# **Drainage Report**





Site

27 High Street Barford England CV35 8BU



SMART DRAIN UK Surveyor: Shaun

info@smartdrainuk.co.uk

Total Defects for Project

Total DRB Grades for Project





#### 27 High Street, Barford CV35 8BU - CCTV Survey Report : 19/01/24

Name: SMART DRAIN UK

Contact: Unit 5d

Location: West Midlands Trading Estate

Town: Consul Road

Region : Rugby
Postcode : CV21 1PB

Email: info@smartdrainuk.co.uk

Contact Number:

Surveyor: Shaun

Valid Certification No:

#### **Client Information**

Name :
Contact :
Location :
Town :
Region :
Postcode :
Tel :
Mobile :

#### **Site Information**

Name :

Email : Fax :

Contact:

Location: 27 High Street

Town: Barford
Region: England
Postcode: CV35 8BU

Tel:
Mobile:
Email:
Fax:

Total Defects for Project

Total DRB Grades for Project



#### Overview

Section: 1 From: MH1 To: MH2  Grade A  Grade A  Grade A  BRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Meet Ris: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Meet Ris: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Meet Ris: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul			
From: MH1 To: DOWNSTREAM  Grade A  Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul	From: MH1 To: MH2	Grade A	Pipe Size: 100 Material: Polyvinyl Chloride
From: MH1 To: DOWNSTREAM  Grade A  Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul			
From: MH2 To: WC1  Grade A  Grade A  Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul	From: MH1 To: DOWNSTREAM	Grade A	Pipe Size: 100 Material: Polyvinyl Chloride
From: MH2 To: WC1  Grade A  Grade A  Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul			
Section: 4 From: MH2 To: MH3  Grade A  Grade A  Grade A  Grade A  BRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul	From: MH2 To: WC1	Grade A	Pipe Size: 100 Material: Polyvinyl Chloride
From: MH2 To: MH3  Grade A  Grade A  Grade A  BRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul	14111		
From: MH3 To: WP1  Grade A  Grade A  Fipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul	From: MH2 To: MH3	Grade A	Pipe Size: 100 Material: Polyvinyl Chloride
From: MH3 To: WP1  Grade A  Grade A  Fipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul  DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul			
Section: 6 From: MH3 To: WP2  Grade B  Grade B  DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul	From: MH3	Grade A	Pipe Size: 100 Material: Polyvinyl Chloride
From: MH3 To: WP2  Grade B  Grade B  Grade B  Grade B  DRB Grade: B  Pipe Size: 100  Material: Polyvinyl Chloride  Use: Foul	MH		
МН	From: MH3	Grade B	Pipe Size: 100 Material: Polyvinyl Chloride
	МН		
	IVII I		



Section: 7 From: MH3 To: MH4	Grade A	DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul
МН		
Section: 8 From: MH4 To: UPSTREAM	Grade A	DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Foul
МН		



#### Section 1

	riigii Si	eet, bai	ioiu								Secu	<u> </u>
Clie	ent:	Location	Name):	City/T	city/Town/Village Cust Job Ref.			Survey	: Da	ıte:		
		27	High Str	eet	ı	Barford			SI	naun	19/01	/2024
Start Node R Start Node D Start Node C	epth:				ode Ref: ode Depth ode Coord		•	MH 0.0	2 Direction: 0 Use: Material:	F	Height/Dia: Shape: Cleaned	10
Node Type	Cover Co	ndition	Rench	ing Condit		1/2 Channe	I Conditio	ın I			n Remarks	
MH	Coverco	Idition	Dench	ing Condit	.1011	1/2 Onamie	Conditio	"11	Node	Conditio	II IXCIIIAINS	
Drain Type	Lining Typ	Lining Ma	at. Yea	ar Const.	Weather	Flow Cont.	Length	•	Gene	ral Rema	rks	
Α					D	N	7.64					
Position (	Code De	cription	•				CD	Pic	Video Ref		Om Om	
00.00m ľ	MH Sta	rt node typ	e, mai	nhole				0_0		_/	7	
00.00m \	NL Wa	ter level	0%					(	0:00:00	_/		
77.04111	vii ii I ii	sh node ty	γе, ш	armore				0_99			7.641	

