



Project

Project Name: 63 Annandale Avenue PO21 2ET
Project Description: General CCTV - Condition Check
Project Number: JSD9596
Project Status: Complete
Project Date: 09/03/2026
Inspection Standard: MSCC4 Sewers & Drainage GB (SRM4 Scoring)



Scoring Summary

Project Name
63 Annandale Avenue PO21 2ET

Project Number
JSD9596

Project Date
09/03/2026

Structural Defects

- Grade 3: Best practice suggests consideration should be given to repairs in the medium term.
- Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.
- Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
2	NEIGH MHX	3	Deformed drain or sewer, 20%

Service / Operational Condition

- Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.
- Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.
- Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
1	UNKNOWNX	4	Settled deposits, coarse, 50% cross-sectional area loss
2	NEIGH MHX	3	Roots, mass at joint, 15% cross-sectional area loss
3	MH1X	5	Roots, mass at joint, 80% cross-sectional area loss

Abandoned Surveys

Section	PLR	Description
1	UNKNOWNX	Survey abandoned

Information

These scoring summaries are based on the SRM grading from the WRc.

Project Pictures

Project Name	Project Number	Project Date
63 Annandale Avenue PO21 2ET	JSD9596	09/03/2026



1



Defect Grade Description (Section)

Project Name	Project Number	Project Date
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1:	Brick: Minor structural defects. Other: Minor structural defects, i.e. open or displaced joints without additional characteristics. Acceptable structural condition.
2:	Brick: Circumferential cracking. Single longitudinal crack. Surface mortar loss (depth missing < 15 mm). Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness). Other: Circumferential cracking. Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness). Minimal collapse likelihood in the short term but potential for further deterioration.
3:	Brick: Total mortar loss (depth missing > 50 mm) without other defects. More than one longitudinal crack (at a single location). Multiple cracking. Single bricks displaced. Deformation < 5%, no fracture and only moderate mortar loss. Surface damage - spalling medium (large areas of chipped brick). Surface damage - wear medium (entire surface of brick is missing). Other: Fracture with no deformation or deformation < 5%. Longitudinal cracking or multiple cracking. Minor loss of level. Severe joint defects i.e. Surface damage - spalling medium. Surface damage - wear medium. Collapse unlikely in the near future but further deterioration likely
4:	Brick: Total mortar loss (depth missing > 50mm) with deformation > 10%; deformation up to 10% and fractured; displaced or hanging brickwork; small number of missing bricks; dropped invert (drop > 20mm); moderate loss of level; surface damage - large spalling (entire surface of brick is missing); surface damage - large wear (entire surface of brick is missing). Other: Broken; deformation up to 10% and broken; fracture with deformation 5-10%; multiple fractures; serious loss of level; serious joint defects with voids or soil visible (open joint with > 50mm soil or void visible or joint displacement > 25% of diameter); surface damage - entire area of pipe surface is missing or severely worn. Collapse likely in the foreseeable future
5:	Brick: Already collapsed; missing Invert; deformation > 10% and fractured; displaced or hanging brickwork and deformation < 10%; extensive areas of missing brickwork. Other: Already collapsed; deformation > 10% and broken; extensive areas of pipe fabric missing; fractures with deformation > 10% Collapsed or collapse imminent



Section Inspection - 24/02/2026 - UNKNOWNX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	24/02/26	11:36	JSD9596	No Rain Or Snow	No	UNKNOWNX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Dan		LV67 HKJ		Push Rod	Not Specified	Private Drain	Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Upstream	Upstream Node:	UNKNOWN
Road:	63 Annandale Avenue	Inspected Length:	24.20 m	Upstream Pipe Depth:	0.000 m
Location:	Gardens	Total Length:	24.20 m	Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.440 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:210	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.44 m							
MH1							
		0.00	MH	Start node, manhole, reference: MANHOLE 1 (MH1)	00:00:09	UNKNOWNX_3b2c1061-6c95-	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:09	UNKNOWNX_45a1e1be-29f3-4	
		0.01	RF	Roots, fine	00:00:09	UNKNOWNX_2971a787-41ec-	2
		0.48	RFJ	Roots, fine at joint	00:00:22	UNKNOWNX_96da1866-93d6-	2
		12.66	JN	Junction at 9 o'clock, diameter: 100mm	00:01:35	UNKNOWNX_2e3493d6-f1b9-4	
		20.55	JXD	Defective junction, damaged at 9 o'clock, diameter: 100mm: CRACKED & ROOT INFILTRATED	00:02:09	UNKNOWNX_8ab6bb7f-afb5-4	
		20.86	RFJ	Roots, fine at joint	00:02:26	UNKNOWNX_01b833da-1af9-4	2
		21.69	REM	General remark: **ENTERS BURIED MANHOLE**	00:02:35	UNKNOWNX_93352ea6-d9c8-	
		23.88	DER	Settled deposits, coarse, 50% cross-sectional area loss	00:02:53	UNKNOWNX_ee8bb757-b272-	4
		24.20	SA	Survey abandoned: S/A - UNABLE TO PASS DEBRIS	00:02:56	UNKNOWNX_c0d73047-4b10-	

