------------------------------------------------------------------------------------------------------------------------------------|------|--------------|--------|------------------------------------------------------------|----------|--------------------------------------|-------|
| <div> <p>Depth: 0.43 m<br/>SepticTank</p>  </div> |      |              |        |                                                            |          |                                      |       |
|                                                                                                                                     |      | 0.00         | ST     | Start of survey                                            | 00:00:00 | SepticTan<br>kX_4ff9bd<br>a3-935c-4  |       |
|                                                                                                                                     |      | 0.11         | WL     | Water level, 10% of sewer height                           | 00:00:39 | SepticTan<br>kX_ac0d3<br>62a-7093-   |       |
|                                                                                                                                     |      | 0.59         | S01 DE | Debris, other, 20% cross-sectional area loss, start: Loose | 00:00:46 | SepticTan<br>kX_5f9b4a<br>6d-f3c4-4f | 4     |
|                                                                                                                                     |      | 0.70         | GO     | General observation: Loss of vision                        | 00:00:47 |                                      |       |
|                                                                                                                                     |      | 7.09         | SA     | Survey abandoned: Unable to push camera                    | 00:02:51 | SepticTan<br>kX_a6849<br>635-5cbe-   |       |

| 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                                  | 0.0      | 0.7      | 5.0       | 2.0       |

## Section Pictures - 21/11/2024 - SepticTankX

| Item No. | Inspection Direction | PLR         | Client's Job Ref | Contractor's Job Ref |
|----------|----------------------|-------------|------------------|----------------------|
| 1        | Downstream           | SEPTICTANKX | PQ104072         |                      |



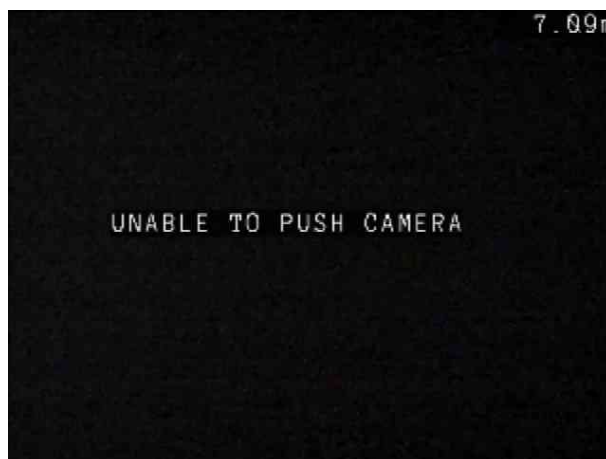
SepticTankX\_4ff9bda3-935c-4713-8895-a2852ad849cd\_20241121\_114056\_807.jpg, 00:00:00, 0.00 m  
Start of survey



SepticTankX\_ac0d362a-7093-4bd5-8352-febdf298b11a\_20241121\_114126\_359.jpg, 00:00:39, 0.11 m  
Water level, 10% of sewer height



SepticTankX\_5f9b4a6d-f3c4-4fd8-994f-b6769e08f054\_20241121\_114236\_609.jpg, 00:00:46, 0.59 m  
Debris, other, 20% cross-sectional area loss, start, Loose



SepticTankX\_a6849635-5cbe-4208-af2f-84f4e6377100\_20241121\_114421\_104.jpg, 00:02:51, 7.09 m  
Survey abandoned, Unable to push camera

## Section Inspection - 21/11/2024 - SVP1X

| Item No. | Insp. No. | Date          | Time | Client's Job Ref | Weather       | Pre Cleaned   | PLR            |
|----------|-----------|---------------|------|------------------|---------------|---------------|----------------|
| 2        | 1         | 21/11/24      | 0:00 | PQ104072         | Showers       | 0             | SVP1X          |
| Operator |           | Vehicle       |      | Camera           | Preset Length | Legal Status  | Alternative ID |
| PB       |           | Not Specified |      | Not Specified    | Not Specified | Not Specified | Not Specified  |

