

CCTV DRAIN SURVEY REPORT

Client: **XXXXX XXXXX**

Site Address: **Hornsey Road – London**

Reference: **XXXXX**

Date of Survey: **12th September 2014**

Pipe Diameter: **100mm & 150mm**

Pipe Material: **Vitrified Clay**

Invert: **1.58 metres max**

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

1) Main I/C running downstream to Public Sewer – ;

- Pipe found with longitudinal fracture (FL) and attached deposits (DEE) (see images 2, 3, plan and DVD 1; minutes **00.00** to **09.20**).

2) Main I/C running upstream to I/C 1 & I/C 2 – ;

- Pipe found with multiple longitudinal fractures (FL), a large hole (H), pipe deformed (D), displaced joint (JDM) (see images 5, 6, 8 plan and DVD 1; minutes **09.22** to **33.29** and DVD 2; minutes **12.20** to **14.07**).

3) I/C 2 running upstream to 1 – ;

- Pipe in good condition (see plan and DVD 2; minutes **00.00** to **03.06**).

4) I/C 2 running upstream to I/C 4 – ;

- Pipe found with various circumferential cracks (CC) (see images 9, 10, 11, 12, 13, plan and DVD 2; minutes **03.07** to **07.14**).

5) I/C 2 running upstream to I/C 3 – ;

- Pipe in good condition (see plan and DVD 3; minutes **07.15** to **08.11**).

6) I/C 2 running downstream to I/C 1 & Main I/C – ;

- Pipe found with multiple longitudinal fractures (FL), a large hole (H), pipe deformed (D), displaced joint (JDM) (see images 5, 6, 8 plan and DVD 2; minutes **08.15** to **40.56**).



Observations:

- Main I/C trap broken (see images 1 and 14)
- No rodding eye cap found in place; a temporary one has been installed
- Side connections in I/C 1, I/C 3, I/C 4, 2, 3 & 4 not surveyed
- Sections found with displaced joints, cracks, fractures and holes (broken pipework) due to ground movement / vibrations

Recommendations:

- Drain relining required from the Main I/C downstream to public sewer
- Excavation required to replace the broken Main I/C trap and deformed pipework (upstream, from Main I/C, 1.5 metres approximately)
- Drain relining required from the excavated deformed pipe, upstream to basement gully
- Drain relining required from I/C 2 upstream to I/C 4

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: 12th September 2014

Approved by:



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