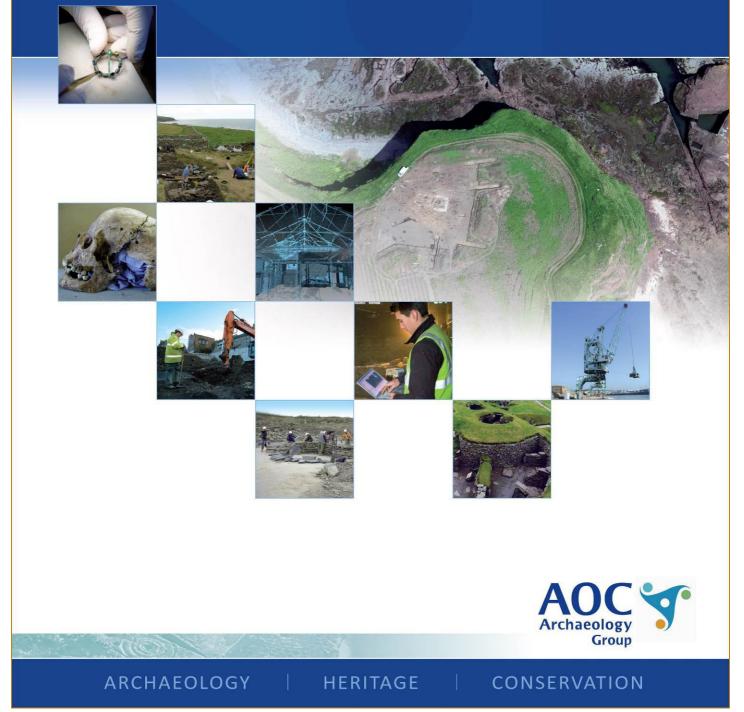
1-7 Baileyfield Crescent, Portobello, Edinburgh: SUDS Pond, Archaeological Watching Brief Data Structure Report

> AOC 23589 6th December 2018



1-7 Baileyfield Crescent, Portobello, Edinburgh: SUDS Pond,

Watching Brief Data Structure Report

On Behalf of:	BDW Trading Ltd & Standard Life Assurance Ltd
National Grid Reference (NGR):	NT 30135 74061
AOC Project No:	23589
OASIS No:	1-336263
Prepared by:	Rob Engl
Date of Fieldwork:	5 th November – 19 th November 2018
Date of Report:	6 th December 2018

This document has been prepared in accordance with AOC standard operating procedures.Author: Rob EnglDate: 6th December 2018Approved by: Lindsay DunbarDate: 6th December 2018Draft/Final Report Stage: DraftDate: 6th December 2018

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ABSTRACT

An archaeological watching brief was undertaken by AOC Archaeology Group on land previously occupied by warehouses and offices at 1-7 Baileyfield Crescent, Portobello, Edinburgh, during the excavation of a SUDS Pond.

The SUDS Pond area was located to the immediate south of the Phase 2 excavation undertaken on the site of the Abercorn Brickworks in 2017. The SUDS Pond measured approximately $80m^2$ in area and its excavation removed around $2080m^3$ of made ground to a depth of around 5m.

The watching brief revealed a made ground composed of ash, rubble and loose silty sand. Several small dumps of early 20th century glass, ceramics and bricks were observed. The made ground represents the infilling and levelling of the area during the late 19th and early 20th centuries with waste material from the surrounding industries.

No structural remains associated with the Brick and Tile Works shown to exist within the area were observed.

1 INTRODUCTION

1.1 Background

1.1.1 An archaeological watching brief was required by BDW Trading Ltd & Standard Life Assurance Ltd. during the excavation of a SUDS pond on land due to be developed at 1-7 Baileyfield Crescent, Portobello, Edinburgh. The scope of the works was determined by The City of Edinburgh Council as advised on archaeological matters by the City of Edinburgh Council Archaeology Service (CECAS). The works were conducted according to the terms of a *Written Scheme of Investigation* (AOC 2016), approved on behalf of City of Edinburgh Council by CECAS and in accordance with *Scottish Planning Policy* (Scottish Government 2014) and *PAN 2/2011 Planning and Archaeology* (Scottish Government 2011).