Total Defects for section





#### Section 1

Pos	Video Ref	Code	Description	Image
00.00m		МН	Start node type, manhole MH1	Image Provided - Ref: 0_0
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
07.64m		MHF	Finish node type, manhole MH2	Image Provided - Ref: 0_9999  20 HIGH STORED ENTOUGHOUSE COME SED  RUN - 2 FROM: MH1 TO - MH2 DEPTH - 1 dM SIZE - 100MM MAT - VC/PVC DIR - U/S COM - RECORDED BACKWARDS





### Section 2

	9		ot, Dan	J. <b>G</b> .							Ocolii		
Client: Location (Street Name):				City/T	own/Village	Cust	Job Ref.	Surveyors Name:		Dat	te:		
			27 Hi	gh Street	E	Barford			Shaun		19/01/	19/01/2024	
Start Node Start Node Start Node	Depth:	ate:		•	ode Ref: ode Depth ode Coord		DOW	/NSTREAI 0.0	1	F	Height/Dia: Shape: Cleaned	10	
Node Type	Cov	er Cond	ition	Benching Condit	tion	1/2 Channe	l Conditio	on	Node	e Condition	Remarks		
МН													
rain Type	Lining	у Туре	Lining Mat.	Year Const.	Weather	Flow Cont.	Length		Gene	ral Remarl	ks		
Α					D	N	6.16						
Position	Code	Desc	ription	•		•	CD	Pic	Video Ref		0m		
00.00m			node type	, manhole				1_0		_//	7		
0.00m			r level 09						0:00:00	_/			
)2.20m				wer deviates	right [qu	uarter]			0:00:15				
			h node typ		0 11	•		1_99		$\overline{}$			
											6.16n	n	







#### Section 2

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH1	Image Provided - Ref: 1_0  Which Street, Barrone, cvto ser  RUN - 1  FROM: MH1  TO - AWAY FROM PROPERTY  DEPTH - 1 SW  SIZE - 10 SW  MAT - VC PVS  DIR - D-5  COM -
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
02.20m	0:00:15	LRQ	Line of drain/sewer deviates right [quarter]	
06.16m		OFF	Finish node type, outfall DOWNSTREAM OUT OF AREA	Image Provided - Ref: 1_9999





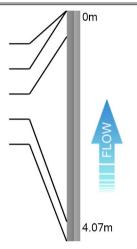
### Section 3

Location	(Street Name	e): City/T	own/Village	Cust Job Ref.	Surveyors	: Dat	te:	
27 F	27 High Street Barfo				Sha	iun	19/01/	2024
	MH2 Finis	sh Node Ref:		WC	1 Direction:	U	Height/Dia:	100
	1.30 Finis	sh Node Depth	:	0.0	0 Use:	F	Shape:	С
ate:	linate:		Material:	PVC	Cleaned	N		
er Condition	Benching Co	ondition	1/2 Channel C	ondition	Node (	Conditio	n Remarks	
	27 H	27 High Street  MH2 Fini 1.30 Fini ate: Fini	27 High Street  MH2 Finish Node Ref: 1.30 Finish Node Depth Finish Node Coord	27 High Street Barford  MH2 Finish Node Ref: 1.30 Finish Node Depth: Finish Node Coordinate:	27 High Street Barford  MH2 Finish Node Ref: WC 1.30 Finish Node Depth: 0.0 Finish Node Coordinate:	27 High Street Barford Sha  MH2 Finish Node Ref: WC1 Direction: 1.30 Finish Node Depth: 0.00 Use: Finish Node Coordinate: Material:	27 High Street Barford Shaun  MH2 Finish Node Ref: WC1 Direction: U 1.30 Finish Node Depth: 0.00 Use: F ate: Finish Node Coordinate: PVC	27 High Street Barford Shaun 19/01/  MH2 Finish Node Ref: WC1 Direction: U Height/Dia: 1.30 Finish Node Depth: 0.00 Use: F Shape: Finish Node Coordinate: Material: PVC Cleaned

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
Α				D	N	4.07	

Position	Code	Description	CD	Pic	Video Ref
00.00m	МН	Start node type, manhole		2_0	
00.00m	WL	Water level 0%			0:00:00
00.46m	LRQ	Line of drain/sewer deviates right [quarter]			0:00:07
03.72m	LUF	Line of drain/sewer deviates up [full]			0:00:25
04.07m	BRF	Finish node type, major connection without		2_99	



