

Freedom of Information Request
Reference FOI/19/02250

Annex A

redacted 11(2)

From: redacted 11(2)
Sent: 01 May 2019 12:45
To: redacted 11(2)
Cc: redacted 11(2)
Subject: redacted - SW - Lesmahagow - redacted 11(2)
Follow Up Flag: Follow up
Flag Status: Flagged

Dear redacted 11(2)
out of scope

out of scope

attachment.

he location of the uncovered manhole are contained in the second



n320027_29-03-... n320027_28-03-...

redacted 10(5)(b)

I have been asked to send this request to you by redacted 11(2)

Thank you for your assistance in this matter.

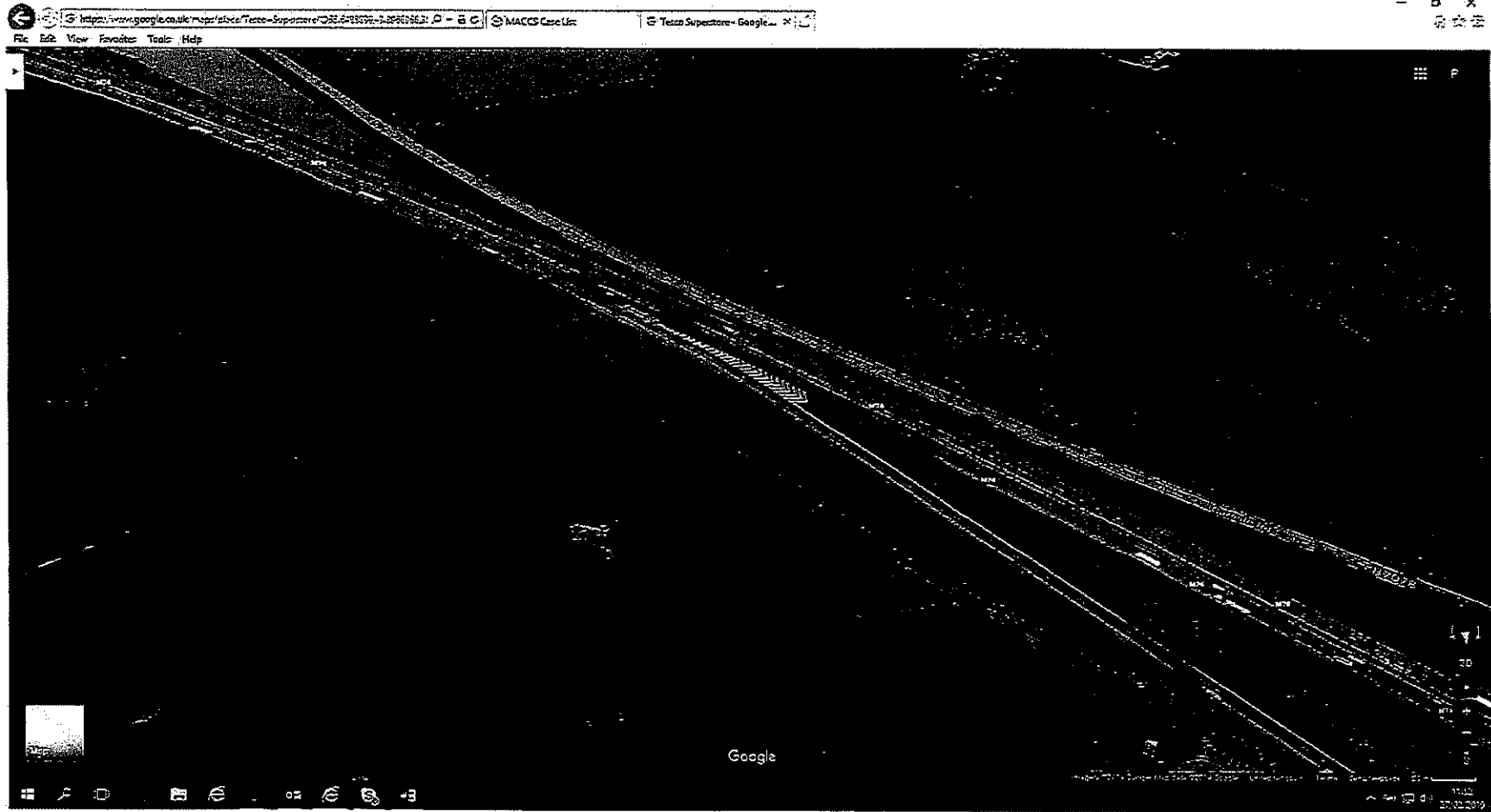
Yours sincerely

redacted 11(2)

redacted 11(2)

For agency and travel information visit our website.

Please see our privacy policy to find out why we collect personal information and how we use it.



↓
FOOTPATH

-----Original Message-----

From: redacted 11(2)

Sent: 24 June 2019 08:22

To: redacted 11(2)

redacted 11(2)

Subject: M74 jct 10 Manhole

Good Morning redacted 11(2)

I arranged for our guys to go to site on Saturday morning and take some photo's as attached.

The flow of the Manhole is running parallel with the M74 in the N/B direction. There does not appear to be any outfalls from the M74 side indicating that the trunk road drainage system is connected to the system, however it may be connected to the main carrier pipe.

The overall depth of the manhole is approximately 3.4 metres deep, with 2 x 500mm inlets and a 1.2metre outlet. The area has been protected by pedestrian barrier.

Kind Regards

redacted 11(2)

Follow us on twitter @ScotTranserv

redacted 11(2)

From: redacted 11(2)
Sent: 28 June 2019 09:35
To: redacted 11(2)
Cc:
Subject: RE: M74 jct 10 Manhole
Attachments: SnipImage.jpg

Hi redacted 11(2)

Yes we checked the vault in SRWR and this only the manholes and gullies within the Trunk Road Boundary, which it did highlight a Scottish Water Sewer which is in black on the attachment, which could be this system which we have protected although it doesn't show the manholes.

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Thanks

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Subject: RE: M74 jct 10 Manhole

Good Morning redacted 11(2)

I have attached the photos of the newly installed fencing.

Kind regards

redacted

From:

Sent: 27 Jun 2019 19:03

Subject: RE: M74 jct 10 Manhole

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redacted
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Regards

redacted
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-----Original Message-----

From: redacted 11(2)

Sent: 26 June 2019 18:03

redacted 11(2)

Subject: RE: M74 jct 10 Manhole

Hi redacted
11(2)

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Sent: 24 June 2019 18:56

To: redacted 11(2)

Cc:

Subject: RE: M74 jct 10 Manhole

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We will have permanently fenced this off by Wednesday 26th June and I will let you know about the dye test too.

Kind regards

redacted
11(2)

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From: redacted 11(2)

Sent: 24 June 2019 10:55

To: redacted 11(2)

Cc:

Subject: RE: M74 jct 10 Manhole

Thanks, redacted
11(2)

Do you think the dye test is still required to confirm whose asset it is? Does it look too large to serve the adjacent local roads/paths? Also, one of the pictures shows red barriers at the bottom of a bright manhole (as opposed to the blue ones in the manhole in question). Are there a series of these in the verge and are they all uncovered?

