



Norwich Western Link

Environmental Statement

Chapter 10: Biodiversity

Appendix 10.3: Otter and Water Vole Survey Report 2020

Part 7 of 7

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1 Introduction

1.1.1 WSP has been commissioned by Norfolk County Council to complete a comprehensive suite of otter and water vole surveys, with the following objectives as listed below.

- Establish whether otter and water vole are present or likely absent within the Survey Area;
- Determine, if present, the distribution of otter and water vole within the Survey Area; and
- Present the findings of the survey in a baseline report.

1.1.2 The findings of these objectives will be used to inform the impact assessment and proposed mitigation for all otter and water vole present across the Scheme. Details of the impact assessment and mitigation are included within the Biodiversity Chapter of the Environmental Statement for the Scheme.

1.1.3 We have included a summary of key information shown in this document in an accessible format. However, some users may not be able to access all technical details. If you require this document in a more accessible format please contact norwichwesternlink@norfolk.gov.uk.

Date	Grid reference	Field sign	Species	Description
12/08/2020	TG1376215654	Burrow	Water vole	Possible burrow.
08/09/2020	TG1423815321	Latrine	Water vole	x2 droppings.
08/09/2020	TG1423815321	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1423815321	Burrow	Water vole	Water vole burrow
08/09/2020	TG1424315325	Latrine	Water vole	x2 droppings.
08/09/2020	TG1424315325	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1424315325	Run	Water vole	Water vole run
08/09/2020	TG1424615319	Latrine	Water vole	x4 droppings.
08/09/2020	TG1424615319	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1424615319	Run	Water vole	Water vole run
08/09/2020	TG1424815321	Latrine	Water vole	x1 dropping.
08/09/2020	TG1424815321	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1425015320	Latrine	Water vole	x10 droppings.
08/09/2020	TG1417815351	Latrine	Water vole	x10 droppings.
08/09/2020	TG1417815351	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1406915386	Latrine	Water vole	x1 dropping.
08/09/2020	TG1406915386	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1402715429	Latrine	Water vole	x2 droppings.
08/09/2020	TG1402715429	Feeding remains	Water vole	Water vole feeding remains

Date	Grid reference	Field sign	Species	Description
08/09/2020	TG1396215494	Latrine	Water vole	x13 older droppings.
08/09/2020	TG1396815492	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1391115522	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1391115522	Latrine	Water vole	Old latrine largely disintegrated.
08/09/2020	TG1426215313	Latrine	Water vole	x3 droppings.
08/09/2020	TG1421015320	Latrine	Water vole	Minimum of 20 droppings.
08/09/2020	TG1411015373	Latrine	Water vole	x9 droppings, some disintegrating.
08/09/2020	TG1410815374	Feeding remains	Water vole	Possible feeding remains.
10/09/2020	TG1374115650	Latrine	Water vole	x3 droppings.

Table E-2 – Watercourse 3 Field Survey Results

Date	Grid reference	Field sign	Species	Description
08/09/2020	TG1352215449	Feeding remains	Water vole	Possible water vole feeding remains - large and with correct angle.
08/09/2020	TG1354415474	Latrine	Unidentified small mammal	Unidentified small mammal latrine
08/09/2020	TG1354415474	Feeding remains	Unidentified small mammal	Unidentified small mammal feeding remains

Date	Grid reference	Field sign	Species	Description
08/09/2020	TG1354515472	Feeding remains	Water vole	Possible water vole feeding remains as some feeding remains are the correct size - mixture of old and new.
08/09/2020	TG1352615456	Latrine	Unidentified small mammal	Unidentified small mammal latrine
08/09/2020	TG1352615456	Feeding remains	Unidentified small mammal	Unidentified small mammal feeding remains

Table E-3 – Watercourse 5 Field Survey Results

Date	Grid reference	Field signs	Species	Description
01/07/2020	TG1387315190	Feeding remains	Water vole	Water vole feeding remains
01/07/2020	TG1387315190	Latrine	Water vole	x2 droppings.
01/07/2020	TG1387115194	Burrow	Water vole	Potential water vole burrow 3m east of bridge.
13/08/2020	TG1389115179	Feeding remains	Water vole	Water vole feeding remains
13/08/2020	TG1387515192	Feeding remains	Water vole	Water vole feeding remains
13/08/2020	TG1388015188	Feeding remains	Water vole	Water vole feeding remains
13/08/2020	TG1382915228	Feeding remains	Water vole	Water vole feeding remains
13/08/2020	TG1375615266	Feeding remains	Water vole	Old feeding remains.
13/08/2020	TG1373615279	Burrow	Water vole	Burrow on top of bank.

Date	Grid reference	Field signs	Species	Description
13/08/2020	TG1372615288	Burrow	Water vole	Burrow entrance at water's edge.
13/08/2020	TG1372615288	Feeding remains	Water vole	Water vole feeding remains
13/08/2020	TG1372615288	Latrine	Water vole	x3 droppings.
08/09/2020	TG1369915305	Latrine	Water vole	x4 droppings.
08/09/2020	TG1369915305	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1369815305	Latrine	Water vole	x2 droppings.
08/09/2020	TG1369815305	Feeding remains	Water vole	Water vole feeding remains
08/09/2020	TG1369615307	Latrine	Water vole	x12 droppings.
08/09/2020	TG1369615307	Feeding remains	Water vole	Water vole feeding remains

Table E-4 – Watercourse 6 Field Survey Results

Date	Grid reference	Field signs	Species	Description
06/05/2020	TG1035113478	Feeding remains	Unidentified small mammal	Unidentified small mammal feeding remains
06/05/2020	TG1035513481	Feeding remains	Unidentified small mammal	Unidentified small mammal feeding remains

Date	Grid reference	Field signs	Species	Description
06/05/2020	TG1035513481	Latrine	Unidentified small mammal	Unidentified small mammal latrine
06/05/2020	TG1037213475	Feeding remains	Unidentified small mammal	Unidentified small mammal feeding remains
06/05/2020	TG1051613331	Burrow	Unidentified small mammal	Unidentified small mammal burrow

Table E-5 – Trail Camera Results

Trail camera	Date	Description of species recorded
TC1	18/08/2020 – 03/09/2020	360x pheasant <i>Phasianus colchicus</i> , 30x cow <i>Bos taurus</i> , 14x wood pigeon <i>Columba palumbus</i> , 8x feral pigeon <i>Columba livia</i> , 7x brown rat, 6x jay <i>Garrulus glandarius</i> , 2x mouse <i>Apodemus sp.</i> and 1x buzzard <i>Buteo buteo</i> .
TC2	27/08/2020 – 09/09/2020	1x American mink and 1x brown rat.
TC3	18/11/2020 – 08/12/2020	8x little egret <i>Egretta garzetta</i> , 5x grey heron <i>Ardea cinerea</i> , 12x pheasant and 3x brown rat.

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