Manhole Survey Report

For

Birdwell Roundabout
Barnsley

WRc Standard

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Created 24/06/2020 13:48

Manhole Condition Summary:

Number of Manholes: 13

		Condition (Y if attention required)						
Manhole Number	Function	Cover	Irons	Shaft	Chamber	Benching	Other	Remarks
MHD1	S	-	-	-	-	-	-	-
MHD2	S	-	-	-	-	-	-	-
MHD3	S	-	-	-	-	-	-	-
MHD4	S	-	-	-	-	-	-	-
MHD5	S	-	-	-	-	-	-	-
MHD6	S	-	-	-	-	-	-	-
MHD7	S	-	-	-	-	-	-	-
MHD8	S	-	-	-	-	-	-	-
MHD9	S	-	-	-	-	-	-	-
MHD10	S	-	-	-	-	-	-	-
MHD11	S	-	-	-	-	-	-	-
MHD12	S	-	-	-	-	-	-	-
CP3	S	-	-	-	-	-	-	-

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MANHOLE RECORD CARD

LOCATION	BIRDWELL ROUNDABOUT, BARNSLEY

NODE REFERENCE	MHD1
COORDINATES (m)	-,-
DRAINAGE AREA CODE	-
SURVEY DATE	08 Jun 2020

YEAR LAID	-		STATUS	PU	FUNCTION	S	NODE TYPE	M	COND ITION	SIZE (mm)			TOXIC ATMOSPHERE	N
COVER	SHAPE	-	HINGED	N	LOCK	N	DUTY	-	-	-	X	-	GAS TYPE	-
SHAFT	SIDE ENTRY	N	REGULAT COURSES	-	DEPTH (mm)	-			-	-	X	-	EVIDENCE OF VERMIN	N
CHAMBER	SOFFIT	-	STEPS	-	LADDERS	-	LNDGS	-	-	-	X	-	CONSTRUCTI ON CODE	-

STRUCTURAL CONDITION	-	MAINTENANCE CONDITION	-	DEPTH OF FLOW (mm)	-	DEPTH OF SILT (mm)	-	HEIGHT SURCH (mm)	-	COVER LEVEL (m AD)	-

		UPSTREAM REFERENCE	PIPE SHAPE	PIPE SIZE (mm)	BACKDROP DIAM (mm)	PIPE MATERIA L	LINING	DEPTH FROM COVER (m)	INVERT LEVEL (m AD)
INCOMING PIPES	A			X					
	B			X					
	C			X					
	D			X					
	E			X					
	F			X					

		DOWNSTREAM REFERENCE		COND	CRITY
OUTGOING PIPES	X		X		
	Y		X		

CONDITION (Y if action required)	COVER	N	IRONS / LADDERS	N	SHAFT	N	CHAMBER	N	BENCHING	N	OTHER	N

REMARKS

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LOCATION IMAGE -

INTERNAL IMAGE -

MANHOLE RECORD CARD

LOCATION	BIRDWELL ROUNDABOUT, BARNSLEY

NODE REFERENCE	MHD2
COORDINATES (m)	-,-
DRAINAGE AREA CODE	-
SURVEY DATE	08 Jun 2020

YEAR LAID	-		STATUS	PU	FUNCTION	S	NODE TYPE	M	COND ITION	SIZE (mm)			TOXIC ATMOSPHERE	N
COVER	SHAPE	D	HINGED	N	LOCK	N	DUTY	-	-	610	X	610	GAS TYPE	-
SHAFT	SIDE ENTRY	N	REGULAT COURSES	3	DEPTH (mm)	600			-	610	X	600	EVIDENCE OF VERMIN	N
CHAMBER	SOFFIT	S	STEPS	6	LADDERS	-	LNDGS	-	-	1200	X	1200	CONSTRUCTI ON CODE	P

STRUCTURAL CONDITION	-	MAINTENANCE CONDITION	-	DEPTH OF FLOW (mm)	-	DEPTH OF SILT (mm)	-	HEIGHT SURCH (mm)	-	COVER LEVEL (m AD)	-

INCOMING PIPES

	UPSTREAM REFERENCE	PIPE SHAPE	PIPE SIZE (mm)			BACKDROP DIAM (mm)	PIPE MATERIAL	LINING	DEPTH FROM COVER (m)	INVERT LEVEL (m AD)
A	MHD3	C	300	X	-	-	PVC	-	2.420	
B				X						
C				X						
D				X						
E				X						
F				X						

