

## Project-information

|                                                              |                  |           |                             |
|--------------------------------------------------------------|------------------|-----------|-----------------------------|
| Project name :<br><b>Ramsgate Town Council - Old Fire St</b> | Project Number : | Contact : | Date :<br><b>07/10/2022</b> |
|--------------------------------------------------------------|------------------|-----------|-----------------------------|

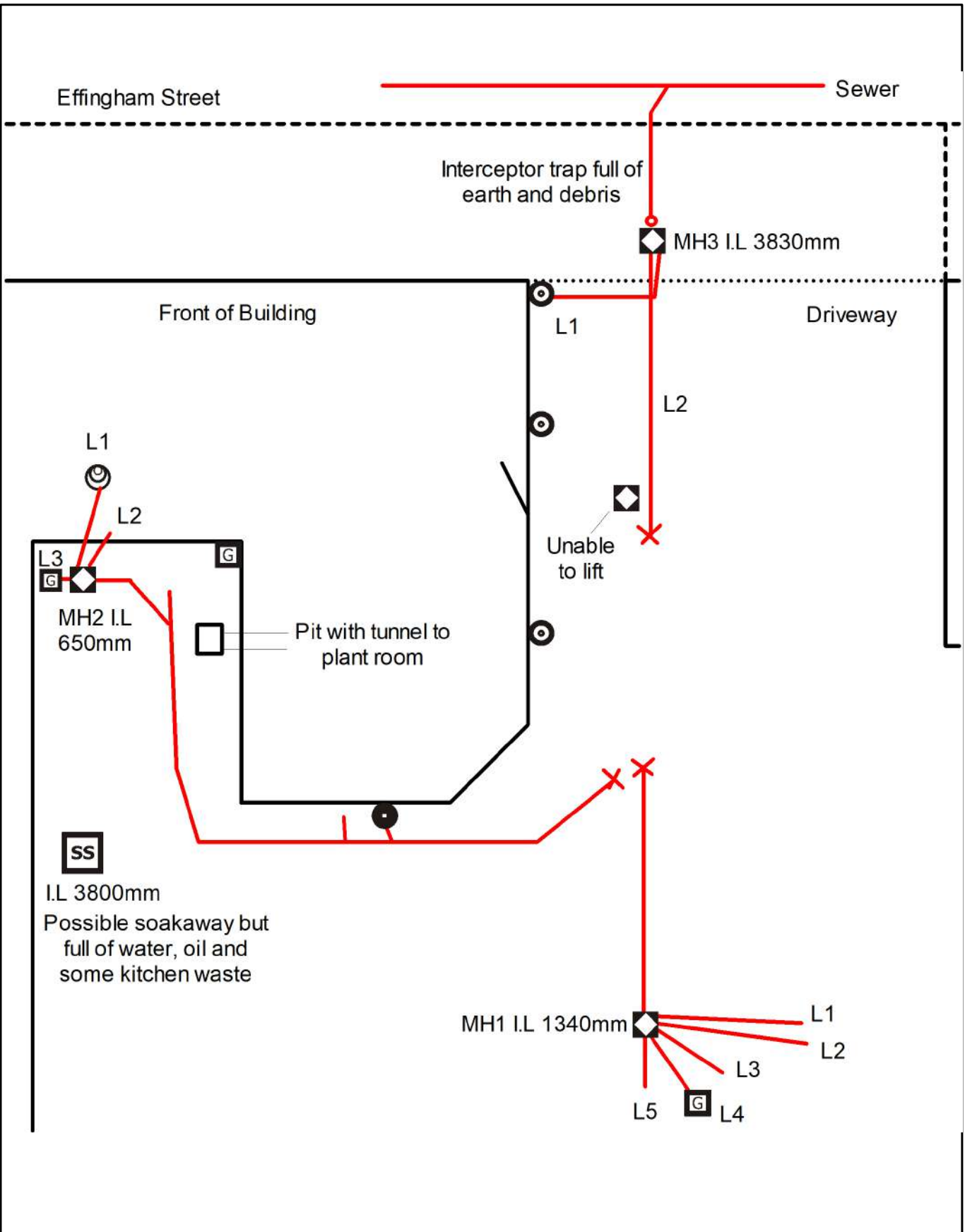
Client: **Ramsgate Town Council**  
Contact Name:  
Department:  
Road: **The Custom House, Harbour Parade**  
Town: **Ramsgate**  
County: **Kent, CT11 8LP**  
Telephone:  
Fax:  
Mobile:  
E-mail:

Site: **Radford House**  
Contact Name:  
Department:  
Road: **18-20 Effingham Street**  
Town: **Ramsgate**  
County: **Kent, CT11 9AT**  
Telephone:  
Fax:  
Mobile:  
E-mail:

Contractor **BP Drains Ltd**  
Contact Name:  
Department:  
Road: **Unit 11 Invicta Way**  
Town: **Ramsgate**  
County: **Kent, CT12 5FD**  
Telephone: **01843 293040**  
Fax:  
Mobile:  
E-mail: **[office@bpd rainsoutheast.co.uk](mailto:office@bpd rainsoutheast.co.uk)**

## Project-information

|                                                       |                  |           |                      |
|-------------------------------------------------------|------------------|-----------|----------------------|
| Project name :<br>Ramsgate Town Council - Old Fire St | Project Number : | Contact : | Date :<br>07/10/2022 |
|-------------------------------------------------------|------------------|-----------|----------------------|



**Legend of Drawing:**

|                                                                                    |                         |                                                                                   |                    |
|------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|--------------------|
|   | WATER FLOW 1            |  | Tree_Winter        |
|   | Tree_Summer             |  | CESS PIT           |
|   | SOAKAWAY: FOUL WATER    |  | GNDFLWC            |
|   | SURFACE WATER           |  | SYPHON INTERCEPTOR |
|   | PETROL INTERCEPTOR      |  | PIPE RUN           |
|   | RAINWATER PIPE          |  | ROAD GULLY         |
|   | RODDING EYE             |  | SEPTIC TANK        |
|   | SOIL & VENT PIPE        |  | COMBINED           |
|   | SOAKAWAY: SURFACE WATER |  | GULLY              |
|   | W.C.                    |  | PUMP CH            |
|  | FOUL WATER              |                                                                                   |                    |

