

Project

Project Name: 27593 Cheltenham Green Civ Manchester 10 02 22 win

Project Description: WinCan Import in Miraculix Standard

Project Date: 15/02/2022

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Project Information

Project Name	Project Number	Project Date
27593 Cheltenham Green Civ Manchester 10 02 22 win		15/02/2022

Client

Company: CHELTENHAM GREEN CIVILS
Description: IVY MILL
Contact: CROWN STREET
Department: FAILSWORTH
Street: MANCHESTER
Town or City: M35 9BG

Site

Company: CHELTENHAM GREEN CIVILS
Contact: 27593 Cheltenham Green Civ Manchester 10 02 22

Contractor

Company: NRC WWS Ltd
Contact: DEREK KEARNS
Department: SALES MANAGER
Street: UNIT D, RUSSELL ROAD
Town or City: ROCK FERRY, BIRKENHEAD
County: WIRRAL
Post Code: CH42 1LU
Phone: 0151 643 0800
Mobile: 07557 231 879
Email: dkearns@nrcc.com

Section Inspection - 10/02/2022 - AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	10/02/22	11:25	27593	No Rain Or Snow	Yes	AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	A
Road:	Adair Street	Inspected Length:	2.82 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	2.82 m	Downstream Node:	FW5
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	IC	Start node, inspection chamber, reference: FW5	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		0.25	MCCI	Pipe material changes to cast iron at this point	00:00:20		
		0.32	SC	Pipe size changes, new size(s), 100mm high	00:00:04		
		0.79	REM	General remark: WOOD REMOVED	00:00:18		
		1.21	LU	Line deviates up	00:00:23		
		2.82	OCF	Finish node, other special chamber, reference: A: POP UP	00:00:37		

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 Inspection - 10/02/2022 - AX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	1	10/02/22	14:40	27593	No Rain Or Snow	Yes	AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	A
Road:	Adair Street	Inspected Length:	19.02 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	19.02 m	Downstream Node:	SW1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
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:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:164	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW1 0.00 0.00 0.00 2.88 18.63 19.02 A Depth: m							
		0.00	IC	Start node, inspection chamber, reference: SW1	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		0.00	LL	Line deviates left	00:00:01		
		2.88	MCCI	Pipe material changes to cast iron at this point	00:00:13		
		18.63	LU	Line deviates up	00:01:03		
		19.02	BRF	Finish node, major connection without manhole, reference: A: rwp	00:01:18		

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 Inspection - 10/02/2022 - FW3X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	1	10/02/22	11:17	27593	No Rain Or Snow	Yes	FW3X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW3
Road:	Adair Street	Inspected Length:	12.92 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	12.92 m	Downstream Node:	FW4
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:112	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FW4 0.00 0.00 12.52 12.92 FW3 Depth: m							
		0.00	IC	Start node, inspection chamber, reference: FW4	00:00:01		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:01		
		12.52	LR	Line deviates right	00:00:35		
		12.92	MHF	Finish node, manhole, reference: FW3	00:00:39		

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 Inspection - 10/02/2022 - FW3AX

Item No. 4	Insp. No. 1	Date 10/02/22	Time 12:16	Client's Job Ref 27593	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW3AX
Operator G. DONNELLY		Vehicle Not Specified		Camera Solo Pro+	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW3A
Road:	Adair Street	Inspected Length:	7.28 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	7.28 m	Downstream Node:	FW3
Surface Type:		Joint Length:		Downstream Pipe Depth:	

Use:	Foul	Pipe Shape:	Circular
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm
Flow Control:	No flow control	Material:	Polyvinyl chloride
Year Constructed:	Not Specified	Lining Type:	No Lining
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining

Comments:

Recommendations:

Scale: 1:63

Position [m]

Code

Observation

MPEG

Photo

Grade

Depth: m

FW3

0.00

0.00

MH

Start node, manhole, reference: FW3

00:00:00

WL

Water level, 5% of the vertical dimension

00:00:00

7.28

ICF

Finish node, inspection chamber, reference: FW3A

00:00:30

FW3A

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 Inspection - 10/02/2022 - FW4X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	1	10/02/22	11:11	27593	No Rain Or Snow	Yes	FW4X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW4
Road:	Adair Street	Inspected Length:	8.77 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	8.77 m	Downstream Node:	FW5
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:76	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FW5 0.00 0.00 0.00 0.46 IC WL LL JN Start node, inspection chamber, reference: FW5 Water level, 0% of the vertical dimension Line deviates left Junction at 6 o'clock, 150mm dia 00:00:01 00:00:01 00:00:02 00:00:07							
8.77 MHF Finish node, manhole, reference: FW4 00:00:39							
FW4 Depth: 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	0	0.0	0.0	0.0	1.0