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	4	5.0	0.3	8.0	4.0

Section Pictures - 24/02/2026 - UNKNOWNX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	UNKNOWNX	JSD9596	JSD9596



UNKNOWNX_3b2c1061-6c95-4655-96e3-44802cee786f_202
60309_150213_458.jpg, 00:00:09, 0.00 m
Start node, manhole, reference: MANHOLE 1 (MH1)



UNKNOWNX_45a1e1be-29f3-454e-84f0-9b7c49525b5a_202
60309_150219_777.jpg, 00:00:09, 0.00 m
Water level, 0% of the vertical dimension



UNKNOWNX_2971a787-41ec-4201-896a-60063f1a6843_202
60309_150431_186.jpg, 00:00:09, 0.01 m
Roots, fine



UNKNOWNX_96da4866-93d6-40c9-935e-2d70b43f70ff_2026
0309_150543_965.jpg, 00:00:22, 0.48 m
Roots, fine at joint

Section Pictures - 24/02/2026 - UNKNOWNX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	UNKNOWNX	JSD9596	JSD9596



UNKNOWNX_2e3493d6-f1b9-4e51-ab53-bfb978736c69_20260309_150812_778.jpg, 00:01:35, 12.66 m
Junction at 9 o'clock, diameter: 100mm



UNKNOWNX_8ab6bb7f-afb5-46a2-97ad-c9e97d645cf4_20260309_150852_178.jpg, 00:02:09, 20.55 m
Defective junction, damaged at 9 o'clock, diameter: 100mm, CRACKED & ROOT INFILTRATED



UNKNOWNX_01b833da-1af9-40f1-82e7-59b1f9813641_20260309_150915_546.jpg, 00:02:26, 20.86 m
Roots, fine at joint



UNKNOWNX_93352ea6-d9c8-4492-ad93-76e1ca90c16c_20260309_150944_449.jpg, 00:02:35, 21.69 m
General remark, **ENTERS BURIED MANHOLE**



Section Pictures - 24/02/2026 - UNKNOWNX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	UNKNOWNX	JSD9596	JSD9596



UNKNOWNX_ee8bb757-b272-4aac-8351-86a90515e417_20260309_151006_881.jpg, 00:02:53, 23.88 m
Settled deposits, coarse, 50% cross-sectional area loss



UNKNOWNX_c0d73047-4b10-4f56-afd4-2bcc42f0deb9_20260309_151038_481.jpg, 00:02:56, 24.20 m
Survey abandoned, S/A - UNABLE TO PASS DEBRIS



Section Inspection - 24/02/2026 - NEIGH MHX

Item No. 2	Insp. No. 1	Date 24/02/26	Time 11:35	Client's Job Ref JSD9596	Weather No Rain Or Snow	Pre Cleaned No	PLR NEIGH MHX
Operator Dan		Vehicle LV67 HKJ		Camera Push Rod	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Upstream	Upstream Node:	NEIGH MH
Road:	63 Annandale Avenue	Inspected Length:	3.07 m	Upstream Pipe Depth:	0.000 m
Location:	Gardens	Total Length:	3.07 m	Downstream Node:	MH1
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.440 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Pitch fibre		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition		Lining Material:	No Lining	

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.44 m MH1 </							

Section Pictures - 24/02/2026 - NEIGH MHX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	NEIGH MHX	JSD9596	JSD9596



NEIGH
MHX_12957fd7-d5b7-4a95-a9a2-5440e2683dfa_20260309_1
51253_204.jpg, 00:00:07, 0.00 m
Start node, manhole, reference: MANHOLE 1 (MH1)



NEIGH
MHX_e6d13b93-f12c-4e34-b2fd-53931f37d549_20260309_15
1300_537.jpg, 00:00:07, 0.00 m
Water level, 0% of the vertical dimension



NEIGH
MHX_cbc27641-9414-4772-a36f-8aa1791142d9_20260309_1
51317_993.jpg, 00:00:16, 0.09 m
Deformed drain or sewer, 10%



NEIGH
MHX_1eb83b89-b91b-4ed7-9275-ab4ff6b04c27_20260309_1
51341_728.jpg, 00:00:26, 0.57 m
Deformed drain or sewer, 10%

Section Pictures - 24/02/2026 - NEIGH MHX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	NEIGH MHX	JSD9596	JSD9596



NEIGH
MHX_ac232ef7-f446-47b7-ab60-7a0adf0db53f_20260309_15
1407_697.jpg, 00:00:28, 1.00 m
General remark, ****BOUNDARY POINT****



NEIGH
MHX_d0afc9db-651f-46b0-b605-d325d48d1f4a_20260309_15
1421_041.jpg, 00:00:30, 1.44 m
Deformed drain or sewer, 5%



NEIGH
MHX_8c17c4af-3b21-4ba9-a9eb-daf083b01de2_20260309_1
51444_714.jpg, 00:00:34, 2.11 m
Deformed drain or sewer, 20%



NEIGH
MHX_f2197242-dbd2-46cd-88c3-e7852d7478fe_20260309_1
51452_767.jpg, 00:00:34, 2.11 m
Roots, fine

