

National Water Vole Database Project

**Part 2: PROJECT MAPS
for period 2013 - 2022**

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Wildlife Trusts

December 2024

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INTRODUCTION

This document is Part 2 of the National Water Vole Database Project 2013 – 2022 and comprises the Guide to Using the Distribution and Alert Maps, followed by the maps themselves.

This document and maps should be read in conjunction with Part 1 of the National Water Vole Database Project 2013 – 2022.

GUIDE TO THE USE OF THE DISTRIBUTION AND ALERT MAPS

The following tables explain the uses and limitations of the project maps:

Table 1: Water Vole Distribution Maps: Quick Guide

Table 2: American Mink Distribution Maps: Quick Guide

Table 3: Water Vole Alert Area Maps: Quick Guide

Table 4: Water Vole Local Key Area Maps: Quick Guide

Table 5: Water Vole Regional Key Area Maps: Quick Guide

Table 1: Water Vole Distribution Maps: Quick Guide

Map Title	Page	Resolution	Display Format	Uses	Caution
Great Britain: Water Vole Presence Jan 1861 - Dec 2022	8	Derived from records ≥ 100m resolution	Dots	For: <ul style="list-style-type: none"> • Providing overview of distribution across Britain since records began. • Helping to plan further survey/ research at national level. 	Does not: <ul style="list-style-type: none"> • Purport to capture all areas historically or currently occupied by water voles (to an extent reflects recorder effort). • Indicate abundance. • Show status over time.
Great Britain: Water Vole Presence Jan 1861 - Dec 2022	9	Derived from records ≥ 1km resolution	10km squares	For: <ul style="list-style-type: none"> • Providing overview of distribution across Britain since records began. • Reporting against UK BAP targets. • Helping to plan further survey/research at national level. 	
Great Britain: Water Vole Presence Jan 2013 - Dec 2022	10	Derived from records ≥ 100m resolution	Dots	For: <ul style="list-style-type: none"> • Providing overview of distribution across Britain over the last 10 years. • Helping to plan further survey/research at national level. 	
Great Britain: Water Vole Presence Jan 2013 - Dec 2022	11	Derived from records ≥ 1km resolution	10km squares	For: <ul style="list-style-type: none"> • Providing overview of distribution across Britain over the last 10 years. • Reporting against UK BAP targets. • Helping to plan further survey/research at national level. 	
Great Britain: Water Vole Absence Jan 1861 - Dec 2022	12	Derived from records ≥ 100m resolution	Dots	For: <ul style="list-style-type: none"> • Indicating where absence was recorded during survey. 	
Great Britain: Water Vole Absence Jan 2013 - Dec 2022	13				

Table 2: American Mink Distribution Maps: Quick Guide

Map Title	Page	Resolution	Display Format	Uses	Caution
Great Britain: American Mink Presence Jan 1952 - Dec 2022	15	Derived from records \geq 100m	Dots	For: <ul style="list-style-type: none"> • Providing overview of distribution across Britain since records began. • Helping to plan further survey/research at national level. 	Does not: <ul style="list-style-type: none"> • Separate mink survey records from mink trapping records. Mink 'presence' may in some cases represent an animal that has been 'removed' from the population.
Great Britain: American Mink Presence Jan 1952 - Dec 2022	16	Derived from records \geq 1km resolution	10km squares		
Great Britain: American Mink Presence Jan 2013 - Dec 2022	17	Derived from records \geq 100m	Dots	For: <ul style="list-style-type: none"> • Providing overview of distribution across Britain over the last 10 years. • Helping to plan further survey/research at national level. 	
Great Britain: American Mink Presence Jan 2013 - Dec 2022	18	Derived from records \geq 1km resolution	10km squares		
Great Britain: American Mink Absence Jan 1952 - Dec 2022	19	Derived from records \geq 100m	Dots	For: <ul style="list-style-type: none"> • Indicating where absence was recorded during survey. 	Does not: <ul style="list-style-type: none"> • Indicate areas where mink have been absent historically or are currently absent.
Great Britain: American Mink Absence Jan 2013 - Dec 2022	20	Derived from records \geq 100m	Dots		

Table 3: Water Vole Alert Area Maps: Quick Guide

Water Vole Alert Area Maps				
Map Title	Page	Data Displayed	Uses	Caution
Water Vole Alert Areas: South West River Basin District Jan 2013 - Dec 2022	22	Derived from records \geq 100m resolution with buffers added.	For: <ul style="list-style-type: none"> Identifying at least some of the potentially suitable habitat within water vole dispersal distance of populations recorded over the last five years. Alerting users to potential presence of water voles. Assisting with the collation of data for agri-environment schemes. Alerting organisations that undertake regular maintenance tasks to the potential presence of water voles. Planning future water vole survey and monitoring. 	These maps do not: <ul style="list-style-type: none"> Confer any statutory or nonstatutory designation. Provide a precise boundary defining presence/absence of water voles and/or their habitat e.g. the 0.5km wide buffer along occupied watercourses will not always capture the extent of adjacent suitable habitat. Identify other potentially suitable habitat into which populations may move in the future. Remove the need to consider other mapping/imagery to assess habitat suitability. Remove the need to undertake new surveys prior to determining development/engineering/habitat works. Sub populations can disappear from sites and/or re appear from one survey season to the next. Populations may also move in response to relatively small changes in habitat quality.
Water Vole Alert Areas: South East River Basin District Jan 2013 - Dec 2022	25			
Water Vole Alert Areas: Wales River Basin District Jan 2013 - Dec 2022	28			
Water Vole Alert Areas: Severn River Basin District Jan 2013 - Dec 2022	31			
Water Vole Alert Areas: Thames River Basin District Jan 2013 - Dec 2022	34			
Water Vole Alert Areas: Anglian River Basin District Jan 2013 - Dec 2022	37			
Water Vole Alert Areas: Dee River Basin District Jan 2013 - Dec 2022	40			
Water Vole Alert Areas: North West River Basin District Jan 2013 - Dec 2022	43			
Water Vole Alert Areas: Humber River Basin District Jan 2013 - Dec 2022	46			
Water Vole Alert Areas: Solway Tweed River Basin District Jan 2013 - Dec 2022	49			
Water Vole Alert Areas: Northumbria River Basin District Jan 2013 - Dec 2022	52			
Water Vole Alert Areas: Scotland River Basin District Jan 2013 - Dec 2022	55			

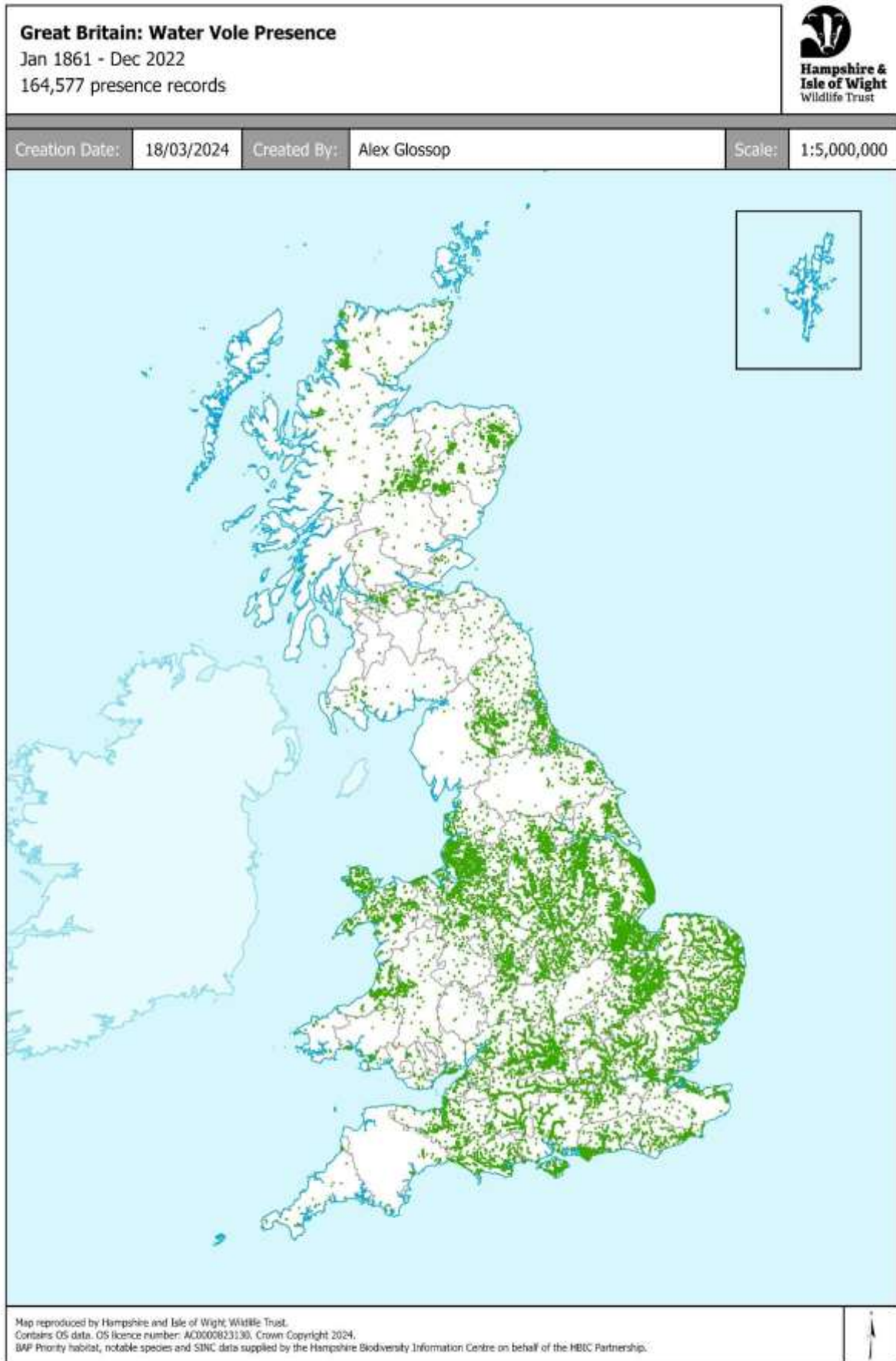
Table 4: Local Key Area Maps: Quick Guide