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>1</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

|                                                    |                                                                                     |                                                                |                                             |                                                    |                        |
|----------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH1 L1 (U/S)</b>   | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH1 L1<br/>1.34</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Surface water<br/><br/>Sample survey to determine asset condition<br/>3.20 m</b> | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                        |

Comment :

**1:50 Position**  
**Depth: 1.34**

**Observation**

**Photo**



| STR no def | STR peak | STR mean | STR total | STR grade | SER no def | SER peak | SER mean | SER total | SER grade |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 1          | 1        | 0.31     | 1         | 1         | 2          | 4        | 1.88     | 6         | 3         |

## Inspection pictures

|                            |                                   |                             |                              |                          |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>1</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|



Photo: 1\_1\_4\_A.jpg  
0.28m, Settled deposits, coarse, 10% cross-sectional area loss, Start



Photo: 1\_1\_7\_A.jpg  
3.07m, Joint displaced, medium

## Inspection pictures

|                            |                                   |                             |                              |                          |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>1</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|



Photo: 1\_1\_10\_A.jpg

3.2m, Survey abandoned - Camera caught on debris at junction

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>2</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

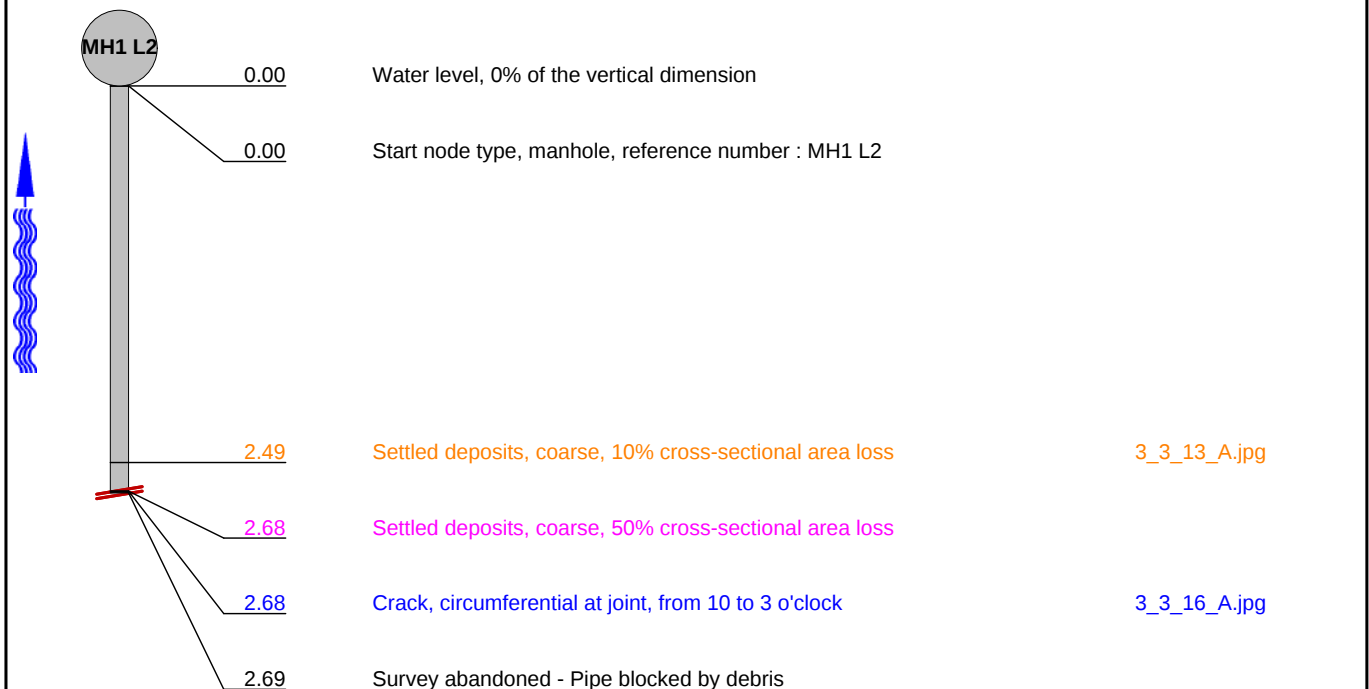
|                                                    |                                                                                     |                                                                |                                             |                                                    |                        |
|----------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH1 L2 (U/S)</b>   | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH1 L2<br/>1.34</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Surface water<br/><br/>Sample survey to determine asset condition<br/>2.69 m</b> | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                        |

Comment :

**1:50 Position**  
**Depth: 1.34**

**Observation**

**Photo**



| STR no def | STR peak | STR mean | STR total | STR grade | SER no def | SER peak | SER mean | SER total | SER grade |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 1          | 10       | 3.73     | 10        | 2         | 2          | 5        | 2.61     | 7         | 4         |

## Inspection pictures

Place :  
**Ramsgate**

Road :  
**Effingham Street**

Date :  
**07/10/2022**

Section number :  
**2**

PLR Suffix :  
**X**



Photo: 3\_3\_13\_A.jpg

2.49m, Settled deposits, coarse, 10% cross-sectional area loss



Photo: 3\_3\_16\_A.jpg

2.68m, Crack, circumferential at joint, from 10 to 3 o'clock

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>3</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