|                            |                              |                              |                |                               |         |
|----------------------------|------------------------------|------------------------------|----------------|-------------------------------|---------|
| <b>Town or Village:</b>    | Warminster                   | <b>Inspection Direction:</b> | Upstream       | <b>Upstream Node:</b>         | SVP1    |
| <b>Road:</b>               | Frog Lane Farmhouse, 84 Sand | <b>Inspected Length:</b>     | 5.08 m         | <b>Upstream Pipe Depth:</b>   |         |
| <b>Location:</b>           |                              | <b>Total Length:</b>         | 5.50 m         | <b>Downstream Node:</b>       | MH1     |
| <b>Surface Type:</b>       |                              | <b>Joint Length:</b>         |                | <b>Downstream Pipe Depth:</b> | 0.280 m |
| <b>Use:</b>                | Foul                         | <b>Pipe Shape:</b>           | Circular       |                               |         |
| <b>Type of Pipe:</b>       |                              | <b>Dia/Height:</b>           | 100 mm         |                               |         |
| <b>Flow Control:</b>       |                              | <b>Pipe Material:</b>        | Vitrified clay |                               |         |
| <b>Year Constructed:</b>   | Not Specified                | <b>Lining:</b>               | No Lining      |                               |         |
| <b>Inspection Purpose:</b> |                              | <b>Lining Material:</b>      |                |                               |         |

Comments:

Recommendations:

| Scale:                                                                                                                                                                            | 1:50 | Position [m] | Code | Observation | MPEG | Photo | Grade |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|------|-------------|------|-------|-------|
| <div> <div>Depth: 0.28 m</div> <div>MH1</div> <div>0.00</div> <div>ST</div> <div>Start of survey</div> <div>00:00:00</div> <div>SVP1X_2e<br/>c959c9-78<br/>24-4ace-9</div> </div> |      |              |      |             |      |       |       |
| <div> <div>4.61</div> <div>LU</div> <div>Line of sewer deviates up: Rest bend</div> <div>00:00:23</div> <div>SVP1X_f8<br/>2cc0eb-30<br/>3f-4990-85</div> </div>                   |      |              |      |             |      |       |       |
| <div> <div>5.08</div> <div>FH</div> <div>Finish survey: Reached base of SVP1</div> <div>00:00:31</div> <div>SVP1X_bc<br/>2b7ef8-2a<br/>5e-45de-b</div> </div>                     |      |              |      |             |      |       |       |
| <div> <div>SVP1</div> <div>Depth: m</div> </div>                                                                                                                                  |      |              |      |             |      |       |       |

| 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 - 21/11/2024 - SVP1X

| Item No. | Inspection Direction | PLR   | Client's Job Ref | Contractor's Job Ref |
|----------|----------------------|-------|------------------|----------------------|
| 2        | Upstream             | SVP1X | PQ104072         |                      |



SVP1X\_2ec959c9-7824-4ace-9cf6-fe4b8ff4b747\_20241121\_1  
14852\_913.jpg, 00:00:00, 0.00 m  
Start of survey



SVP1X\_f82cc0eb-303f-4990-85ef-8a8e4e07672b\_20241121\_1  
14918\_286.jpg, 00:00:23, 4.61 m  
Line of sewer deviates up, Rest bend



SVP1X\_bc2b7ef8-2a5e-45de-b6ae-cc003fcf3cc6\_20241121\_1  
14635\_897.jpg, 00:00:31, 5.08 m  
Finish survey, Reached base of SVP1

## Section Inspection - 21/11/2024 - MH1X

|                |                |                          |              |                              |                                |                               |                                 |
|----------------|----------------|--------------------------|--------------|------------------------------|--------------------------------|-------------------------------|---------------------------------|
| Item No.<br>3  | Insp. No.<br>1 | Date<br>21/11/24         | Time<br>0:00 | Client's Job Ref<br>PQ104072 | Weather<br>Showers             | Pre Cleaned<br>0              | PLR<br>MH1X                     |
| Operator<br>PB |                | Vehicle<br>Not Specified |              | Camera<br>Not Specified      | Preset Length<br>Not Specified | Legal Status<br>Not Specified | Alternative ID<br>Not Specified |

|                     |                              |                       |                |                        |         |
|---------------------|------------------------------|-----------------------|----------------|------------------------|---------|
| Town or Village:    | Warminster                   | Inspection Direction: | Downstream     | Upstream Node:         | MH1     |
| Road:               | Frog Lane Farmhouse, 84 Sand | Inspected Length:     | 3.43 m         | Upstream Pipe Depth:   | 0.280 m |
| Location:           |                              | Total Length:         | 3.43 m         | Downstream Node:       | MH2     |
| 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

Depth: 0.28 m  
MH1



0.00

ST

Start of survey

00:00:00

MH1X\_4d  
6969ac-29  
77-467d-9

3.43

FH

Finish survey: Reached MH2

00:00:40

MH1X\_84  
a04fb6-eb  
df-4e08-bb

MH2  
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 - 21/11/2024 - MH1X

| Item No. | Inspection Direction | PLR  | Client's Job Ref | Contractor's Job Ref |
|----------|----------------------|------|------------------|----------------------|
| 3        | Downstream           | MH1X | PQ104072         |                      |