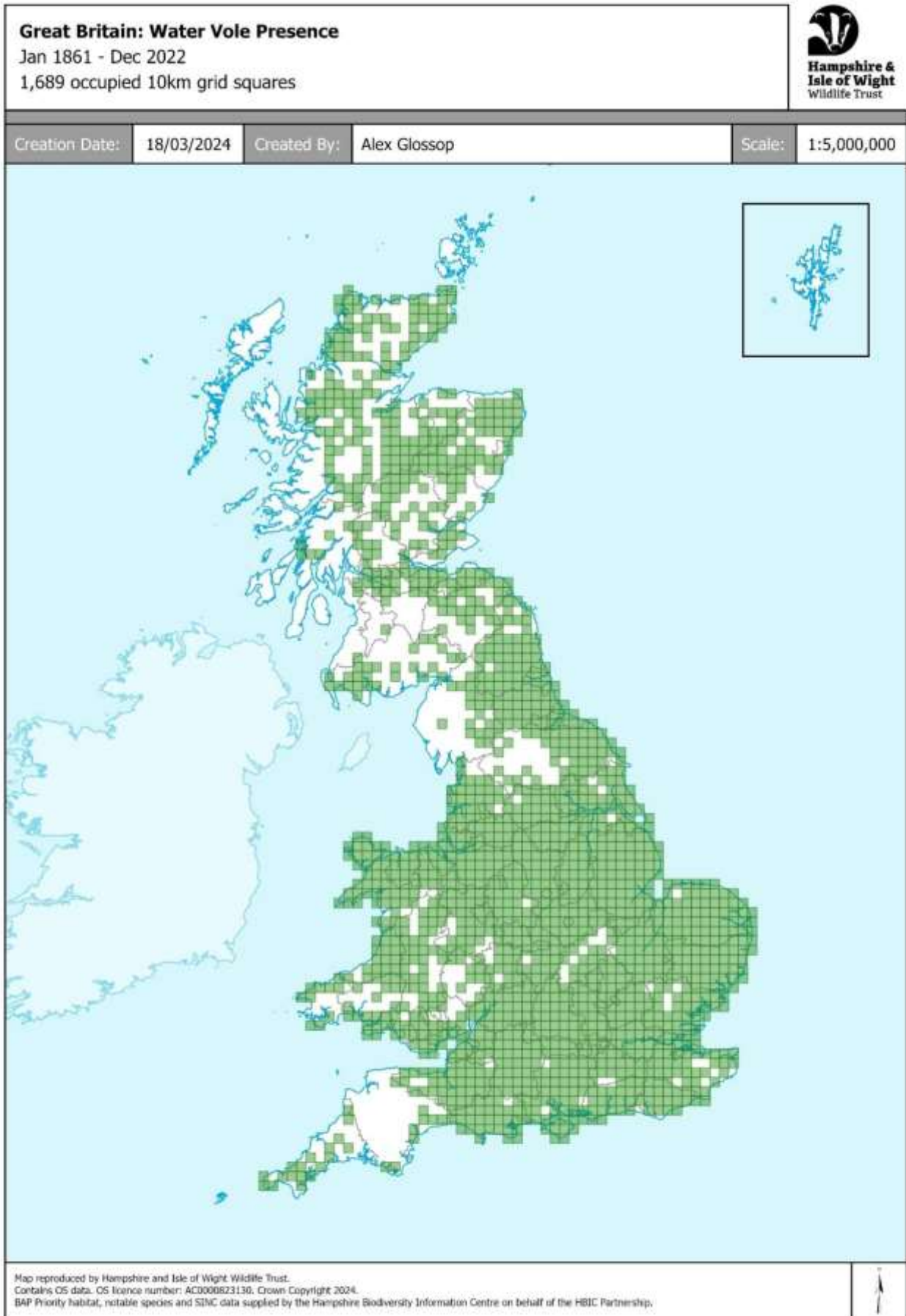
Water Vole Local Key Area Maps				
Map Title	Page	Data Displayed	Uses	Caution
Water Vole LK Areas: South West River Basin District Jan 2013 - Dec 2022	23	Alert Areas over 6km ² derived from records \geq 100m resolution with buffers added	For: <ul style="list-style-type: none"> Indicating areas \geq 6 km² that are likely to support larger populations/clusters of populations that have a greater chance of persisting long term. Encouraging protection and/or sensitive management of potentially suitable habitat within and adjacent to sites where water voles recorded in the last ten years. Assisting with designation of local wildlife sites. Targeting survey and monitoring efforts. Targeting habitat enhancement and creation works. Targeting mink control efforts. Assisting with the development of agrienvironment scheme applications. 	These maps do not: <ul style="list-style-type: none"> Confer any statutory or non-statutory designation. Provide a precise boundary defining presence/absence of water voles and/or their habitat (as outlined in Table 5) Identify other potentially suitable habitat into which populations may move in the future. Remove the need to consider other mapping/imagery to assess habitat suitability. Remove the need to undertake new surveys prior to determining development/engineering/habitat works. Sub populations can disappear from sites and/or re appear from one survey season to the next. Populations may move in response to small changes in habitat quality. Show smaller populations, which may decline due to stochastic events. Highlight small colonies or small clusters, which are highly unlikely to persist without positive intervention. <i>In some areas these small colonies may be essential in aiding recovery of populations and may also regarded as locally important.</i>
Water Vole LK Areas: South East River Basin District Jan 2013 - Dec 2022	26			
Water Vole LK Areas: Wales River Basin District Jan 2013 - Dec 2022	29			
Water Vole LK Areas: Severn River Basin District Jan 2013 - Dec 2022	32			
Water Vole LK Areas: Thames River Basin District Jan 2013 - Dec 2022	35			
Water Vole LK Areas: Anglian River Basin District Jan 2013 - Dec 2022	38			
Water Vole LK Areas: Dee River Basin District Jan 2013 - Dec 2022	41			
Water Vole LK Areas: North West River Basin District Jan 2013 - Dec 2022	44			
Water Vole LK Areas: Humber River Basin District Jan 2013 - Dec 2022	47			
Water Vole LK Areas: Solway Tweed River Basin District Jan 2013 - Dec 2022	50			
Water Vole LK Areas: Northumbria River Basin District Jan 2013 - Dec 2022	53			
Water Vole LK Areas: Scotland River Basin District Jan 2013 - Dec 2022	56			

Table 5: Regional Key Area Maps: Quick Guide

Water Vole Regional Key Area Maps				
Map Title	Page	Data Displayed	Uses	Caution
Water Vole RK Areas: South West River Basin District Jan 2013 - Dec 2022	24	Alert Areas over 35km ² derived from records \geq 100m with buffers added	For: <ul style="list-style-type: none"> • Indicating areas \geq 35 km² where populations are more likely to survive the impacts of stochastic events and to persist > 40 years. • Prioritising long term strategic policy initiatives. • Facilitating collaborative working. • Prioritising resource allocation. • Targeting mink control efforts at regional level. • Assisting with designation of statutory and non-statutory sites. • Targeting survey and monitoring efforts at regional level. • Targeting habitat works at regional level. • Encouraging protection and/or sensitive management of potentially suitable habitat within and adjacent to occupied water vole sites. • Assisting with the development of agri-environment scheme applications. 	These maps do not: <ul style="list-style-type: none"> • Confer any statutory or nonstatutory designation. • Provide a precise boundary defining the presence or absence of water voles and/or their habitat (as outlined in Table 5). • Identify other potentially suitable habitat into which populations may move in the future. • Remove the need to consider other mapping/imagery to assess habitat suitability. • Remove the need to undertake new surveys prior to determining development/engineering/habitat works. • Show smaller populations, which may decline due to stochastic events. • Highlight small colonies or small clusters, which are highly unlikely to persist without positive intervention. <i>In some areas these small colonies may be essential in aiding recovery of populations. They may represent all or most of the remaining populations in the area and may also be regarded as regionally important.</i>
Water Vole RK Areas: South East River Basin District Jan 2013 - Dec 2022	27			
Water Vole RK Areas: Wales River Basin District Jan 2013 - Dec 2022	30			
Water Vole RK Areas: Severn River Basin District Jan 2013 - Dec 2022	33			
Water Vole RK Areas: Thames River Basin District Jan 2013 - Dec 2022	36			
Water Vole RK Areas: Anglian River Basin District Jan 2013 - Dec 2022	39			
Water Vole RK Areas: Dee River Basin District Jan 2013 - Dec 2022	42			
Water Vole RK Areas: North West River Basin District Jan 2013 - Dec 2022	45			
Water Vole RK Areas: Humber River Basin District Jan 2013 - Dec 2022	48			
Water Vole RK Areas: Solway Tweed River Basin District Jan 2013 - Dec 2022	51			
Water Vole RK Areas: Northumbria River Basin District Jan 2013 - Dec 2022	54	Derived from records \geq 100m with buffers added	For: <ul style="list-style-type: none"> • Strategic overview of water vole Regional Key Areas. 	
Water Vole RK Areas: Scotland River Basin District Jan 2013 - Dec 2022	57			
Water Vole RK Areas: Great Britain Jan 2013 - Dec 2022	58			

WATER VOLE DISTRIBUTION MAPS







Great Britain: Water Vole Presence

Jan 2013 - Dec 2022

70,361 presence records

Creation Date:

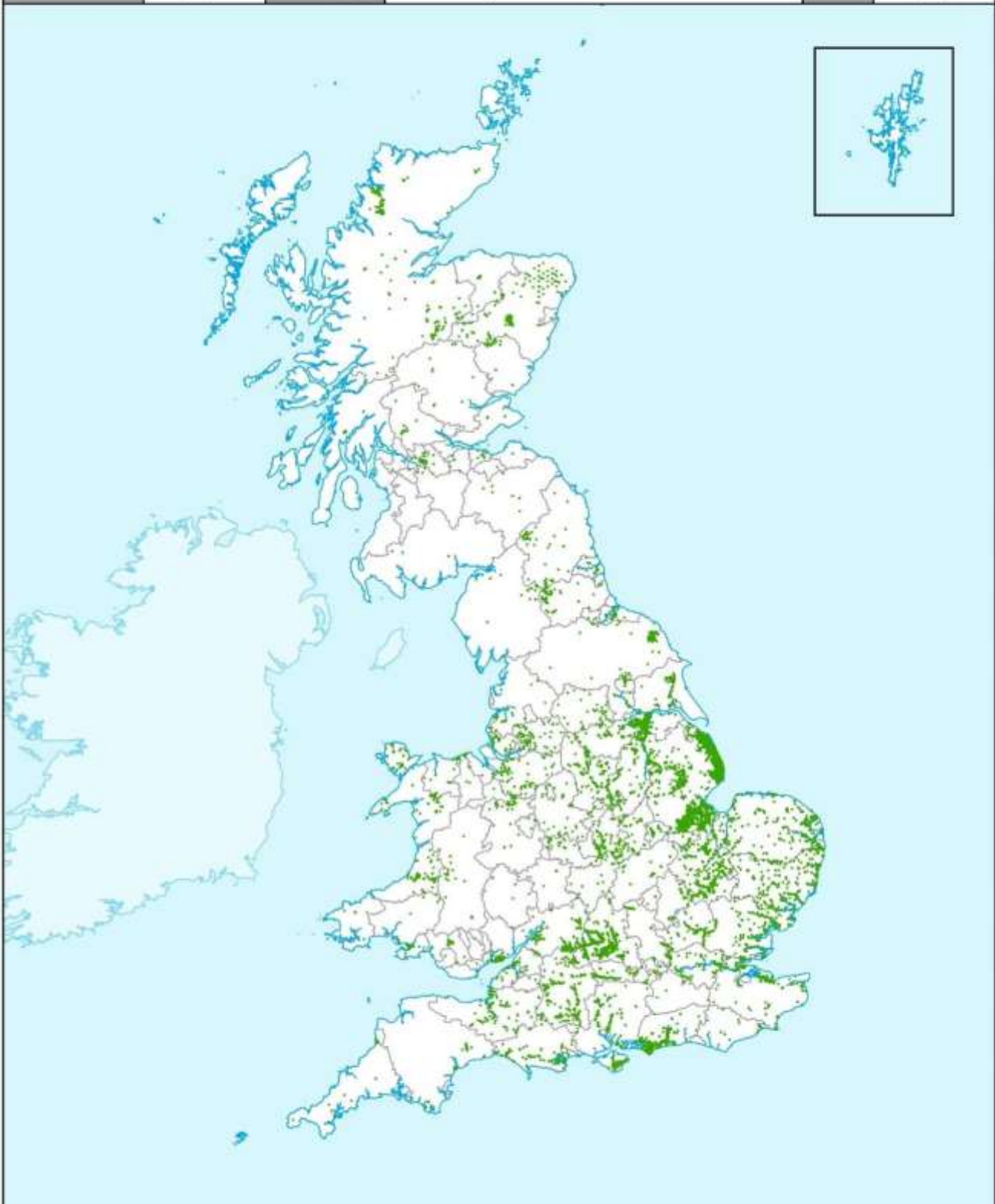
18/03/2024

Created By:

