



RSPB Shorne Marshes Habitat Enhancement

Water Vole Site Surveys - Supporting Documentation PP-12376185



RSPB Shorne Marshes (RSPB,2015)

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Figure 1: Arcadis Water Vole Survey on behalf of Lower Thames Crossing at Shorne Marshes in 2017. Blue shows signs (latrines and feeding stations) of water voles.

Figure 2: RSPB Water Vole survey of crossing points where works will be taking place on ditches in May 2023

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Please ensure you have read the survey guidelines before doing your survey. Please complete the *Site information form* when you do your preliminary visit of your site. You will then need to complete the *NWVMP survey form* when you do your survey in May.

Site information form

1. Site number: 1 - Sheme Meadows

2. Habitat:

Upland ☐ Lowland ☐ Coastal ☒

3. Waterway type:

river ☐ stream/burn ☐ lake/loch ☐ reed bed ☐ marsh ☐ bog ☐
 pond ☐ canal ☐ reservoir ☐ ditch/dyke ☒ other ☐

If other please specify:

4. Have water voles been reintroduced at this site?

Yes ☐ No ☒ Don't know ☐

If yes, please specify when the reintroduction happened:

5. Total number of transects at site (usually one): 6

6. Does mink control occur on this site?

Yes ☐ No ☒ Don't know ☐

Your Transect details

7. Start grid reference (8 figure grid reference e.g. XX74736789)

8. End grid reference (8 figure grid reference e.g. XX74736789)

9. Grid references of each 100m mark along your transect (complete as many as is applicable to the length of your transect – you will not be asked to enter this data online):

100m	200m	300m	400m	500m	600m
TQ69662 74405	TQ69845 74135	TQ69999 74361	TQ69759 74684	TQ69551 74594	TQ69505 74359

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National Water Vole Monitoring Programme survey form

Site Number: <i>1-Shore meadows</i>	Transect No. (if applicable):	Bank surveyed (N/S/E/W):
Start grid ref:	End grid ref:	Transect length:
Survey date: <i>1/5/23</i>	Surveyor: <i>Will Toft</i>	

Water vole signs in each 100m section of the transect (complete as many as is applicable to the length of your transect)						
Field sign	0-100m	100-200m	200-300m	300-400m	400-500m	500-600m
Number of trampled latrines (trodden flat on top)	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Number of untrampled latrines	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Please note the location of the first latrine that you encounter (Grid Reference or GPS)	<i>0</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
Please note the location of the last latrine that you encounter (Grid Reference or GPS)	<i>N/A</i>					
Water vole feeding signs	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Burrows/nests (approximate no.)	☒ None ☐ 1-5 ☐ 6 - 10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6 - 10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6 - 10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6 - 10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6 - 10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6 - 10 ☐ More than 10
Sighting:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:

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Mink/otter signs along the whole transect (only record if you are certain of your identification and please take a photo including an object to indicate scale)	
Mink <i>None</i>	Otter <i>None</i>
☐ Scat ☐ Footprints ☐ Sighting	☐ Spraint ☐ Footprints ☐ Sighting
Mink raft present ☐ Yes ☒ No	
Any comments on mink control at the site/transect	
<i>None</i>	

Data should be submitted by the 31st October each year
Please enter all data online at www.ptes.org/watervoles

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Figure 3: RSPB Water Vole survey of crossing points where works will be taking place on ditches in October 2023

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Please ensure you have read the survey guidelines before doing your survey. Please complete the *Site information form* when you do your preliminary visit of your site. You will then need to complete the *NWVMP survey form* when you do your survey in May.

Site information form

1. Site number: 1 Shore Meads.

2. Habitat:

Upland ☐ Lowland ☐ Coastal ☒

3. Waterway type:

river ☐ stream/burn ☐ lake/loch ☐ reed bed ☐ marsh ☐ bog ☐
 pond ☐ canal ☐ reservoir ☐ ditch/dyke ☒ other ☐

If other please specify:

4. Have water voles been reintroduced at this site?
 Yes ☐ No ☒ Don't know ☐
 If yes, please specify when the reintroduction happened:

5. Total number of transects at site (*usually one*): 6

6. Does mink control occur on this site?
 Yes ☐ No ☒ Don't know ☐

Your Transect details - Crossing points.

7. Start grid reference (8 figure grid reference e.g. XX74736789)

8. End grid reference (8 figure grid reference e.g. XX74736789)

9. Grid references of each 100m mark along your transect (*complete as many as is applicable to the length of your transect – you will not be asked to enter this data online*):

100m	200m	300m	400m	500m	600m
TQ6966274095	TQ6966574113	TQ6966974361	TQ6967874684	TQ6968174594	TQ6968574389

National Water Vole Monitoring Programme survey form

Site Number: <i>Y- Shame Marblers</i>	Transect No. (if applicable):	Bank surveyed (N/S/E/W): <i>Side being walked on</i>
Start grid ref:	End grid ref:	Transect length:
Survey date: <i>1/10/23</i>	Surveyor: <i>Will Tofts</i>	

Water vole signs in each 100m section of the transect (complete as many as is applicable to the length of your transect)						
Field sign	0-100m	100-200m	200-300m	300-400m	400-500m	500-600m
Number of trampled latrines (trodden flat on top)	0	0	0	0	0	0
Number of untrampled latrines	0	0	0	0	0	0
Please note the location of the first latrine that you encounter (Grid Reference or GPS)	N/A	0	N/A	N/A	N/A	N/A
Please note the location of the last latrine that you encounter (Grid Reference or GPS)	N/A	N/A	N/A	N/A	N/A	N/A
Water vole feeding signs	0	0 0	0	0	0	0
Burrows/nests (approximate no.)	☒ None ☐ 1-5 ☐ 6-10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6-10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6-10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6-10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6-10 ☐ More than 10	☒ None ☐ 1-5 ☐ 6-10 ☐ More than 10
Sighting:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:	☒ No ☐ Yes, if so how many:

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Mink/otter signs along the whole transect (only record if you are certain of your identification and please take a photo including an object to indicate scale)	
Mink <i>None</i>	Otter <i>None</i>
☐ Scat ☐ Footprints ☐ Sighting	☐ Spraint ☐ Footprints ☐ Sighting
Mink raft present ☐ Yes ☒ No	
Any comments on mink control at the site/transect	
<i>Poached by cattle - Ditch dry due to management for Crassula.</i>	

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