



# C261 Archaeology Early East PUDDING MILL LANE SUMMARY REPORT

## Archaeological Targeted Watching Briefs, Evaluation and General Watching Briefs at Pudding Mill Lane Worksite (XSK10)

**Document Number: C261-MLA-X-RGN-CR140-50166**

**Document History:**

Version:	Date:	Prepared by:	Checked by:	Authorised by:	Reason for Issue:
1.0	28.05.13	David Sankey	N Elsdon	E Eastbury	For CRL Review
		<i>David Sankey</i>	<i>N Elsdon</i>	<i>E Eastbury</i>	

**CROSSRAIL REVIEW AND ACCEPTANCE STATUS**

This decal is to be used for submitted documents requiring acceptance by CRL.

<input checked="" type="checkbox"/>	Code 1.	Accepted. Work May Proceed
<input type="checkbox"/>	Code 2.	Not Accepted. Revise and resubmit. Work may proceed subject to incorporation of changes indicated
<input type="checkbox"/>	Code 3.	Not Accepted. Revise and resubmit. Work may not proceed
<input type="checkbox"/>	Code 4.	Received for information only. Receipt is confirmed
Reviewed/Accepted by:(signature)	<i>[Signature]</i>	
Print Name:	<i>J. CARVER</i>	Date: <i>27/6/13</i>
<small>Acceptance by CRL does not relieve the designer/supplier from full compliance with their contractual obligations and does not constitute CRL approval of design, details, calculations, analyses, test methods or materials developed or selected by the designer/supplier.</small>		

This document contains proprietary information. No part of this document may be reproduced without prior written consent from the chief executive of Crossrail Ltd.

## 1 Summary for London Archaeologist

### Newham

**Pudding Mill Lane worksite, E15** TQ 3763 8331 MOLA (David Sankey) evaluation Nov 2011, excavation Dec 2011 - Jan 2012 watching brief Jan 2011 - Nov 2012 Crossrail Ltd XSK10

A targeted watching brief took place on removal of deposits from the cut and cover tunnel part of the portal at Pudding Mill Lane. Ancillary works, service redirections, and a grout shaft were also monitored. Generally these exposed Holocene River Lea alluvium overlying Pleistocene River Lea Terrace gravels. An evaluation trench in the chamber for Tunnel Boring Machines – Emergency Intervention Portal – which revealed a double line of robust stakes or piles – with waterworn tops – aligned perpendicular to the general flow of the river. The trench was widened to the full extent of the TBM-EIP chamber and parallel double lines of stakes were exposed either side of the original, with wattle and some residual medieval pottery. They were radio carbon dated to two ranges: the first from the 1430s to the 1520s and the second from AD 1601 to 1616. The former (larger) range is in conformity with the creation of fish weirs prior to their dismantling after the Act of 1571, setting up the River Lea Navigation.

## 2 Summary for Britannia

'Not required'

## 3 Summary for Medieval Archaeology

'Not required'

## 4 Summary for Post Medieval Archaeology

### **LONDON BOROUGH OF NEWHAM**

#### **Pudding Mill Lane worksite, E15**

**PUDDING MILL LANE (CROSSRAIL) WORKSITE, LONDON E15 (TQ TQ 3763 8331).**

D Sankey (MOLA) carried out a targeted watching brief on removal of deposits from the cut and cover rail tunnel portal. Ancillary works, service redirections, and a grout shaft were also monitored. Generally these exposed Holocene River Lea alluvium overlying Pleistocene River Lea Terrace gravels. An evaluation trench in the chamber for Tunnel Boring Machines – Emergency Intervention Portal – revealed a double line of robust stakes or piles – with waterworn tops – aligned perpendicular to the general flow of the river. The trench was widened to the full extent of the TBM-EIP chamber and parallel double lines of stakes were exposed either side of the original, with wattle and some residual medieval pottery. They were radio carbon dated to two ranges: the first from the 1430s to the 1520s and the second from AD 1601 to 1616. The former (larger) range is in conformity with the creation of fish weirs prior to their dismantling after the Act of 1571, setting up the River Lea Navigation.

**OASIS ID: Not completed work continuing**