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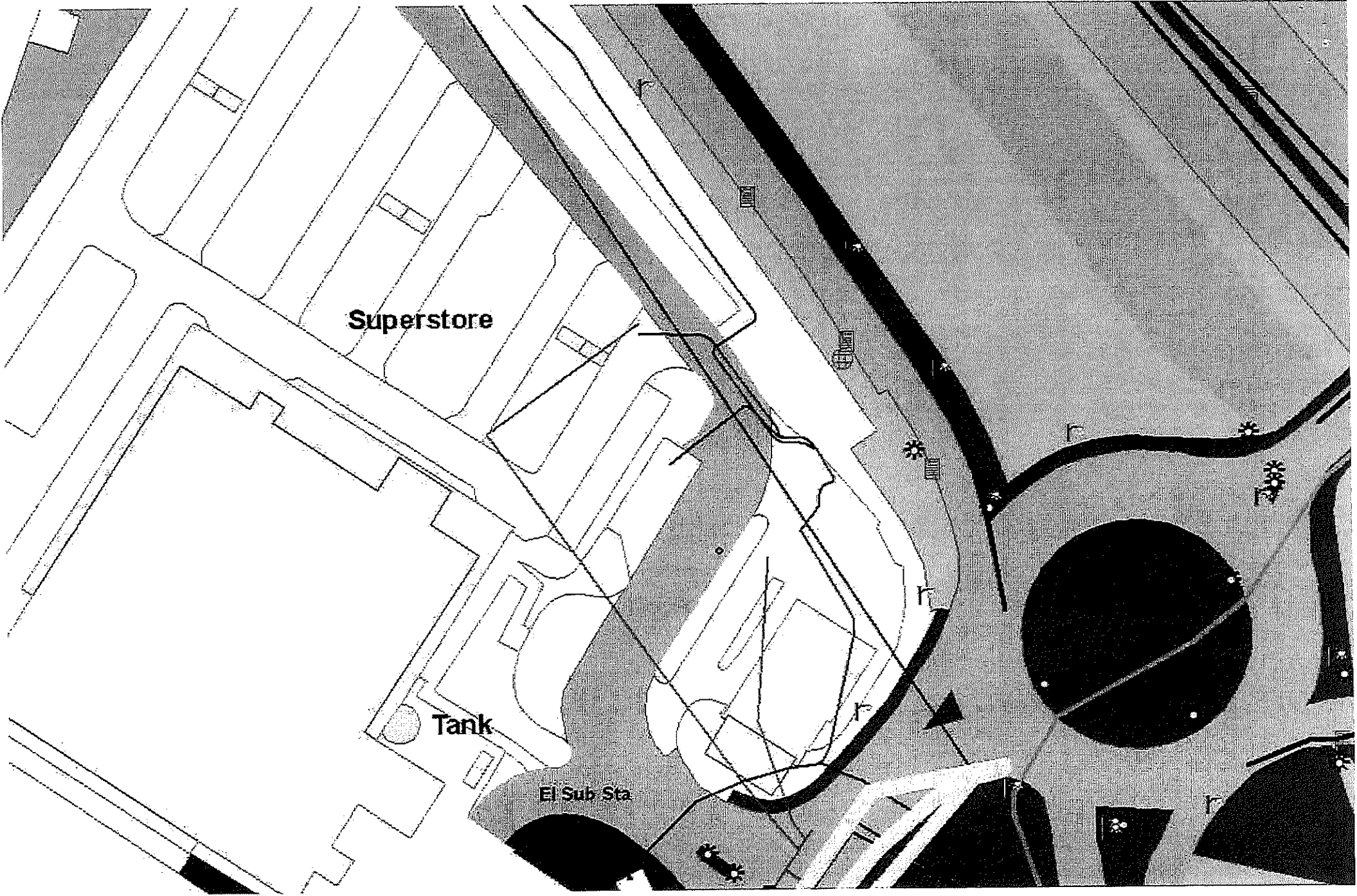
Follow us on twitter @ScotTranserv

-----Original Message-----

Superstore

Tank

El Sub Sta



redacted 11(2)

From: redacted 11(2)
Sent: 28 June 2019 10:43
To: redacted 11(2)
Cc:
Subject: FW: M74 jct 10 Manhole
Attachments: SnipImage.jpg

redacted 11(2)

As per our conversation, please see the section from the mast northwards.

Red line - Scottish Power
Black line- Scottish Water Sewer.

Kind Regards

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redacted 11(2)

From: redacted 11(2)
Sent: 24 JUL 2015 00:22
To: redacted 11(2)
Subject: M74 jct 10 Manhole
Attachments: IMG_4027.JPG; IMG_4028.JPG; IMG_4029.JPG; IMG_4030.JPG; IMG_4031.JPG

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redacted 11(2)

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>











From: redacted 11(2)
Sent: 10 June 2019 16:09
To: redacted 11(2)
Cc:
Subject: redacted - Lesmahagow redacted 11(2)
Importance: High

Hi redacted
11(2)
redacted out of scope
11(2)

Can you advise whether or not your operatives actually went down into the shaft? If not would it be possible for them to do so in order to establish who might be responsible for this and if so can this be done before 26th June.

Also we would like the area around the shaft to be fenced off. Can you raise a bid for this work to be carried out.

Regards
redacted 11(2)

redacted 11(2)
From:
Sent: 20 May 2019 18:32
To: redacted 11(2)
Subject: redacted 11(2) Lesmahagow - redacted 11(2)

redacted
11(2)

Please find attached photographs of (1) footpath, (2) location of manhole in relation to footpath – the top of the blue barrier can just be seen in the middle above the bund of ground, (3 and 4), manhole with blue temporary barrier which has been erected at some point. We have not been able to identify the owner of the manhole.

redacted 11(2)

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Sent: 01 May 2019 12:45
To: redacted 11(2)
Cc:
redacted 11(2)
Subject: redacted 11(2) - Lesmahagow - redacted 11(2)

redacted
Deal: redacted 11(2)
out of scope

out of scope
attachment.
out of scope
manhole.

the location of the uncovered manhole are contained in the second

we are trying to establish who owns the

We would be grateful if you could arrange for one of your operatives to visit the site to establish who the manhole belongs to. We would be obliged if they could also take photos of the manhole and the location to give us a better understanding of where it is in relation to the footpath.

From: redacted 11(2)

Sent: 21 June 2019 16:04

To: redacted 11(2)

Cc:
redacted 11(2)

Subject: RE: M74 Lesmahagow Manhole

redacted
11(2)

The priority action was to go down into the manhole and determine if it was a piece of utility infrastructure or road drainage, and if the latter, to then to determine if it served the trunk or local roads (i.e. which was were the pipe feeding into it from).

This is what I was told was getting done on 11 June in our emails and over our phone calls.

This is the urgent aspect as we need to confirm if the ^{out of scope} ours or not. Has that been done and if not, it need to be an urgent priority and fed back to TS?