Alex Glossop

Scale:

1:5,000,000



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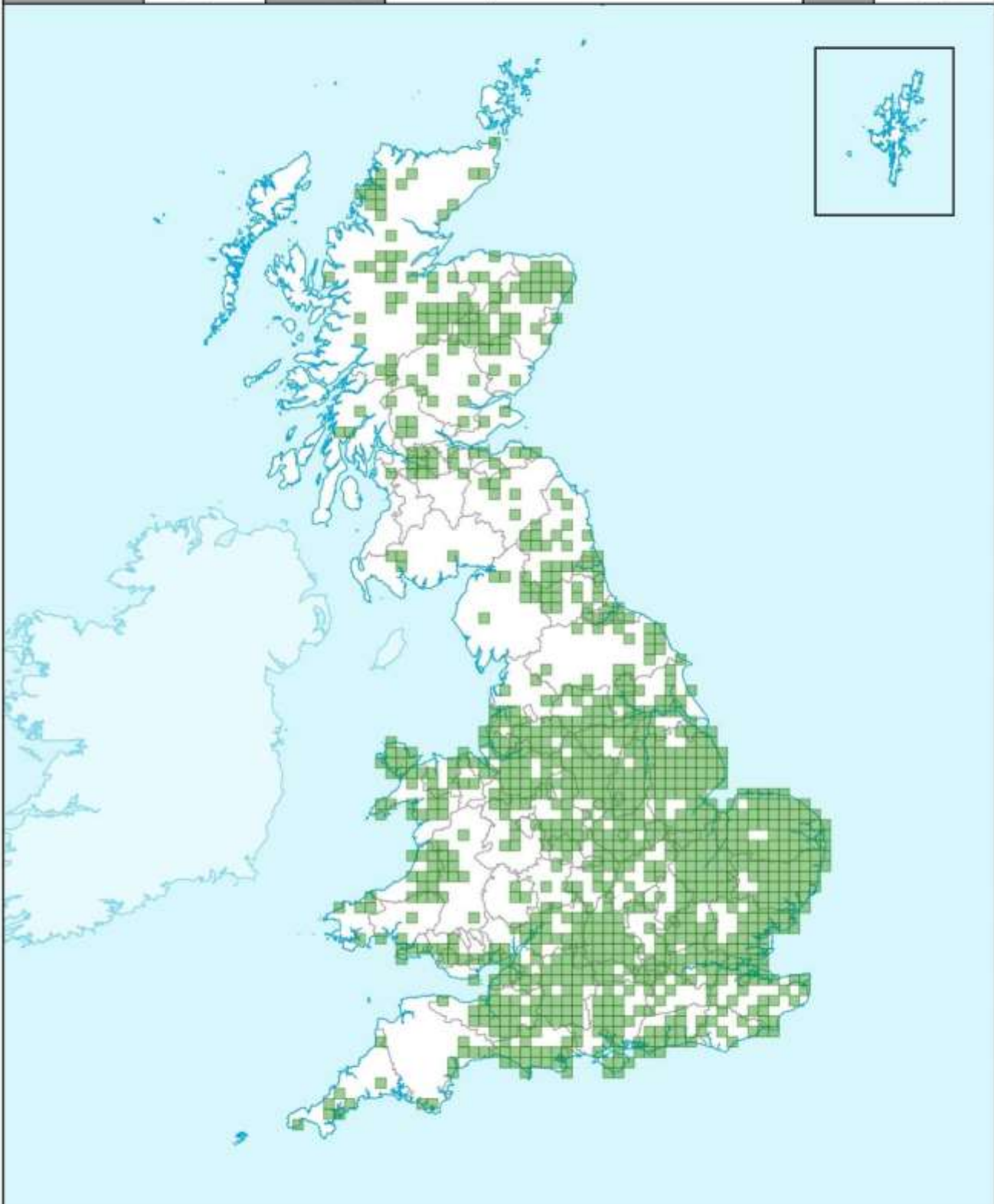


Great Britain: Water Vole Presence

Jan 2013 - Dec 2022

1,042 occupied 10km grid squares

Creation Date:	18/03/2024	Created By:	Alex Glossop	Scale:	1:5,000,000
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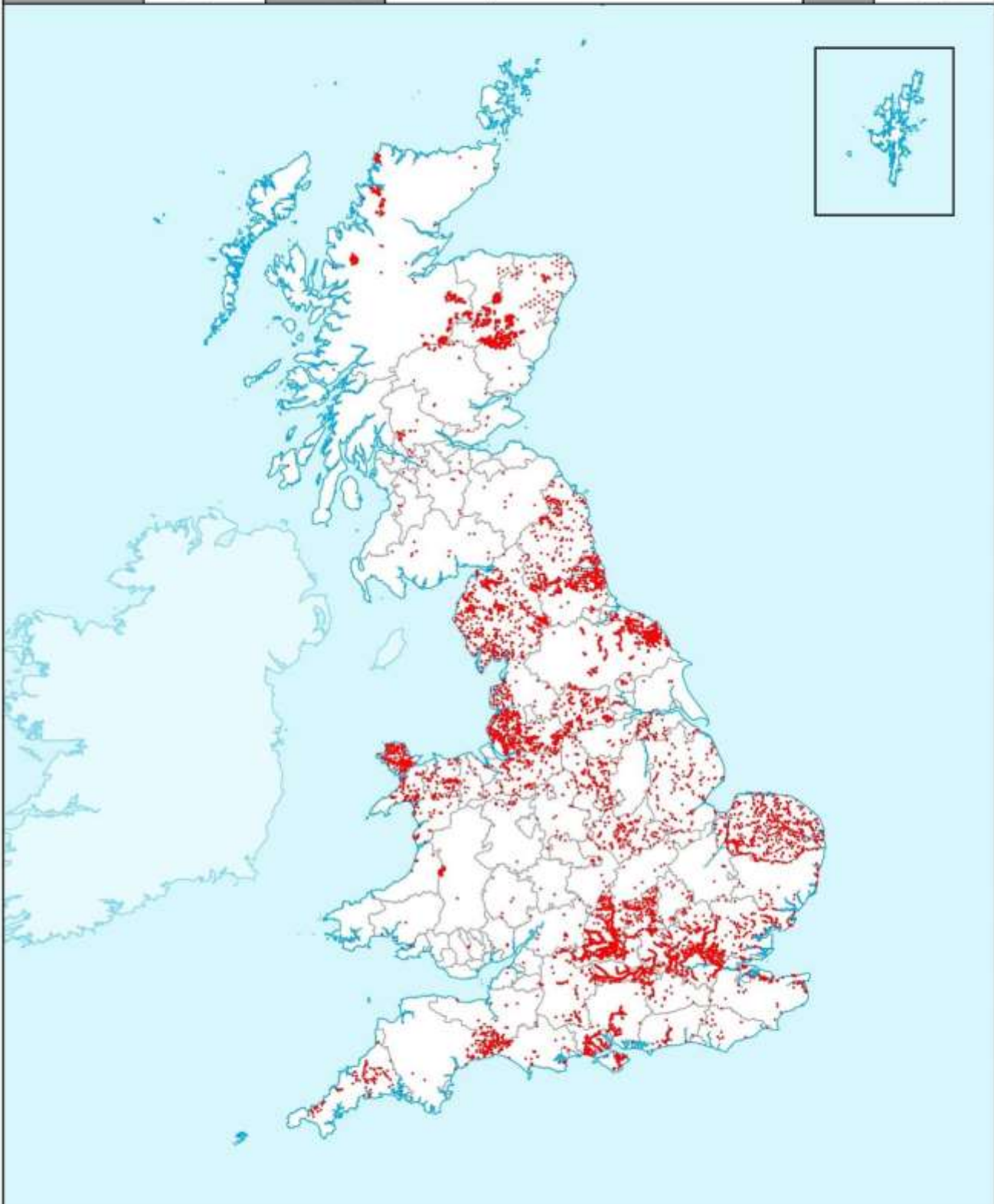




Great Britain: Water Vole Absence

Jan 1861 - Dec 2022
18,270 absence records

Creation Date: 18/03/2024 Created By: Alex Glossop Scale: 1:5,000,000



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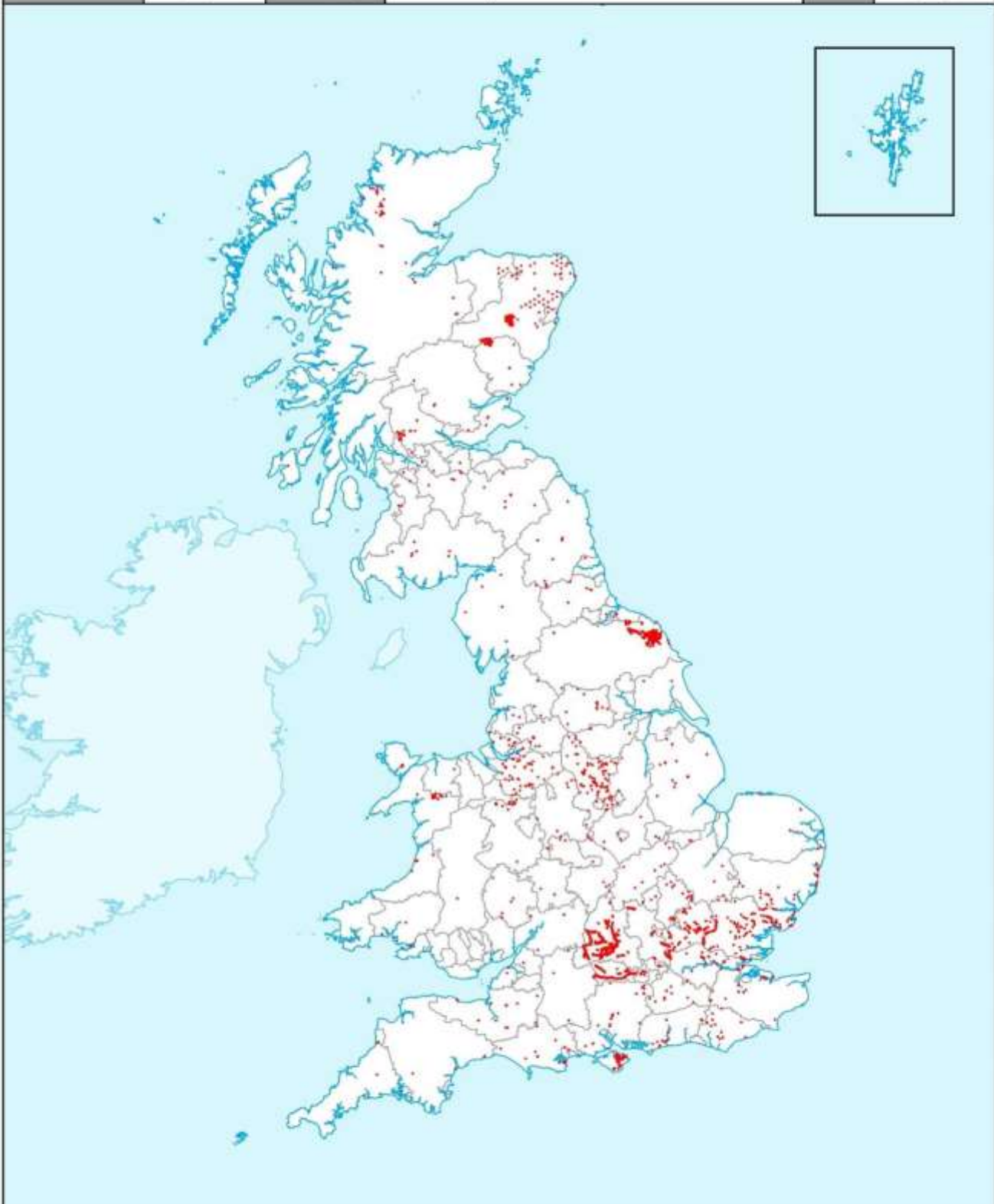