MH1X\_4d6969ac-2977-467d-9507-78f824289f0a\_20241121\_1  
14934\_886.jpg, 00:00:00, 0.00 m  
Start of survey



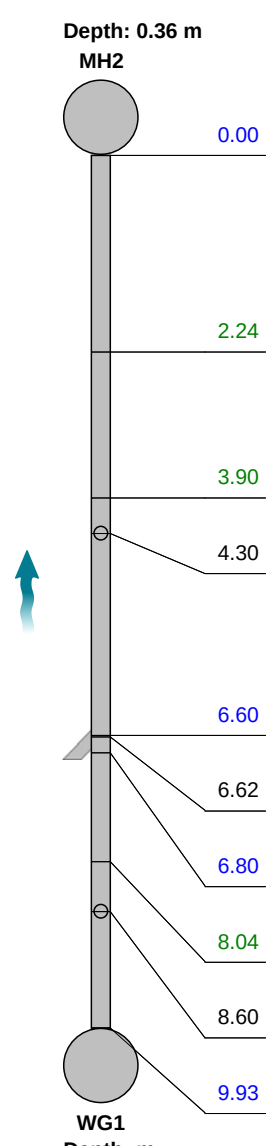
MH1X\_84a04fb6-ebdf-4e08-bb8d-6de8cb671c68\_20241121\_1  
15036\_757.jpg, 00:00:40, 3.43 m  
Finish survey, Reached MH2

## Section Inspection - 21/11/2024 - WG1X

| Item No. | Insp. No. | Date          | Time | Client's Job Ref | Weather       | Pre Cleaned   | PLR            |
|----------|-----------|---------------|------|------------------|---------------|---------------|----------------|
| 4        | 1         | 21/11/24      | 0:00 | PQ104072         | Showers       | 0             | WG1X           |
| Operator |           | Vehicle       |      | Camera           | Preset Length | Legal Status  | Alternative ID |
| PB       |           | Not Specified |      | Not Specified    | Not Specified | Not Specified | Not Specified  |

|                            |                              |                              |                |                               |         |
|----------------------------|------------------------------|------------------------------|----------------|-------------------------------|---------|
| <b>Town or Village:</b>    | Warminster                   | <b>Inspection Direction:</b> | Upstream       | <b>Upstream Node:</b>         | WG1     |
| <b>Road:</b>               | Frog Lane Farmhouse, 84 Sand | <b>Inspected Length:</b>     | 9.93 m         | <b>Upstream Pipe Depth:</b>   |         |
| <b>Location:</b>           |                              | <b>Total Length:</b>         | 9.93 m         | <b>Downstream Node:</b>       | MH2     |
| <b>Surface Type:</b>       |                              | <b>Joint Length:</b>         |                | <b>Downstream Pipe Depth:</b> | 0.360 m |
| <b>Use:</b>                | Foul                         | <b>Pipe Shape:</b>           | Circular       |                               |         |
| <b>Type of Pipe:</b>       |                              | <b>Dia/Height:</b>           | 100 mm         |                               |         |
| <b>Flow Control:</b>       |                              | <b>Pipe Material:</b>        | Vitrified clay |                               |         |
| <b>Year Constructed:</b>   | Not Specified                | <b>Lining:</b>               | No Lining      |                               |         |
| <b>Inspection Purpose:</b> |                              | <b>Lining Material:</b>      |                |                               |         |