Regards

redacted 11(2)

From: Redacted (11(2))
Sent: 28 June 2019 07:11
To: Redacted (11(2))
Cc: Redacted (11(2))
Subject: RE: M74 jct 10 Manhole
Attachments: IMG_4075.jpg; IMG_4076.jpg; IMG_4077.jpg; IMG_4078.jpg; IMG_4079.jpg

Good Morning Redacted (11(2))

I have attached the photos of the newly installed fencing.

Kind regards

Redacted

From:
Sent: 27 Jun 2019 19:03
To: Redacted (11(2))
Redacted (11(2))

Subject: RE: M74 jct 10 Manhole

Redacted
Redacted (11(2))

That is out thought although the only way to fully determine that would be to do the CCTV survey.

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Redacted (11(2))

-----Original Message-----

From: Redacted (11(2))

Sent: 27 June 2019 09:46

To: Redacted (11(2))

Cc: Redacted (11(2))

Subject: RE: M74 jct 10 Manhole

Thank you Redacted (11(2))

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Cc:

Subject: RE: M74 jct 10 Manhole

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Network Manager

ScotlandTranServ

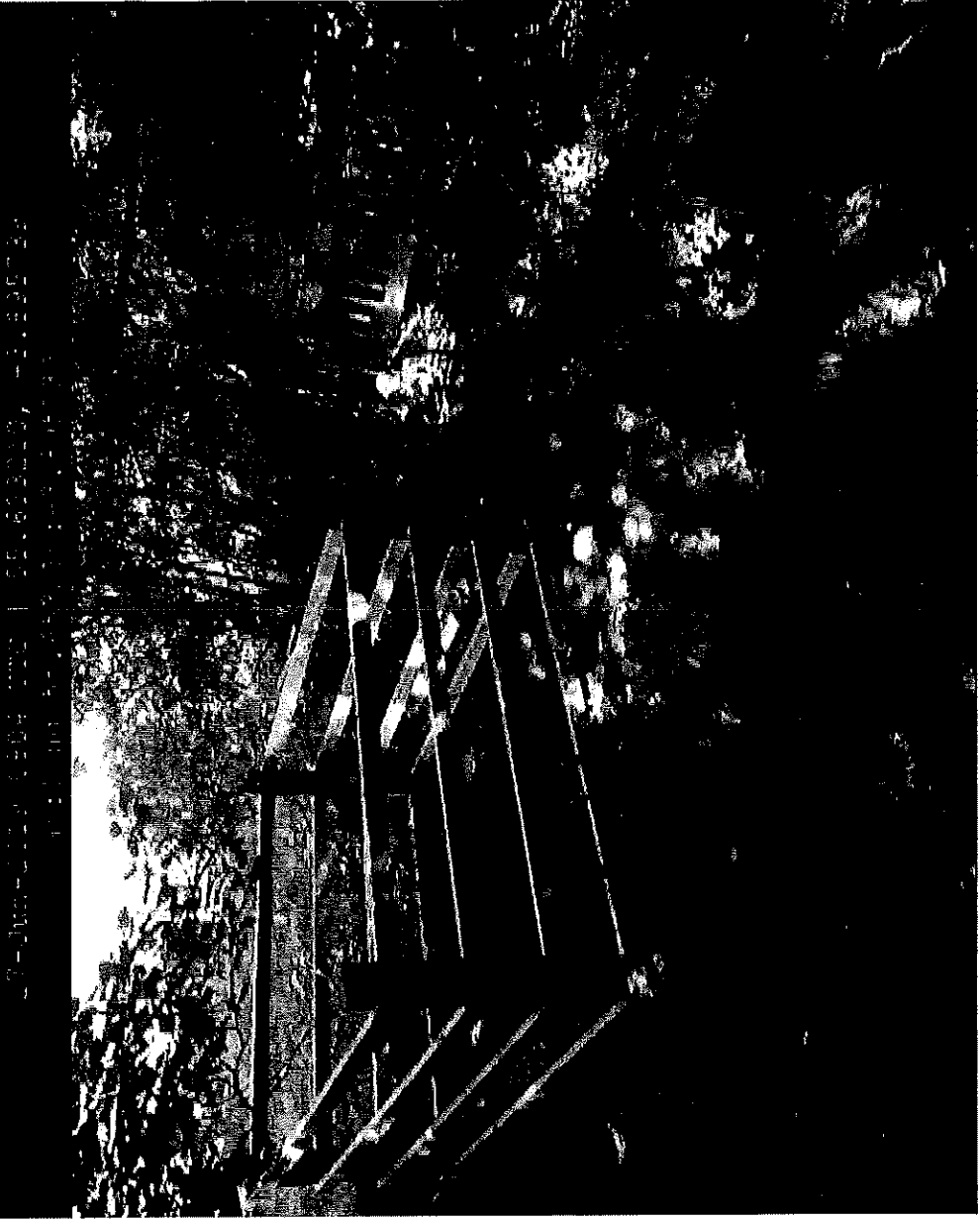
150 Polmadie Road : Glasgow : G5 OHD

W www.scotlandtranserv.co.uk

Follow us on twitter @ScotTranserv











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Subject: FW: M74 jct 10 Manhole

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Transport Scotland
Buchanan House
58 Port Dundas Road
Glasgow
G4 0HF

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To: Redacted (11(2))
Redacted (11(2))
Cc: Redacted (11(2))
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Subject: RE: M74 jct 10 Manhole

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Kind regards

Redact

!

~~June 27, 2019 19:03~~

To:

Cc:

Regards

Sent with BlackBerry Work (www.blackberry.com)

From

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ScotlandTranServ
150 Polmadie Road : Glasgow : G5 OHD

Redacted (11(2))

From: Redacted (11(2))
Sent: 11 June 2019 16:47
To: Redacted (11(2))
Subject: Redacted (11(2)) - Lesmahagow - Redacted (11(2)) Information to TranServ for more detailed inspection and temporary fence erection - 11 June 2019

Redacted (11(2))

With apologies for the file size, here are some emails from the recent past on this which Andy was helping us out with. It might be the Tesco one you mentioned on the phone.

Redacted (10(5)(b))

Redacted We asked Redacted to check out the manhole and to see if it was ours. On 20 May, Redacted provided photos and said it wasn't established whose it was.

Establishing ownership of the manhole is key so Redacted and I discussed and then emailed Redacted to see if the lads had gone down into the manhole so that they could say if it was a roads one (and whether from the motorway or the adjacent local road) or a utility. We're still unsure on that. Therefore, can you please check that point and if they didn't go in, can they do so please and take photos of the insides to indicate whose manhole it is? Redacted (10(5)(b))

Redacted asked Sc Water to go check it and they replied below (not theirs) but is it linked to the m'way or the local road.

Can you also confirm if it is on the STS asset register/IRIS please and provide a screen shot?

Also, can you please arrange for the erection of a temporary fence to stop anyone falling in please and send the bid to Redacted (11(2))

Thanks

Redacted (11(2))

Please see our [privacy policy](#) to find out why we collect personal information and how we use it

From: Redacted (11(2))
Sent: 11 June 2019 16:29
To: Redacted (11(2))
Cc:
Redacted (11(2)),
Subject:

Redacted (11(2))

As discussed.