Great Britain: Water Vole Absence

Jan 2013 - Dec 2022
4,301 absence records

Creation Date:	18/03/2024	Created By:	Alex Glossop	Scale:	1:5,000,000
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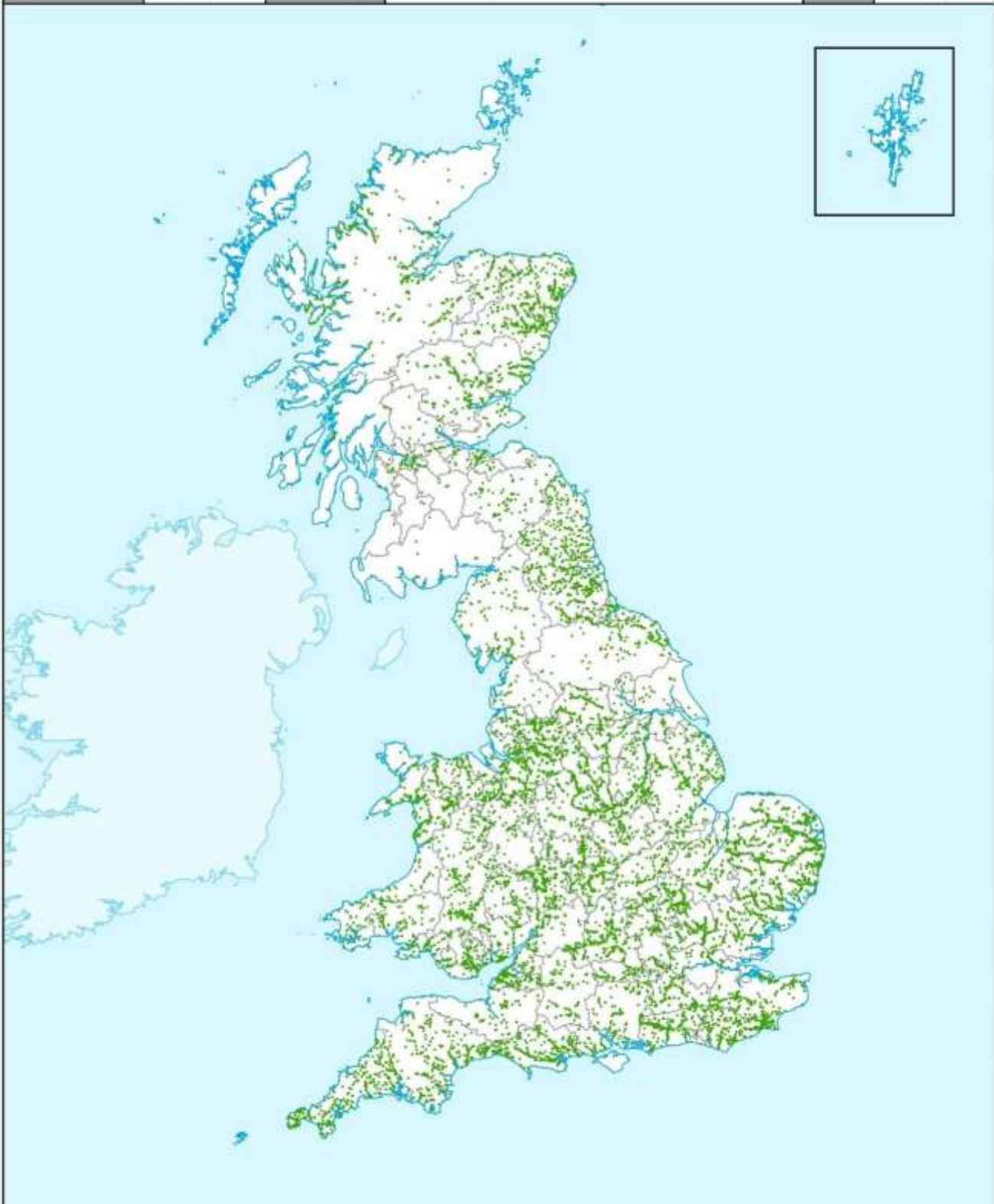
AMERICAN MINK DISTRIBUTION MAPS



Great Britain: American Mink Presence

Jan 1952 - Dec 2022
23,201 presence records

Creation Date: 18/03/2024 Created By: Alex Glossop Scale: 1:5,000,000



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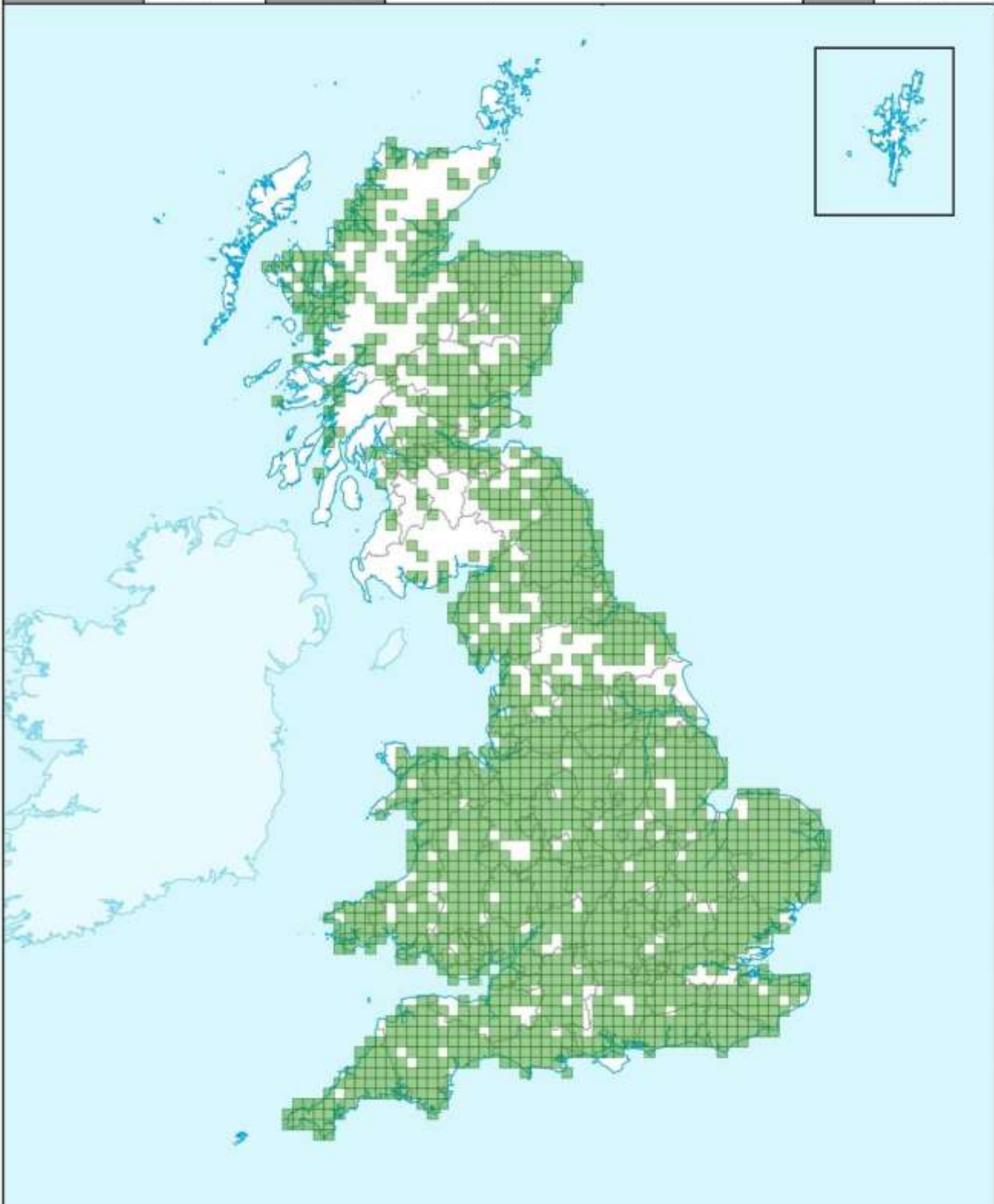


Great Britain: American Mink Presence

Jan 1952 - Dec 2022

1,802 occupied 10km grid squares

Creation Date:	18/03/2024	Created By:	Alex Glossop	Scale:	1:5,000,000
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Great Britain: American Mink Presence

