

Project-information / Inspection: 1

Project name :
PTA Havant Survey 2

Project Number :

Contact :

Date :
17/10/2019

Client: **PTA**
Contact Name: **Simon Lea-Wilson**
Department:
Road: **29 Red Lion Street**
Town: **Chesham**
County: **HP5 1EJ**
Telephone:
Fax:
Mobile:
E-mail:

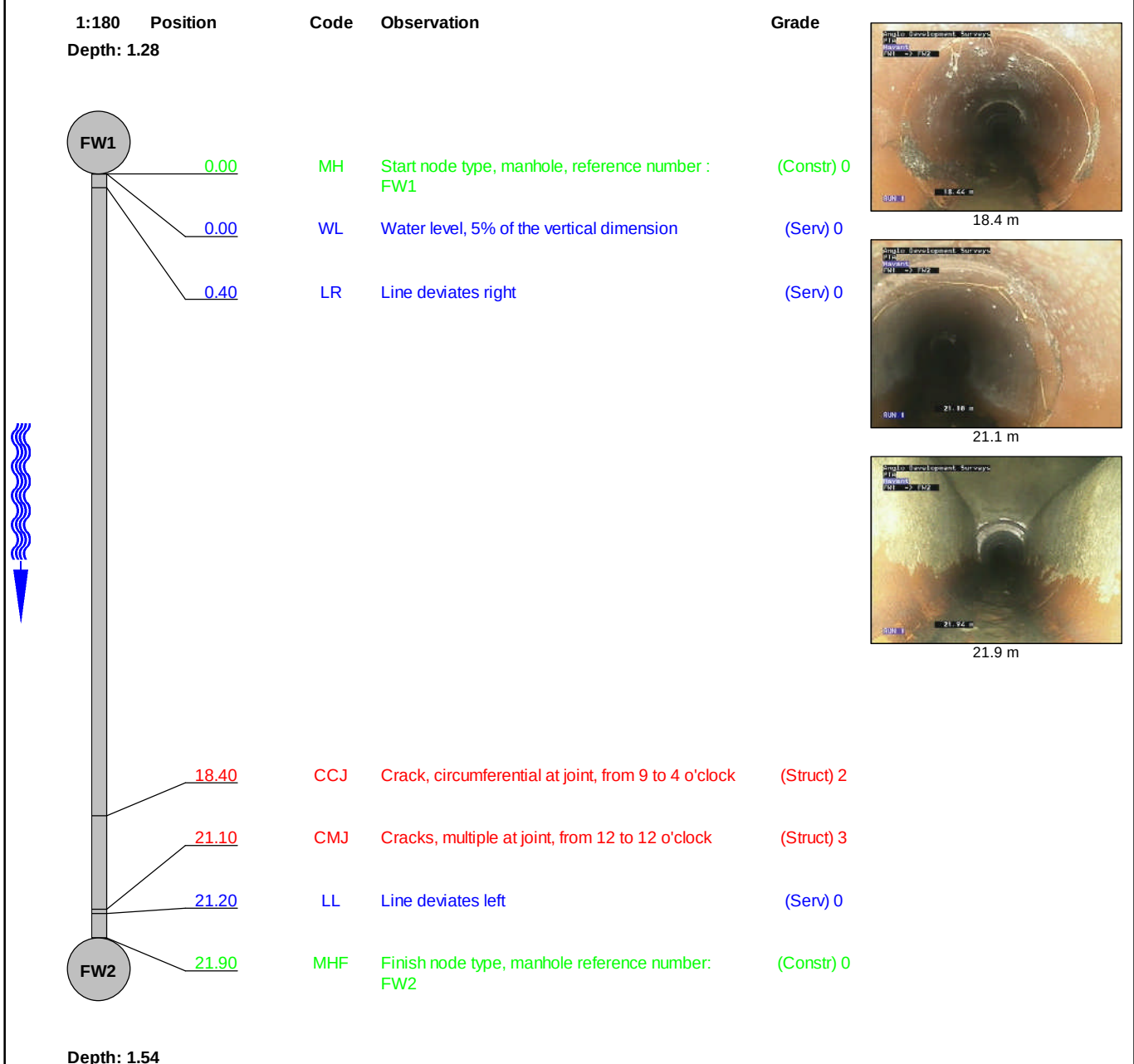
Site: **Pre Development**
Contact Name:
Department:
Road: **New Lane**
Town: **Havant**
County: **Hampshire**
Telephone:
Fax:
Mobile:
E-mail:

