



Project

Project Name: British Legion Site
Project Description: CCTV Survey
Project Number: 21678
Project Status: Processing
Project Date: 26/06/2024
Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

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Project Name
British Legion Site

Project Number
21678

Project Date
26/06/2024

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Project Information**Project Name**
British Legion Site**Project Number**
21678**Project Date**
26/06/2024**Client**

Company: Rowlinson Construction Ltd
Description: Construction
Contact: Mark Frain
Street: 118b Gatley Road
Town or City: Cheadle
Post Code: SK8 4AU

Site

Company: British Legion Site
Street: Woodhouse Lane
Town or City: Wythenshawe
County: Manchester
Post Code: M22 9TF

Contractor

Company: Drainrite Environmental Services Ltd.
Contact: Mr. M. Bent
Department: Director
Street: Suite 10, Vermont house,Bradley Lane.
Town or City: Standish, Wigan.
County: Lancashire
Post Code: WN6 0XF
Phone: 01942 230 023
Email: drainrite@btconnect.com

Scoring Summary

Project Name
British Legion Site

Project Number
21678

Project Date
26/06/2024

Structural Defects

Section	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

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	MH 8301X	3	Multiple defects

Abandoned Surveys

Section	PLR	Description
All inspections complete, none are abandoned.		

Information

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

Project Summary Per Variant

Project Name
British Legion Site

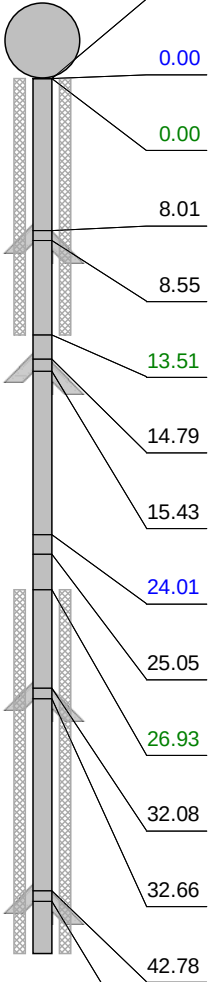
Project Date
26/06/2024

Completed section inspection - 26/06/2024 - MH 8301X

Item No. 1	Insp. No. 1	Date 26/06/24	Time 10:38	Client's Job Ref 21678	Weather No Rain Or Snow	Pre Cleaned No	PLR MH 8301X
Operator A. Brown		Vehicle C.C.T.V. 1		Camera P235	Preset Length Not Specified	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Wythenshawe	Inspection Direction:	Upstream	Upstream Node:	MH 8301
Road:	Woodhouse Lane	Inspected Length:	89.54 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	89.54 m	Downstream Node:	MH 7406
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	375 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations: None

Scale:	1:398	Position [m]	Code	Observation	MPEG	Photo	Grade
	Depth: m MH 7406	MH	Start node, manhole, reference: MH 7406	00:00:00			
	0.00	WL	Water level, 10% of the vertical dimension			MH 8301X_02 c3f772-0e	
	0.00	S01	DES	Settled deposits, fine, 10% cross-sectional area loss, start	00:00:15	MH 8301X_03 66b74d-69	
	8.01	JN	Junction at 3 o'clock, 150mm dia	00:00:46	MH 8301X_14 2bd1e8-ac		
	8.55	JN	Junction at 9 o'clock, 150mm dia	00:00:49	MH 8301X_e7 96bcff-126		
	13.51	F01	DES	Settled deposits, fine, 10% cross-sectional area loss, finish	00:01:16	MH 8301X_d7 274702-45	3
	14.79	JN	Junction at 3 o'clock, 150mm dia	00:01:28	MH 8301X_4e 61f0c1-89		
	15.43	JN	Junction at 9 o'clock, 150mm dia	00:01:30	MH 8301X_98 46d641-6b		
	24.01	REM	General remark: MH NO REF ON DRAWING	00:02:03	MH 8301X_e2 bffc1c-c48		
	25.05	SC	Pipe size changes, new size(s), 300mm high	00:02:06	MH 8301X_5f8 237f5-958		
	26.93	S02	DES	Settled deposits, fine, 10% cross-sectional area loss, start	00:02:12	MH 8301X_57 444b3b-2d	
	32.08	JN	Junction at 3 o'clock, 150mm dia	00:02:29	MH 8301X_4c 0a1c7c-b2		
	32.66	JN	Junction at 9 o'clock, 150mm dia	00:02:31	MH 8301X_cb e1a71a-55		
	42.78	CN	Connection other than junction at 3 o'clock, 150mm dia	00:03:10	MH 8301X_c6 2f1032-65		
	43.31	JN	Junction at 9 o'clock, 150mm dia	00:03:12	MH 8301X_1a 69736d-cd		