1.2 Site Location

1.2.1 The site lies on the western edge of Portobello and extends across approximately 4.2 hectares, centred on NT 30135 73955 (Figure 1). It is bordered by Fishwives Causeway to the north, the Figgate Burn to the southeast and both the Evans Halshaw Ford dealership and the A199 Sir Harry Lauder Way to the west. The site was until recently occupied by industrial warehouse units comprising the Baileyfield Industrial Estate, through which Baileyfield Crescent runs. The area of the SUDS Pond is located to the immediate south of the Phase 2 excavation of the Abercorn Brickworks completed in 2017 (Figure 2)

1.3 Historical Background

- 1.3.1 The site has been occupied since at least 1824 and historic map regression suggests that settlement encroached southwards from the Fishwives Causeway frontage (Figure 2). The site was initially occupied by a brick and tile works and subsequently a glass-works, producing bottles for the alcohol trade. The origins of Fishwives Causeway are unknown, although a parish boundary ran along it which suggests that it could have had medieval origins.
- 1.3.2 Historic map evidence indicates that the brick and tile works developed southwards from Fishwives Causeway. Buildings shown within the central part of the site on the 1894 Ordnance Survey map are shown within depressed topographical ground (Figure 3). This suggests that the buildings were built at the base of a small valley associated with the Figgate Burn which was gradually in filled as the works progressed, or that clay extraction had artificially deepened the area, or more probably a combination of the two. There is a high potential for early 19th to early 20th century remains associated with both the two glassworks and the Abercorn Brick and Tile Works being encountered during the course of the development.
- 1.3.3 Pre-industrial evidence is limited to an isolated Roman coin and a hoard of medieval coins recovered from Portobello during the 19th century. These most probably represent individual acts of loss, or in the case of the medieval hoard, deposition and they consequently may not necessarily represent direct evidence for occupation. Consequently, the potential for pre Post-Medieval remains to exist on the site is considered to be low. Although the risk is elevated along the northern site boundary due to its proximity to Fishwives Causeway, the origins of which are potentially medieval.

1-7 Baileyfield Crescent, Portobello, Edinburgh; SUDS Pond Archaeological Watching Brief

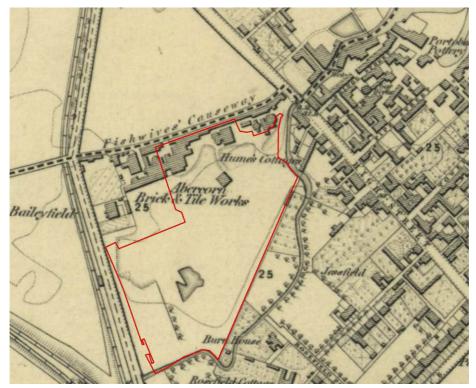


Figure 2: Extract from Ordnance Survey map, 1854



Figure 3: Extract from Ordnance Survey map, 1896

2 OBJECTIVES

- 2.1 The objectives of the archaeological watching brief were:
 - to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through the monitoring the excavation of the SUDS Pond;
 - ii) to advise and implement an appropriate form of mitigation, such as excavation, postexcavation analyses and publication, given the infeasibility of preserving the archaeological material *in situ*, should significant archaeological remains be encountered.

3 METHODOLOGY

3.1 The archaeological watching brief involved the excavation of a SUDS Pond measuring c 80m² (Figure 2) through the use of a 20 tonne mechanical excavator equipped with a toothless bucket. All machine excavation was monitored by an experienced field archaeologist.