Contractor **Anglo Development Surveys**
Contact Name:
Department:
Road: **Bradfield Road**
Town: **Wix**
County: **Essex**
Telephone: **01255 870483**
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E-mail: **anglosurveys@btinternet.com**

Date : 17/10/2019	Job number :	Weather : rain	Operator : Mark	Section number : 1	PLR SUFFIX: X
Weather rain	Vehicle : Transit	Camera : camera 2	Preset :	Cleaned : no	Operator : Mark

Place :	Havant	Location details:	U/S MH :	FW1
Road :	New Lane	Catchment:	U/S Depth :	1.28
Location	Property with buildings	Tape number :	D/S MH :	FW2
Inspection	FW1 (D/S) FW2	Pipe Length	D/S Depth :	1.54
Use:	Foul	Pipe shape :	Circular	
Year laid :		Pipe size :	150 mm	
Purpose :	Sample survey to determine asset condition	Pipe material :	Vitrified clay	
Total length :	21.90 m	Lining :		

Comment :



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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 / Inspection: 1

Place :
Havant

Road :
New Lane

Date :
17/10/2019

Section number :
1

PLR Suffix :
X



Photo: 1_1_5_A.JPG
18.4m, Crack, circumferential at joint, from 9 to 4 o'clock



Photo: 1_1_7_A.JPG
21.1m, Cracks, multiple at joint, from 12 to 12 o'clock



Photo: 1_1_8_A.JPG
21.9m, Finish node type, manhole reference number: FW2

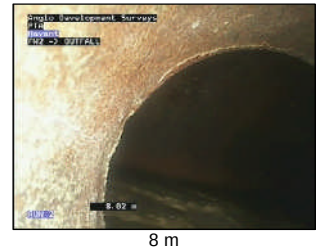
Inspection report / Inspection: 1

Date : 17/10/2019	Job number :	Weather : rain	Operator : Mark	Section number : 2	PLR SUFFIX: X
Weather rain	Vehicle : Transit	Camera : camera 2	Preset :	Cleaned : no	Operator : Mark

Place : Road : Location Inspection	Havant New Lane Property with buildings FW2 (D/S) OUTFALL	Location details: Catchment: Tape number : Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	FW2 1.54 OUTFALL
Use: Year laid : Purpose : Total length :	Foul Sample survey to determine asset condition 8.00 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay	

Comment :

1:75 Position Depth: 1.54	Code	Observation	Grade
	MH	Start node type, manhole, reference number : FW2	(Constr) 0
	WL	Water level, 5% of the vertical dimension	(Serv) 0
	CCJ	Crack, circumferential at joint, from 12 to 12 o'clock	(Struct) 2
	LR	Line deviates right	(Serv) 0
	OFF	Finish node type, outfall reference number: OUTFALL	(Constr) 0



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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 / Inspection: 1