DRB Grade for Section Total Defects for section





#### Section 3

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH2	Image Provided - Ref: 2_0  WHEN SHEET BANKSHO, WHO SHE  RUN = B  ROM = MH2  TO - W/C  DEPTH = 1:3M  SIZE = 100MM  MAT - VC/PVC  DIR - U/S  COM -
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.46m	0:00:07	LRQ	Line of drain/sewer deviates right [quarter]	
03.72m	0:00:25	LUF	Line of drain/sewer deviates up [full]	
04.07m		BRF	Finish node type, major connection without manhole WC1	Image Provided - Ref: 2_9999





### Section 4

Client:	1	Street Name):		own/Village	Cust	Job Ref.	Surveyo	Dai		
Start Node Ref: Start Node Depth: Start Node Coordinate:		MH2 Finish No.				MH 0.0		U F	Height/Dia: Shape: Cleaned	100 C
Node Type Cover C	ndition E	Benching Condit	ion	1/2 Channel	Conditio	n	Node	Conditio	n Remarks	
МН				•						
Drain Type Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length		Gene	ral Rema	rks	
Α			D	N	1.63					
Position Code De	cription				CD	Pic	Video Ref		0m	
00.00m MH St	rt node type	, manhole				3_0		_/	/	
00.00m WL W	ter level 0%	%				(	0:00:00	_/		
01.63m MHF Fi	sh node type	e, manhole				3_99			1.63n	

Total Defects for section





#### Section 4

Pos	Video Ref	Code	Description	Image
00.00m		МН	Start node type, manhole MH2	Image Provided - Ref: 3_0  20 HIGH STREET, BARFORD, CV35 8BU  RUN: 4 FROM: MH2 TO: MH3 DEPTH: 1:3M SIZE: 100MM: MAT: VC PV6 DIR: U.S
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
01.63m		MHF	Finish node type, manhole MH3	Image Provided - Ref: 3_9999





### Section 5

CI	ient:		Location (	Street gh Stre		•	own/Village	Cust	Job Ref.		ors Name		Date: 01/2024
Start Node I Start Node I Start Node (	Depth:	ate:	27 111	МНЗ	Finish No		:		WF 0.0	21 Direction:	U F	Height/Dia	
Node Type	Cove	er Cond	ition I	Bench	ing Condit	ion	1/2 Channe	l Conditio	n	Node	e Conditio	n Remarks	
МН													
Drain Type	Lining	Туре	Lining Mat.	Yea	ar Const.	Weather	Flow Cont.	Length		Gene	ral Rema	rks	
Α						D	N	3.53					
Position 00.00m	МН	Start	node type		nhole			CD	4_0	Video Ref	_/	0n	1
00.00m	WL	Wate	r level 0%	6						0:00:00		- 1	
03.08m	LUF	Line	of drain/se	wer c	deviates	up [full]				0:00:16		- 1	<b>A</b>
03.53m			n node typ	,					4_99		\\	3.8	MOTA 1

DRB Grade for Section Total Defects for section









#### Section 5

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 4_0  ZO HIGH STREET, RAREORD, DOORS OND  EUN -5: FROM: MH3 FO - KITCHEN W.P. DEPTH - 1 - 2M  SIZE - 100MM  MAT - VC/PVC: DIR - U/S  COM -
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
03.08m	0:00:16	LUF	Line of drain/sewer deviates up [full]	
03.53m		BRF	Finish node type, major connection without manhole WP1	Image Provided - Ref: 4_9999





Site: 21	High	1 Stre	et, Barf	ora								Sect	on 6
Cli	ient:		Location	(Street	Name):	City/T	own/Village	Cust	Job Ref.	Surveyo	ors Name:	: D	ate:
			27 H	igh Stre	eet	E	Barford			Sł	naun	19/0	1/2024
Start Node F	Ref:			MH3	Finish N	ode Ref:			WP2	Direction:	U	Height/Dia:	100
Start Node I				1.20		ode Depth:			0.00	1	F	Shape:	(
Start Node (						ode Coord	inate:			Material:	PVC	Cleaned	1
Node Type MH	Cove	er Cond	lition	Benchi	ng Condit	ion	1/2 Channe	l Conditio	on	Node	e Condition	n Remarks	
Orain Type	Lining	Туре	Lining Mat	Vos	ar Const.	Weather	Flow Cont.	Length		Gene	ral Remai	rke	
A	Lilling	утурс	Liming wat	100		D	N	6.76		Octio	Tai Itomai	110	
Position	Code	Desc	rintion				1	CD	Pic \	/ideo Ref		/ 0m	
00.00m			node type	e, mar	nhole			02	5_0	1000 1101	_/	/	
00.00m			er level 0							0:00:00	_/		
05.24m	DEG	Attac	hed depo	sits, g	rease C	)4-07 10°	%		5_2 0	0:00:49	$\neg$		<u> </u>
06.14m	LUF	Line	of drain/se	ewer c	deviates	up [full]			C	:01:10	$\neg$		>
06.76m	BRF	Finis	h node typ	oe, ma	ajor coni	nection w	vithout					6.76	Sm Sm