Completed section inspection - 26/06/2024 - MH 8301X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	26/06/24	10:38	21678	No Rain Or Snow	No	MH 8301X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
A. Brown		C.C.T.V. 1		P235	Not Specified	Public Sewer	Not Specified

Scale:	1:398	Position [m]	Code	Observation	MPEG	Photo	Grade		
 MH 8301		48.84	JN	Junction at 3 o'clock, 150mm dia	00:03:32	MH 8301X_00 de4aff-2cc			
		49.26	JN	Junction at 9 o'clock, 150mm dia	00:03:34	MH 8301X_57 bca2c4-0a			
		53.94	JN	Junction at 3 o'clock, 150mm dia	00:03:51	MH 8301X_1d 406252-40			
		54.56	F02 DES	Settled deposits, fine, 10% cross-sectional area loss, finish	00:03:53	MH 8301X_34 cd5b4f-5b	3		
		68.49	JN	Junction at 9 o'clock, 150mm dia	00:04:31	MH 8301X_fb1 32325-d32			
		69.21	JN	Junction at 3 o'clock, 150mm dia	00:04:33	MH 8301X_14 b84926-f9			
		81.20	JN	Junction at 3 o'clock, 150mm dia	00:05:18	MH 8301X_38 81f1fd-5da			
		89.54	MHF	Finish node, manhole, reference: MH 8301	00:05:53	MH 8301X_24 5511b9-d4			
Depth: m									
Construction Features				Miscellaneous Features					
Structural Defects				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	2	2.0	0.0	84.0	3.0

Depth: m

Section Pictures - 26/06/2024 - MH 8301X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH 8301X	21678	R782/27584



MH
8301X_02c3f772-0e43-413c-a2cc-759969f5926e_20240626_1
44012_201.jpg, 0.00 m
Water level, 10% of the vertical dimension



MH
8301X_0366b74d-69e5-4719-b16e-dea494ff9b71_20240626_1
44101_190.jpg, 00:00:15, 0.00 m
Settled deposits, fine, 10% cross-sectional area loss, start



MH
8301X_142bd1e8-ace7-47c7-bdfa-450c50568fd0_20240626_1
44218_195.jpg, 00:00:46, 8.01 m
Junction at 3 o'clock, 150mm dia



MH
8301X_e796bcff-1260-436c-b779-d81b2cfa5fdb_20240626_14
4302_287.jpg, 00:00:49, 8.55 m
Junction at 9 o'clock, 150mm dia

Section Pictures - 26/06/2024 - MH 8301X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH 8301X	21678	R782/27584



MH
8301X_d7274702-4543-4502-8448-ebef90335ff_20240626_1
44349_534.jpg, 00:01:16, 13.51 m
Settled deposits, fine, 10% cross-sectional area loss, finish



MH
8301X_4e61f0c1-8992-4472-8420-84c78c71e576_20240626_
144427_700.jpg, 00:01:28, 14.79 m
Junction at 3 o'clock, 150mm dia



MH
8301X_9846d641-6b70-48dd-9cdb-c5113f770cc4_20240626_
144455_462.jpg, 00:01:30, 15.43 m
Junction at 9 o'clock, 150mm dia



MH
8301X_e2bffc1c-c488-4d4a-a761-1ca0d67be1db_20240626_1
44622_777.jpg, 00:02:03, 24.01 m
General remark, MH NO REF ON DRAWING