Place :
Havant

Road :
New Lane

Date :
17/10/2019

Section number :
2

PLR Suffix :
X



Photo: 3_3_11_A.JPG
3.2m, Crack, circumferential at joint, from 12 to 12 o'clock



Photo: 3_3_12_A.JPG
7.5m, Line deviates right



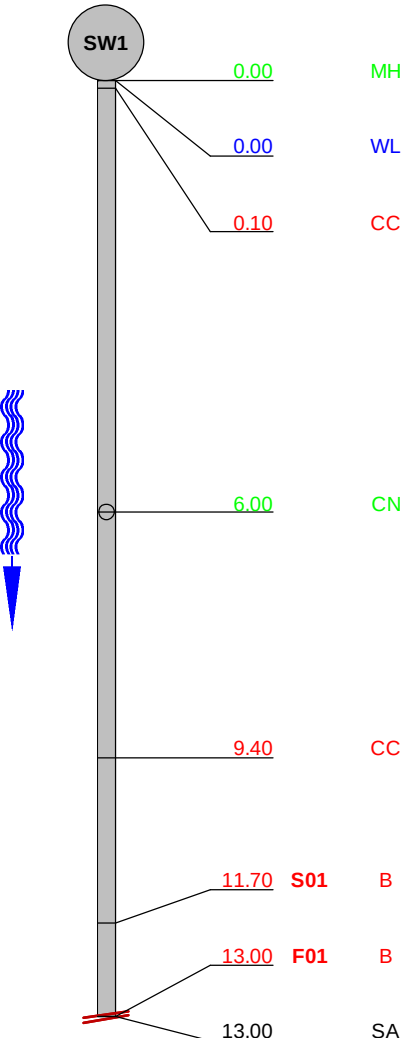
Photo: 3_3_13_A.JPG
8m, Finish node type, outfall reference number: OUTFALL

Inspection report / Inspection: 1

Date : 17/10/2019	Job number :	Weather : rain	Operator : Mark	Section number : 3	PLR SUFFIX: X
Weather rain	Vehicle : Transit	Camera : camera 2	Preset :	Cleaned : no	Operator : Mark

Place : Road : Location Inspection	Havant New Lane Property with buildings SW1 (D/S) SW2	Location details: Catchment: Tape number : Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	SW1 1 SW2 0.88
Use: Year laid : Purpose : Total length :	Surface water Sample survey to determine asset condition 13.00 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay	

Comment :

1:105 Depth: 1	Position	Code	Observation	Grade
				
0.00	MH		Start node type, manhole, reference number : SW1	(Constr) 0
0.00	WL		Water level, 10% of the vertical dimension Remarks: LIVE	(Serv) 0
0.10	CC		Crack, circumferential, from 12 to 12 o'clock	(Struct) 2
6.00	CN		Connection other than junction, at 12 o'clock, diameter 100mm	(Constr) 0
9.40	CC		Crack, circumferential, from 12 to 12 o'clock	(Struct) 2
11.70 S01	B		Broken pipe, from 12 to 12 o'clock, Start	(Struct) 4
13.00 F01	B		Broken pipe, from 12 to 12 o'clock, End	(Struct) 4
13.00	SA		Survey abandoned Remarks: Camera will not pass deformed pipe	(Misc) 0



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
3	90	9.54	124	4	0	0	0	0	1

Inspection pictures / Inspection: 1

Place : Havant	Road : New Lane	Date : 17/10/2019	Section number : 3	PLR Suffix : X
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Photo: 4_4_18_A.JPG
9.4m, Crack, circumferential, from 12 to 12 o'clock



Photo: 4_4_19_A.JPG
11.7m, Broken pipe, from 12 to 12 o'clock, Start



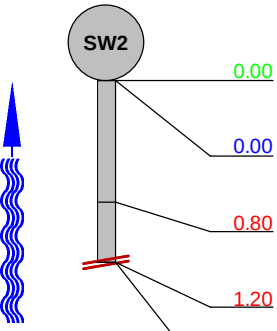
Photo: 4_4_21_A.JPG
13m, Survey abandoned

Inspection report / Inspection: 1

Date : 17/10/2019	Job number :	Weather : rain	Operator : Mark	Section number : 4	PLR SUFFIX: X
Weather rain	Vehicle : Transit	Camera : camera 2	Preset :	Cleaned : no	Operator : Mark

Place : Road : Location Inspection	Havant New Lane Property with buildings SW2 (U/S) SW1	Location details: Catchment: Tape number : Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	SW1 1 SW2 8.75
Use: Year laid : Purpose : Total length :	Surface water Sample survey to determine asset condition 1.20 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay	

Comment :

1:50 Depth: 8.75	Position	Code	Observation	Grade
		MH	Start node type, manhole, reference number : SW2	(Constr) 0
		WL	Water level, 10% of the vertical dimension	(Serv) 0
		S01	Broken pipe, from 12 to 12 o'clock, Start	(Struct) 4
		F01	Broken pipe, from 12 to 12 o'clock, End	(Struct) 4
		SA	Survey abandoned Remarks: Camera will not pass	(Misc) 0