4 **RESULTS**

4.1 All archaeological watching brief was undertaken between the 5th – 19th November 2018. Weather conditions were fair throughout the course of the work and archaeological visibility was good. The various data gathered from the evaluation are presented as a series of appendices:

Appendix 1: Photographic Register; Appendix 2: *'Discovery and Excavation in Scotland'* entry

4.2 The excavation of the SUDS Pond removed approximately 2080m³ of made ground. This deposit consisted of a mix of ash, topsoil, silty sand and rubble. A large diffuse dump of early 20th century material including glass, glass waste, glass bottles and stoneware was observed within the southwest corner of the excavation. This was overlain by a dump of 'Niddrie' bricks which date the material to the late 1920's at the earliest. Samples of the artefactual material were collected.



Plate 1 SUDS Area under excavation



Plate 2 Dump of bricks overlying 20th century artefactual material

1-7 Baileyfield Crescent, Portobello, Edinburgh; SUDS Pond Archaeological Watching Brief



Plate 3 Dump of 20th century glass and ceramics within SW corner of the SUDS area.



Plate 4 SUDS Area post excavation

1-7 Baileyfield Crescent, Portobello, Edinburgh

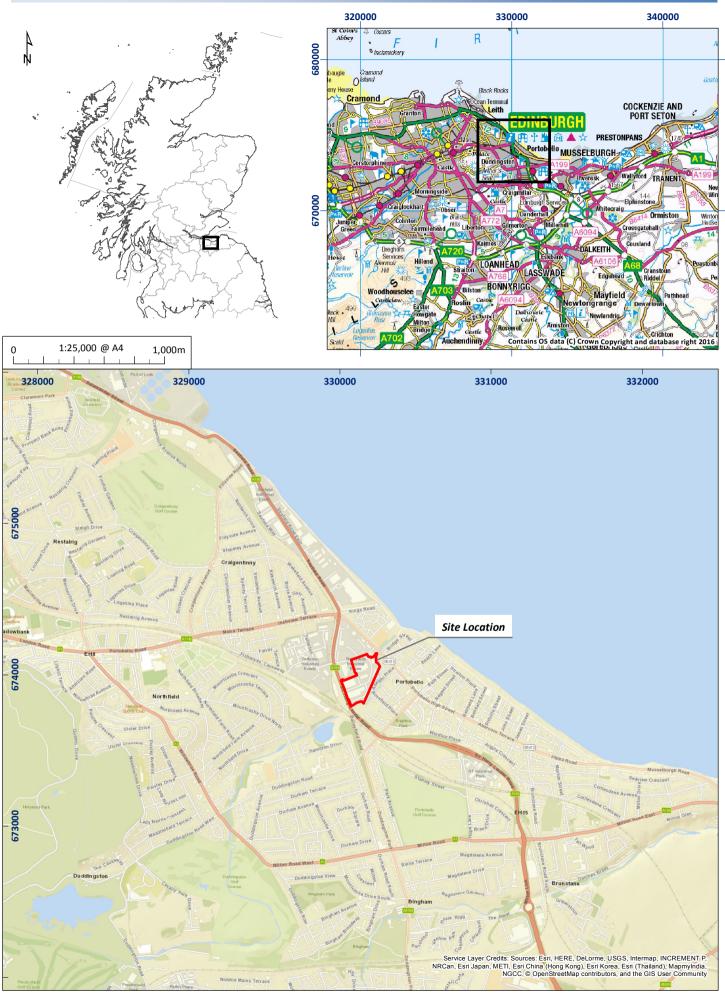
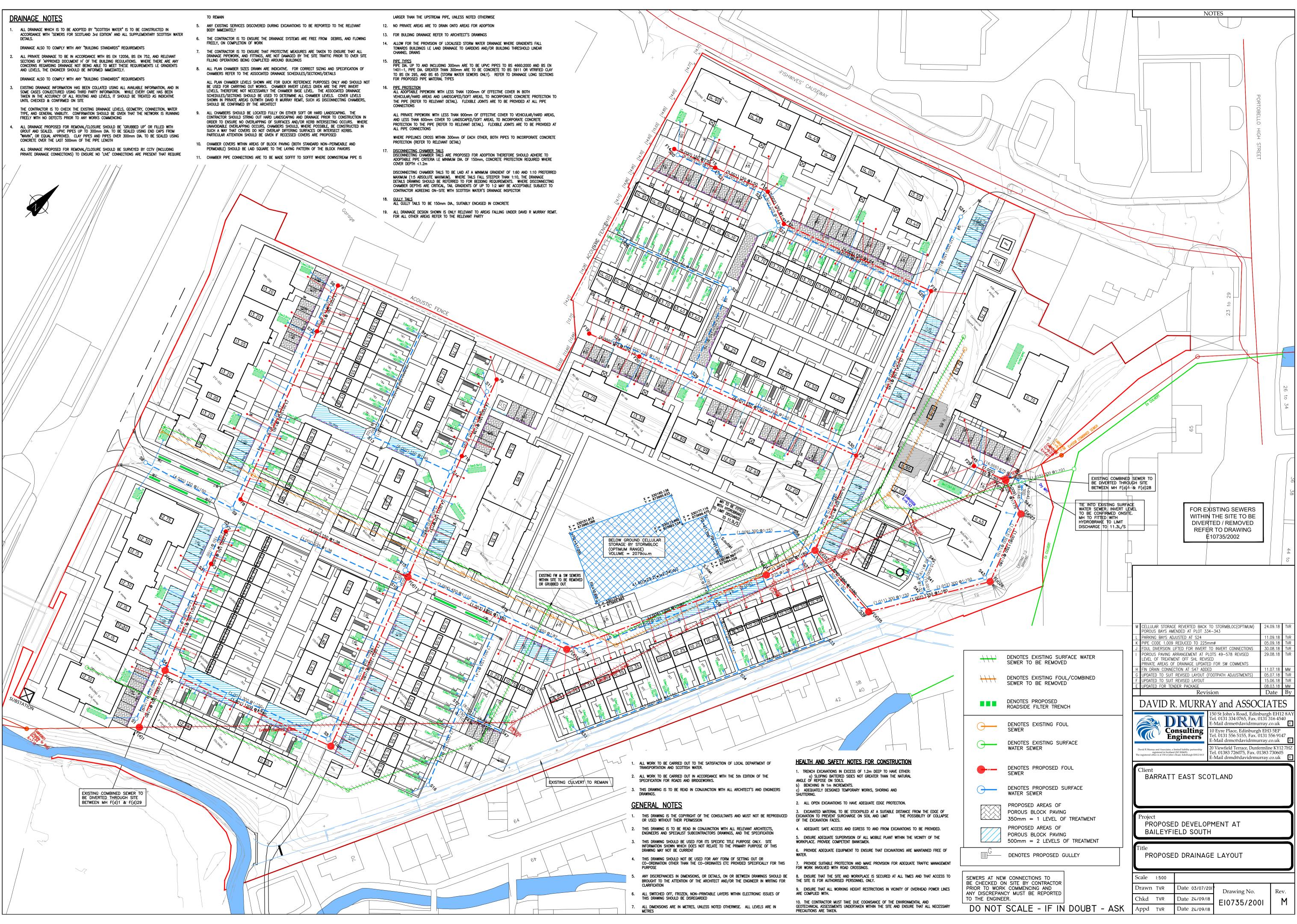