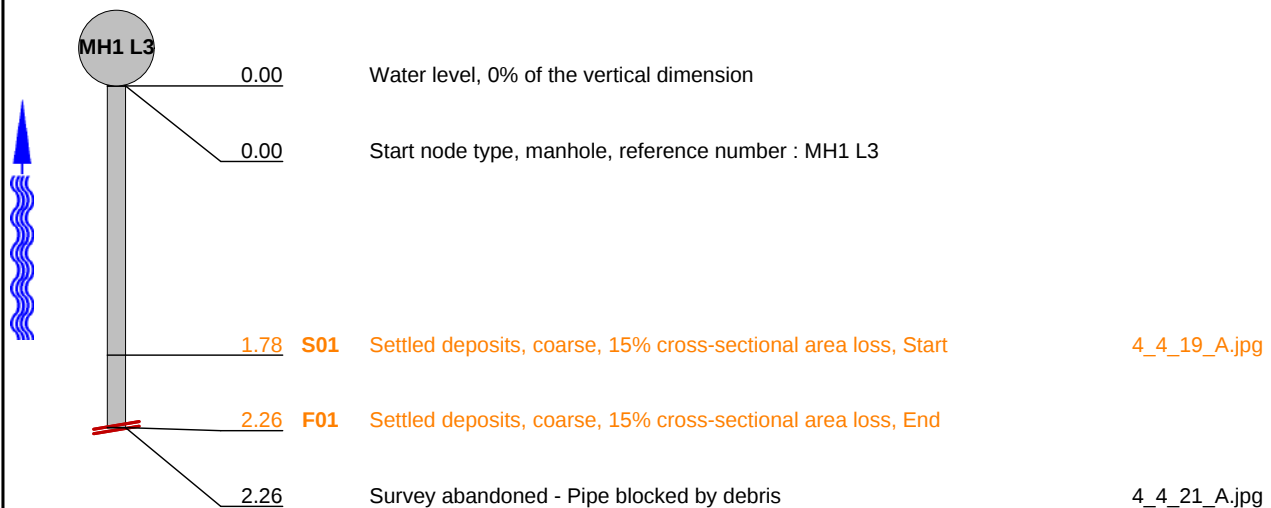
|                                                    |                                                                                     |                                                                |                                             |                                                    |                        |
|----------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH1 L3 (U/S)</b>   | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH1 L3<br/>1.34</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Surface water<br/><br/>Sample survey to determine asset condition<br/>2.26 m</b> | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                        |

Comment :

**1:50 Position**  
**Depth: 1.34**

**Observation**

**Photo**



|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 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         | 1         | 1          | 1        | 0.44     | 1         | 2         |

## Inspection pictures

Place :  
**Ramsgate**

Road :  
**Effingham Street**

Date :  
**07/10/2022**

Section number :  
**3**

PLR Suffix :  
**X**

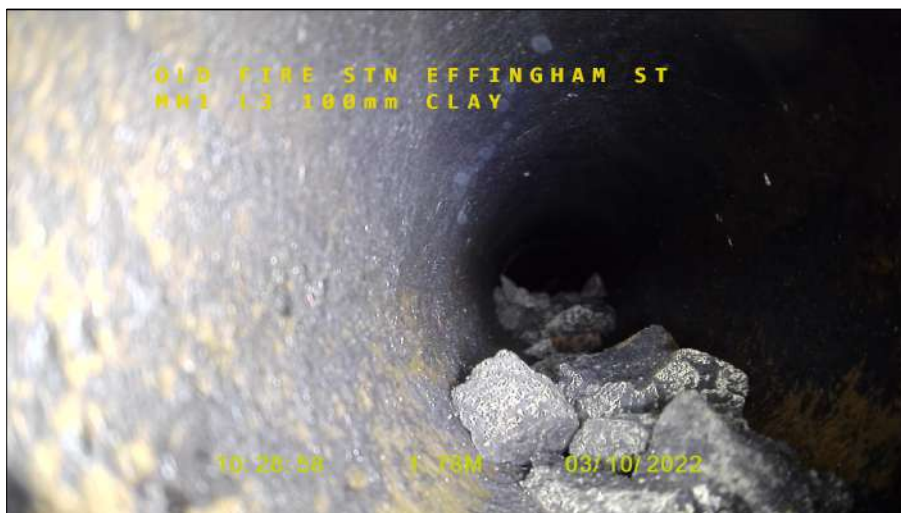


Photo: 4\_4\_19\_A.jpg

1.78m, Settled deposits, coarse, 15% cross-sectional area loss, Start



Photo: 4\_4\_21\_A.jpg

2.26m, Survey abandoned - Pipe blocked by debris

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>4</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

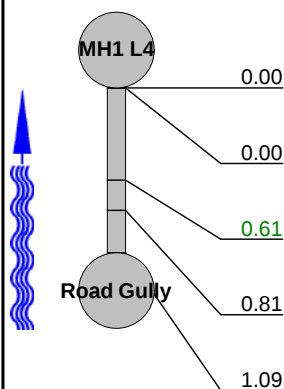
|                                                    |                                                                                              |                                                                |                                             |                                                    |                                       |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|---------------------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH1 L4 (U/S) Road Gully</b> | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>Road Gully<br/>MH1 L4<br/>1.34</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Surface water<br/>Sample survey to determine asset condition<br/>1.09 m</b>               | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                                       |

Comment :

**1:50 Position**  
**Depth: 1.34**

**Observation**

**Photo**



Start node type, manhole, reference number : MH1 L4

Water level, 0% of the vertical dimension

Joint displaced, medium

5\_5\_24\_A.jpg

Line deviates up - Full

Finish node type, gully reference number: Road Gully

**Road Gully**

|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| STR no def | STR peak | STR mean | STR total | STR grade | SER no def | SER peak | SER mean | SER total | SER grade |
| 1          | 1        | 0.92     | 1         | 1         | 0          | 0        | 0        | 0         | 1         |

## Inspection pictures

 Place :  
**Ramsgate**

 Road :  
**Effingham Street**

 Date :  
**07/10/2022**

 Section number :  
**4**

 PLR Suffix :  
**X**


Photo: 5\_5\_24\_A.jpg  
 0.61m, Joint displaced, medium

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>5</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