Jan 2013 - Dec 2022
6,142 presence records

Creation Date:	18/03/2024	Created By:	Alex Glossop	Scale:	1:5,000,000
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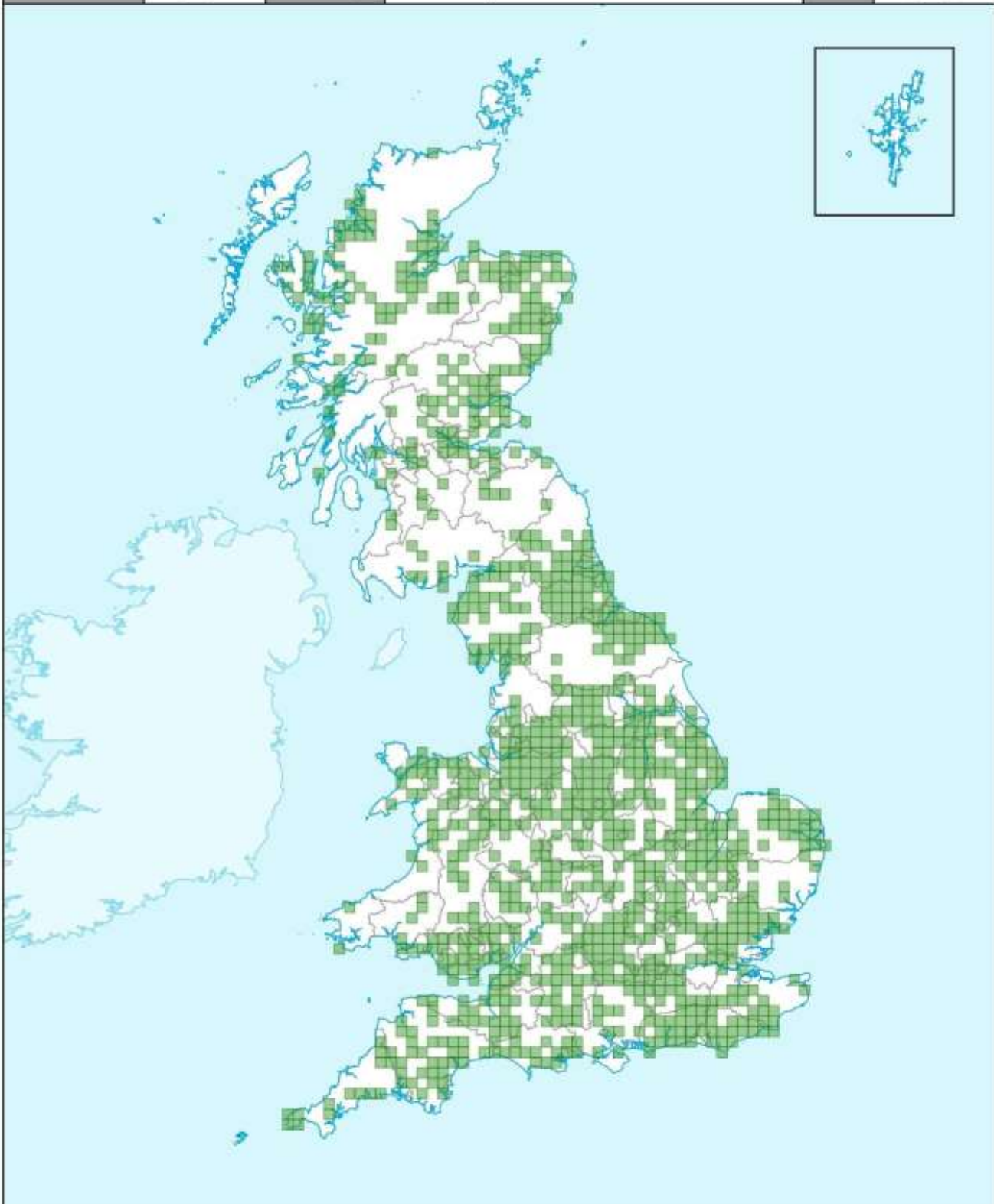


Great Britain: American Mink Presence

Jan 2013 - Dec 2022

1,062 occupied 10km grid squares

Creation Date:	18/03/2024	Created By:	Alex Glossop	Scale:	1:5,000,000
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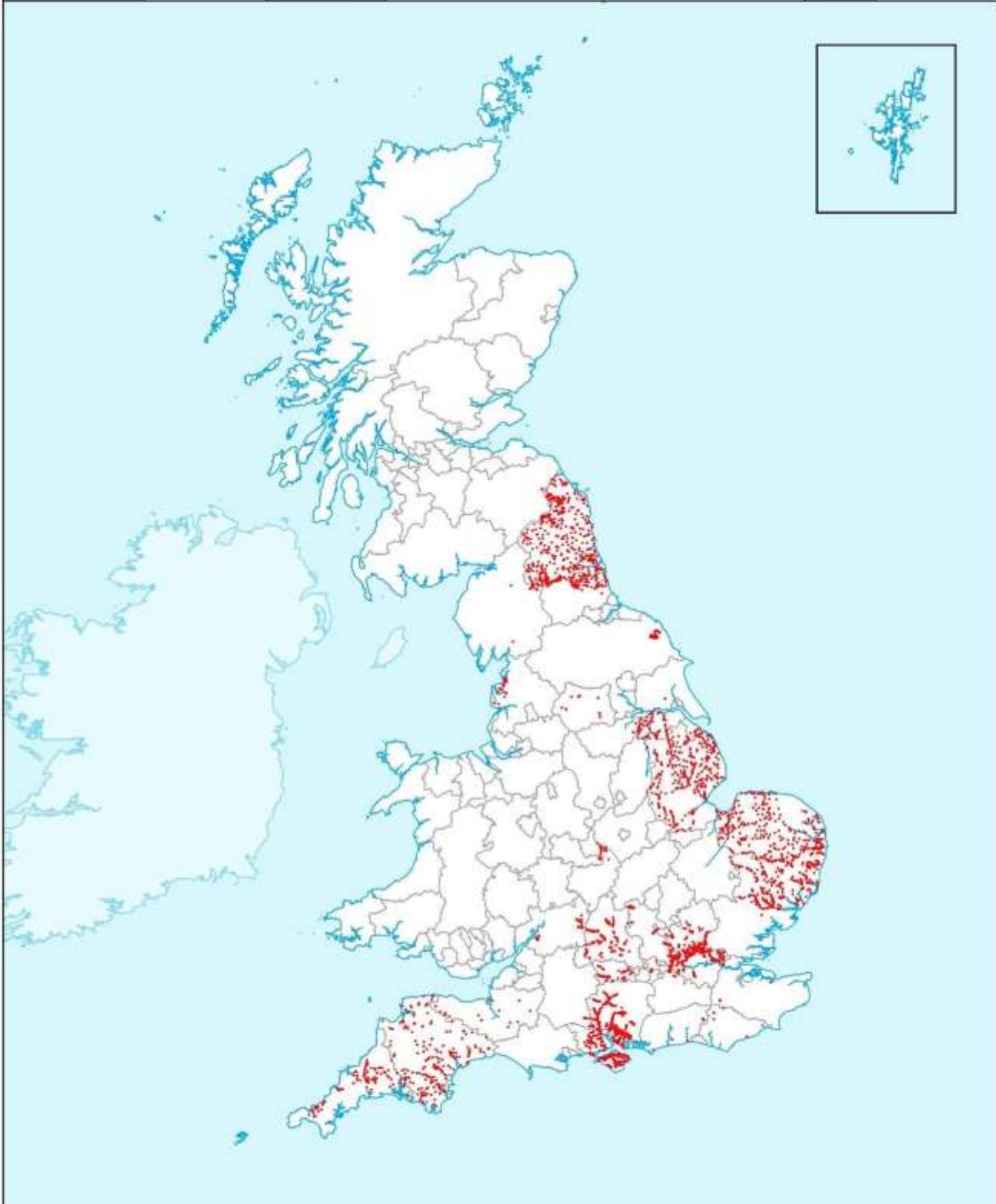




Great Britain: American Mink Absence

Jan 1952 - Dec 2022
6,971 absence records

Creation Date:	18/03/2024	Created By:	Alex Glossop	Scale:	1:5,000,000
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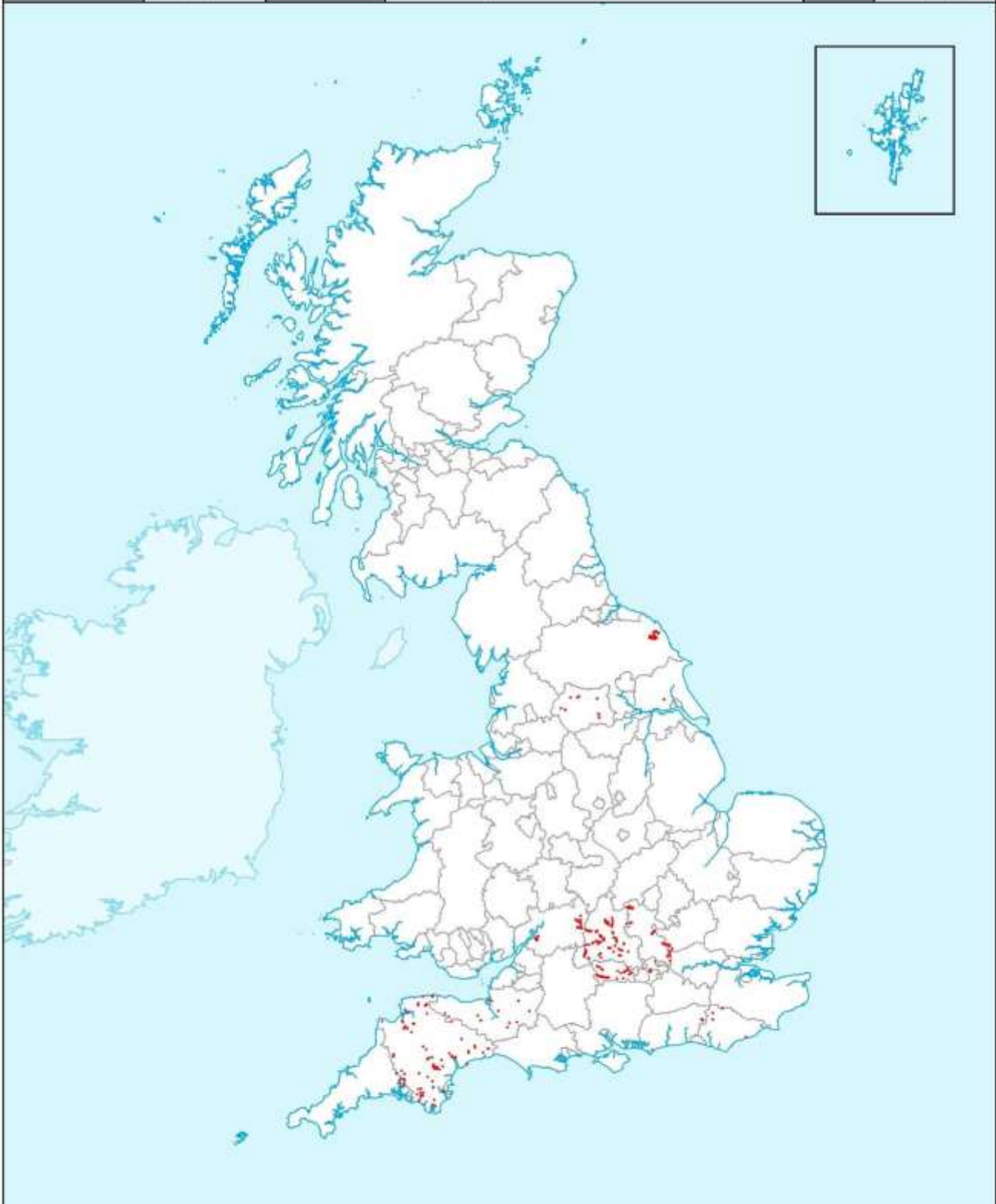