Section Pictures - 26/06/2024 - MH 8301X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH 8301X	21678	R782/27584



MH
8301X_5f8237f5-9584-41bc-8471-d31ab0e967a0_20240626_1
44711_189.jpg, 00:02:06, 25.05 m
Pipe size changes, new size(s), 300mm high



MH
8301X_57444b3b-2df2-4a46-a43f-daa3cc96a4d9_20240626_1
44747_748.jpg, 00:02:12, 26.93 m
Settled deposits, fine, 10% cross-sectional area loss, start



MH
8301X_4c0a1c7c-b223-409e-a920-30bd46e6bb73_20240626_
144835_838.jpg, 00:02:29, 32.08 m
Junction at 3 o'clock, 150mm dia



MH
8301X_cbe1a71a-553f-446a-a8bf-4aec8d82de09_20240626_1
44906_702.jpg, 00:02:31, 32.66 m
Junction at 9 o'clock, 150mm dia

Section Pictures - 26/06/2024 - MH 8301X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH 8301X	21678	R782/27584



MH
8301X_c62f1032-655e-40e3-b64c-382543fe9a78_20240626_1
45043_752.jpg, 00:03:10, 42.78 m
Connection other than junction at 3 o'clock, 150mm dia



MH
8301X_1a69736d-cd99-4ada-a9fc-5bb92a38fcf8_20240626_1
45111_172.jpg, 00:03:12, 43.31 m
Junction at 9 o'clock, 150mm dia



MH
8301X_00de4aff-2cc9-42d3-b5c9-598e5489bd0c_20240626_1
45200_154.jpg, 00:03:32, 48.84 m
Junction at 3 o'clock, 150mm dia



MH
8301X_57bca2c4-0a31-49cc-b1bd-21747c1f46ba_20240626_1
145236_788.jpg, 00:03:34, 49.26 m
Junction at 9 o'clock, 150mm dia

Section Pictures - 26/06/2024 - MH 8301X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH 8301X	21678	R782/27584



MH
 8301X_1d406252-4052-49da-b57a-9a0b02d84696_20240626_145352_648.jpg, 00:03:51, 53.94 m
 Junction at 3 o'clock, 150mm dia



MH
 8301X_34cd5b4f-5b8b-4c72-8450-9d3462c29043_20240626_145415_879.jpg, 00:03:53, 54.56 m
 Settled deposits, fine, 10% cross-sectional area loss, finish



MH
 8301X_fb132325-d32f-4a74-a2f1-678e4e2ca0ab_20240626_145525_565.jpg, 00:04:31, 68.49 m
 Junction at 9 o'clock, 150mm dia



MH
 8301X_14b84926-f9e4-4074-9350-39fd3f18fa27_20240626_145624_617.jpg, 00:04:33, 69.21 m
 Junction at 3 o'clock, 150mm dia

Section Pictures - 26/06/2024 - MH 8301X

Item No. 1	Inspection Direction Upstream	PLR MH 8301X	Client`s Job Ref 21678	Contractor`s Job Ref R782/27584
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MH

8301X_3881f1fd-5daf-41cb-85b6-0ad9ba793248_20240626_145755_496.jpg, 00:05:18, 81.20 m

Junction at 3 o'clock, 150mm dia



MH

8301X_245511b9-d425-449c-9e82-7af805317fe1_20240626_145849_728.jpg, 00:05:53, 89.54 m

Finish node, manhole, reference: MH 8301

Completed section inspection - 26/06/2024 - MH F1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	1	26/06/24	10:06	21678	No Rain Or Snow	No	MH F1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
A. Brown		C.C.T.V. 1		P235	Not Specified	Public Sewer	Not Specified

Town or Village:	Wythenshawe	Inspection Direction:	Downstream	Upstream Node:	MH F1
Road:	Woodhouse Lane	Inspected Length:	4.82 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	4.82 m	Downstream Node:	MAIN
Surface Type:	Asphalt Highway	Joint Length:		Downstream Pipe Depth:	
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:	
Recommendations:	None