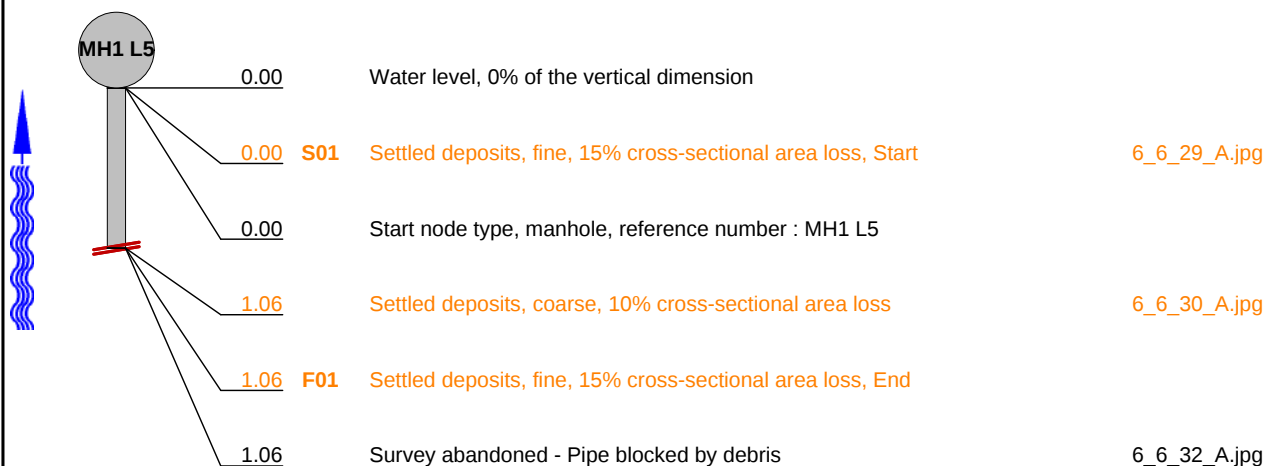
|                                                    |                                                                                     |                                                                |                                             |                                                    |                        |
|----------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH1 L5 (U/S)</b>   | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH1 L5<br/>1.34</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Surface water<br/><br/>Sample survey to determine asset condition<br/>1.06 m</b> | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                        |

Comment :

**1:50 Position**  
**Depth: 1.34**

**Observation**

**Photo**



|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 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         | 1         | 2          | 4        | 3.77     | 4         | 4         |

## Inspection pictures

|                            |                                   |                             |                              |                          |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>5</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|



Photo: 6\_6\_29\_A.jpg

0m, Settled deposits, fine, 15% cross-sectional area loss, Start



Photo: 6\_6\_30\_A.jpg

1.06m, Settled deposits, coarse, 10% cross-sectional area loss

## Inspection pictures

|                            |                                   |                             |                              |                          |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>5</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|



Photo: 6\_6\_32\_A.jpg

1.06m, Survey abandoned - Pipe blocked by debris

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>6</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

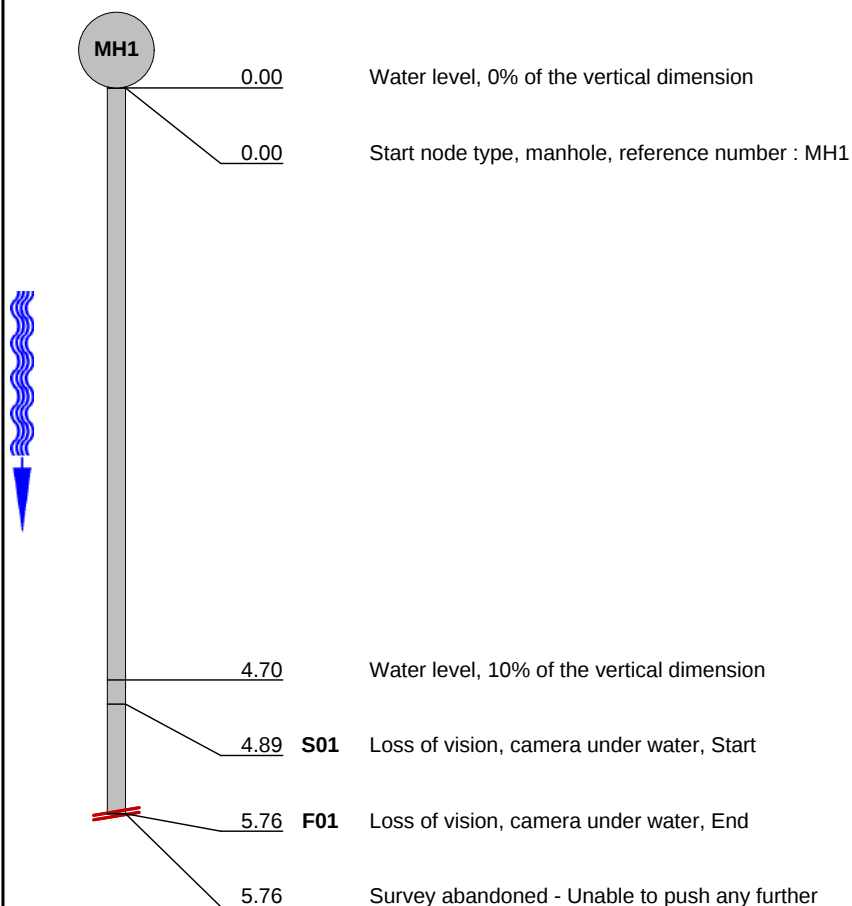
|                                                    |                                                                                     |                                                                |                                             |                                                    |                     |
|----------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|---------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH1 (D/S)</b>      | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH1<br/>1.34</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Surface water<br/><br/>Sample survey to determine asset condition<br/>5.76 m</b> | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                     |

Comment :

**1:60 Position**  
**Depth: 1.34**

**Observation**

**Photo**



7\_7\_35\_A.jpg

|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 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         | 1         | 0          | 0        | 0        | 0         | 1         |

## Inspection pictures

|                            |                                   |                             |                              |                          |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>6</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|



Photo: 7\_7\_35\_A.jpg

4.7m, Water level, 10% of the vertical dimension

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>7</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