Scottish Water have attended the site and confirmed the manhole is not theirs. It is a roads surface water culvert. He has sprayed the footpath with blue paint as a marker for the location of the culvert.

The footpath is located at the very back of Tesco car park beyond the telephone mast. These are the co-ordinates given by the solicitors

Approximately 55°39'05.3"N 3°53'40.7"W on Google

but Scottish Water could not locate it using this information. I have attached the photos taken previously by Transerv.



Lesmahagow,do...

Regards

Redacted
(11(2))

Redacted (11(2))
From
Sent: 10 June 2019 16:09
To:Redacted (11(2))
Cc:
Subject: FW:
Importance: High

Redacted
Hi
Redacted (11(2)) were having another chat about this case.

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-----Original Message-----
From: Redacted (11(2))
Sent: 24 June 2019 10:35
To: Redacted (11(2))
Cc:
Subject: RE: M74 jct 10 Manhole
Redacted
Thank(11(2))

Do you think the dye test is still required to confirm whose asset it is? Does it look too large to serve the adjacent local roads/paths? Also, one of the pictures shows red barriers at the bottom of a bright manhole (as opposed to the blue ones in the manhole in question). Are there a series of these in the verge and are they all uncovered?

Regards

Redacted (11(2))

Please see our privacy policy to find out why we collect personal information and how we use it

-----Original Message-----
From: Redacted (11(2))
Sent: 24 June 2019 08:22
Redacted (11(2))
Subject: M74 jct 10 Manhole

Good Morning Redacted

I arranged for our guys to go to site on Saturday morning and take some photo's as attached.

The flow of the Manhole is running parallel with the M74 in the N/B direction. There does not appear to be any outfalls from the M74 side indicating that the trunk road drainage system is connected to the system, however it may be connected to the main carrier pipe.

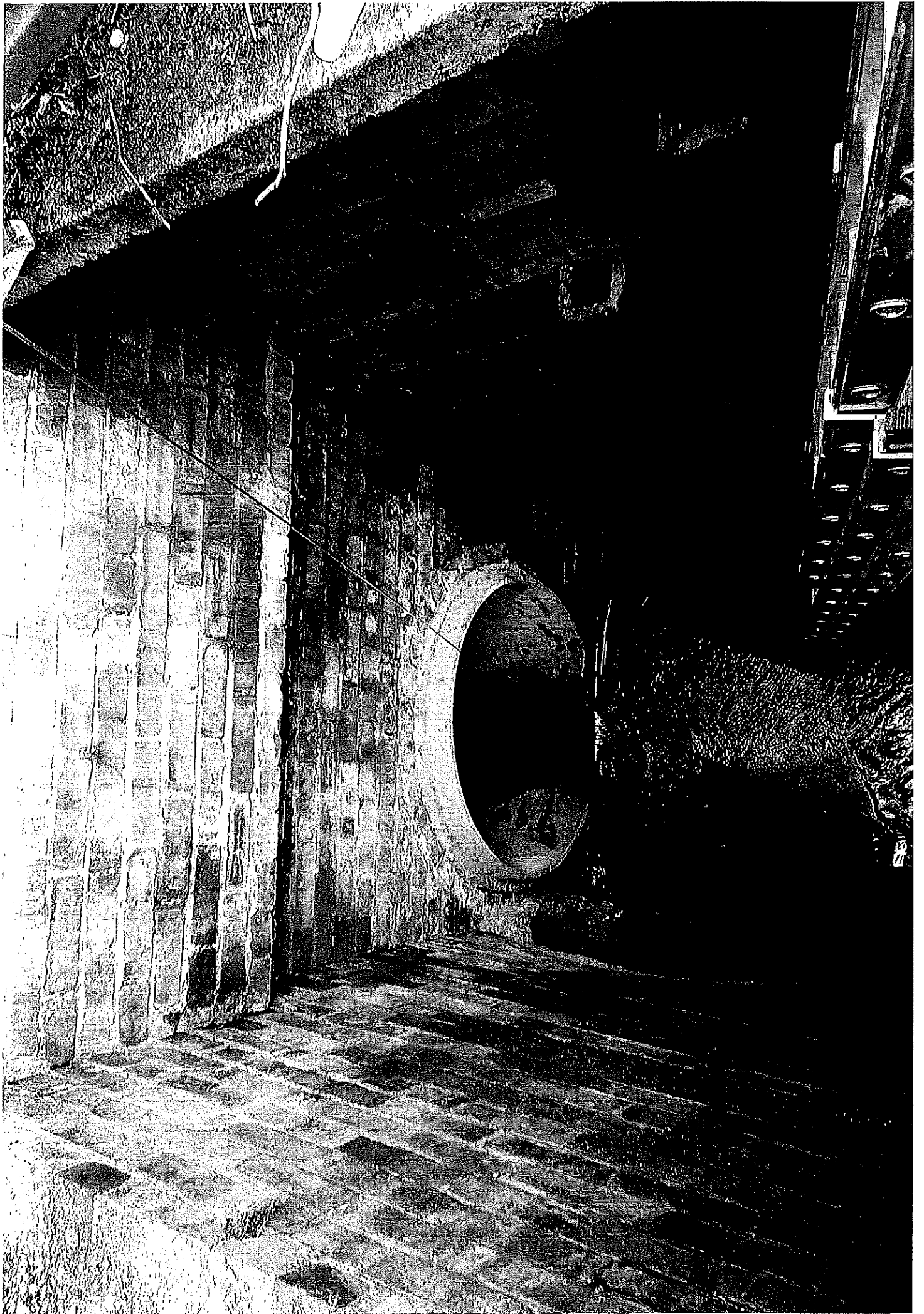
The overall depth of the manhole is approximately 3.4 metres deep, with 2 x 500mm inlets and a 1.2metre outlet. The area has been protected by pedestrian barrier.

Kind Regards

Redacted (11(2))