OUTGOING PIPES

	DOWNSTREAM REFERENCE					COND	CRITY			
X	MHD1	C	300	X	-	-	-	PVC	-	2.440
Y				X						

CONDITION (Y if action required)	COVER	N	IRONS / LADDERS	N	SHAFT	N	CHAMBER	N	BENCHING	N	OTHER	N

REMARKS

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LOCATION IMAGE -



INTERNAL IMAGE -

MANHOLE RECORD CARD

LOCATION	BIRDWELL ROUNDABOUT, BARNSLEY

NODE REFERENCE	MHD3
COORDINATES (m)	-,-
DRAINAGE AREA CODE	-
SURVEY DATE	08 Jun 2020

YEAR LAID	-		STATUS	PU	FUNCTION	S	NODE TYPE	M	COND ITION	SIZE (mm)			TOXIC ATMOSPHERE	N
COVER	SHAPE	D	HINGED	N	LOCK	N	DUTY	H	-	610	X	610	GAS TYPE	-
SHAFT	SIDE ENTRY	N	REGULAT COURSES	2	DEPTH (mm)	560			-	610	X	600	EVIDENCE OF VERMIN	N
CHAMBER	SOFFIT	S	STEPS	6	LADDERS	-	LNDGS	-	-	1200	X	1200	CONSTRUCTI ON CODE	P

STRUCTURAL CONDITION	-	MAINTENANCE CONDITION	-	DEPTH OF FLOW (mm)	-	DEPTH OF SILT (mm)	-	HEIGHT SURCH (mm)	-	COVER LEVEL (m AD)	-

		UPSTREAM REFERENCE	PIPE SHAPE	PIPE SIZE (mm)			BACKDROP DIAM (mm)	PIPE MATERIA L	LINING	DEPTH FROM COVER (m)	INVERT LEVEL (m AD)
INCOMING PIPES	A	MHD4	C	300	X	-	-	PVC	-	2.410	
	B				X						
	C				X						
	D				X						
	E				X						
	F				X						

		DOWNSTREAM REFERENCE					COND	CRITY			
OUTGOING PIPES	X	MHD2	C	300	X	-	-	-	PVC	-	2.440
	Y				X						

CONDITION (Y if action required)											
COVER	N	IRONS / LADDERS	N	SHAFT	N	CHAMBER	N	BENCHING	N	OTHER	N

REMARKS

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LOCATION IMAGE -



INTERNAL IMAGE -

MANHOLE RECORD CARD

LOCATION	BIRDWELL ROUNDABOUT, BARNSLEY

NODE REFERENCE	MHD4
COORDINATES (m)	-,-
DRAINAGE AREA CODE	-
SURVEY DATE	08 Jun 2020

YEAR LAID	-		STATUS	PU	FUNCTION	S	NODE TYPE	M	COND ITION	SIZE (mm)			TOXIC ATMOSPHERE	N
COVER	SHAPE	D	HINGED	N	LOCK	N	DUTY	-	-	600	X	600	GAS TYPE	-
SHAFT	SIDE ENTRY	N	REGULAT COURSES	4	DEPTH (mm)	700			-	600	X	600	EVIDENCE OF VERMIN	N
CHAMBER	SOFFIT	S	STEPS	6	LADDERS	-	LNDGS	-	-	1200	X	1200	CONSTRUCTI ON CODE	P

STRUCTURAL CONDITION	-	MAINTENANCE CONDITION	-	DEPTH OF FLOW (mm)	-	DEPTH OF SILT (mm)	-	HEIGHT SURCH (mm)	-	COVER LEVEL (m AD)	-

INCOMING PIPES

	UPSTREAM REFERENCE	PIPE SHAPE	PIPE SIZE (mm)			BACKDROP DIAM (mm)	PIPE MATERIAL	LINING	DEPTH FROM COVER (m)	INVERT LEVEL (m AD)
A	OF14	C	150	X	-	-	PVC	-	2.520	
B	MHD5	C	300	X	-	-	PVC	-	2.570	
C	MHD8	C	225	X	-	225	PVC	-	1.620	
D				X						
E				X						
F				X						

