

Barking Tye Mains, Suffolk



Archaeological Watching Brief Report



May 2016

Client: Anglian Water

OA East Report No:

OASIS No: oxfordar3-217759

NGR: TM 06527, 52019 to TM 06686, 52612

Barking Tye Mains, Suffolk

Archaeological Watching Brief

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Report Date: May 2016

Report Number: Barking
Site Name: Barking Tye Mains, Suffolk
HER Event No: ESF23174
Date of Works: March 2016
Client Name: Anglian Water
Client Ref: WAT-06361-04-EN - Barking Tye Pumping Main Repl
Planning Ref: n/a
Grid Ref: TM 06527, 52019 to TM 06686, 52612
Site Code: XSFBTY15
Finance Code: XSFBTY15
Receiving Body: County Stores, Suffolk

Accession No:

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Date: 20/05/16

Signed:



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Table of Contents

Table of Contents

Summary..... 5

1 Introduction..... 7

 1.1 Location and scope of work..... 7

 1.2 Geology and topography..... 7

 1.3 Archaeological and historical background..... 7

 1.4 Acknowledgements..... 7

2 Aims and Methodology..... 8

 2.1 Aims..... 8

 2.2 Methodology..... 8

3 Results and Conclusions..... 9

 3.1 Results..... 9

 3.2 Conclusions..... 9

Appendix A. Drill Pit Descriptions and Context Inventory..... 10

Appendix B. Bibliography..... 15

Appendix C. OASIS Report Form..... 16

List of Figures

Fig. 1 Site location map

List of Plates

Plate 1 Drill Pit 1, looking south

Plate 2 Drill Pit 16, looking west

Summary

A watching brief on drilling pits was carried out at Barking Tye, Suffolk prior to the laying of a water main. The fieldwork took place the 14th and 18th of March 2016. Sixteen test pits were excavated in total along the route of the proposed pipeline.

No archaeological remains were encountered in any of the test pits.

1 INTRODUCTION

1.1 Location and scope of work

- 1.1.1 An archaeological watching brief was conducted at Barking Tye, Suffolk (Fig 1).
- 1.1.2 This archaeological watching brief was undertaken in accordance with a Brief issued by Rachael Abraham of Suffolk County Council Archaeological Service /Conservation Team (SCCAS/CT) supplemented by a Specification prepared by OA East (Mortimer 2015).
- 1.1.3 The work was designed to assist in defining the character and extent of any archaeological remains within the proposed redevelopment area, in accordance with the guidelines set out in *National Planning Policy Framework* (Department for Communities and Local Government March 2012). The results will enable decisions to be made by CCC, on behalf of the Local Planning Authority, with regard to the treatment of any archaeological remains found.
- 1.1.4 The site archive is currently held by OA East and will be deposited with the appropriate county stores in due course.

1.2 Geology and topography

- 1.2.1 The underlying bedrock of the site consists of Newhaven Chalk Formation which is overlain by Lowestoft Formation Diamicton.
- 1.2.2 The site is situated in a fairly flat area, at 68m OD, sloping down to the east.

1.3 Archaeological and historical background

- 1.3.1 The route passes through a known prehistoric and Roman site (recorded on the County Historic Environment Record as BRK 103). A cropmark of an oval enclosure (MSF14201) lies 200m to the east of the pipeline.
- 1.3.2 It is reputed that 200 Roman coins were found (MSF14188) at a location approximately 200m to the west of the pipeline. Approximately 200m east of central part of the pipeline Roman artefact scatters (MSF13364 and MSF13363) have been uncovered.
- 1.3.3 Medieval artefact scatters (eg MSF13148) have been found within the vicinity of the entire route.
- 1.3.4 A ditch (MSF23111) has been uncovered to west of northern part of the pipeline and is thought to be associated with the remains of the village green. There is the site of a post-medieval windmill (MSF23759) to west of south end of the pipeline along with the remains of a Second World War pillbox.

1.4 Acknowledgements

- 1.4.1 These works were commissioned by Anglian Water. The watching brief was carried out by Lindsey Kemp. The project was managed by Richard Mortimer.

2 AIMS AND METHODOLOGY

2.1 Aims

2.1.1 The objective of this watching brief was to determine as far as reasonably possible the presence/absence, location, nature, extent, date, quality, condition and significance of any surviving archaeological deposits within the development area.

2.2 Methodology

2.2.1 The Brief (Abraham 2015) required that all groundworks be monitored.

2.2.2 Machine excavation was carried out under constant archaeological supervision with a 360 type excavator using a toothless ditching bucket.