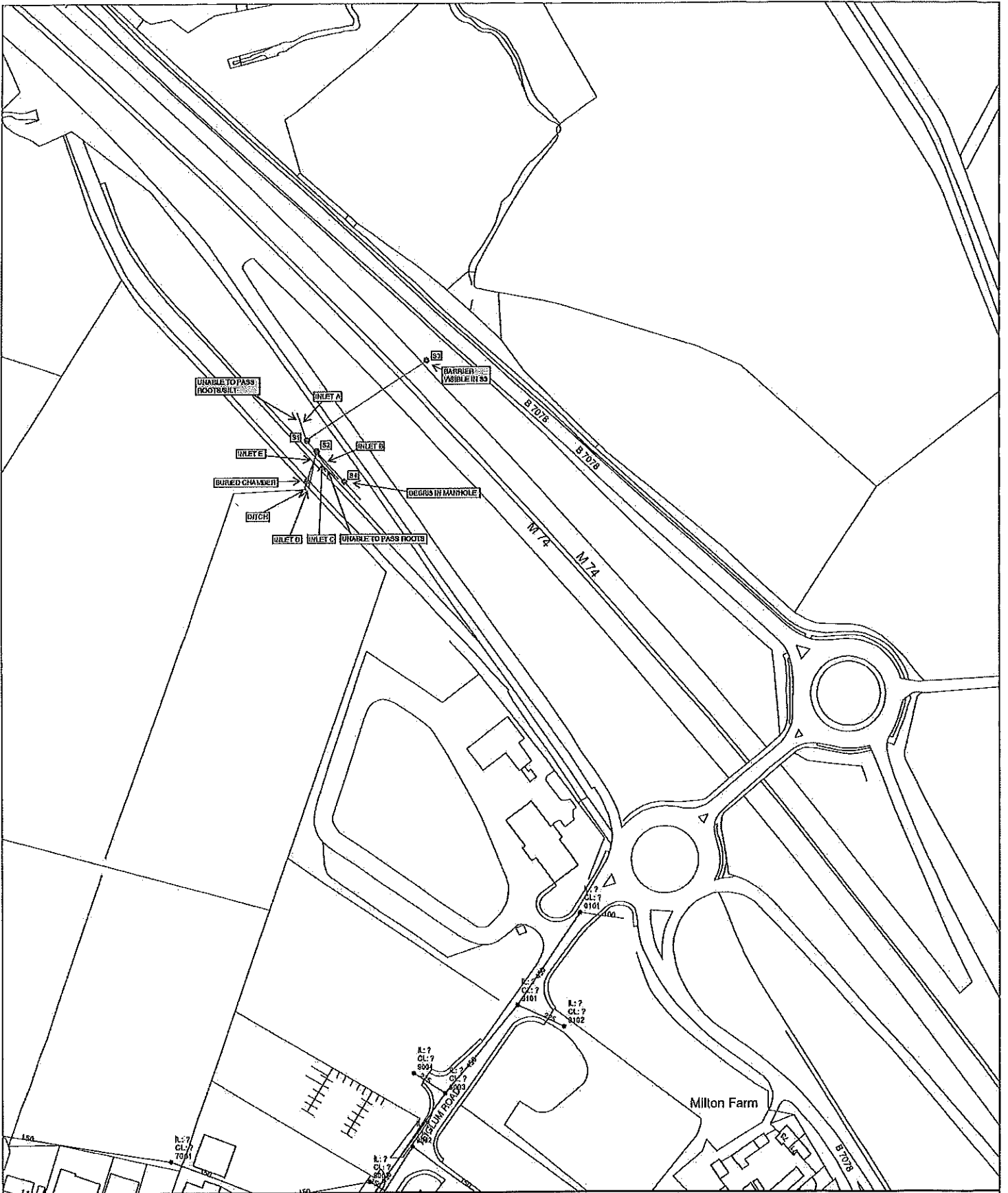
Network Manager

ScotlandTranServ
150 Polmadie Road : Glasgow : G5 OHD
Redacted (11(2))





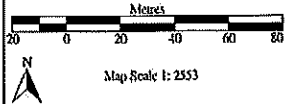




Project Information:
 Project Name: East
 Start Date: 01/11/2003
 End Date: 30/11/2004

Plot Information:
 Date of Plot:
 Monday, July 08, 2019
 09:56:57

- Legend
- CSO
 - Foul
 - Surface
 - Combined
 - Water



The representation of physical assets and the boundaries of areas in which Scottish Water and others have an interest does not necessarily imply their true position. For further details contact the appropriate Regional Operating Centre.



This map is based upon the OS map by Scottish Water with the permission of the Controller of Her Majesty's Stationary Office. (c) Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.

Client :

**Hamilton
Industrial
Services**

HAMILTON INDUSTRIAL SERVICES
1 TENNANT AVENUE
EAST KILBRIDE
Tel: 01355 246333
Fax: 01355 246033
Email:

Project-information

Project name :
SCOTLAND TRANSERV M74 JN10 N

Contract Number :

Contact :

Date :
08/07/2019

Client: **SCOTLAND TRANSERV**
Contact Name: Redacted (11(2))
Department:
Road: **150 POLMADIE ROAD**
Town: **GLASGOW**
County: **G5 0HD**
Telephone: Redacted (11(2))
Fax:
Mobile:
E-mail:

Site: **M74 JUNCTION 10**
Contact Name:
Department:
Road: **M74 NORTHBOUND**
Town:
County:
Telephone:
Fax:
Mobile:
E-mail:

Contractor **HAMILTON INDUSTRIAL SERVICES**
Contact Name: Redacted (11(2))
Department:
Road: Redacted (11(2))
Town:
County:
Telephone: Redacted (11(2))
Fax:
Mobile:
E-mail:

Client :

**Hamilton
Industrial
Services**

HAMILTON INDUSTRIAL SERVICES
Redacted
(11(2))

Project-information

Project name : SCOTLAND TRANSERV M74 JN10 N	Contract Number :	Contact :	Date : 08/07/2019
--	-------------------	-----------	----------------------

FURTHER CLEANING WORKS REQUIRED ON TWO SECTIONS OF PIPE TO REMOVE ROOTS AND TO ALLOW FURTHER SURVEY.

S4 REQUIRES DEBRIS TO BE REMOVED FROM MANHOLE TO ALLOW ANY FURTHER UPSTREAM SURVEYS.

Hamilton Industrial Services

Redacted
(11(2))

Inspection report

Date : 08/07/2019	Job number : 07119/038	Weather : Dry	Sewer category:	Section number : 1	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : no	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S1 (D/S) S3	Location details: Catchment: Tape number : Pipe length :	WOODS 2.50 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	S1 S3
---	--	---	-----------------	--	----------

Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset conditton	Pipe shape : Pipe size : Pipe material : Lining :	Circular 1100 mm Concrete
--	---	--	---------------------------------

Comment :

1:405	Position	Code	Observation	Grade
	0.60	ST	Start of survey	(Misc) 0
	0.60	MH	Manhole Remarks: S1	(Constr) 0
	0.60	WL	Water level, 5% of sewer height Remarks: LIVE	(Serv) 0
	49.80	GO	General observation Remarks: Barrier Visible Within MH S3	(Misc) 0
	49.80	MH	Manhole Remarks: S3	(Constr) 0
	49.80	FH	Finish survey	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	0	0	0	0	1

Hamilton Industrial Services

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(11(2))

Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 2	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : no	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S1 (U/S) S2	Location details: WOODS Catchment: Tape number : Pipe length : 2.60 m	U/S MH : S2 U/S Depth : D/S MH : S1 D/S Depth :
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Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determine asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 1100 mm Concrete
--	--	--	---------------------------------

Comment :

1:50	Position	Code	Observation	Grade
		ST	Start of survey	(Misc) 0
		MH	Manhole Remarks: S1	(Constr) 0
		WL	Water level, 5% of sewer height Remarks: LIVE	(Serv) 0
		MH	Manhole Remarks: S2	(Constr) 0
		FH	Finish survey	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	0	0	0	0	1

Hamilton Industrial Services	HAMILTON INDUSTRIAL SERVICES	
	Redacted (11(2))	

Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 3	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : no	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S2 (U/S) INLET B	Location details: Catchment: Tape number : Pipe length :	WOODS 2.50 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET B S2
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Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 550 mm Concrete
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Comment :