Section Inspection - 10/02/2022 - FW5X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
6	1	10/02/22	12:50	27593	No Rain Or Snow	Yes	FW5X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW5
Road:	Adair Street	Inspected Length:	2.88 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	2.88 m	Downstream Node:	FW6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	IC	Start node, inspection chamber, reference: FW5	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		2.44	JN	Junction at 6 o'clock, 150mm dia	00:00:23		
		2.88	MHF	Finish node, manhole, reference: FW6	00:00:31		

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 Inspection - 10/02/2022 - FW6X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
7	1	10/02/22	12:54	27593	No Rain Or Snow	Yes	FW6X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW6
Road:	Adair Street	Inspected Length:	2.46 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	2.46 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: FW6	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension: LIVE SYSTEM	00:00:01		
		1.29	LD	Line deviates down	00:00:09		
		2.46	BRF	Finish node, major connection without manhole, reference: MAIN	00:00:28		

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 Inspection - 10/02/2022 - FW7X

Item No. 8	Insp. No. 1	Date 10/02/22	Time 12:06	Client's Job Ref 27593	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW7X
Operator G.DONNELLY		Vehicle Not Specified		Camera Solo Pro+	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW7
Road:	Adair Street	Inspected Length:	11.73 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	11.73 m	Downstream Node:	FW5
Surface Type:		Joint Length:		Downstream Pipe Depth:	

Use:	Foul	Pipe Shape:	Circular
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm
Flow Control:	No flow control	Material:	Polyvinyl chloride
Year Constructed:	Not Specified	Lining Type:	No Lining
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining

Comments:

Recommendations:

Scale:	1:102	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FW5 0.00 0.00 0.59 0.72 6.10 11.73 FW7 Depth: m	IC	Start node, inspection chamber, reference: FW5	00:00:00				
	WL	Water level, 5% of the vertical dimension	00:00:00				
	LL	Line deviates left: SLIGHT	00:00:07				
	MCCI	Pipe material changes to cast iron at this point	00:00:10				
	JN	Junction at 3 o'clock, 100mm dia	00:00:22				
	ICF	Finish node, inspection chamber, reference: FW7	00:00:36				

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 Inspection - 10/02/2022 - FW8X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
9	1	10/02/22	12:08	27593	No Rain Or Snow	Yes	FW8X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW8
Road:	Adair Street	Inspected Length:	5.81 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	5.81 m	Downstream Node:	FW7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:51	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m FW7 0.00 0.00 0.00 2.95 5.11 5.81 FW8 Depth: m							
		0.00	IC	Start node, inspection chamber, reference: FW7	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.00	MCCI	Pipe material changes to cast iron at this point	00:00:02		
		2.95	LR	Line deviates right	00:00:12		
		5.11	LL	Line deviates left	00:00:21		
		5.81	ICF	Finish node, inspection chamber, reference: FW8	00:00:25		

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 Inspection - 10/02/2022 - RE6X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
10	1	10/02/22	14:31	27593	No Rain Or Snow	Yes	RE6X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RE6
Road:	Adair Street	Inspected Length:	9.40 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	9.40 m	Downstream Node:	SW1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
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:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:82	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW1							
		0.00	IC	Start node, inspection chamber, reference: SW1	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:00		
		0.00	LU	Line deviates up	00:00:01		
		2.63	MCCI	Pipe material changes to cast iron at this point	00:00:13		
		8.85	LL	Line deviates left	00:00:31		
		9.40	SA	Survey abandoned: CONCRETE AN CLAMP IN LINE	00:00:35	SW1 US RE6_9-40 m_143907	

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 - 10/02/2022 - RE6X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Upstream	RE6X	27593	CG125/JP



SW1 US RE6_9-40m_143907.jpg, 00:00:35, 9.40 m
Survey abandoned, CONCRETE AN CLAMP IN LINE

Section Inspection - 10/02/2022 - SW1X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
11	1	10/02/22	12:57	27593	No Rain Or Snow	Yes	SW1X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
G.DONNELLY		Not Specified		Solo Pro+	Not Specified	Not Specified	1

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW1
Road:	Adair Street	Inspected Length:	24.50 m	Upstream Pipe Depth:	
Location:	Other walkway	Total Length:	24.50 m	Downstream Node:	SW2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
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:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:212	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m SW1 0.00 0.00 19.09 19.96 20.86 24.50 SW2 Depth: m							
		0.00	IC	Start node, inspection chamber, reference: SW1	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		19.09	WL	Water level, 15% of the vertical dimension	00:01:10		
		19.96	WL	Water level, 20% of the vertical dimension	00:01:16		
		20.86	CUW	Loss of vision, camera under water: HOLDING TANK	00:01:20		
		24.50	OCF	Finish node, other special chamber, reference: SW2: HOLDING TANK	00:01:42		

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