Total Defects for section



#### Section 6

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 5_0  27 HIGH STREET, BARFORD, CV35 88U  RUN - 6. FROM: MH3  TO: KITCHEN W P2  DEPTH - 1.2M  SIZE 100MM: MAT: VC PVC  DIR - U/S  COM:
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
05.24m	0:00:49	DEG	Attached deposits, grease from 04 o'clock to 07 o'clock: 10% Cross sectional area loss - Severity 3	Image Provided - Ref: 5_2
06.14m	0:01:10	LUF	Line of drain/sewer deviates up [full]	
06.76m		BRF	Finish node type, major connection without manhole WP2	



#### Section 7

Client:	Location (Street	Name):	City/To	own/Village	Cust Job Ref.	Surveyo	:	Date:		
	27 High Stre	eet	В	arford		Sha	aun		19/01/2	2024
Start Node Ref:	MH3	Finish N	ode Ref:		MH	I4 Direction:	U	Heig	ht/Dia:	100
Start Node Depth:	1.20	Finish N	ode Depth:		0.0	00 Use:	F	Shap	pe:	С
Start Node Coordinate:		Finish N	ode Coordi	nate:		Material:	PVC	Clea	ined	N
Nodo Typo Coyor Cond	lition Bonchi	na Condit	ion	1/2 Channal Co	andition	Nodo	Conditio	n Don	narke	

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
Α				D	N	5.62	

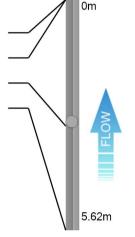
Position Code Description CD Pic Video Ref

00.00m MH Start node type, manhole 6\_0

00.00m WL Water level 0% 0:00:00

03.08m JN Junction 12:100mm Diameter 6\_2 0:00:15

05.62m MHF Finish node type, manhole 6\_99



Total Defects for section





#### Section 7

Pos	Video Ref	Code	Description	Image
00.00m		МН	Start node type, manhole MH3	Image Provided - Ref: 6_0  27 High Street BARFORD G035880  SUN 7 FROM MH3 TO MH3 DEPTH - 1 2M SIZE 100MM MA7 VC-PU3 DIS-0.5 COM-
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
03.08m	0:00:15	JN	Junction at 12 o'clock: 100mm Diameter	Image Provided - Ref: 6_2
05.62m		MHF	Finish node type, manhole MH4	Image Provided - Ref: 6_9999





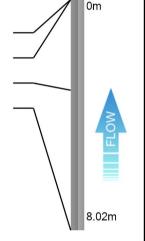
#### **Section 8**

Clie	ent:	Location (Stree	t Name):	City/T	Town/Village	Cust Job Ref.	Surveyo	rs Name	:	Date	:
		27 High St	reet	ı	Barford		Sh	aun		19/01/2	024
Start Node R	ef:	MH	Finish N	ode Ref:		UPSTREA	M Direction:	U	Heig	ht/Dia:	100
Start Node D	epth:	1.10	Finish N	ode Depth	:	0.0	00 Use:	F	Shap	e:	С
Start Node C	Finish N	Finish Node Coordinate:			Material:	PVC	Clea	ned	N		
Node Type	ning Condit	tion	1/2 Channel C	Condition	Node	Conditio	n Ren	narks			

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
Α				D	N	8.02	

Position CodeDescriptionCDPicVideo Ref00.00mMHStart node type, manhole7\_000.00mWLWater level 0%0:00:0003.15mLLQLine of drain/sewer deviates left [quarter]0:00:1408.02mOFFFinish node type, outfall7\_99



Total Defects for section DRB Grade for Section

0 0 0 0



#### Section 8

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH4	Image Provided - Ref: 7_0
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
03.15m	0:00:14	LLQ	Line of drain/sewer deviates left [quarter]	
08.02m		OFF	Finish node type, outfall UPSTREAM OUT OF AREA	Image Provided - Ref: 7_9999