1:360	Position	Code	Observation	Grade
	0.60	ST	Start of survey	(Misc) 0
	0.60	MH	Manhole Remarks: S2	(Constr) 0
	0.60	GO	General observation Remarks: INLET PIPE B	(Misc) 0
	0.60	WL	Water level, 5% of sewer height Remarks: LIVE	(Serv) 0
	44.30	MH	Manhole Remarks: S4	(Constr) 0
	44.30	GO	General observation Remarks: Debris Visible In MH S4	(Misc) 0
	44.30	FH	Finish survey	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	0	0	0	0	1

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(11(2))

Inspection report

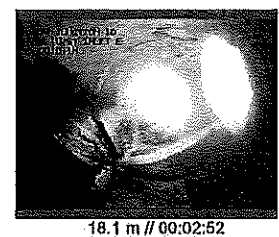
Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 4	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : no	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S2 (U/S) INLET E	Location details: WOODS Catchment: Tape number : Pipe length : 1.60 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET E S2
---	---	--	--	---------------

Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 460 mm Vitrified clay
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Comment :

1:150	Position	Code	Observation	Grade
	0.00	ST	Start of survey	(Misc) 0
	0.00	MH	Manhole Remarks: S2	(Constr) 0
	0.00	GO	General observallon Remarks: INLET PIPE E	(Misc) 0
	0.00	WL	Water level, 5% of sewer height Remarks: LIVE	(Serv) 0
	6.00	S1 LL	Line of sewer deviates left, Start Remarks: SLIGHT	(Serv) 0
	6.00	CM	Cracks, multiple, from 9 to 3 o'clock	(Struct) 3
	10.50	F1 LL	Line of sewer deviates left, End Remarks: SLIGHT	(Serv) 0
	15.20	CN	Connection, at 10 o'clock, 150mm diameter	(Constr) 0
	16.10	GO	General observation Remarks: CHAMBER	(Misc) 0
	18.10	H	Hole in sewer, from 9 to 1 o'clock	(Struct) 5
	18.70	GO	General observallon Remarks: DITCH	(Misc) 0
	18.70	FH	Finish survey Remarks: LIMIT OF SURVEY REACHED	(Misc) 0



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	165	10.98	205	5	0	0	0	0	1

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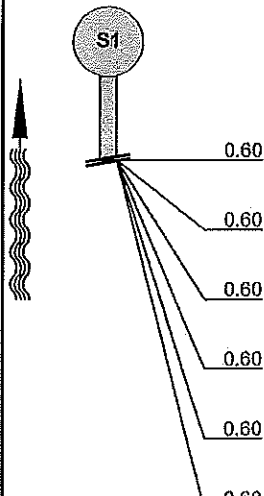

Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 6	PLR suffix : X
Present :	Vehicle : Redacte	Camera :	Preset :	Cleaned : no	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S1 (U/S) INLET A	Location details: WOODS Catchment: Tape number : Pipe length : 1.50 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET A S1
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Use: Surface water Year laid : Z Purpose : Sample survey to determin asset condition Total length :	Pipe shape : Circular Pipe size : 225 mm Pipe material : Vitrified clay Lining :
--	---

Comment :

1:50	Position	Code	Observation	Grade	
					
	0.60	ST	Start of survey	(Misc) 0	0.6 m // 00:00:46
	0.60	MH	Manhole Remarks: S1	(Constr) 0	
	0.60	GO	General observation Remarks: INLET PIPE A	(Misc) 0	
	0.60	WL	Water level, 05% of sewer height	(Serv) 0	
	0.60	DES	Debris silt, 50% cross-sectional area loss	(Serv) 4	
	0.60	SA	Survey abandoned Remarks: HIGH SILT LEVEL	(Misc) 0	

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	1	5	0.33	5	5

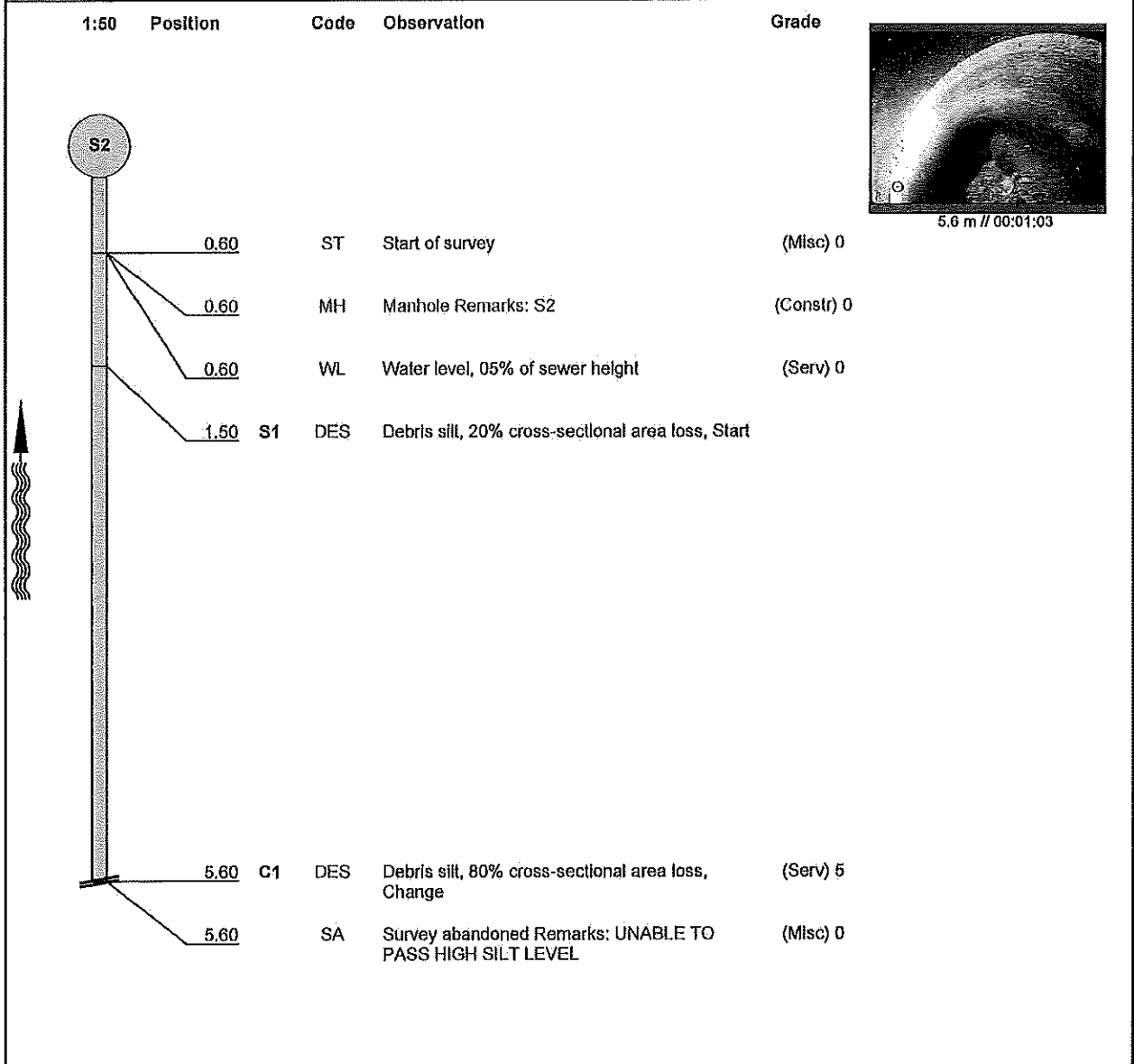
Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 6	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : no	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S2 (U/S) INLET D	Location details: WOODS Catchment: Tape number : Pipe length : 1.60 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET D S2
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Use: Surface water Year laid: Z Purpose: Sample survey to determin asset condition Total length :	Pipe shape : Circular Pipe size : 225 mm Pipe material : Vitrified clay Lining :
--	---

