

CCTV DRAIN SURVEY REPORT

Client: **XXXXXX XXXXXX**

Site Address: **157 High Street – London**

Reference: **XXXXX**

Date of Survey: **22nd September 2014**

Pipe Diameter: **Side entries 100mm & Main line 150mm**

Pipe Material: **Vitrified Clay / PVC / Ceramic / Cast Iron**

Invert: **1.55 metres max**

Result of Drain Camera Survey undertaken on combined and surface water sewer and recommendations at above address;

1) I/C 1 running upstream to Kitchen – ;

- Pipe found with attached deposits of fat and grease (DEG) and longitudinal crack (CL) on elbow (see image 1, plan and DVD 1; minutes **00.00** to **04.26**).

2) I/C 1 running downstream to I/C 2 – ;

- Pipe found with attached deposits of fat and grease (DEG), circumferential cracks (CC), displaced joints (JDM), (see images 2, 3, 4, 5, 6, plan and DVD 1; minutes **04.28** to **15.42**).

3) I/C 2 running upstream to 1 – ;

- Pipe found with circumferential crack (CC) (see image 7, plan and DVD 2; minutes **00.00** to **01.07**).

4) I/C 2 running downstream to I/C 3 – ;

- Pipe found with attached deposits of fat and grease (DEG) (see plan and DVD 2; minutes **01.09** to **01.39**).

5) I/C 3 running downstream to Main I/C – ;

- Pipe found with attached deposits of fat and grease (DEG) (see plan and DVD 3; minutes **00.00** to **01.55**).

6) I/C 4 running downstream to Main I/C – ;

- Pipe found with settled deposits (DES) (see plan and DVD 4; minutes **00.00** to **03.14**).



7) I/C 4 running upstream to **Gully 2** – ;

- Pipe in good condition (see plan and DVD 4; minutes **03.15** to **04.23**).

8) I/C 4 running upstream to **I/C 5 & I/C 6** – ;

- Pipe in good condition (see plan and DVD 4; minutes **04.24** to **08.13**).

9) I/C 7 running downstream to **Rear Car Park Area** – ;

- Pipe found with settled deposits (DES) - Survey Aborted (see image 8 plan and DVD 5; minutes **00.00** to **01.57**).

10) I/C 7 running upstream to **8** – ;

- Pipe found with settled deposits (DES) - Survey Aborted (see image 9, plan and DVD 5; minutes **01.58** to **02.12**).

11) I/C 7 running upstream to **9** – ;

- Pipe found with settled deposits (DES) - Survey Aborted (see image 10, plan and DVD 5; minutes **02.13** to **03.50**).

12) I/C 7 running upstream to **Capped** – ;

- Pipe found with settled deposits (DES) and capped (see image 11, plan and DVD 5; minutes **03.51** to **04.31**).

13) I/C 7 running upstream to **Culvert** – ;

- Pipe found with settled deposits (DES) (see plan and DVD 6; minutes **00.00** to **00.25**).

Observations:

- No rodding eye cap found in place.
- I/C 5 and I/C 6 - side entries not surveyed due to tiled covers found internally and in risk of breakage.
- Side entries from Gully 1, 2, 3, 4, 5 and 6 not surveyed due to no access.

- Sewer found to be a Section 24, Thames Water responsibility from I/C 2, downstream to the Main I/C. Shared with pub next door and both properties built before 1937.
- I/C 7 found to be a Section 24, Thames Water responsibility. Shared with pub next door and both properties built before 1937. Running in the direction of the rear car park and believed to be a surface water drain.

Recommendations:

- A high-pressure water drain clean is required to eliminate all fat and grease deposits.
- A further CCTV drain survey should be carried out in two years to reassess the cracks and displaced joints.

Note: To ignore the above recommendations could result in recurring blockages, possible structural damage to the surrounding area due to seepage or flooding, or even a collapsed drain.

Date: 22nd September 2014

Approved by:



Manuel Santana

Managing Director

manuelsantana@citydrains.com