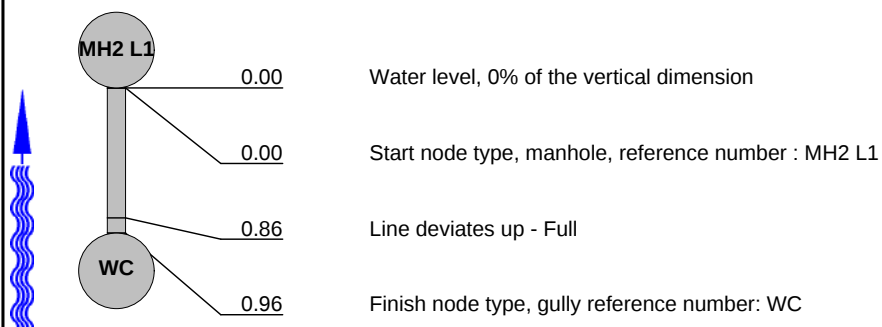
|                                                    |                                                                                      |                                                                |                                             |                                                    |                               |
|----------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|-------------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH2 L1 (U/S) WC</b> | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>WC<br/>MH2 L1<br/>0.65</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Foul<br/>Sample survey to determine asset condition<br/>0.96 m</b>                | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                               |

Comment :

**1:50 Position**  
**Depth: 0.65**

**Observation**

**Photo**



|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 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         | 1         | 0          | 0        | 0        | 0         | 1         |

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>8</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

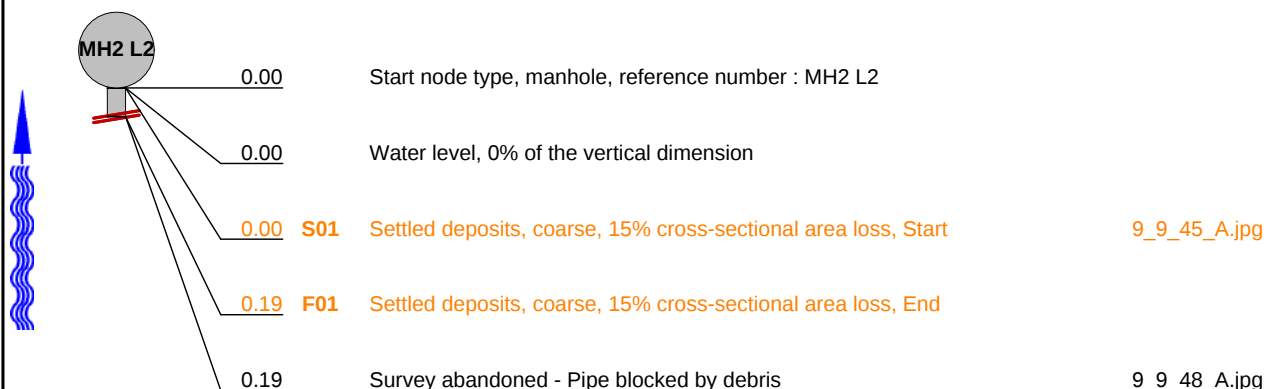
|                                                    |                                                                                   |                                                                |                                             |                                                    |                        |
|----------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH2 L2 (U/S)</b> | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH2 L2<br/>0.65</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Foul<br/><br/>Sample survey to determine asset condition<br/>0.19 m</b>        | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                        |

Comment :

**1:50 Position**  
**Depth: 0.65**

**Observation**

**Photo**



|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 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         | 1         | 1          | 0.2      | 1.05     | 0.2       | 3         |

## Inspection pictures

|                            |                                   |                             |                              |                          |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>8</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|--------------------------|



Photo: 9\_9\_45\_A.jpg

0m, Settled deposits, coarse, 15% cross-sectional area loss, Start



Photo: 9\_9\_48\_A.jpg

0.19m, Survey abandoned - Pipe blocked by debris

## Inspection report

|                                   |              |                |                            |                              |                                               |
|-----------------------------------|--------------|----------------|----------------------------|------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>9</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>       | Type of Drain :<br><b>Gravity drain/sewer</b> |

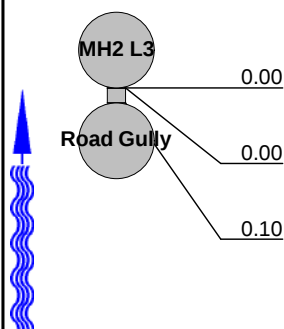
|                                                    |                                                                                              |                                                                |                                             |                                                    |                                            |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|--------------------------------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH2 L3 (U/S) Road Gully</b> | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>Road Gully<br/><br/>MH2 L3<br/>0.65</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Surface water<br/><br/>Sample survey to determine asset condition<br/>0.10 m</b>          | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                                            |

Comment :

**1:50 Position**  
**Depth: 0.65**

**Observation**

**Photo**



Water level, 0% of the vertical dimension

Start node type, manhole, reference number : MH2 L3

Finish node type, gully reference number: Road Gully

10\_10\_51\_A.jpg

|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 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         | 1         | 0          | 0        | 0        | 0         | 1         |

Place :



**BP Drains Ltd**  
Unit 11 Invicta Way  
Ramsgate  
Tel: 01843 293040  
Fax:

Email: office@bpdraainsoutheast.co.uk

## Inspection pictures

Place :  
**Ramsgate**

Road :  
**Effingham Street**

Date :  
**07/10/2022**

Section number :  
**9**

PLR Suffix :  
**X**



Photo: 10\_10\_51\_A.jpg

0.1m, Finish node type, gully reference number: Road Gully

## Inspection report

|                                   |              |                |                            |                               |                                               |
|-----------------------------------|--------------|----------------|----------------------------|-------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>10</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>        | Type of Drain :<br><b>Gravity drain/sewer</b> |

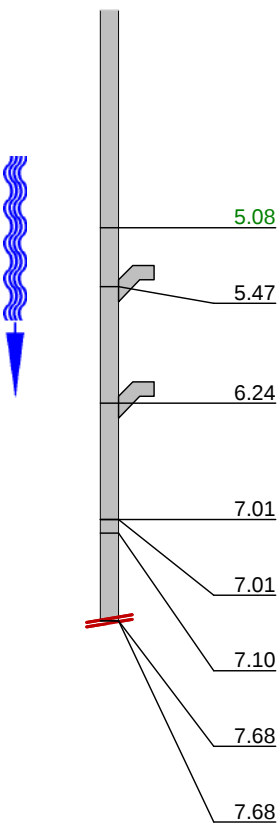
|                                                    |                                                                                |                                                                |                                             |                                                    |                     |
|----------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|---------------------|
| Place :<br>Road :<br>Location<br>Inspection        | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH2 (D/S)</b> | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b>                             | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH2<br/>0.65</b> |
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Combined<br/><br/>Sample survey to determine asset condition<br/>7.68 m</b> | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |                                                    |                     |