Comment :



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	1	10	7.32	41	6

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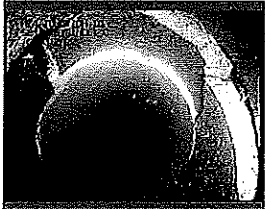
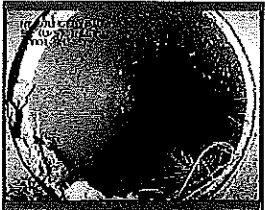

Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 7	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : no	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S2 (U/S) INLET C	Location details: Catchment: Tape number : Pipe length :	WOODS S2 (U/S) INLET C 1.60 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET C S2
---	---	---	-------------------------------------	--	---------------

Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 150 mm Vitrified clay
--	---	--	--------------------------------------

Comment :

1:90	Position	Code	Observation	Grade	
	0.20	ST	Start of survey	(Misc) 0	
	0.20	MH	Manhole Remarks: S2	(Constr) 0	
	0.20	GO	General observation Remarks: INLET PIPE C	(Misc) 0	0.2 m // 00:00:34
	0.20	WL	Water level, 05% of sewer height	(Serv) 0	
	0.20	FL	Fracture, longitudinal, at 11 o'clock	(Struct) 3	0.2 m // 00:00:39
	0.20	FL	Fracture, longitudinal, at 2 o'clock	(Struct) 3	
	0.20	FC	Fracture, circumferential, from 12 to 12 o'clock	(Struct) 3	
	1.90	RFJ	Roots, fine at joint	(Serv) 2	0.2 m // 00:00:46
	3.10	LR	Line of sewer deviates right	(Serv) 0	
	3.80	S2	RF	Roots, fine, Start	
	5.70	LL	Line of sewer deviates left	(Serv) 0	
	8.70	S1	DE	Debrls, 10% cross-sectional area loss, Start	1.9 m // 00:01:03
	10.50	FLJ	Fracture, longitudinal at joint, at 11 o'clock	(Struct) 3	
	10.50	RT	Roots, tap	(Serv) 4	
	10.50	SA	Survey abandoned Remarks: UNABLE TO PASS TAP ROOT	(Misc) 0	10.5 m // 00:03:10

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
4	120	13.97	146.67	4	2	6	0.54	5.67	4

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Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 8	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : yes	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S2 (U/S) INLET C	Location details: Catchment: Tape number : Pipe length :	WOODS S2	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET C S2
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Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 160 mm Vitrified clay
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Comment :

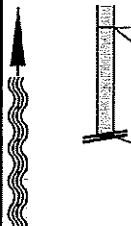
1:90	Position	Code	Observation	Grade	
	0.00	ST	Start of survey	(Misc) 0	
	0.00	MH	Manhole Remarks: S2	(Constr) 0	0.2 m // 00:00:30
	0.00	GO	General observation Remarks: INLET C	(Misc) 0	
	0.20	FC	Fracture, circumferential, from 12 to 12 o'clock	(Struct) 3	0.2 m // 00:00:37
	0.20	FL	Fracture, longitudinal, at 9 o'clock	(Struct) 3	0.2 m // 00:00:37
	0.20	FL	Fracture, longitudinal, at 2 o'clock	(Struct) 3	0.2 m // 00:00:43
	0.20	RM	Roots, mass, 10% cross-sectional area loss	(Serv) 3	0.2 m // 00:00:43
	1.90	RFJ	Roots, fine at joint	(Serv) 2	0.2 m // 00:00:48
	2.80	LR	Line of sewer deviates right	(Serv) 0	0.2 m // 00:00:48
	3.80	RFJ	Roots, fine at joint	(Serv) 2	0.2 m // 00:00:48
	5.20	LL	Line of sewer deviates left	(Serv) 0	0.2 m // 00:00:48
	5.20	RFJ	Roots, fine at joint	(Serv) 2	0.2 m // 00:00:48
	9.50	RFJ	Roots, fine at joint	(Serv) 2	0.2 m // 00:00:48
	10.60	FC	Fracture, circumferential, from 12 to 12 o'clock	(Struct) 3	3.8 m // 00:01:29

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(11(2))

Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 8	PLR suffix: X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : yes	Operator: Redacte

1:90	Position	Code	Observation	Grade
	 10.90	RM	Roots, mass, 50% cross-sectional area loss	(Serv) 5
	10.90	RT	Roots, tap	(Serv) 4
	12.30	SA	Survey abandoned Remarks: UNABLE TO PASS ROOTS	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
4	120	14.68	160	4	7	20	2.46	26.67	6

Hamilton Industrial Services

HAMILTON INDUSTRIAL SERVICES
 1 TENNANT AVENUE
 EAST KILBRIDE
 Tel: 01355 246333
 Fax: 01355 246033
 Email:

Inspection report

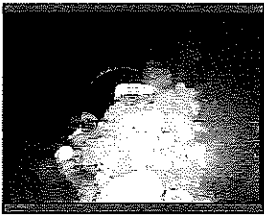
Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 9	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : yes	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S2 (U/S) INLET D	Location details: Catchment: Tape number : Pipe length :	WOODS S2	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET D S2
---	---	---	-------------	--	---------------

Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 225 mm Vitrified clay
--	---	--	--------------------------------------

Comment :

1:60	Position	Code	Observation	Grade
	0.60	ST	Start of survey	(Misc) 0
	0.60	MH	Manhole Remarks: S2	(Constr) 0
	0.60	GO	General observallion Remarks: INLET PIPE D	(Misc) 0
	0.60	WL	Water level, 05% of sewer height	(Serv) 0
	5.00	LL	Line of sewer deviates left	(Serv) 0
	7.40	DE	Debris, 80% cross-sectional area loss	(Serv) 5
	7.40	SA	Survey abandoned Remarks: HIGH DEBRIS LEVEL	(Misc) 0



