

CFA ARCHAEOLOGY LTD

The Old Engine House
Eskmills Business Park
Musselburgh
East Lothian
EH21 7PQ

Tel: 0131 273 4380
Fax: 0131 273 4381
email: info@cfa-archaeology.co.uk
web: www.cfa-archaeology.co.uk

Author	Ian Suddaby MA FSA Scot MIfA
Illustrator	Leeanne Whitelaw MA AAI&S
Editor	Bruce Glendinning BSc PgDip MIfA
Commissioned by	East Lothian Council
Date issued	July 2009
Version	0
OASIS Reference	cfaarcha1-58780
Planning Application No	-
Grid Ref	NT 349 720

This document has been prepared in accordance with CFA Archaeology Ltd standard operating procedures.

**Cricket Square Water Supply Repairs,
Lewisvale Park, Inveresk,
East Lothian.**

Archaeological Watching Brief

Data Structure Report No. 1625

CONTENTS

1.	Introduction	3
2.	Working Methods	4
3.	Archaeological Results	5
4.	Conclusion	6

Appendices

1.	Context Register	7
2.	Photographic Register	7
3.	Drawings Register	7
4.	Discovery and Excavation in Scotland Entry	8

Illustrations (bound at rear)

Fig. 1	Lewisvale Park, Inveresk showing the route of the water supply to the cricket square	
--------	--	--

1. INTRODUCTION

1.1 General

1.1.1 This report presents the results of an archaeological watching brief undertaken by CFA Archaeology Ltd (CFA) in April 2009 during groundbreaking works to repair the water supply to the cricket square at Lewisvale Park, Inveresk (NGR: NT 349 720 centre, Fig. 1). The work was commissioned by East Lothian Council who applied for, and were granted, Scheduled Monument Consent for the works.

1.1.2 A Written Scheme of Investigation (WSI) for the project was produced by Abercorn Archaeology LLP and agreed with Historic Scotland (HS). In the intervening period Abercorn Archaeology LLP ceased trading so the fieldwork undertaken by CFA. CFA consulted with HS and it was agreed that there was no requirement to re-draft the WSI.

1.2 Background

1.2.1 Due to ongoing supply problems, East Lothian Council proposed to install a replacement water pipe to service the cricket square at Lewisvale Park, Inveresk.

1.2.2 Lewisvale Park lies within a Scheduled Ancient Monument (SAM) No. 3612 which is close to Inveresk Roman Fort (SAM No. 3285). The park lies within a dense and extensive cluster of cropmarks which represent both field systems and Roman Temporary Camps.

1.3 Objectives

1.3.1 The aim of the watching brief was:

- To monitor the groundbreaking work and record in detail any archaeological remains encountered and to provide a full archive of such remains for future reference.

2. WORKING METHODS

2.1 General

- 2.1.1 CFA Archaeology Ltd follows the Institute for Archaeologists' (IfA) Code of Conduct, Standards and Guidance for Archaeological Fieldwork.
- 2.1.2 All groundbreaking works were carried out by hand and under constant archaeological supervision.

2.2 Watching Brief

- 2.2.1 The problem with the water supply was identified as a faulty toby on the cricket square and this was replaced with a new toby adjacent to the square. It was not necessary to replace the existing water pipe across the park and groundbreaking works were thereby minimised.
- 2.2.2 The alignment of the water pipe was located where it cut across a tarmac path and a test-pit (TP1) was excavated by hand to ascertain its depth and condition. The existing toby on the cricket square was located by metal detector. The route of the pipe having been recorded, a second test-pit (TP2) was excavated by hand adjacent to the cricket square and the pipe located. The brick structure of the existing toby was then partly dismantled (TP3) and a new toby placed in Test-Pit 2.

3. ARCHAEOLOGICAL RESULTS

3.1 General

3.1.1 Numbers in bold and parentheses refer to contexts, a full list of which is contained in Appendix 1.

3.2 Test-Pit 1 (NT 35072 72055)

3.2.1 Test-pit 1 was located adjacent to where the tarmac path (Fig. 1) that ran around the perimeter of the park was cut by the water pipe. It measured 1.1m by 0.5m and was aligned east-west. The existing plastic water pipe was located at a depth of 0.45m. Greyish-black topsoil (**001**) 0.3m deep overlay 0.4m of orange brown subsoil (**002**). The cut for the water pipe (**003**) was almost indistinguishable. No archaeological features were present.

