



Environment agency

Culvert Conveyance Survey

Audit Title

Longwood brook AIMS 151971
06/02/2018

Catchment

Yorkshire South and West.

Sub catchment

Upper Aire and Calder.

Watercourse ID

3195

System number

FR/08/S335

Conveyance type

Walk through

OVERALL CONDITION GRADE

Grade 1 100% completed.

Audit

Site description		Parking on market street. Culvert close to junction of market street and Saville Street, row of shops to the right including post office and Heppenstalls solicitors.	
Maps			
 Appendix 1		 Appendix 2	
		 Appendix 3	
Inlet width		4.80m	
Inlet height		1.30m	
Culvert length		146.00m	
Construction type at inlet		Concrete arch, concrete invert.	
Inlet location		Savile Street Huddersfield HD3 England (53.64144579193123, -1.826747552402529)	
Inlet photo			
 Appendix 4			
Outlet location		25 George Street Huddersfield HD3 4JA England (53.64049723796409, -1.825322685353876)	
Outlet width		2.40m	
Outlet height		2.20m	
Outlet photo			



Appendix 5

Local Authority

Kirklees Council

Culvert observations

1

Chainage

10.00m

Feature

Change in construction

Photo



Appendix 6



Appendix 7

Description

Changes to brick arch, stone walls, concrete invert.

2

Chainage

20.00m

Feature

Change in construction

Photo



Appendix 8

Description

Changes to brick walls, concrete soffit, concrete invert.

3

Chainage

27.00

Feature

Change in dimensions

Photo



Appendix 9

Width	2.40m
Height	1.80m
4	
Chainage	39.00m
Feature	Change in direction
Photo	
  Appendix 10 Appendix 11	
Direction	Culvert lines right.
5	
Chainage	41.00m
Feature	Change in construction
Photo	
 Appendix 12	
Description	Changes to stone walls, RJS soffit, concrete invert.
6	
Chainage	45.00m
Feature	Change in dimensions
Photo	

  Appendix 13 Appendix 14	
Width	4.20m
Height	1.80m
7	
Chainage	56.00m
Feature	Connection
Photo	
 Appendix 15	
Description	Clay Pipe
Position	9 o clock
Width	150mm
Height	150mm
8	
Chainage	60.00
Feature	Connection
Photo	
 Appendix 16	
Description	Three pipes very close proximity to each other, in wall of culvert.
Position	9 o clock
Width	150mm each.
Height	150mm each.

9	
Chainage	61.00m
Feature	Inspection hatch
Photo	
 Appendix 17	
Location above ground	
Height from invert	1.80m
Dimensions	600mm x 600mm
Position	11 o clock
Info	
10	
Chainage	61.00m
Feature	Connection
Photo	
 Appendix 18	
Description	Two pipes in close proximity in wall of culvert.
Position	10 o clock
Width	100mm and 150mm
Height	100 and 150mm
11	
Chainage	61.00m
Feature	Connection
Photo	



Appendix 19

Description	Pipe in wall of culvert.
Position	1 o clock
Width	150mm
Height	150mm

12

Chainage	68.00m
Feature	Connection

Photo



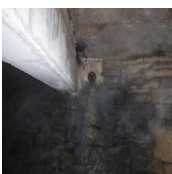
Appendix 20

Description	Pipe in wall of culvert
Position	11 o clock
Width	150mm
Height	150mm

13

Chainage	68.00m
Feature	Connection

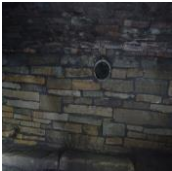
Photo



Appendix 21

Description	Pipe in wall of culvert
Position	1 o clock

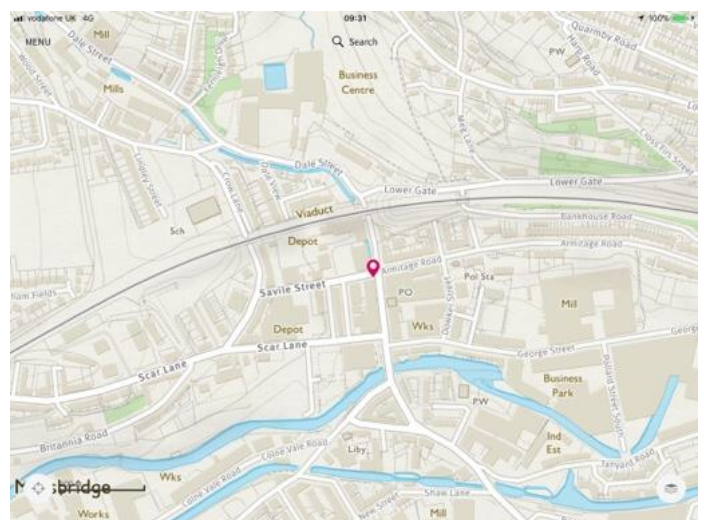
Width	200mm
Height	20mm
14	
Chainage	73.00m
Feature	Connection
Photo	
 Appendix 22	
Description	Pipe in wall of culvert
Position	1 o clock
Width	200mm
Height	200mm
15	
Chainage	86.00m
Feature	Change in construction
Photo	
  Appendix 23 Appendix 24	
Description	Changes to brick arch and concrete invert.
16	
Chainage	86.00m
Feature	Change in dimensions
Photo	
	

Appendix 25	
Width	2.40m
Height	2.20m
17	
Chainage	123.00m
Feature	Connection
Photo	
 Appendix 26	
Description	Pipe in wall of culvert
Position	2 o clock
Width	200mm
Height	200mm
Other information	
Time taken to survey the culvert	2 hours.
Is further investigation required?	No.

Images



Appendix 1



Appendix 2



Appendix 3



Appendix 4



Appendix 5



Appendix 6



Appendix 7



Appendix 8



Appendix 9



Appendix 10



Appendix 11



Appendix 12



Appendix 13



Appendix 14



Appendix 15



Appendix 16



Appendix 17



Appendix 18



Appendix 19



Appendix 20



Appendix 21



Appendix 22



Appendix 23



Appendix 24



Appendix 25



Appendix 26