7.4 m // 00:01:13

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	1	10	1.36	10	6

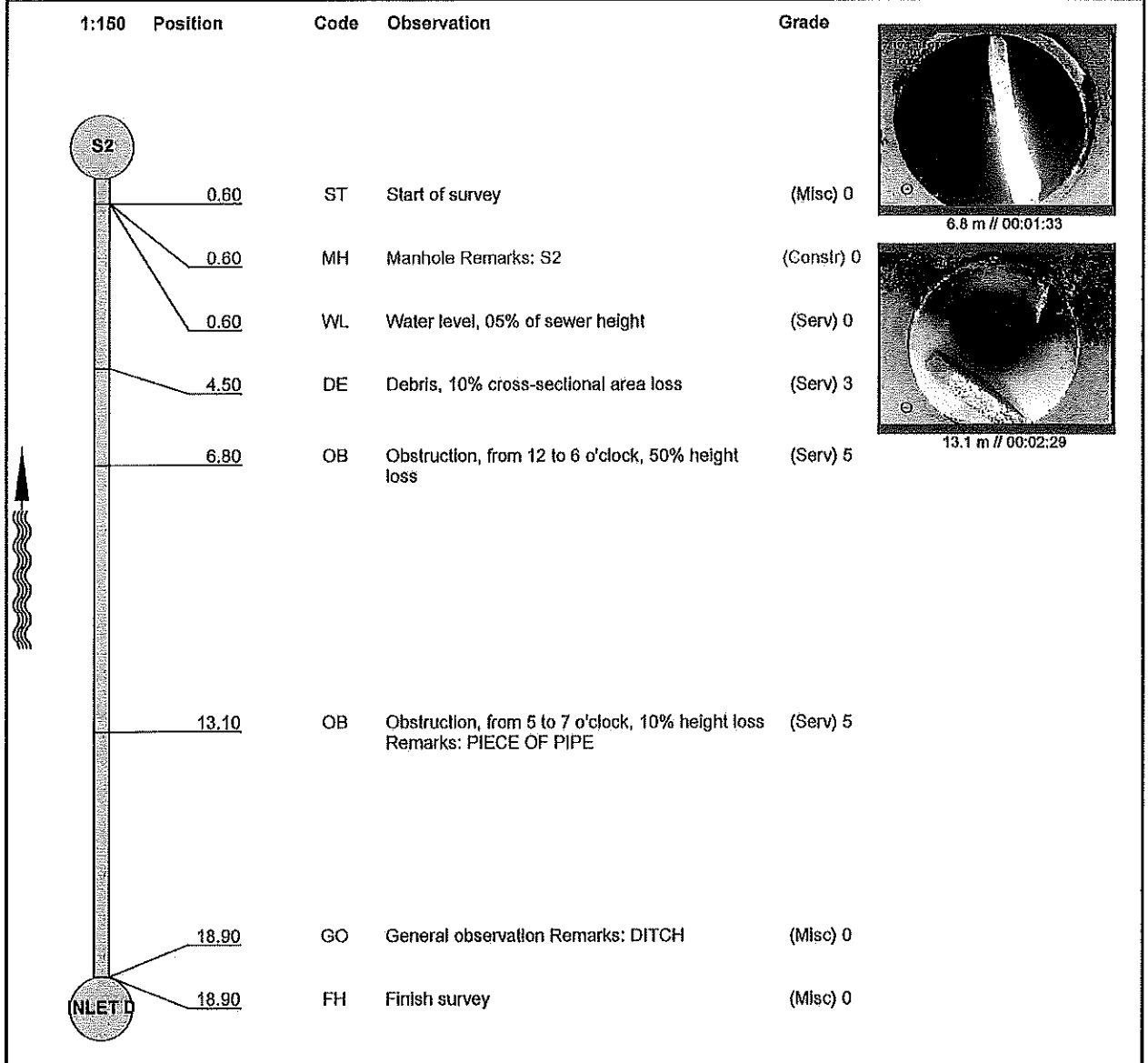
Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 10	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : yes	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S2 (U/S) INLET D	Location details: WOODS Catchment: Tape number : Pipe length : 1.50 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET D S2
---	---	--	--	-------------------

Use: Surface water Year laid : Z Purpose : Sample survey to determin asset condition Total length :	Pipe shape : Circular Pipe size : 225 mm Pipe material : Vitrified clay Lining :
--	---

Comment :



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	3	10	1.16	22	6

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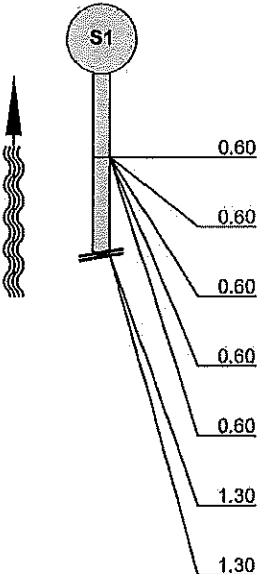
Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 11	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : yes	Operator : Redacted

Place : Road : Location Inspection	LESMAHAGOW M74 JUNCTION 10 S1 (U/S) INLET A	Location details: Catchment: Tape number : Pipe length :	WOODS S1	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET A S1
---	---	---	-------------	--	---------------

Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 225 mm Vitrified clay
--	---	--	--------------------------------------

Comment :

1:50	Position	Code	Observation	Grade
				
	0.60	ST	Start of survey	(Misc) 0
	0.60	MH	Manhole Remarks: S1	(Constr) 0
	0.60	GO	General observation Remarks: INLET PIPE A	(Misc) 0
	0.60	WL	Water level, 05% of sewer height	(Serv) 0
	0.60	RM	Roots, mass, 30% cross-sectional area loss	(Serv) 5
	1.30	DES	Debris silt, 20% cross-sectional area loss	(Serv) 3
	1.30	SA	Survey abandoned Remarks: UNABLE TO PASS ROOTS/SILT	(Misc) 0

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	2	12	9.23	12	6

**Hamilton
Industrial
Services**

Redacted
(11(2))

Inspection report

Date : 08/07/2019	Job number : 07/19/038	Weather : Dry	Sewer category:	Section number : 12	PLR suffix : X
Present :	Vehicle : Redacted	Camera :	Preset :	Cleaned : yes	Operator : Redacted

Place : Road : Locallon Inspection	LESMAHAGOW M74 JUNCTION 10 S1 (U/S) INLET A	Location details: WOODS Catchment: Tape number : Pipe length : 1.60 m	U/S MH : U/S Depth : D/S MH : D/S Depth :	INLET A S1
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Use: Year laid : Purpose : Total length :	Surface water Z Sample survey to determin asset condition	Pipe shape : Pipe size : Pipe material : Lining :	Circular 225 mm Vitrified clay
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Comment :

1:50	Position	Code	Observation	Grade					
	0.60	ST	Start of survey	(Misc) 0					
	0.60	MH	Manhole Remarks: S1	(Constr) 0					
	0.60	WL	Water level, 10% of sewer height	(Serv) 0					
	0.60	GO	General observation Remarks: INLET PIPE A	(Misc) 0					
	0.90	LR	Line of sewer deviates right Remarks: SLIGHT	(Serv) 0					
	0.90	RM	Roots, mass, 20% cross-sectional area loss	(Serv) 5					
	1.30	GO	General observation Remarks: ROOT MASS VISIBLE	(Misc) 0					
	1.40	SA	Survey abandoned Remarks: UNABLE TO PASS ROOTS	(Misc) 0					
Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
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	1	1	10	7.14	10	5