**Comments:**  
**Recommendations:**

| Scale:                                                                             | 1:86 | Position [m] | Code | Observation                                                                       | MPEG     | Photo                              | Grade |
|------------------------------------------------------------------------------------|------|--------------|------|-----------------------------------------------------------------------------------|----------|------------------------------------|-------|
|  |      |              |      |                                                                                   |          |                                    |       |
|                                                                                    |      | 0.00         | ST   | Start of survey                                                                   | 00:00:00 | WG1X_cc<br>8753dd-d3<br>5b-484c-b  |       |
|                                                                                    |      | 2.24         | LL   | Line of sewer deviates left                                                       | 00:00:35 |                                    |       |
|                                                                                    |      | 3.90         | ESMJ | Scale, medium at joint from 4 o'clock to 8 o'clock, 15% cross-sectional area loss | 00:00:47 | WG1X_28<br>c188eb-0d<br>7b-46e3-8  | 3     |
|                                                                                    |      | 4.30         | JN   | Junction at 12 o'clock, 100mm diameter                                            | 00:00:56 | WG1X_5a<br>e9ce26-e4<br>d2-4bbf-83 |       |
|                                                                                    |      | 6.60         | MC   | Sewer material changes at this point: Polyvinyl chloride                          | 00:01:17 |                                    |       |
|                                                                                    |      | 6.62         | JN   | Junction at 3 o'clock, 100mm diameter                                             | 00:01:17 | WG1X_4bf<br>f2193-565<br>7-471e-8e |       |
|                                                                                    |      | 6.80         | MC   | Sewer material changes at this point: Vitrified clay                              | 00:01:21 |                                    |       |
|                                                                                    |      | 8.04         | DE   | Debris, other, 15% cross-sectional area loss: Sludge                              | 00:01:29 | WG1X_d2<br>b3d92d-5d<br>2f-4ae0-95 | 3     |
|                                                                                    |      | 8.60         | JN   | Junction at 12 o'clock, 100mm diameter                                            | 00:01:32 | WG1X_05<br>d1a62b-37<br>93-41c4-bf |       |
|                                                                                    |      | 9.93         | FH   | Finish survey: Reached WG1                                                        | 00:01:47 | WG1X_59<br>cae548-c3<br>0b-4549-b  |       |

| 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       | 2                                  | 2.0      | 0.4      | 4.0       | 3.0       |

## Section Pictures - 21/11/2024 - WG1X

| Item No. | Inspection Direction | PLR  | Client's Job Ref | Contractor's Job Ref |
|----------|----------------------|------|------------------|----------------------|
| 4        | Upstream             | WG1X | PQ104072         |                      |



WG1X\_cc8753dd-d35b-484c-b3fa-7aa480d7af95\_20241121\_115105\_470.jpg, 00:00:00, 0.00 m  
Start of survey



WG1X\_28c188eb-0d7b-46e3-8c54-585fb1c6387e\_20241121\_115643\_279.jpg, 00:00:47, 3.90 m  
Scale, medium at joint from 4 o'clock to 8 o'clock, 15% cross-sectional area loss



WG1X\_5ae9ce26-e4d2-4bbf-83bc-82025ba7ce8e\_20241121\_115319\_013.jpg, 00:00:56, 4.30 m  
Junction at 12 o'clock, 100mm diameter



WG1X\_4bff2193-5657-471e-8e58-5ac0504a20e9\_20241121\_115425\_829.jpg, 00:01:17, 6.62 m  
Junction at 3 o'clock, 100mm diameter

## Section Pictures - 21/11/2024 - WG1X

| Item No. | Inspection Direction | PLR  | Client's Job Ref | Contractor's Job Ref |
|----------|----------------------|------|------------------|----------------------|
| 4        | Upstream             | WG1X | PQ104072         |                      |



WG1X\_d2b3d92d-5d2f-4ae0-95b3-ab1038b4e698\_20241121\_115526\_427.jpg, 00:01:29, 8.04 m  
Debris, other, 15% cross-sectional area loss, Sludge



WG1X\_05d1a62b-3793-41c4-bf1b-ae873b1d2594\_20241121\_115544\_085.jpg, 00:01:32, 8.60 m  
Junction at 12 o'clock, 100mm diameter



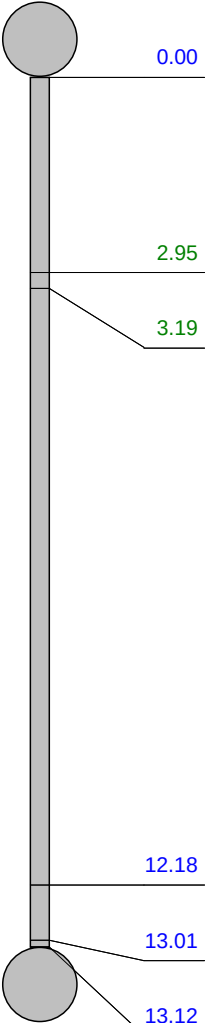
WG1X\_59cae548-c30b-4549-b43e-fc21f71e5e8f\_20241121\_15618\_031.jpg, 00:01:47, 9.93 m  
Finish survey, Reached WG1

