

# CFA Archaeology Ltd

*archaeological consultants*

*Advice on Archaeology & Planning*

*Environmental Impact Assessment*

*Interpretation, Design & Display*

*Finds/ Environmental Analysis*

*Field Evaluation & Excavation*

*Historic Building Recording*

*Site & Landscape Survey*

*Geophysical Survey*

## **Killin Water Treatment Works New Abstraction Point**

### **Archaeological Archive Assessment and Monitored Soil Strip**

**Report No. 3042**

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

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## **1. INTRODUCTION**

### **1.1 General**

This report presents the results of a watching brief undertaken by CFA Archaeology Ltd (CFA) between 07 June and 13 June 2013 for the construction of a new pipeline connecting a new abstraction point in the River Dochart to the Killin Water Treatment Works, near Killin, Stirlingshire (NGR: NN56247 31612) (Fig. 1). The work was commissioned by Scottish Water.

A Written Scheme of Investigation (WSI) dated 26 April 2012 was produced by CFA on behalf of Scaled Energy. The WSI was designed to fulfil the requirements of the West of Scotland Archaeology Service (WoSAS) on behalf of the Loch Lomond & Trossachs National Park Authority.

### **1.2 Background**

Scottish Water intend to construct a new pipeline connecting a new abstraction point in the River Dochart with Killin Water Treatment Works, Stirling.

WoSAS identified one area where the new pipeline route passes close to a known archaeological site and thus required a watching brief during pipeline construction; this site was the location of a standing stone (NMRS no. NN53SE 13). The remainder of the route passes along an existing forestry access track and the edge of a cycle way following a former railway, which did not require a watching brief.

No previous invasive archaeological work is known to have taken place within this area prior to this programme of watching brief.

### **1.3 Aims and Objectives**

The objectives of the programme of archaeological works are

- To conduct an appropriate programme of archaeological investigation (watching brief) to monitor all groundbreaking works for the construction of the pipeline and associated infrastructure.
- To mitigate the effects of the construction on any archaeological deposits or features identified through excavation and recording, and produce a report on them.

## **2 WORKING METHODS**

### **2.1 General**

CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance for Archaeological Field Evaluations.

### **2.2 Watching Brief**

A Watching Brief was required in an area at the western end of the pipeline route , in improved fields on the east side of the River Dochart from NN5610 3162 to NN5657 3166. This is due to the presence of a standing stone, known as Acharn (NMRS no. NN53SE 13, WoSAS PIN no. 63731), which is located in the road verge at NN 5614 3160.

The watching brief was maintained in this area during all topsoil stripping works for the pipeline wayleave and any off-easement areas.

The terms of the WSI required an appropriate programme of archaeological investigation (watching brief) to monitor ground breaking works. Excavation was undertaken with a tracked mechanical excavator with a smooth-bladed ditching bucket, under constant archaeological supervision.

All discoveries, including soil profiles and subsoil characteristics, were recorded using standard CFA recording forms and digital photography.

### 3. ARCHAEOLOGICAL RESULTS

Numbers in bold in the following text refer to contexts, a full list of which is contained in Appendix 1.

The area for the pipeline was stripped of topsoil **(001)** which consisted of a mid-dark brown sandy silt up to 0.3m deep, thinning out to less than 0.1m deep towards the SE. This topsoil overlay natural substrate **(002)** which consisted of a mid-light brown sandy gravel.

Several field drains crossed the stripped area: however, no significant archaeological features, deposits or artefacts were found.

### 4. CONCLUSION

A watching brief was carried out during ground works for the installation of a water pipe connecting a new abstraction point in the River Dochart with the Killin Water Treatment Works, Stirling.

There were no features, deposits or artefacts of archaeological significance identified during the watching brief.

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 the West of Scotland Archaeological Service.

A summary statement of the results of this watching brief will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 3) and an online OASIS form will be completed.

## APPENDIX 1: Context Register

Context No.	Description
001	Topsoil- Mid brown sandy silt
002	Natural-Mid light brown sandy gravel

## APPENDIX 2: Digital Photo Register

Photo No.	Description	Taken From	Conditions
1-2	Looking East at area for pump station, section north of Dochart Rd.	W/NW	Sunny
3-4	As above	SE	Sunny
5-6	Post -ex shots of 6x12m area stripped to natural for pump station footprint.	E/W	Sunny
7-9	Pre-ex shots of area of pipe/cable trench N->W	SW	O/C
10	Pre-ex shot of E end looking NW along pipe trench.	SE	O/C
11	Post -ex shot E end of pipe trench	NW	O/C
12	Post-ex shot area stripped 12/06/13	WSW	O/C
13	Post-ex shot area stripped 12/06/13- W half	ENE	O/C
14	Post-ex shot of stripped area 13/06/13 with stone drains in foreground	SE	O/C
15	Western extent of ENE-WSW running section of pipe trench stripped 13/06/13	ENE	O/C
16	Post-ex shot of N-S orientated stretch of pipe trench stripped 13/06/13	NNE	O/C

### APPENDIX 3: Discovery and Excavation in Scotland Entry

<b>LOCAL AUTHORITY:</b>	Stirling
<b>PROJECT TITLE/SITE NAME:</b>	Killin Water Treatment Works-A New Abstraction Point
<b>PROJECT CODE:</b>	KILL
<b>PARISH:</b>	Killin
<b>NAME OF CONTRIBUTOR:</b>	Andrew Brown
<b>NAME OF ORGANISATION:</b>	CFA Archaeology Ltd
<b>TYPE(S) OF PROJECT:</b>	Watching Brief
<b>NMRS NO(S):</b>	-
<b>SITE/MONUMENT TYPE(S):</b>	-
<b>SIGNIFICANT FINDS:</b>	-
<b>NGR (2 letters, 10 figures)</b>	
<b>START DATE (this season)</b>	June 2013
<b>END DATE (this season)</b>	June 2013
<b>PREVIOUS WORK (incl. <i>DES</i> ref.)</b>	N/A
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (May include information from other fields)	A watching brief was carried out during ground works for the construction of a new abstraction point and pump station in the River Dochart with the Killin Water Treatment Works. There were no features, deposits or artefacts of archaeological significance identified during the watching brief.
<b>PROPOSED FUTURE WORK:</b>	None
<b>CAPTION(S) FOR ILLUSTRS:</b>	N/A
<b>SPONSOR OR FUNDING BODY:</b>	Scottish Water
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
<b>EMAIL ADDRESS:</b>	cfa@cfa-archaeology.co.uk
<b>ARCHIVE LOCATION (intended/deposited)</b>	National Monuments Record of Scotland (archive) Loch Lomond & Trossachs National Park Authority Sites and Monuments Record (report)



Key  
 Pipeline  
 Working area access corridor



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Fig. 2 - View of stripped pipeline wayleave from NW



Fig. 3 - View of stripped pipeline wayleave from SW


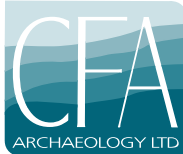
Fig. No: <b>2-3</b>		Revision: <b>A</b>	Project: <b>Killin WwTW</b>			<b>CFA ARCHAEOLOGY LTD</b> The Old Engine House Eskmills Park, Musselburgh East Lothian, Eh21 7PQ T: 0131 273 4380 F: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk
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Fig. 4 - View of stripped pipeline wayleave from SE



Fig. 3 - View of stripped pipeline wayleave from NE

Fig. No: <b>4-5</b>		Revision: <b>A</b>	Project: <b>Killin WwTW</b>		
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