



Project

Project Name: 14595 BOW LAKE GARDENS

Project Description: CCTV SURVEY OF SURFACE WATER DRAINAGE TO ASCERTAIN IF THE ATTENUATION TANKS HAVE BEEN INSTALLED

Project Number: 14595

Project Status: On Site

Project Date: 13/05/2024

Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)





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**CLEARVIEW SURVEYS LTD**

WOOLSBRIDGE INDUSTRIAL ESTATE, THREE LEGGED CROSS

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GARETHK@CLEARVIEWSURVEYS.CO.UK

Project Information

Project Name	Project Number	Project Date
14595 BOW LAKE GARDENS	14595	13/05/2024

Client

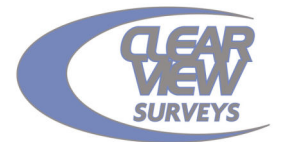
Company: VISTRY HOMES
Contact: THOMAS FREEMAN
Department: 550 ORACLE PARKWAY
Street: THAMES VALLEY PARK
Town or City: READING
Post Code: RG6 1PT
Phone: 01256 674100
Mobile: 07776 999652
Email: THOMAS.FREEMAN@VISTRY.CO.UK

**Site**

Street: BOW LAKE GARDENS
Town or City: BISHOPSTOKE
County: EASTLEIGH
Post Code: SO50 6JH

Contractor

Company: CLEARVIEW SURVEYS LTD
Department: UNIT 301 OLD BARN FARM ROAD
Street: WOOLSBRIDGE INDUSTRIAL ESTATE
Town or City: THREE LEGGED CROSS
County: DORSET
Post Code: BH21 6SP
Phone: 01202828281
Email: GARETHK@CLEARVIEWSURVEYS.CO.UK





Project Information

Project Name	Project Number	Project Date
14595 BOW LAKE GARDENS	14595	13/05/2024

Project Notes

TANK 1 S10 SURVEYED UPSTREAM TO PROVE TANK IS THERE.

IC.3 IS UNDER A CAR SO UNABLE TO SURVEY DOWNSTREAM TO TANK.

TANK 2 S12 SURVEYED UPSTREAM TO PROVE TANK IS THERE.

RE.1 DOES NOT EXIST AND RWPS NEARBY DONT HAVE CAMERA ACCESS.

RE.2 AND RE.3 ARE IN RESIDENTIAL PROPERTY GARDENS AND NEITHER HOME OWNERS WERE IN AT THE TIME OF SURVEY SO NO ACCESS TO SEE IF THESE EXIST.

IC.4 IS ALSO IN A RESIDENTIAL GARDEN AND THE HOME OWNER WAS NOT IN TO GAIN ACCESS TO SURVEY.

TANK 3 S18 SURVEYED UPSTREAM TO PROVE TANK EXISTS.

IC.1 SURVEYED DOWNSTREAM INTO THE TANK AS PLAN SHOWS.

IC.2 SURVEYED DOWNSTREAM IN TO THE TANK AS PLAN SHOWS.

ALL PIPEWORK LEADING TO AND FROM TANK HAS BEEN COMPLETED.

TANK 4 S24 SURVEYED INTO TANK 4 IN HIGHER PIPE, LOWER PIPE IS A HYDROBRAKE AND UNABLE TO SURVEY DUE TO CONFINED SPACE BEING REQUIRED.

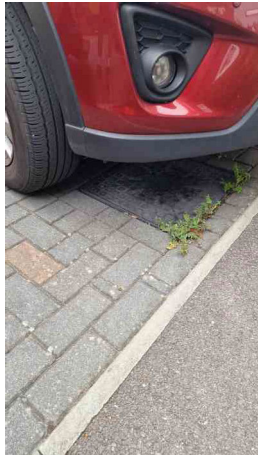
S23A UPSTREAM AND BRANCHES SURVEYED BACK UP TO TANK 4. TANK 5 S24 SURVEYED BOTH HIGH AND LOW PIPE WITHIN CHAMBER THAT GO TO TANK 5.

Site Photos



Project Pictures

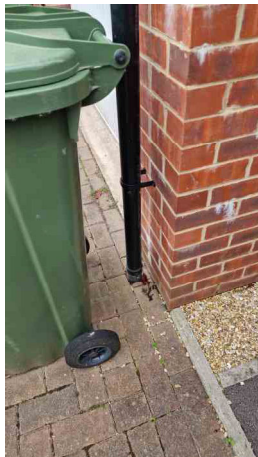
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IC.3 UNDER CAR UNABLE TO SURVEY, HOME OWNER NOT IN_1



Re.1 not visible_081858_1



Rwp next to re.1 no camera access (1)_1



Rwp next to re.1 no camera access _1



S24 UNABLE TO SURVEY THROUGH HYDRO BRAKE CONFINED SPACE REQUIRED_1

**Section Profile****Project Name**
14595 BOW LAKE GARDENS**Project Number**
14595**Project Date**
13/05/2024**Circular, 100 mm**

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
4	IC.1	TANK 3	13/05/2024	BOW LAKE GARDENS	Polyvinyl chloride	2.30 m	2.30 m
5	IC.2	TANK 3	13/05/2024	BOW LAKE GARDENS	Polyvinyl chloride	13.00 m	13.00 m

Total: 2 Inspections x Circular 100 mm, 0 mm = 15.30 m Total Length and 15.30 m Inspected Length**Circular, 150 mm**