Figure 1: Site location plan

- ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH BS EN 12056. BS EN 752, AND RELEVANT SECTIONS OF 'APPROVED DOCUMENT H' OF THE BUILDING REGULATIONS. WHERE THERE ARE ANY CONCERNS REGARDING DRAINAGE NOT BEING ABLE TO MEET THESE REQUIREMENTS I.E GRADIENTS AND LEVELS. THE ENGINEER SHOULD BE INFORMED IMMEDIATELY.
- DRAINAGE ALSO TO COMPLY WITH ANY "BUILDING STANDARDS" REQUIREMENTS
- ALL DRAINAGE PROPOSED FOR REMOVAL/CLOSURE SHOULD BE 'GRUBBED UP' OR FILLED WITH GROUT AND SEALED. UPVC PIPES UP TO 300mm DIA. TO BE SEALED USING END CAPS FROM "MAVIN", OR EQUAL APPROVED. CLAY PIPES AND PIPES OVER 300mm DIA. TO BE SEALED USING CONCRETE OVER THE LAST 500mm OF THE PIPE LENGTH
- ALL DRAINAGE PROPOSED FOR REMOVAL/CLOSURE SHOULD BE SURVEYED BY CCTV (INCLUDING PRIVATE DRAINAGE CONNECTIONS) TO ENSURE NO 'LIVE' CONNECTIONS ARE PRESENT THAT REQUIRE

- FREELY. ON COMPLETION OF WORK
- SCHEDULES/SECTIONS SHOULD BE USED TO DETERMINE ALL CHAMBER LEVELS. COVER LEVELS SHOWN IN PRIVATE AREAS OUTWITH DAVID R MURRAY REMIT, SUCH AS DISCONNECTING CHAMBERS,
- ALL CHAMBERS SHOULD BE LOCATED FULLY ON EITHER SOFT OR HARD LANDSCAPING. THE PARTICULAR ATTENTION SHOULD BE GIVEN IF RECESSED COVERS ARE PROPOSED
- PERMEABLE) SHOULD BE LAID SQUARE TO THE LAYING PATTERN OF THE BLOCK PAVIORS

- FOR PROPOSED PIPE MATERIAL TYPES
- ALL PIPE CONNECTIONS
- COVER DEPTH <1.2m



5 CONCLUSION AND RECOMENDATIONS

5.1 The excavation of the SUDS area revealed a large diffuse dump of early 20th century artefactual material. This is most certainly the waste material derived from the surrounding industries which was used to infill and level the area during the late 19th and early 20th centuries.

6 **REFERENCES**

6.1 Bibliographic References

AOC 2016 1-7 Baileyfield Crescent, Portobello, Edinburgh: Archaeological Evaluation Written Scheme of Investigation. Unpublished client report

AOC 2017 Baileyfield Crescent, Portobello, Edinburgh: Archaeological Data Structure Report. Phase 1 Unpublished client report

AOC 2017 Baileyfield Crescent, Portobello, Edinburgh: Phase 2 Archaeological Data Structure Report. Phase 1 Unpublished client report

Scottish Government 2014 Scottish Planning Policy.

Scottish Government 2010 PAN 2/2011 Planning & Archaeology.

6.2 Cartographic References

1854 Ordnance Survey Edinburghshire Sheet 3

1896 Ordnance Survey Edinburghshire Sheet IV.NW

1-7 Baileyfield Crescent, Portobello, Edinburgh Phase 2: Watching Brief Data Structure Report

Section 2: Appendices



APPENDIX 1: PHOTOGRAPHIC REGISTERS

Frame	Description	From
1	Registration shot	
2	Working Shot	NW
3	Working shot	NE
4	Working shot	SW
5	Working shot	NW
6	Working Shot	NE
7	Working Shot	NW
8	Working Shot	NE
9-12	Dump of early 20th century glass and ceramics	NW
13	NW facing section showing dumps of brick and glass	NW
14	Working Shot	W
15	Post excavation shot	W