3.3 Test-Pit 2 (NT 34981 72072)

3.3.1 Test-pit 2 was located adjacent to the cricket square it measured 0.8m by 0.6m and was aligned east-west. The existing plastic water pipe was located at a depth of 0.45m. Greyish-black topsoil (**001**) 0.3m deep overlay 0.2m of orange brown subsoil (**002**). Natural subsoil (**005**), an orange sandy gravel was seen in the base of the test-pit. The cut for the water pipe (**003**) was clear but irregular and it was filled (**004**) with a mixture of **001** and **002**. No archaeological features were present.

3.4 Test-Pit 3 (NT 34976 72072)

3.4.1 Test-pit 3 was located within the cricket square and was excavated to enable the partial dismantling of the brick structure (**006**) around the existing toby. It measured 0.8m by 0.4m and was aligned east-west. The copper water pipe was located at a depth of 0.5m. Greyish-black topsoil (**001**) 0.35m deep overlay 0.25m of orange brown subsoil (**002**). Natural subsoil (**005**), an orange sandy gravel was seen in the base of the test-pit. The cut for the water pipe (**003**) was indistinct. No archaeological features were present.

4. CONCLUSIONS

- 4.1 An archaeological watching brief was successfully carried out during groundbreaking works associated with the repair of a water supply to the cricket square at Lewisvale Park, Inveresk. A more limited scheme of works was possible as a new water pipe did not have to be laid.
- 4.2 No archaeological features or finds were recovered during this programme of work.
- 4.3 The depth of the cut for the existing water pipe was between 0.45m and 0.55m and it did not penetrate natural subsoil. The brick structure surrounding the existing toby rested on natural subsoil. This structure was partly dismantled to prevent damage to ground maintenance equipment. It therefore appears that the previous construction of the water pipe has not caused any significant archaeological damage.
- 4.4 The project archive, comprising all CFA record sheets, maps and reports, will be deposited with the National Monuments Record of Scotland (NMRS) and copies of reports will be lodged with Historic Scotland and the East Lothian Council Sites and Monuments Record.
- 4.5 A summary statement of the results of this watching brief will be submitted for publication in *Discovery and Excavation in Scotland* and a draft of this entry is included as Appendix 4.

APPENDIX 1: Context Register

Context	Description
001	Grey-black topsoil and grass
002	Orange-brown silt sand and small gravel
003	Cut for existing water pipe. Possibly made using a mole plough
004	Fill of 003. Mixed soil deposit
005	Natural subsoil. Orange sandy gravel
006	Brick structure surrounding the existing toby
007	Cut for the existing toby structure