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH F1 0.00 0.00 4.25 4.32 4.82 MAIN							
		0.00	MH	Start node, manhole, reference: MH F1	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension		MH F1X_1064 993f-67e4-	
		4.25	LL	Line deviates left	00:01:21	MH F1X_a8ce 3e10-c9cc-	
		4.32	LD	Line deviates down	00:01:22	MH F1X_2b94 b9bf-0f11-	
		4.82	MHF	Finish node, manhole, reference: MAIN	00:01:39	MH F1X_c339 7df3-4d91-	
Depth: m							

Construction Features					Miscellaneous Features				
Structural Defects					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 - 26/06/2024 - MH F1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH F1X	21678	R782/27584



MH
F1X_1064993f-67e4-46de-a96f-b0556a0be1ad_20240626_15
0049_124.jpg, 0.00 m
Water level, 0% of the vertical dimension



MH
F1X_a8ce3e10-c9cc-40ed-a451-680f2b5ee1b9_20240626_15
0229_752.jpg, 00:01:21, 4.25 m
Line deviates left



MH
F1X_2b94b9bf-0f11-4e16-8521-3a30e24cab4a_20240626_15
0252_061.jpg, 00:01:22, 4.32 m
Line deviates down

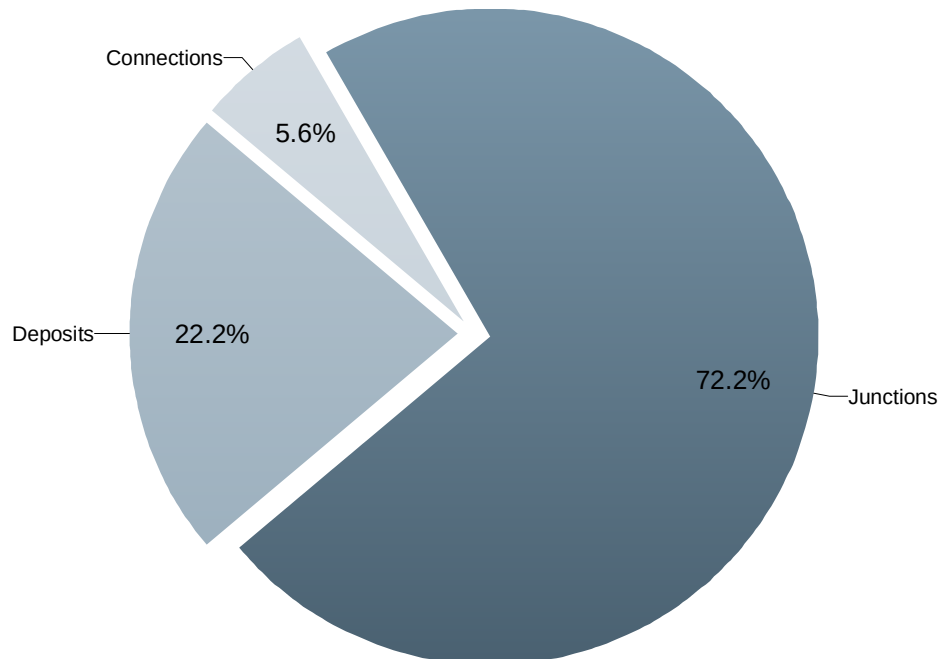


MH
F1X_c3397df3-4d91-4727-aa5e-cf349abf8ae6_20240626_150
334_906.jpg, 00:01:39, 4.82 m
Finish node, manhole, reference: MAIN

Damage overview

Project Name British Legion Site	Project Number 21678	Project Date 26/06/2024
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Group	Count
Junctions	13
Deposits	4
Connections	1



Inspection Summary

Project Name British Legion Site	Project Number 21678	Project Date 26/06/2024
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Node from:	MH 8301	Total
Node to:	MH 7406	
Section height:	375.00	
Section length:	89.54	94.36
Inspected length:	89.54	94.36
Abandoned:		
Connections:	1	1
Deposits:	4	4
Junctions:	13	13
Total:	18	18