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	32	26.67	32	2	0	0	0	0	1

Place :

Inspection pictures / Inspection: 1

Place :
Havant

Road :
New Lane

Date :
17/10/2019

Section number :
4

PLR Suffix :
X



Photo: 5_5_24_A.JPG
0.8m, Broken pipe, from 12 to 12 o'clock, Start

Inspection report / Inspection: 1

Date : 17/10/2019	Job number :	Weather : rain	Operator : Mark	Section number : 5	PLR SUFFIX: X
Weather rain	Vehicle : Transit	Camera : camera 2	Preset :	Cleaned : no	Operator : Mark

Place : Road : Location Inspection	Havant New Lane Property with buildings SW2 (D/S) OUTFALL	Location details: Catchment: Tape number : Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	SW2 0.88 OUTFALL
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Use: Year laid : Purpose : Total length :	Surface water Sample survey to determine asset condition 3.90 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay
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Comment :

1:50 Depth: 0.88	Position	Code	Observation	Grade
	0.00	MH	Start node type, manhole, reference number : SW2	(Constr) 0
	0.00	WL	Water level, 10% of the vertical dimension	(Serv) 0
	0.20	WL	Water level, 50% of the vertical dimension	(Serv) 0
	0.40	S01	CUW Loss of vision, camera under water, Start	(Misc) 0
	3.90	F01	CUW Loss of vision, camera under water, End	(Misc) 0
	3.90	OFF	Finish node type, outfall reference number: OUTFALL	(Constr) 0



0.2 m

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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 :

Inspection pictures / Inspection: 1

Place :
Havant

Road :
New Lane

Date :
17/10/2019

Section number :
5

PLR Suffix :
X



Photo: 6_6_29_A.JPG
0.2m, Water level, 50% of the vertical dimension

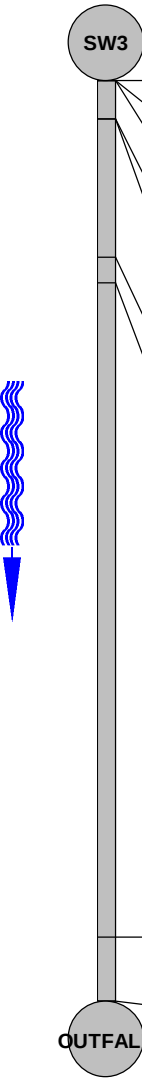
Inspection report / Inspection: 1

Date : 17/10/2019	Job number :	Weather : rain	Operator : Mark	Section number : 6	PLR SUFFIX: X
Weather rain	Vehicle : Transit	Camera : camera 2	Preset :	Cleaned : no	Operator : Mark

Place : Road : Location Inspection	Havant New Lane Property with buildings SW3 (D/S) OUTFALL	Location details: Catchment: Tape number : Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	SW3 0.98 OUTFALL
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Use: Year laid : Purpose : Total length :	Surface water Sample survey to determine asset condition 7.30 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay
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Comment :

1:60 Depth: 0.98	Position	Code	Observation	Grade	
					
0.00	MH		Start node type, manhole, reference number : SW3	(Constr) 0	0.3 m
0.00	WLC		Clear water level, 10% of the vertical dimension	(Serv) 0	
0.00	OFF		Finish node type, outfall reference number: OUTFALL	(Constr) 0	
0.30	S01	FM	Fracture, multiple, from 12 to 12 o'clock, Start	(Struct) 4	
0.30	S02	RM	Roots, mass, 10% cross-sectional area loss, Start	(Serv) 3	6.8 m
1.40	F02	RM	Roots, mass, 10% cross-sectional area loss, End	(Serv) 3	
1.60	F01	FM	Fracture, multiple, from 12 to 12 o'clock, End	(Struct) 4	
					7.3 m
6.80	CC		Crack, circumferential, from 12 to 12 o'clock	(Struct) 2	
7.30	MHF		Finish node type, manhole reference number: OUTFALL Remarks: BURIED	(Constr) 0	