APPENDIX 2: Photographic Register

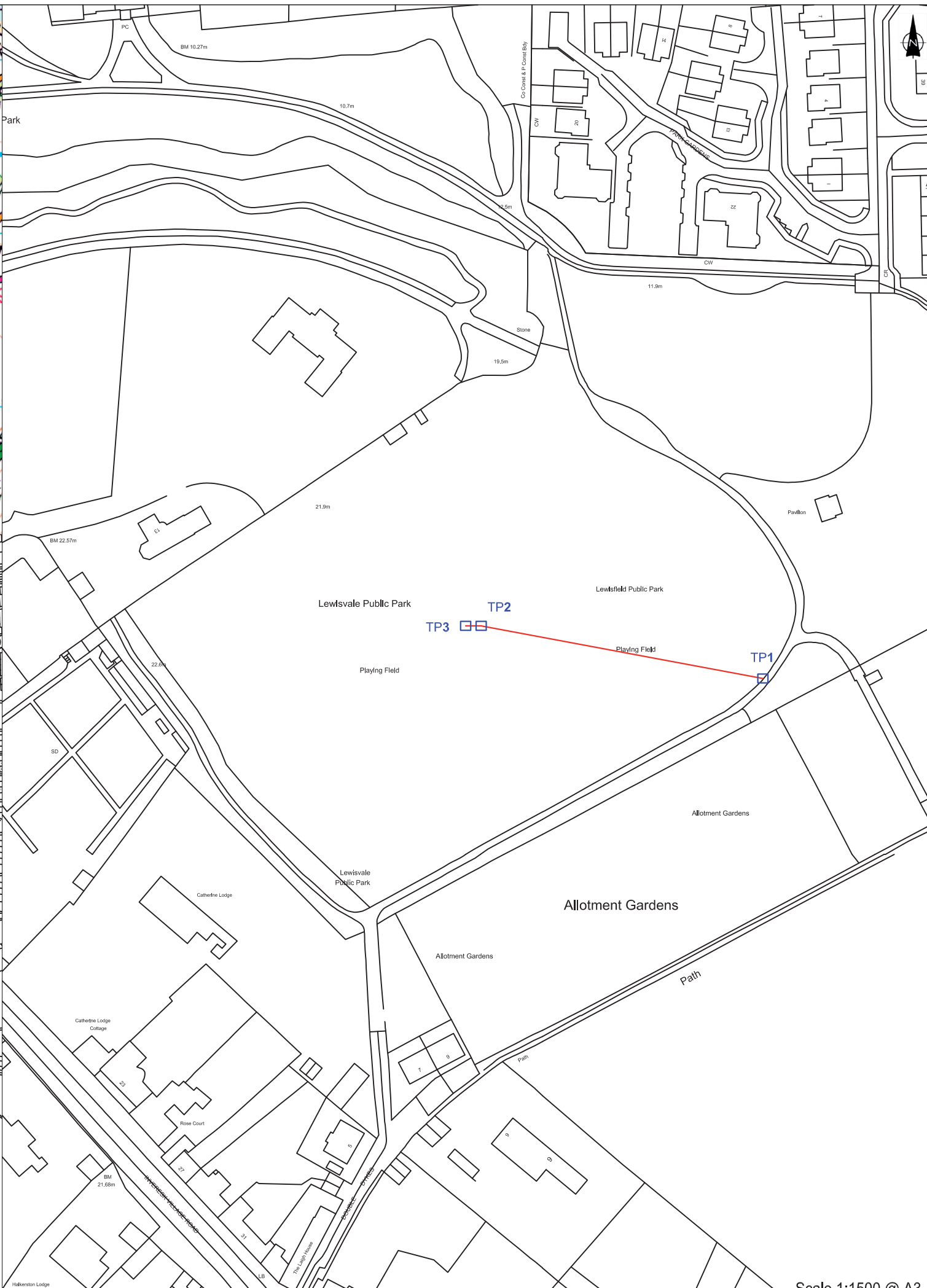
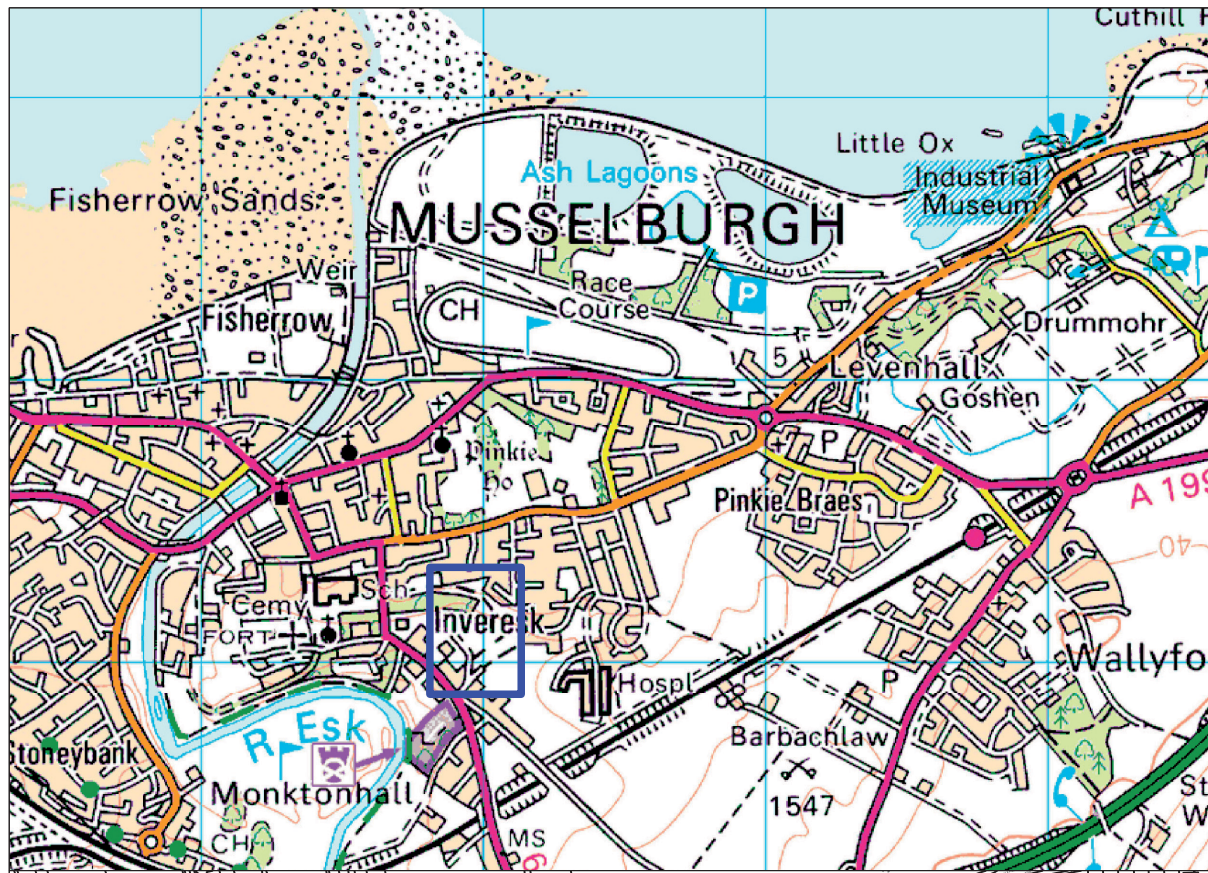
Shot	Description	From	Conditions
1	Test-Pit 1. East facing section	E	Overcast
2	Test-Pit 1. General view with the tarmac path at the top left	NE	Overcast
3	Test-Pit 1. North facing section	N	Overcast
4	Test-Pit 1. North facing section, close-up	N	Overcast
5	Test-Pit 1. General view with the pipe cut through the tarmac path visible	W	Overcast
6	Tractor mounted mole plough		
7	Test-Pit 2. West facing section	W	Overcast
8	Test-Pit 2. West facing section close up	W	Overcast
9	General view of the location of Test-Pits 1-3 and the cricket square	W	Overcast
10	Working shot		
11	Test-Pit 3, general view	N	Overcast
12	Test-Pit 3, close up of the copper water pipe	N	Overcast
13	Test-Pit 3, plan view showing the brick toby surround	N	Overcast