Section Pictures - 24/02/2026 - NEIGH MHX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	NEIGH MHX	JSD9596	JSD9596



NEIGH
MHX_353d599e-86f2-49f9-b787-79dede56729a_20260309_1
51525_153.jpg, 00:00:38, 2.68 m
Roots, mass at joint, 15% cross-sectional area loss



NEIGH
MHX_98e14b0c-5078-47af-9d1d-c4fecb05a7b2_20260309_1
51545_215.jpg, 00:00:38, 2.68 m
Material changes to polyvinyl chloride



NEIGH
MHX_c82c0c81-083f-4f50-9db9-eb937cbde540_20260309_15
1618_648.jpg, 00:00:42, 3.07 m
Finish node, manhole, reference: ENTERS MANHOLE IN THE
NEIGHBOURING PROPERTY



Section Inspection - 24/02/2026 - MH1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	24/02/26	11:35	JSD9596	No Rain Or Snow	No	MH1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Dan		LV67 HKJ		Push Rod	Not Specified	Not Specified	Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Downstream	Upstream Node:	MH1
Road:	63 Annandale Avenue	Inspected Length:	7.39 m	Upstream Pipe Depth:	1.440 m
Location:	Gardens	Total Length:	7.39 m	Downstream Node:	MAIN SEWER
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.000 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Pipe Material:	Vitrified clay pipe (i.e. all clayware)		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection of condition	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:64	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.44 m MH1							
		0.00	MH	Start node, manhole, reference: MANHOLE 1 (MH1)	00:00:07	MH1X_ad aec02f-18 b5-4ac4-9	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:07	MH1X_0e 4f395e-c6 61-44f3-be	
		0.02	RMJ	Roots, mass at joint, 80% cross-sectional area loss	00:00:07	MH1X_5f8 6450e-be3 e-4e2f-bdc	5
		1.72	DEEJ	Attached deposits, encrustation at joint from 4 o'clock to 8 o'clock, 20% cross-sectional area loss	00:00:25	MH1X_87 134125-87 be-4706-8	3
		2.59	REM	General remark: **BOUNDARY POINT**	00:00:29	MH1X_6f6 5906a-06d 3-45d4-b1	
		6.24	CCJ	Crack, circumferential at joint from 8 o'clock to 12 o'clock	00:00:43	MH1X_b7 e21036-a7 85-4a45-a	2
		7.39	MHF	Finish node, manhole, reference: MAIN SEWER	00:00:51	MH1X_0cc 10ae4-ed4 5-402d-be	
MAIN SEWER Depth: 0.00 m							

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	10.0	1.4	10.0	2.0	2	20.0	3.0	22.0	5.0

Section Pictures - 24/02/2026 - MH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH1X	JSD9596	JSD9596



MH1X_adaec02f-18b5-4ac4-94d2-7f08acbe9c62_20260309_1
51823_216.jpg, 00:00:07, 0.00 m
Start node, manhole, reference: MANHOLE 1 (MH1)



MH1X_0e4f395e-c661-44f3-bef8-d5092db76894_20260309_1
51829_347.jpg, 00:00:07, 0.00 m
Water level, 0% of the vertical dimension



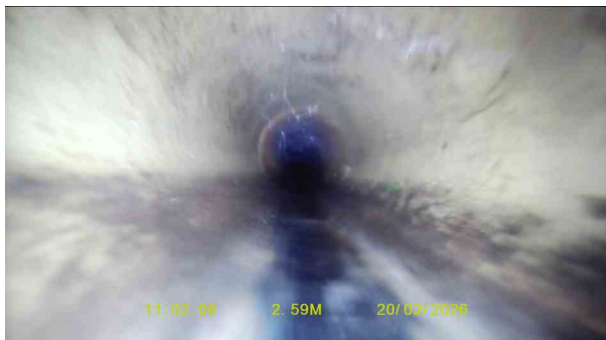
MH1X_5f86450e-be3e-4e2f-bdc8-18a30d40e5f7_20260309_1
52026_783.jpg, 00:00:07, 0.02 m
Roots, mass at joint, 80% cross-sectional area loss



MH1X_87134125-87be-4706-885c-f264c308d8d2_20260309_1
152055_841.jpg, 00:00:25, 1.72 m
Attached deposits, encrustation at joint from 4 o'clock to 8 o'clock, 20% cross-sectional area loss

Section Pictures - 24/02/2026 - MH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH1X	JSD9596	JSD9596



MH1X_6f65906a-06d3-45d4-b19d-5ec31823dcc2_20260309_152124_095.jpg, 00:00:29, 2.59 m
General remark, ****BOUNDARY POINT****



MH1X_b7e21036-a785-4a45-a376-16d1e7c6e280_20260309_152237_006.jpg, 00:00:43, 6.24 m
Crack, circumferential at joint from 8 o'clock to 12 o'clock



MH1X_0cc10ae4-ed45-402d-be3a-c95dfc9df374_20260309_152253_760.jpg, 00:00:51, 7.39 m
Finish node, manhole, reference: MAIN SEWER