2.2.3 Spoil, exposed surfaces and features were scanned with a metal detector. All metal-detected and hand-collected finds were retained for inspection, other than those which were obviously modern.

2.2.4 All archaeological features and deposits were recorded using OA East's *pro-forma* sheets. Trench locations, plans and sections were recorded at appropriate scales and colour and monochrome photographs were taken of all relevant features and deposits.

2.2.5 This work was carried out in overcast and sunny conditions.

3 RESULTS AND CONCLUSIONS

3.1 Results

- 3.1.1 Full descriptions of the drill pits appear in Appendix A. The southernmost drilling pits, Drill Pits 1 to 12 (e.g. Drill Pit 1, Plate 1), were excavated on Barking Tye Common. The northernmost drilling pits, Drill Pits 13 to 16, (e.g. Drill Pit 16, Plate 2) were excavated in front of houses on the B1078 and encountered modern services.
- 3.1.2 The topsoil consisted of a dark brown silt (100). This was underlain by a grey brown clay subsoil (101) which was above a grey chalky clay natural (102). No archaeological finds or features were uncovered during this watching brief.

3.2 Conclusions

- 3.2.1 No evidence of archaeological activity was found during this watching brief. This may be due to the limited size of the interventions.

APPENDIX A. DRILL PIT DESCRIPTIONS AND CONTEXT INVENTORY

Drill Pit 1						
General description					Orientation	
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.					Avg. depth (m)	1.0
					Width (m)	1.3
					Length (m)	2.3
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.25	Topsoil	-	-
101	Layer	-	0.40	Subsoil	-	-
102	Layer	-	-	Natural	-	-
Drill Pit 2						
General description					Orientation	
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.					Avg. depth (m)	1.2
					Width (m)	1.0
					Length (m)	1.8
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-
Drill Pit 3						
General description					Orientation	
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.					Avg. depth (m)	1.3
					Width (m)	1.8
					Length (m)	1
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.20	Subsoil	-	-
102	Layer	-	-	Natural	-	-
Drill Pit 4						
General description					Orientation	
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.					Avg. depth (m)	1.0
					Width (m)	1.0

					Length (m)	1.5
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 5						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.2
				Width (m)		1.2
				Length (m)		1.8
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 6						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.3
				Width (m)		1.0
				Length (m)		1.8
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 7						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.1
				Width (m)		0.9
				Length (m)		2.0
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-

101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 8						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1
				Width (m)		1.6
				Length (m)		3
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.35	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 9						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.2
				Width (m)		0.9
				Length (m)		1.2
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 10						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.2
				Width (m)		0.9
				Length (m)		2.1
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 11						
General description				Orientation		

Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.	Avg. depth (m)	1.2				
	Width (m)	0.9				
	Length (m)	2.1				
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 12						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.2
				Width (m)		0.9
				Length (m)		2.2
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 13						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.2
				Width (m)		2.4
				Length (m)		3.5
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.30	Topsoil	-	-
101	Layer	-	0.30	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 14						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.3
				Width (m)		1
				Length (m)		2.5
Contexts						

context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.15	Topsoil	-	-
101	Layer	-	0.20	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 15						
General description				Orientation		
Drill pit devoid of archaeology. Consists of topsoil and subsoil overlying a natural of chalky clay.				Avg. depth (m)		1.2
				Width (m)		1
				Length (m)		2.8
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
100	Layer	-	0.20	Topsoil	-	-
101	Layer	-	0.20	Subsoil	-	-
102	Layer	-	-	Natural	-	-

Drill Pit 16						
General description				Orientation		
Drill pit devoid of archaeology. Consists of modern disturbance overlying a natural of chalky clay.				Avg. depth (m)		1
				Width (m)		1
				Length (m)		3
Contexts						
context no	type	Width (m)	Depth (m)	comment	finds	date
103	Layer	-	0.40	Modern disturbance	-	-
102	Layer	-	-	Natural	-	-

APPENDIX B. BIBLIOGRAPHY

Abraham, R. 2015, *Anglian Water Replacement Main at Barking Tye, Suffolk, Brief for Archaeological Monitoring*, Suffolk County Council

Mortimer, R., 2015, *Barking Tye Mains, Suffolk, Specification for Archaeological Watching Brief*, OA East

APPENDIX C. OASIS REPORT FORM

All fields are required unless they are not applicable.