APPENDIX 3: Drawings Register

No	Description / Section	Sec / Plan	Scale
1	Test-Pit 1, North facing section	Section	1:10
2	Test-Pit 2, west facing section	Section	1:10
3	Test-Pit 3, North facing section	Section	1:10

APPENDIX 4: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	East Lothian
PROJECT TITLE/SITE NAME:	Lewisvale Park
PROJECT CODE:	LEPA
PARISH:	Inveresk
NAME OF CONTRIBUTOR:	Ian Suddaby
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Archaeological Watching Brief
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR (2 letters, 10 figures)	NT 34981 72072
START DATE (this season)	28 April 2009
END DATE (this season)	28 April 2009
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	Three test-pits were excavated in Lewisvale Top Park, Inveresk with the aim of locating and repairing a water pipe servicing the cricket pitch. No features were recorded.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	East Lothian Council
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record of Scotland / East Lothian SMR



- Key:
- Test Pits
 - Water Pipe

CFA ARCHAEOLOGY LTD
 The Old Engine House
 Eskmills Park
 Musselburgh
 East Lothian, EH21 7PQ
 t: 0131 273 4380
 f: 0131 273 4381
 e: info@cfa-archaeology.co.uk
 w: www.cfa-archaeology.co.uk

Fig. No: 1 Revision:

Title:
**Lewisvale Park, Inveresk
 showing the route of the water
 supply to the cricket square**

Project:
**Lewisvale Park, Inveresk,
 East Lothian.
 Archaeological Watching Brief**

Client:
East Lothian Council

Scale 1:5000 @ A3

Scale 1:1500 @ A3