## Section Inspection - 21/11/2024 - MH2X

| Item No. | Insp. No. | Date          | Time | Client's Job Ref | Weather       | Pre Cleaned   | PLR            |
|----------|-----------|---------------|------|------------------|---------------|---------------|----------------|
| 5        | 1         | 21/11/24      | 0:00 | PQ104072         | Showers       | 0             | MH2X           |
| Operator |           | Vehicle       |      | Camera           | Preset Length | Legal Status  | Alternative ID |
| PB       |           | Not Specified |      | Not Specified    | Not Specified | Not Specified | Not Specified  |

|                            |                              |                              |                |                               |            |
|----------------------------|------------------------------|------------------------------|----------------|-------------------------------|------------|
| <b>Town or Village:</b>    | Warminster                   | <b>Inspection Direction:</b> | Downstream     | <b>Upstream Node:</b>         | MH2        |
| <b>Road:</b>               | Frog Lane Farmhouse, 84 Sand | <b>Inspected Length:</b>     | 13.12 m        | <b>Upstream Pipe Depth:</b>   | 0.360 m    |
| <b>Location:</b>           |                              | <b>Total Length:</b>         | 13.12 m        | <b>Downstream Node:</b>       | SEPTICTANK |
| <b>Surface Type:</b>       |                              | <b>Joint Length:</b>         |                | <b>Downstream Pipe Depth:</b> |            |
| <b>Use:</b>                | Foul                         | <b>Pipe Shape:</b>           | Circular       |                               |            |
| <b>Type of Pipe:</b>       |                              | <b>Dia/Height:</b>           | 100 mm         |                               |            |
| <b>Flow Control:</b>       |                              | <b>Pipe Material:</b>        | Vitrified clay |                               |            |
| <b>Year Constructed:</b>   | Not Specified                | <b>Lining:</b>               | No Lining      |                               |            |
| <b>Inspection Purpose:</b> |                              | <b>Lining Material:</b>      |                |                               |            |

**Comments:**  
**Recommendations:**

| Scale:                                                                                                                                                            | 1:114 | Position [m] | Code | Observation                                                               | MPEG     | Photo                              | Grade |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|------|---------------------------------------------------------------------------|----------|------------------------------------|-------|
| <div> <div> <div>Depth: 0.36 m</div> <div>MH2</div> <div>  </div> </div> </div> |       |              |      |                                                                           |          |                                    |       |
|                                                                                                                                                                   |       | 0.00         | ST   | Start of survey                                                           | 00:00:00 | MH2X_0e<br>280976-1d<br>7b-4a46-a  |       |
|                                                                                                                                                                   |       | 2.95         | DEG  | Debris, grease from 4 o'clock to 8 o'clock, 15% cross-sectional area loss | 00:00:33 | MH2X_83<br>ed2d8c-00<br>c5-405c-a  | 3     |
|                                                                                                                                                                   |       | 3.19         | WL   | Water level, 10% of sewer height                                          | 00:00:36 |                                    |       |
|                                                                                                                                                                   |       | 12.18        | GO   | General observation: Enters MH3                                           | 00:01:28 | MH2X_71<br>63d9a0-2a<br>58-4bde-a  |       |
|                                                                                                                                                                   |       | 13.01        | GO   | General observation: Exits MH3                                            | 00:01:32 |                                    |       |
|                                                                                                                                                                   |       | 13.12        | FH   | Finish survey: Reached inlet to septic tank                               | 00:01:32 | MH2X_b7<br>2b9686-9c<br>99-458a-8f |       |
| <div> <div>SepticTank</div> <div>Depth: m</div> </div>                                                                                                            |       |              |      |                                                                           |          |                                    |       |

| 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                                  | 2.0      | 0.2      | 2.0       | 3.0       |

## Section Pictures - 21/11/2024 - MH2X

| Item No. | Inspection Direction | PLR  | Client's Job Ref | Contractor's Job Ref |
|----------|----------------------|------|------------------|----------------------|
| 5        | Downstream           | MH2X | PQ104072         |                      |



MH2X\_0e280976-1d7b-4a46-a9b6-f66c632bf85d\_20241121\_120010\_936.jpg, 00:00:00, 0.00 m  
Start of survey



MH2X\_83ed2d8c-00c5-405c-a74f-aaf52ac2fdb8\_20241121\_120135\_798.jpg, 00:00:33, 2.95 m  
Debris, grease from 4 o'clock to 8 o'clock, 15% cross-sectional area loss



MH2X\_7163d9a0-2a58-4bde-a1a9-9803b54bf5ee\_20241121\_120350\_978.jpg, 00:01:28, 12.18 m  
General observation, Enters MH3



MH2X\_b72b9686-9c99-458a-8f6d-dc915f3b60c3\_20241121\_120518\_713.jpg, 00:01:32, 13.12 m  
Finish survey, Reached inlet to septic tank