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	TANK 2	S12	13/05/2024	BOW LAKE GARDENS	Polyvinyl chloride	1.30 m	1.30 m
6	TANK 5 (A)	S24 (A)	13/05/2024	BOW LAKE GARDENS	Vitrified clay	1.70 m	1.70 m
7	TANK 5 (B)	S24 (B)	13/05/2024	BOW LAKE GARDENS	Vitrified clay	1.90 m	1.90 m
8	S24	TANK 4	13/05/2024	BOW LAKE GARDENS	Vitrified clay	2.00 m	2.00 m
9	TANK 4 (B)	S23A	13/05/2024	BOW LAKE GARDENS	Vitrified clay	4.60 m	4.60 m
10	TANK 4 (A)	S23A	13/05/2024	BOW LAKE GARDENS	Vitrified clay	8.30 m	8.30 m
11	TANK 4 (C)	S23A	13/05/2024	BOW LAKE GARDENS	Vitrified clay	7.50 m	7.50 m

Total: 7 Inspections x Circular 150 mm, 0 mm = 27.30 m Total Length and 27.30 m Inspected Length**Circular, 225 mm**

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
2	TANK 1	S10	13/05/2024	BOW LAKE GARDENS	Polyvinyl chloride	2.20 m	2.20 m
3	TANK 3	S18	13/05/2024	BOW LAKE GARDENS	Vitrified clay	3.00 m	3.00 m

Total: 2 Inspections x Circular 225 mm, 0 mm = 5.20 m Total Length and 5.20 m Inspected Length**Total: 11 Inspections = 47.80 m Total Length and 47.80 m Inspected Length**



Section Inspection - 13/05/2024 - TANK 2X



Item No. 1	Insp. No. 1	Date 13/05/24	Time 8:36	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR TANK 2X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Upstream	Upstream Node:	TANK 2
Road:	Bow Lake Gardens	Inspected Length:	1.30 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	1.30 m	Downstream Node:	S12
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	2.500 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: REMEDIAL WORKS REQUIRED

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: S12	00:00:00	S12_TAN K 2_1.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05		
		0.40	DEZ	Attached deposits, other at 6 o'clock, 10% cross-sectional area loss: SCALE	00:00:12		3
		0.62	OJM	Open joint, medium	00:00:20	S12_TAN K 2_2.jpg	1
		1.30	MHF	Finish node, manhole, reference: TANK 2	00:00:37		

Construction Features

Structural Defects

Miscellaneous Features

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
1	1.0	0.8	1.0	1.0	1	2.0	1.5	2.0	3.0

Section Pictures - 13/05/2024 - TANK 2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	TANK 2X	14595	14595



S12__TANK 2_1.jpg, 00:00:00, 0.00 m
 Start node, manhole, reference: S12



S12__TANK 2_2.jpg, 00:00:20, 0.62 m
 Open joint, medium



Section Inspection - 13/05/2024 - TANK 1X



Item No. 2	Insp. No. 1	Date 13/05/24	Time 8:50	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR TANK 1X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Upstream	Upstream Node:	TANK 1
Road:	Bow Lake Gardens	Inspected Length:	2.20 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	2.20 m	Downstream Node:	S10
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	2.200 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: NO FURTHER WORKS REQUIRED

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: S10	00:00:00	S10_TAN K 1_3.jpg	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04		
		1.80	DES	Settled deposits, fine, 5% cross-sectional area loss	00:00:28		3
		2.20	MHF	Finish node, manhole, reference: TANK 1	00:00:36		

Construction Features

Structural Defects

Miscellaneous Features

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	0.9	2.0	3.0

**Section Pictures - 13/05/2024 - TANK 1X**

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	TANK 1X	14595	14595



S10__TANK 1_3.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: S10



Section Inspection - 13/05/2024 - TANK 3X



Item No. 3	Insp. No. 1	Date 13/05/24	Time 9:02	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR TANK 3X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Upstream	Upstream Node:	TANK 3
Road:	Bow Lake Gardens	Inspected Length:	3.00 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	3.00 m	Downstream Node:	S18
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	1.750 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: NO FURTHER WORKS REQUIRED

Scale: 1:50 Position [m] Code Observation MPEG Photo Grade

Depth: 1.75 m
S18



0.00

MH

Start node, manhole, reference: S18

00:00:00 S18_TAN
K 3_4.jpg

0.00

WL

Water level, 5% of the vertical dimension

00:00:06

0.40

DES

Settled deposits, fine, 5% cross-sectional area loss

00:00:12

3

3.00

MHF

Finish node, manhole, reference: TANK 3

00:00:31

TANK 3

Depth: 0.00 m

Construction Features

Structural Defects

Miscellaneous Features

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	0.7	2.0	3.0

**Section Pictures - 13/05/2024 - TANK 3X**

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	TANK 3X	14595	14595



S18__TANK 3_4.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: S18



Section Inspection - 13/05/2024 - IC.1X



Item No. 4	Insp. No. 1	Date 13/05/24	Time 9:13	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR IC.1X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Downstream	Upstream Node:	IC.1
Road:	Bow Lake Gardens	Inspected Length:	2.30 m	Upstream Pipe Depth:	1.150 m
Location:	Property or buildings	Total Length:	2.30 m	Downstream Node:	TANK 3
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	0.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: NO FURTHER WORKS REQUIRED

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	IC	Start node, inspection chamber, reference: IC.1	00:00:00	IC.1_DS_T ANK 3_5.jpg	
		0.00	WL	Water level, 5% of the vertical dimension	00:00:03		
		2.30	MHF	Finish node, manhole, reference: TANK 3	00:00:31		

Construction Features

Structural Defects

Miscellaneous Features

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 - 13/05/2024 - IC.1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	IC.1X	14595	14595



IC.1_DS_TANK 3_5.jpg, 00:00:00, 0.00 m
Start node, inspection chamber, reference: IC.1