Project Details

OASIS Number	<input type="text" value="oxfordar3-217759"/>			
Project Name	<input type="text" value="Barking Tye Mains, Suffolk"/>			
Project Dates (fieldwork)	Start	<input type="text" value="14-03-2016"/>	Finish	<input type="text" value="18-03-2016"/>
Previous Work (by OA East)	<input type="text"/>	Future Work	<input type="text"/>	

Project Reference Codes

Site Code	<input type="text" value="XSFBTY15"/>	Planning App. No.	<input type="text"/>
HER No.	<input type="text" value="ESF23174"/>	Related HER/OASIS No.	<input type="text"/>

Type of Project/Techniques Used

Prompt	<input type="text" value="Direction from Local Planning Authority - PPG15"/>
Development Type	<input type="text" value="Service Infrastructure"/>

Please select all techniques used:

<input type="checkbox"/> Aerial Photography - interpretation	<input type="checkbox"/> Grab-Sampling	<input type="checkbox"/> Remote Operated Vehicle Survey
<input type="checkbox"/> Aerial Photography - new	<input type="checkbox"/> Gravity-Core	<input type="checkbox"/> Sample Trenches
<input type="checkbox"/> Annotated Sketch	<input type="checkbox"/> Laser Scanning	<input type="checkbox"/> Survey/Recording Of Fabric/Structure
<input type="checkbox"/> Augering	<input type="checkbox"/> Measured Survey	<input type="checkbox"/> Targeted Trenches
<input type="checkbox"/> Dendrochronological Survey	<input type="checkbox"/> Metal Detectors	<input checked="" type="checkbox"/> Test Pits
<input type="checkbox"/> Documentary Search	<input type="checkbox"/> Phosphate Survey	<input type="checkbox"/> Topographic Survey
<input type="checkbox"/> Environmental Sampling	<input type="checkbox"/> Photogrammetric Survey	<input type="checkbox"/> Vibro-core
<input type="checkbox"/> Fieldwalking	<input type="checkbox"/> Photographic Survey	<input type="checkbox"/> Visual Inspection (Initial Site Visit)
<input type="checkbox"/> Geophysical Survey	<input type="checkbox"/> Rectified Photography	

Monument Types/Significant Finds & Their Periods

List feature types using the [NMR Monument Type Thesaurus](#) and significant finds using the [MDA Object type Thesaurus](#) together with their respective periods. If no features/finds were found, please state "none".

Monument	Period	Object	Period
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Project Location

County	<input type="text" value="Suffolk"/>	Site Address (including postcode if possible)
District	<input type="text" value="Mid Suffolk"/>	<input type="text" value="Barking Tye, Suffolk"/>
Parish	<input type="text" value="Barking"/>	
HER	<input type="text" value="Suffolk"/>	
Study Area	<input type="text"/>	National Grid Reference <input type="text" value="606527, 252019"/>

Project Originators

Organisation	<input type="text" value="OA EAST"/>
Project Brief Originator	<input type="text" value="Rachael Abraham"/>
Project Design Originator	<input type="text" value="Richard Mortimer"/>
Project Manager	<input type="text" value="Richard Mortimer"/>
Supervisor	<input type="text" value="Lindsey Kemp"/>

Project Archives

Physical Archive	Digital Archive	Paper Archive
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<input type="text" value="Accession ID ..."/>	<input type="text" value="Accession ID ..."/>	<input type="text" value="Accession ID ..."/>

Archive Contents/Media

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Ceramics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Human Bones	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leather	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Survey		<input type="checkbox"/>	<input type="checkbox"/>
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Worked Stone/Lithic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Digital Media	Paper Media
<input type="checkbox"/> Database	<input type="checkbox"/> Aerial Photos
<input type="checkbox"/> GIS	<input type="checkbox"/> Context Sheet
<input type="checkbox"/> Geophysics	<input type="checkbox"/> Correspondence
<input checked="" type="checkbox"/> Images	<input type="checkbox"/> Diary
<input type="checkbox"/> Illustrations	<input type="checkbox"/> Drawing
<input type="checkbox"/> Moving Image	<input type="checkbox"/> Manuscript
<input type="checkbox"/> Spreadsheets	<input type="checkbox"/> Map
<input type="checkbox"/> Survey	<input type="checkbox"/> Matrices
<input checked="" type="checkbox"/> Text	<input type="checkbox"/> Microfilm
<input type="checkbox"/> Virtual Reality	<input type="checkbox"/> Misc.
	<input type="checkbox"/> Research/Notes
	<input type="checkbox"/> Photos
	<input type="checkbox"/> Plans
	<input type="checkbox"/> Report
	<input type="checkbox"/> Sections
	<input type="checkbox"/> Survey

Notes:



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Figure 1: Site location showing drill pits (red)



Plate 1: Drill Pit 1, looking south



Plate 2: Drill Pit 16, looking west



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