APPENDIX 2: SMALL FINDS REGISTER

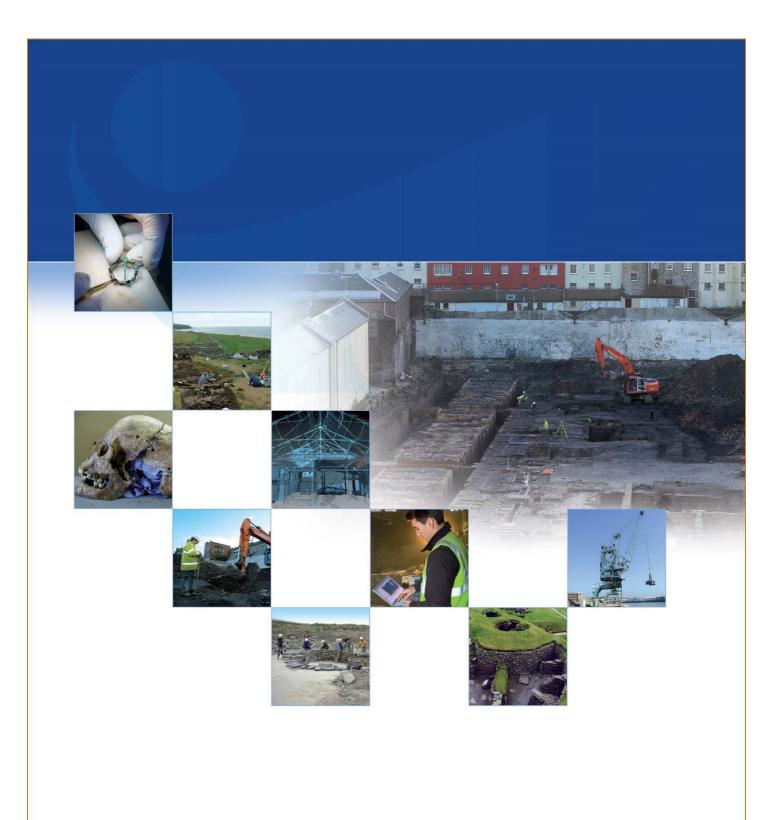
No.	Description	
SF 1	Glass sample	
SF 2	2 Ceramic Sample	
SF 3	Ceramic Sample	

APPENDIX 3: 'DISCOVERY AND EXCAVATION IN SCOTLAND' REPORT

LOCAL AUTHORITY:	City of Edinburgh
PROJECT TITLE/SITE NAME:	1-7 Baileyfield Crescent, Portobello SUDS Pond Archaeological Watching Brief
PROJECT CODE:	23589
PARISH:	Edinburgh
NAME OF CONTRIBUTOR:	Sam Kinirons
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Watching Brief
NMRS NO(S):	N/A
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	Early 20 th century glass and ceramics
NGR (2 letters, 6 figures)	NT 30135 74061
START DATE (this season)	5 th November 2018
END DATE (this season)	19 ^h November 2018
PREVIOUS WORK (inc DES)	Yes
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An archaeological watching brief was undertaken by AOC Archaeology Group on land previously occupied by warehouses and offices at 1-7 Baileyfield Crescent, Portobello, Edinburgh, during the excavation of a SUDS Pond. The SUDS Pond area was located to the immediate south of the Phase 2 excavation undertaken on the site of the Abercorn Brickworks in 2017. The SUDS Pond measured approximately 80m ² in area and its excavation removed around 2080m ³ of made ground to a depth of around 5m. The watching brief revealed a made ground composed of ash, rubble and loose silty sand. Several small dumps of early 20 th century glass, ceramics and bricks were observed. The made ground represents the infilling and levelling of the area during the late 19 th and early 20 th centuries with waste material from the surrounding industries. No structural remains associated with the Brick and Tile Works shown to exist within the area were observed.
PROPOSED FUTURE WORK:	Yes
CAPTION(S) FOR ILLUSTRATIONS:	N/A
SPONSOR OR FUNDING	BDW Trading Ltd & Standard Life Assurance Ltd

1-7 Baileyfield Crescent, Portobello, Edinburgh; SUDS Pond Archaeological Watching Brief

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ARCHIVE LOCATION	Archive to be deposited in NMRS





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