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	80	15.62	114	4	1	4	0.6	4.4	3

Place :

Inspection pictures / Inspection: 1

Place :
Havant

Road :
New Lane

Date :
17/10/2019

Section number :
6

PLR Suffix :
X



Photo: 7_7_35_A.JPG
0.3m, Fracture, multiple, from 12 to 12 o'clock, Start

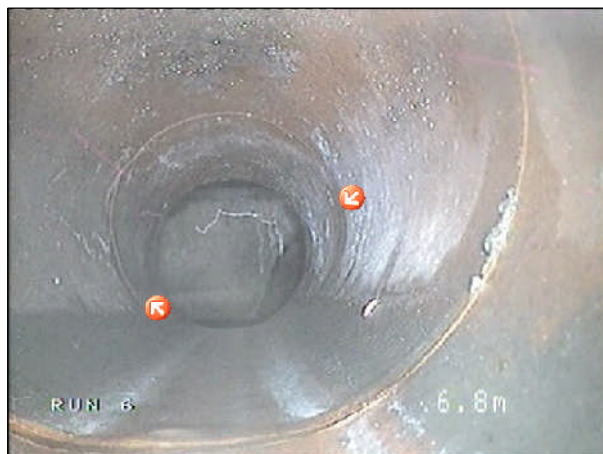


Photo: 7_7_39_A.JPG
6.8m, Crack, circumferential, from 12 to 12 o'clock



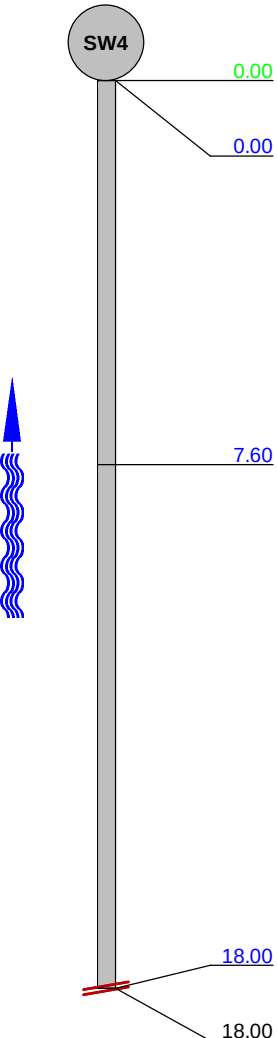
Photo: 7_7_41_A.JPG
7.3m, Finish node type, manhole reference number: OUTFALL

Inspection report / Inspection: 1

Date : 17/10/2019	Job number :	Weather : rain	Operator : Mark	Section number : 7	PLR SUFFIX: X
Weather rain	Vehicle : Transit	Camera : camera 2	Preset :	Cleaned : no	Operator : Mark

Place : Road : Location Inspection	Havant New Lane Property with buildings SW4 (U/S) SW1	Location details: Catchment: Tape number : Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	SW1 SW4 0.55
Use: Year laid : Purpose : Total length :	Surface water Sample survey to determine asset condition 18.00 m	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay	

Comment :

1:150 Depth: 0.55	Position	Code	Observation	Grade
				
0.00	MH		Start node type, manhole, reference number : SW4	(Constr) 0
0.00	WL		Water level, 10% of the vertical dimension	(Serv) 0
7.60	S01	DES	Settled deposits, fine, 15% cross-sectional area loss, Start	(Serv) 3
18.00	F01	DES	Settled deposits, fine, 15% cross-sectional area loss, End	(Serv) 3
18.00	SA		Survey abandoned Remarks: Camera will not pass silt	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	2	1.16	20.8	3

PTA

Site: New Lane

Havant

Hants

Summary

17/10/19

All surface water from the above discharges via SW2 , with the exception of x2 canopy downpipes which enter SW3.

No third party connections located

Sw3 to Outfall will require remedial lining if to be utilised for future development , a budget of £1877+vat should be applied

Sw2 to Outfall under water due to Ditch outlet fully charged due to heavy rain