Great Britain: American Mink Absence

Jan 2013 - Dec 2022
1,510 absence records

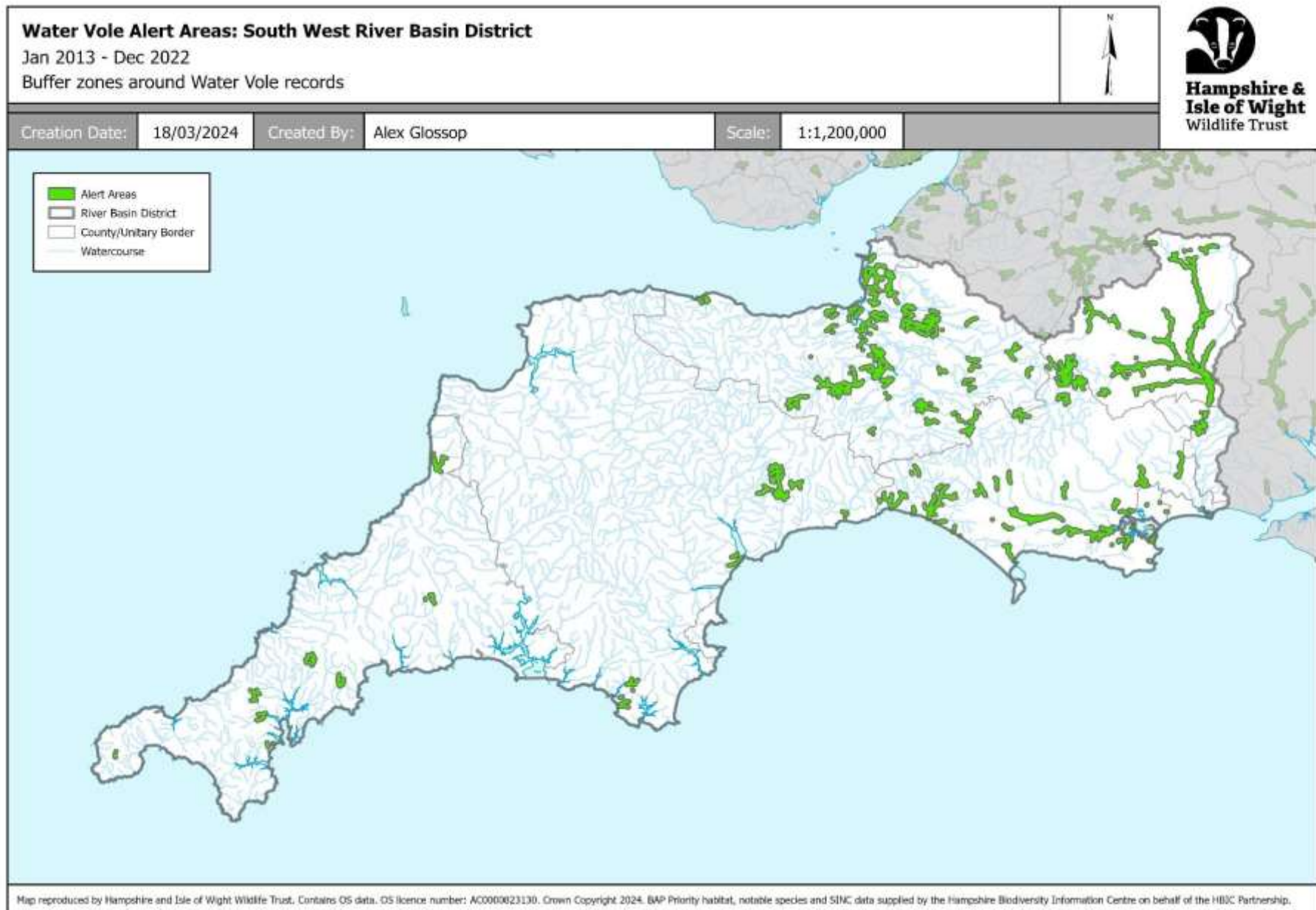
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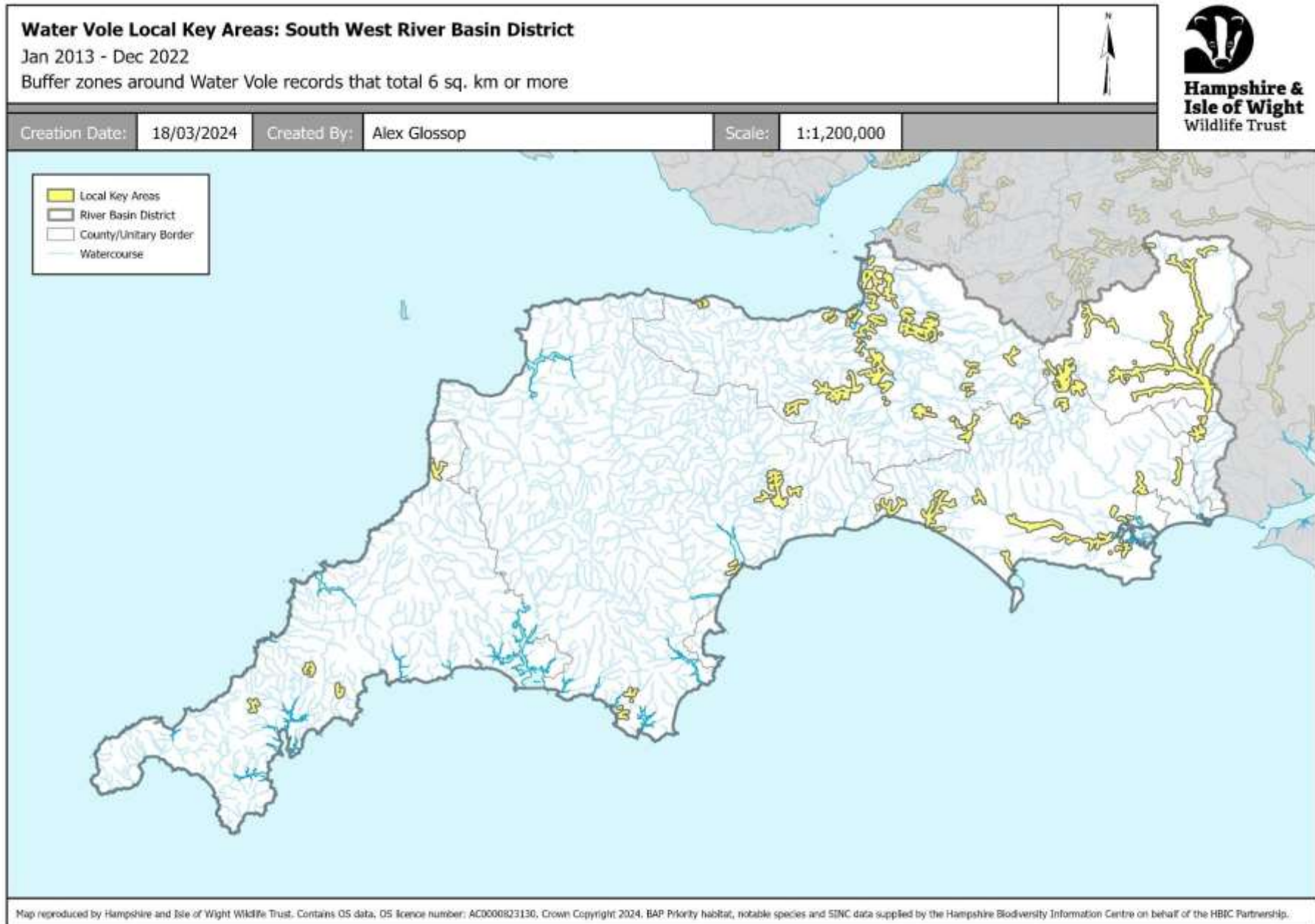


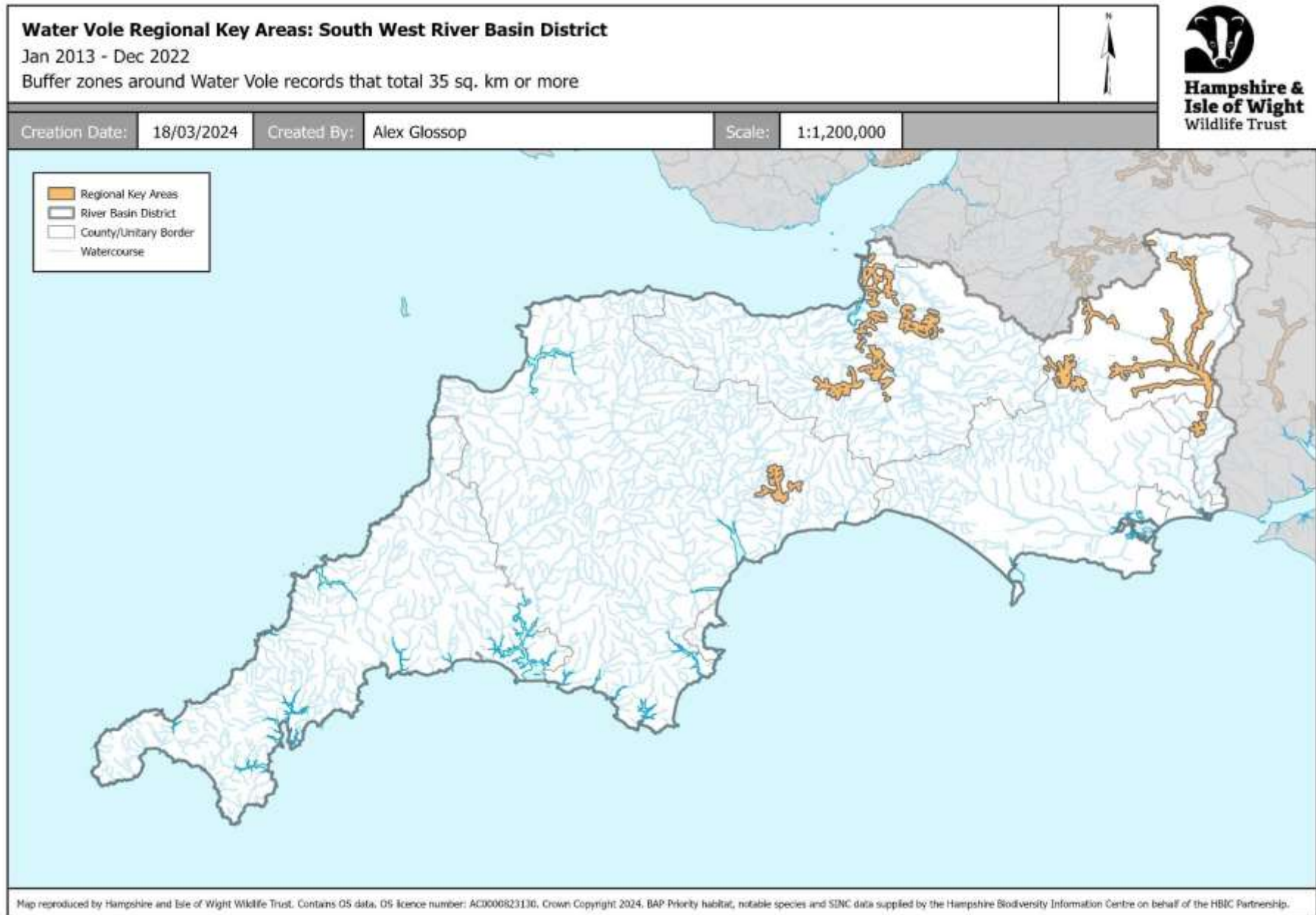
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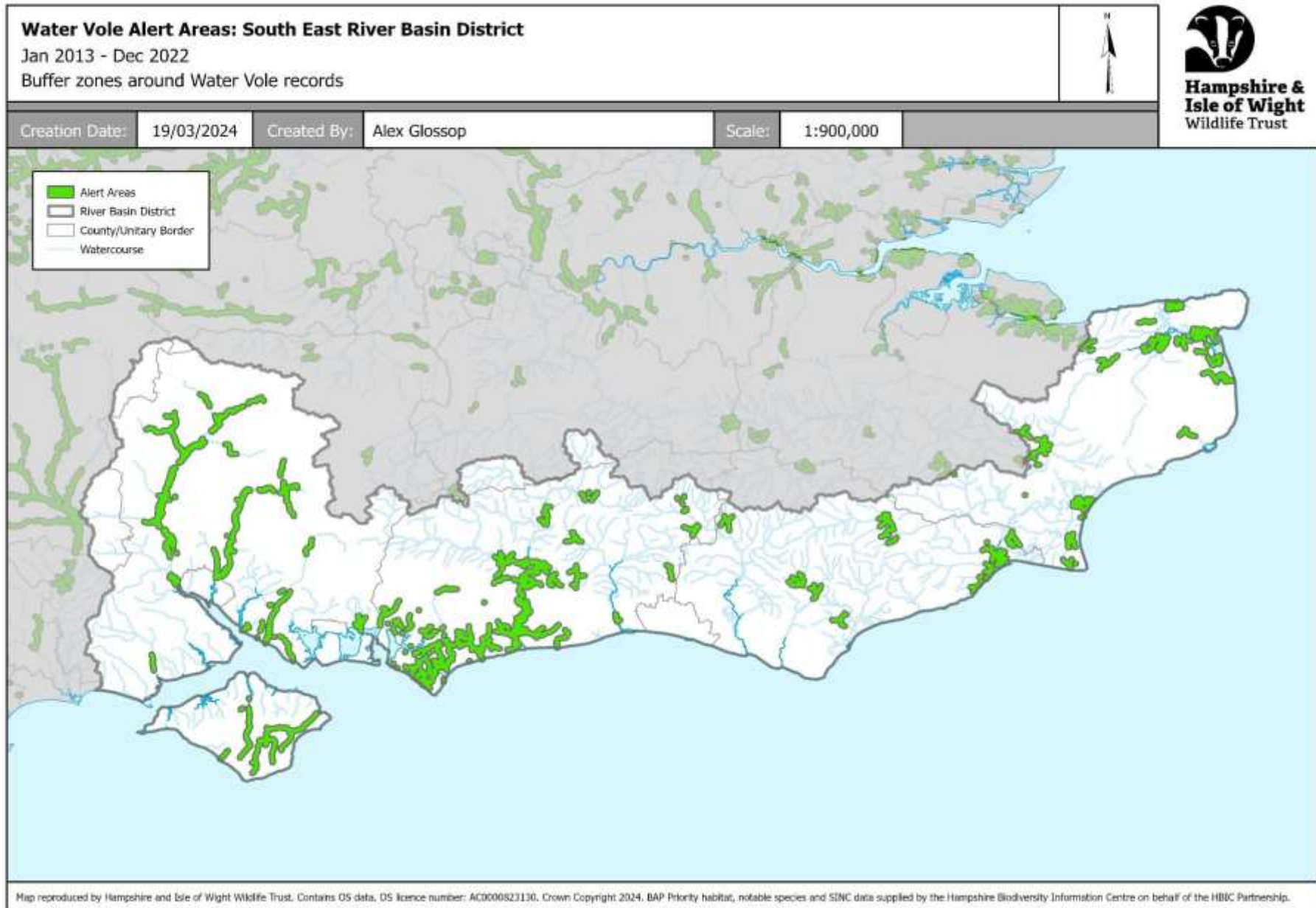