OUTGOING PIPES

	DOWNSTREAM REFERENCE					COND	CRITY			
X	MHD3	C	300	X	-	-	-	PVC	-	2.600
Y				X						

CONDITION (Y if action required)	COVER	N	IRONS / LADDERS	N	SHAFT	N	CHAMBER	N	BENCHING	N	OTHER	N

REMARKS

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PIPE C DEPTH FROM COVER = 2.540



LOCATION IMAGE -



INTERNAL IMAGE -

MANHOLE RECORD CARD

LOCATION	BIRDWELL ROUNDABOUT, BARNSLEY

NODE REFERENCE	MHD5
COORDINATES (m)	-,-
DRAINAGE AREA CODE	-
SURVEY DATE	08 Jun 2020

YEAR LAID	-		STATUS	PU	FUNCTION	S	NODE TYPE	M	COND ITION	SIZE (mm)			TOXIC ATMOSPHERE	N
COVER	SHAPE	D	HINGED	N	LOCK	N	DUTY	-	-	610	X	610	GAS TYPE	-
SHAFT	SIDE ENTRY	N	REGULAT COURSES	1	DEPTH (mm)	450			-	610	X	610	EVIDENCE OF VERMIN	N
CHAMBER	SOFFIT	S	STEPS	5	LADDERS	-	LNDGS	-	-	1200	X	-	CONSTRUCTI ON CODE	P

STRUCTURAL CONDITION	-	MAINTENANCE CONDITION	-	DEPTH OF FLOW (mm)	-	DEPTH OF SILT (mm)	-	HEIGHT SURCH (mm)	-	COVER LEVEL (m AD)	-

INCOMING PIPES

	UPSTREAM REFERENCE	PIPE SHAPE	PIPE SIZE (mm)			BACKDROP DIAM (mm)	PIPE MATERIAL	LINING	DEPTH FROM COVER (m)	INVERT LEVEL (m AD)
A	MHD6	C	150	X	-	-	PVC	-	1.995	
B				X						
C				X						
D				X						
E				X						
F				X						

OUTGOING PIPES

	DOWNSTREAM REFERENCE					COND	CRITY			
X	MHD4	C	225	X	-	-	-	PVC	-	2.025
Y				X						

CONDITION (Y if action required)											
COVER	N	IRONS / LADDERS	N	SHAFT	N	CHAMBER	N	BENCHING	N	OTHER	N

REMARKS

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LOCATION IMAGE -



INTERNAL IMAGE -

MANHOLE RECORD CARD

LOCATION	BIRDWELL ROUNDABOUT, BARNSLEY

NODE REFERENCE	MHD6
COORDINATES (m)	-,-
DRAINAGE AREA CODE	-
SURVEY DATE	08 Jun 2020

YEAR LAID	-		STATUS	PU	FUNCTION	S	NODE TYPE	M	COND ITION	SIZE (mm)			TOXIC ATMOSPHERE	N
COVER	SHAPE	D	HINGED	N	LOCK	N	DUTY	H	-	610	X	610	GAS TYPE	-
SHAFT	SIDE ENTRY	N	REGULAT COURSES	1	DEPTH (mm)	400			-	610	X	610	EVIDENCE OF VERMIN	N
CHAMBER	SOFFIT	S	STEPS	4	LADDERS	-	LNDGS	-	-	1200	X	-	CONSTRUCTI ON CODE	P

STRUCTURAL CONDITION	-	MAINTENANCE CONDITION	-	DEPTH OF FLOW (mm)	-	DEPTH OF SILT (mm)	-	HEIGHT SURCH (mm)	-	COVER LEVEL (m AD)	-

		UPSTREAM REFERENCE	PIPE SHAPE	PIPE SIZE (mm)			BACKDROP DIAM (mm)	PIPE MATERIA L	LINING	DEPTH FROM COVER (m)	INVERT LEVEL (m AD)
INCOMING PIPES	A	MHD7	C	150	X	-	-	PVC	-	1.610	
	B				X						
	C				X						
	D				X						
	E				X						
	F				X						

		DOWNSTREAM REFERENCE					COND	CRITY			
OUTGOING PIPES	X	MHD5	C	225	X	-	-	-	PVC	-	1.640
	Y				X						

CONDITION (Y if action required)											
COVER	N	IRONS / LADDERS	N	SHAFT	N	CHAMBER	N	BENCHING	N	OTHER	N

REMARKS

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LOCATION IMAGE -



INTERNAL IMAGE -