Comment :

| 1:50<br>Depth: 0.65 | Position        | Observation                                                                 | Photo          |
|---------------------|-----------------|-----------------------------------------------------------------------------|----------------|
|                     | 0.00            | Start node type, manhole, reference number : MH2                            |                |
|                     | 0.00            | Water level, 0% of the vertical dimension                                   |                |
|                     | 0.00 <b>S01</b> | Settled deposits, hard or compacted, 5% cross-sectional area loss, Start    |                |
|                     | 0.10            | Joint displaced, medium                                                     | 11_11_54_A.jpg |
|                     | 0.20            | Line deviates right - Quarter                                               |                |
|                     | 0.28            | Settled deposits, hard or compacted at joint, 10% cross-sectional area loss | 11_11_57_A.jpg |
|                     | 0.28            | Line deviates down - Quarter                                                |                |
|                     | 0.38 <b>F01</b> | Settled deposits, hard or compacted, 5% cross-sectional area loss, End      |                |
|                     | 1.34            | Joint displaced, medium                                                     | 11_11_59_A.jpg |
|                     | 1.53            | General remark - Enters into another line                                   | 11_11_60_A.jpg |
|                     | 2.01            | Crack, circumferential at joint, from 7 to 12 o'clock                       | 11_11_61_A.jpg |
|                     | 2.20            | Line deviates left - Half                                                   |                |
|                     | 2.68            | Joint displaced, medium                                                     | 11_11_63_A.jpg |
|                     | 3.45            | Line deviates right - Quarter                                               |                |
|                     | 3.64            | Line deviates left - Half                                                   |                |

## Inspection Report

|                                   |              |                                     |                            |                               |                   |
|-----------------------------------|--------------|-------------------------------------|----------------------------|-------------------------------|-------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Weather :<br><b>no rain or snow</b> | Operator :<br><b>Steve</b> | Section number :<br><b>10</b> | PLR :<br><b>X</b> |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :                            | Preset :                   | Cleaned :<br><b>no</b>        | Grade:            |

| 1:50                                                                               | Position | Observation                                                     | Photo          |
|------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------|----------------|
|  | 5.08     | Joint displaced, medium                                         | 11_11_68_A.jpg |
|                                                                                    | 5.47     | Junction, at 10 o'clock, diameter 100mm                         |                |
|                                                                                    | 6.24     | Junction, at 11 o'clock, diameter 100mm                         |                |
|                                                                                    | 7.01     | Water level, 30% of the vertical dimension                      | 11_11_71_A.jpg |
|                                                                                    | 7.01     | Line deviates left - Quarter                                    |                |
|                                                                                    | 7.10     | <b>S02</b> Loss of vision, camera under water, Start            |                |
|                                                                                    | 7.68     | <b>F02</b> Loss of vision, camera under water, End              |                |
|                                                                                    | 7.68     | Survey abandoned - Unable to push any further, possibly blocked |                |

| STR no def | STR peak | STR mean | STR total | STR grade | SER no def | SER peak | SER mean | SER total | SER grade |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 5          | 10       | 1.82     | 14        | 2         | 2          | 2.3      | 0.3      | 2.3       | 3         |

## Inspection pictures

 Place :  
**Ramsgate**

 Road :  
**Effingham Street**

 Date :  
**07/10/2022**

 Section number :  
**10**

 PLR Suffix :  
**X**


Photo: 11\_11\_54\_A.jpg  
 0.1m, Joint displaced, medium



Photo: 11\_11\_57\_A.jpg  
 0.28m, Settled deposits, hard or compacted at joint, 10% cross-sectional area loss

## Inspection pictures

|                            |                                   |                             |                               |                          |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>10</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|



Photo: 11\_11\_59\_A.jpg  
1.34m, Joint displaced, medium



Photo: 11\_11\_60\_A.jpg  
1.53m, General remark - Enters into another line

## Inspection pictures

Place :  
**Ramsgate**

Road :  
**Effingham Street**

Date :  
**07/10/2022**

Section number :  
**10**

PLR Suffix :  
**X**



Photo: 11\_11\_61\_A.jpg  
2.01m, Crack, circumferential at joint, from 7 to 12 o'clock



Photo: 11\_11\_63\_A.jpg  
2.68m, Joint displaced, medium

## Inspection pictures

Place :  
**Ramsgate**

Road :  
**Effingham Street**

Date :  
**07/10/2022**

Section number :  
**10**

PLR Suffix :  
**X**



Photo: 11\_11\_68\_A.jpg  
5.08m, Joint displaced, medium



Photo: 11\_11\_71\_A.jpg  
7.01m, Water level, 30% of the vertical dimension

|                                   |              |                |                            |                               |                                               |
|-----------------------------------|--------------|----------------|----------------------------|-------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>11</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>        | Type of Drain :<br><b>Gravity drain/sewer</b> |

|                |                                                   |                              |                    |               |
|----------------|---------------------------------------------------|------------------------------|--------------------|---------------|
| Place :        | <b>Ramsgate</b>                                   | Location details:            | U/S MH :           | <b>RWP</b>    |
| Road :         | <b>Effingham Street</b>                           | Catchment:                   | U/S Depth :        |               |
| Location       | <b>Property with buildings</b>                    | Pipe Shape : <b>Circular</b> | D/S MH :           | <b>MH3 L1</b> |
| Inspection     | <b>MH3 L1 (U/S) RWP</b>                           | Pipe Length                  | D/S Depth :        | <b>3.83</b>   |
| Use:           | <b>Surface water</b>                              | Pipe Width :                 | <b>100 mm</b>      |               |
| Year laid :    |                                                   | Pipe Diameter :              | <b>100 mm</b>      |               |
| Purpose :      | <b>Sample survey to determine asset condition</b> | Pipe material :              | <b>Pitch fibre</b> |               |
| Total length : | <b>2.97 m</b>                                     | Lining :                     |                    |               |