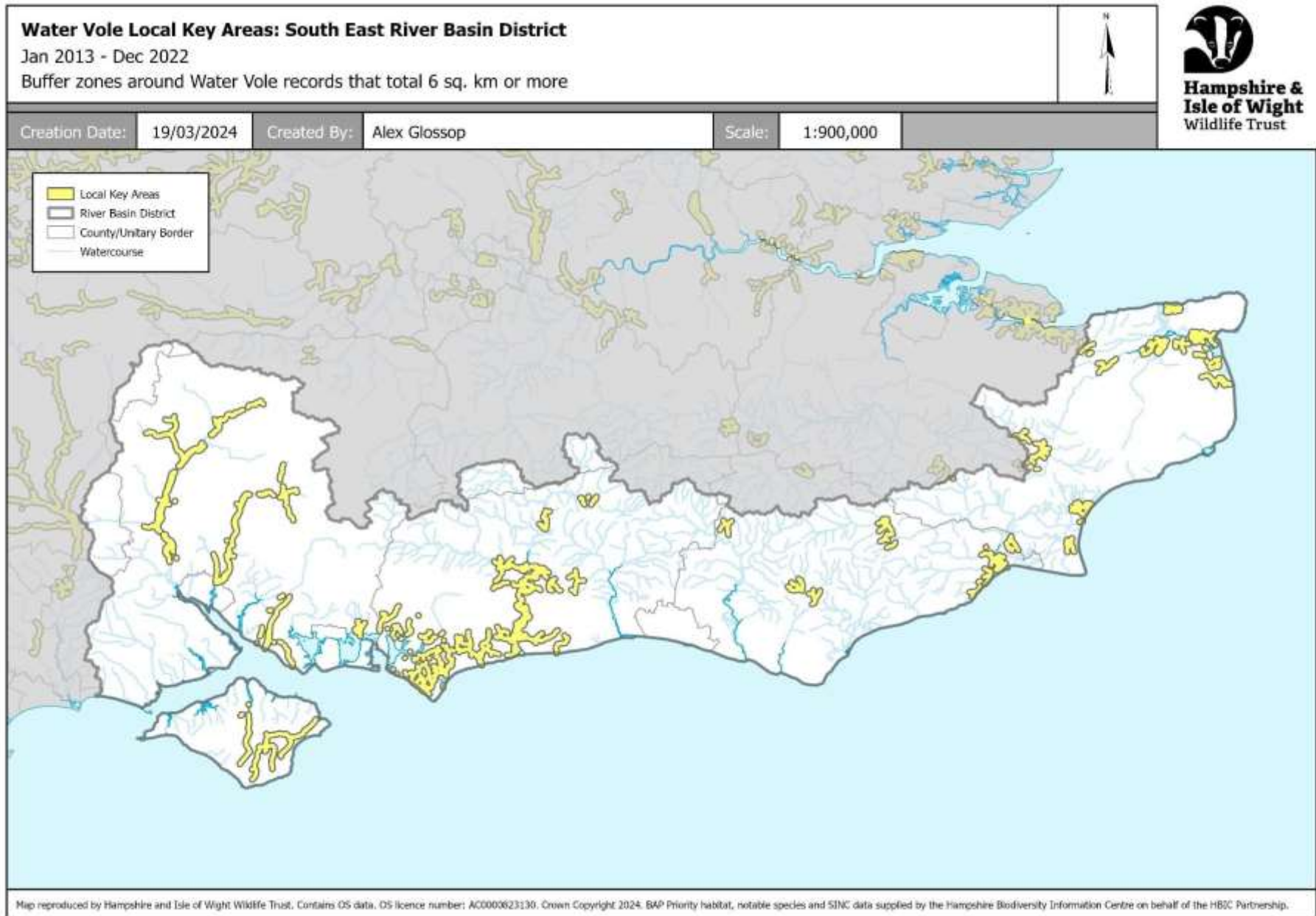
WATER VOLE ALERT & KEY AREA MAPS

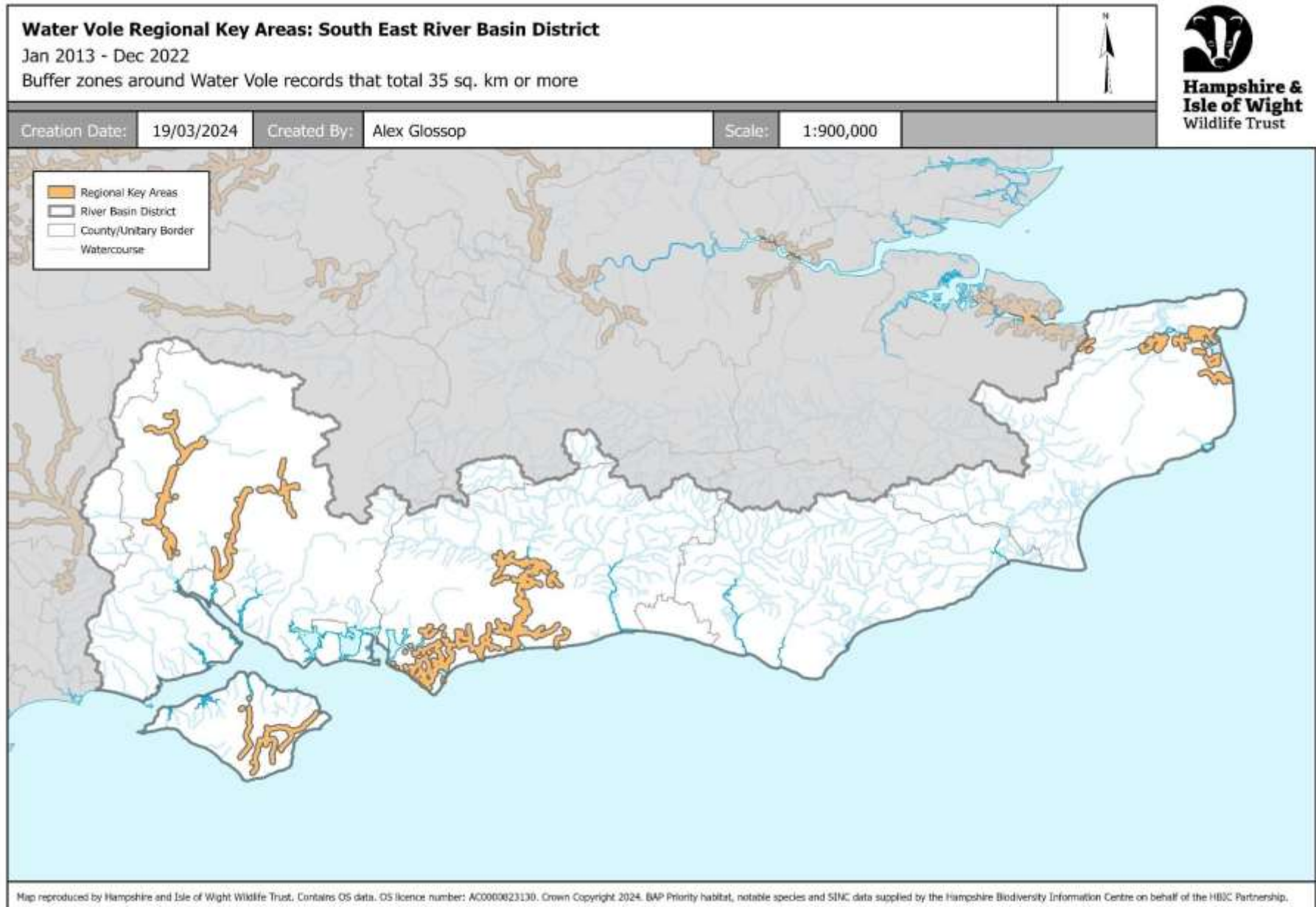














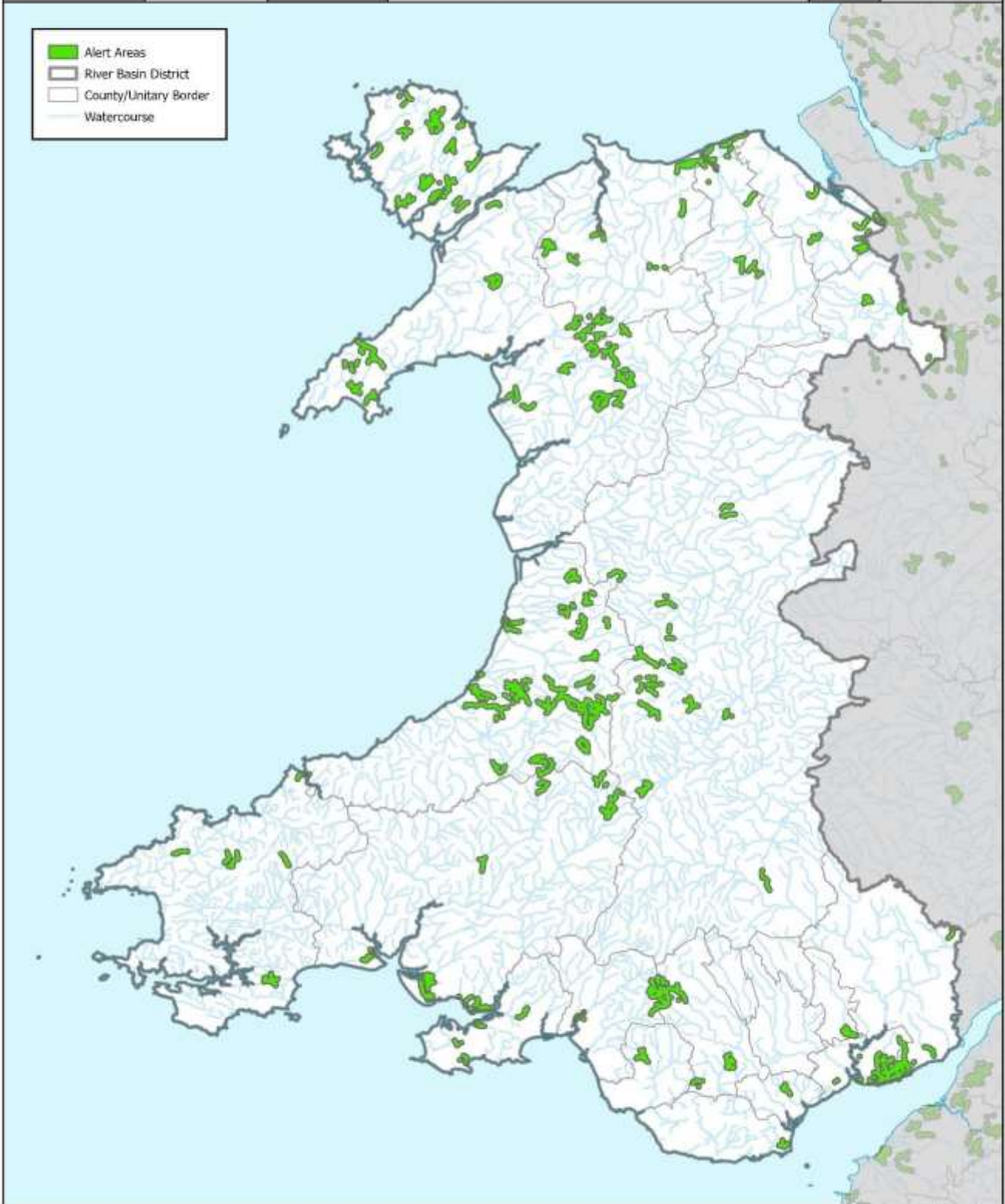
Water Vole Alert Areas: Wales River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:1,100,000

- Alert Areas
- River Basin District
- County/Unitary Border
- Watercourse



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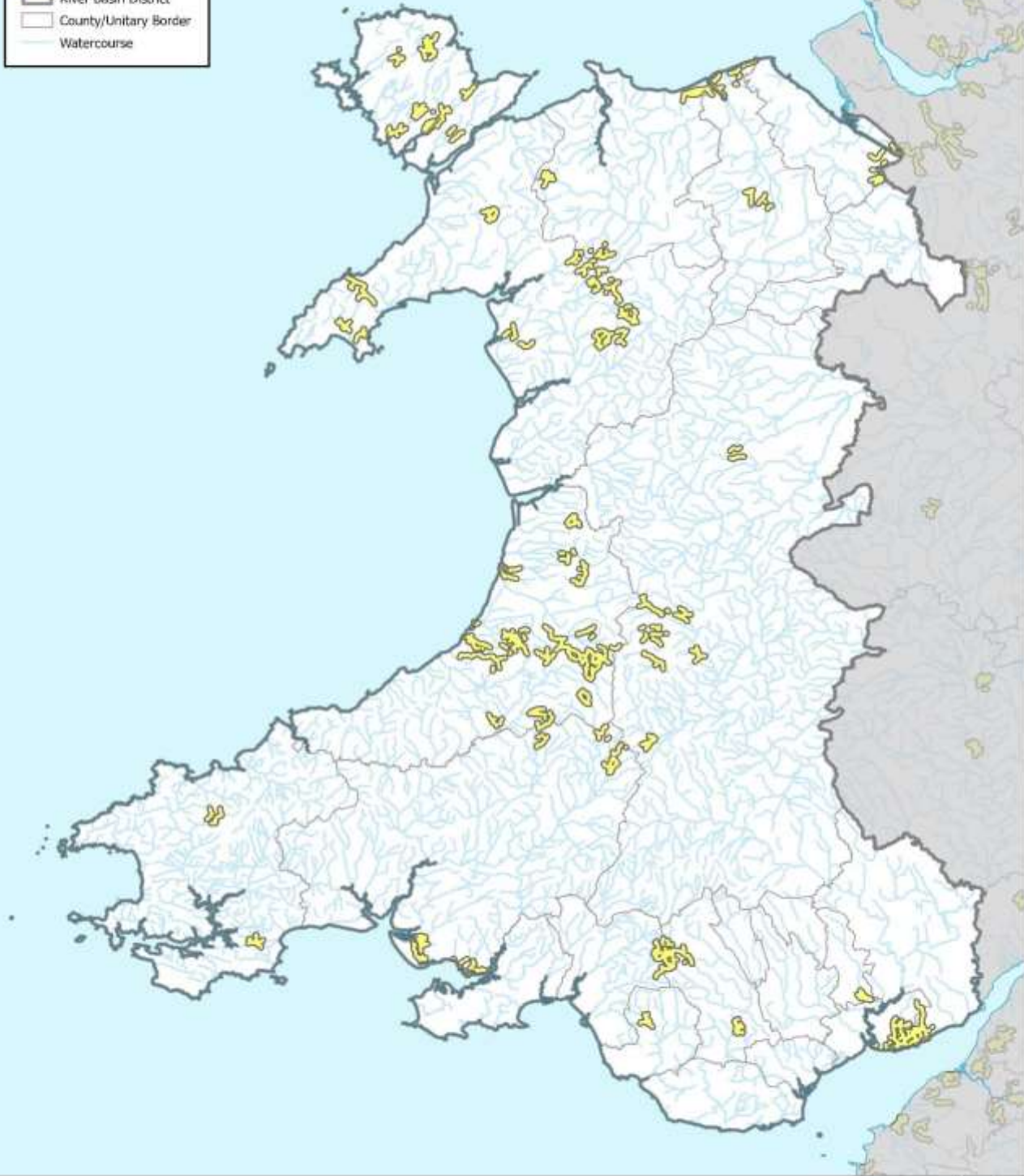
Water Vole Local Key Areas: Wales River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 6 sq. km or more

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:1,100,000