Comment : **Enters chamber at a high level**



| STR no def | STR peak | STR mean | STR total | STR grade | SER no def | SER peak | SER mean | SER total | SER grade |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| 1          | 2        | 0.67     | 2         | 1         | 2          | 1        | 0.47     | 1.4       | 2         |

## Inspection pictures

 Place :  
**Ramsgate**

 Road :  
**Effingham Street**

 Date :  
**07/10/2022**

 Section number :  
**11**

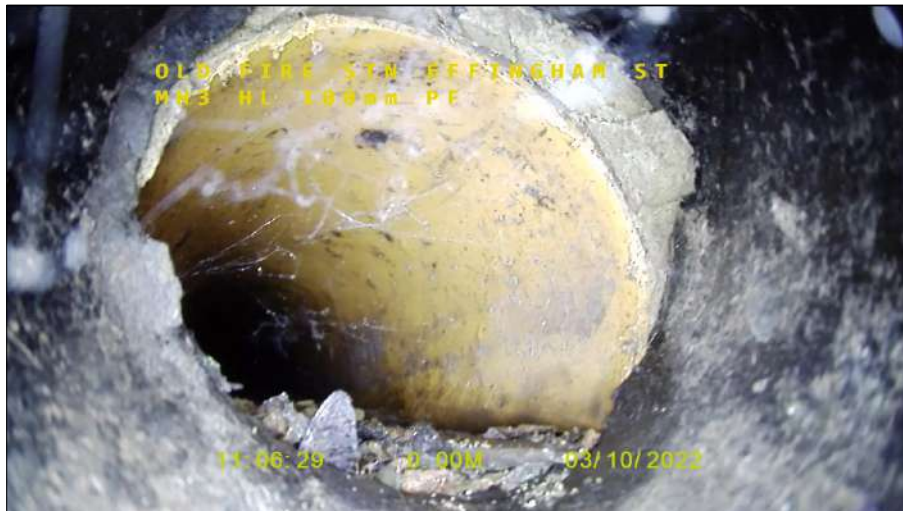
 PLR Suffix :  
**X**


Photo: 12\_12\_79\_A.jpg  
 0.2m, Joint displaced, large



Photo: 12\_12\_83\_A.jpg  
 0.67m, Roots, fine at joint

## Inspection pictures

Place :  
**Ramsgate**

Road :  
**Effingham Street**

Date :  
**07/10/2022**

Section number :  
**11**

PLR Suffix :  
**X**



Photo: 12\_12\_86\_A.jpg  
2.97m, Finish node type, gully reference number: RWP

|                                   |              |                |                            |                               |                                               |
|-----------------------------------|--------------|----------------|----------------------------|-------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>12</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>        | Type of Drain :<br><b>Gravity drain/sewer</b> |

|                |                                                   |                              |                         |
|----------------|---------------------------------------------------|------------------------------|-------------------------|
| Place :        | <b>Ramsgate</b>                                   | Location details:            | U/S MH :                |
| Road :         | <b>Effingham Street</b>                           | Catchment:                   | U/S Depth :             |
| Location       | <b>Property with buildings</b>                    | Pipe Shape : <b>Circular</b> | D/S MH : <b>MH3 L2</b>  |
| Inspection     | <b>MH3 L2 (U/S)</b>                               | Pipe Length                  | D/S Depth : <b>3.83</b> |
| Use:           | <b>Combined</b>                                   | Pipe Width :                 | <b>100 mm</b>           |
| Year laid :    |                                                   | Pipe Diameter :              | <b>100 mm</b>           |
| Purpose :      | <b>Sample survey to determine asset condition</b> | Pipe material :              | <b>Vitrified clay</b>   |
| Total length : | <b>10.19 m</b>                                    | Lining :                     |                         |

| 1:90 | Position | Observation                                             | Photo          |
|------|----------|---------------------------------------------------------|----------------|
|      | 0.00     | Water level, 0% of the vertical dimension               |                |
|      | 0.00     | Start node type, manhole, reference number : MH3 L2     |                |
|      | 7.01     | Settled deposits, coarse, 30% cross-sectional area loss | 13_13_90_A.jpg |
|      | 9.09     | Settled deposits, coarse, 50% cross-sectional area loss | 13_13_91_A.jpg |
|      | 10.19    | Survey abandoned - Blocked by debris                    | 13_13_92_A.jpg |

| 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         | 1         | 2          | 5        | 0.77     | 7         | 4         |

## Inspection pictures

|                            |                                   |                             |                               |                          |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>12</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|



Photo: 13\_13\_90\_A.jpg  
7.01m, Settled deposits, coarse, 30% cross-sectional area loss

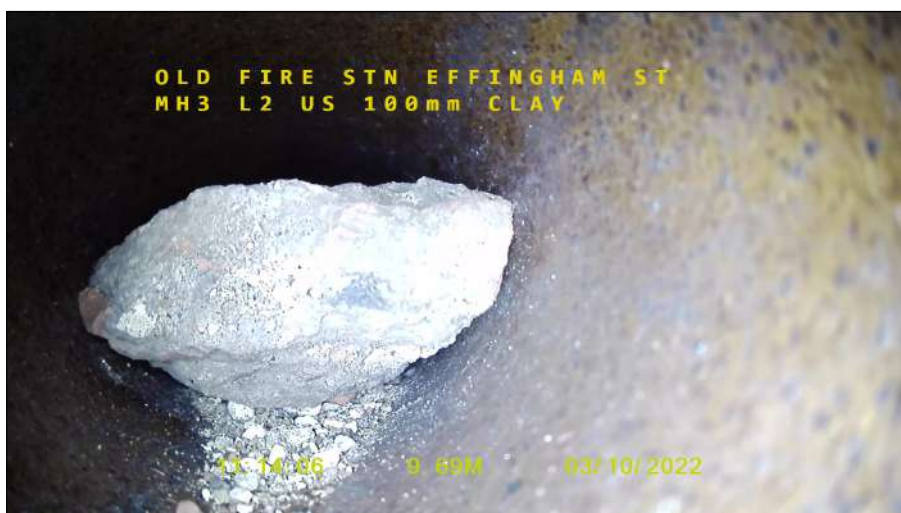


Photo: 13\_13\_91\_A.jpg  
9.09m, Settled deposits, coarse, 50% cross-sectional area loss

## Inspection pictures

 Place :  
**Ramsgate**

 Road :  
**Effingham Street**

 Date :  
**07/10/2022**

 Section number :  
**12**

 PLR Suffix :  
**X**


Photo: 13\_13\_92\_A.jpg

10.19m, Survey abandoned - Blocked by debris

## Inspection report

|                                   |              |                |                            |                               |                                               |
|-----------------------------------|--------------|----------------|----------------------------|-------------------------------|-----------------------------------------------|
| Date :<br><b>07/10/2022</b>       | Job number : | Section Type : | Operator :<br><b>Steve</b> | Section number :<br><b>13</b> | PLR SUFFIX:<br><b>X</b>                       |
| Weather<br><b>no rain or snow</b> | Vehicle :    | Camera :       | Preset :                   | Cleaned :<br><b>no</b>        | Type of Drain :<br><b>Gravity drain/sewer</b> |

|                                             |                                                                                      |                                                                |                 |                                                    |                               |
|---------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------|----------------------------------------------------|-------------------------------|
| Place :<br>Road :<br>Location<br>Inspection | <b>Ramsgate<br/>Effingham Street<br/>Property with buildings<br/>MH3 (D/S) Sewer</b> | Location details:<br>Catchment:<br>Pipe Shape :<br>Pipe Length | <b>Circular</b> | U/S MH :<br>U/S Depth :<br>D/S MH :<br>D/S Depth : | <b>MH3<br/>3.38<br/>Sewer</b> |
|---------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------|----------------------------------------------------|-------------------------------|

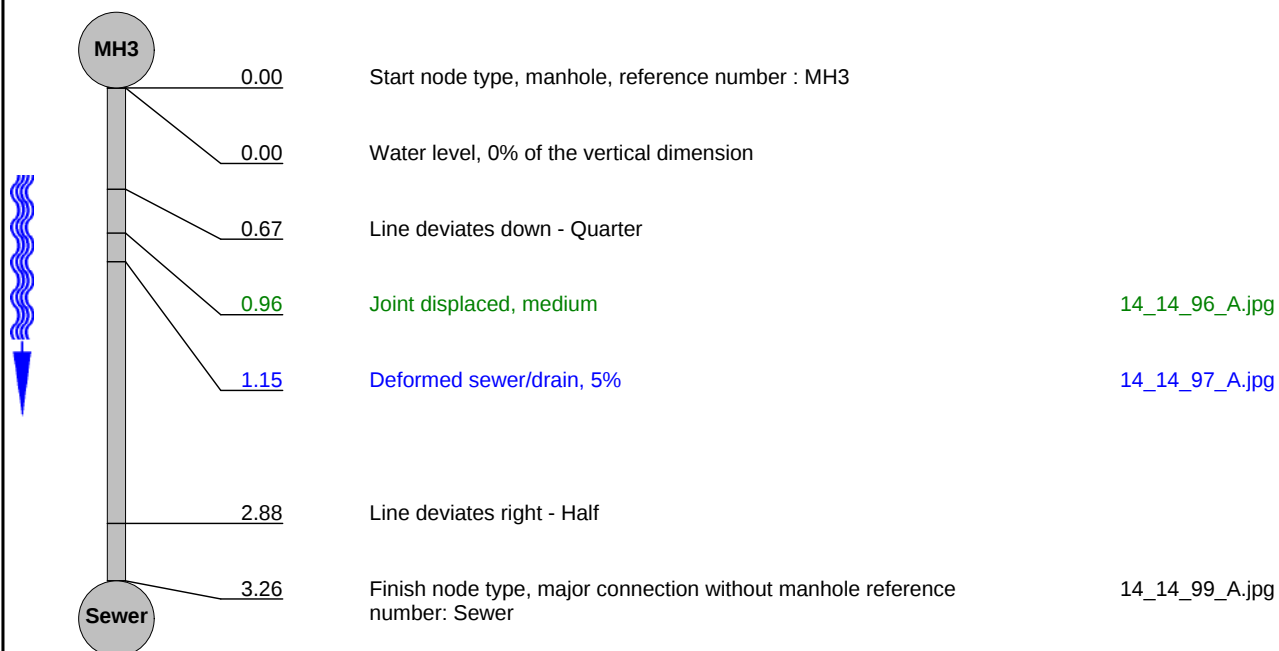
|                                                    |                                                                                |                                                                |                                             |
|----------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|
| Use:<br>Year laid :<br>Purpose :<br>Total length : | <b>Combined<br/><br/>Sample survey to determine asset condition<br/>3.26 m</b> | Pipe Width :<br>Pipe Diameter :<br>Pipe material :<br>Lining : | <b>100 mm<br/>100 mm<br/>Vitrified clay</b> |
|----------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|

|           |                                             |
|-----------|---------------------------------------------|
| Comment : | <b>Surveyed via interceptor rodding eye</b> |
|-----------|---------------------------------------------|

**1:50 Position**  
**Depth: 3.38**

**Observation**

**Photo**



|            |          |          |           |           |            |          |          |           |           |
|------------|----------|----------|-----------|-----------|------------|----------|----------|-----------|-----------|
| STR no def | STR peak | STR mean | STR total | STR grade | SER no def | SER peak | SER mean | SER total | SER grade |
| 2          | 20       | 6.44     | 21        | 2         | 0          | 0        | 0        | 0         | 1         |

## Inspection pictures

|                            |                                   |                             |                               |                          |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>13</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|



Photo: 14\_14\_96\_A.jpg  
0.96m, Joint displaced, medium



Photo: 14\_14\_97\_A.jpg  
1.15m, Deformed sewer/drain, 5%

## Inspection pictures

|                            |                                   |                             |                               |                          |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|
| Place :<br><b>Ramsgate</b> | Road :<br><b>Effingham Street</b> | Date :<br><b>07/10/2022</b> | Section number :<br><b>13</b> | PLR Suffix :<br><b>X</b> |
|----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|



Photo: 14\_14\_99\_A.jpg

3.26m, Finish node type, major connection without manhole reference number: Sewer