- Local Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Regional Key Areas: Wales River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 35 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:1,100,000

- Regional Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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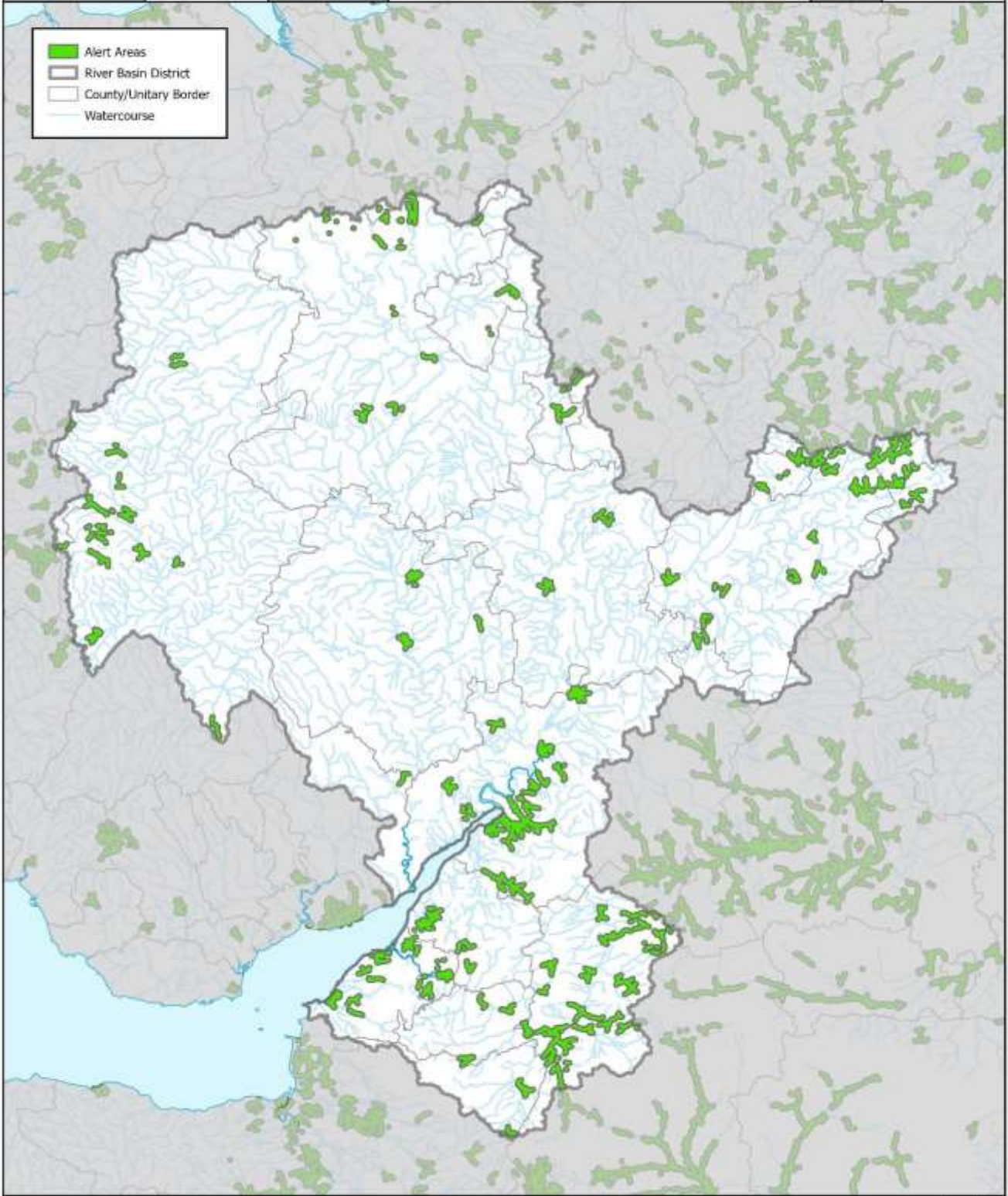
Water Vole Alert Areas: Severn River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:1,100,000

- Alert Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Local Key Areas: Severn River Basin District

Jan 2013 - Dec 2022

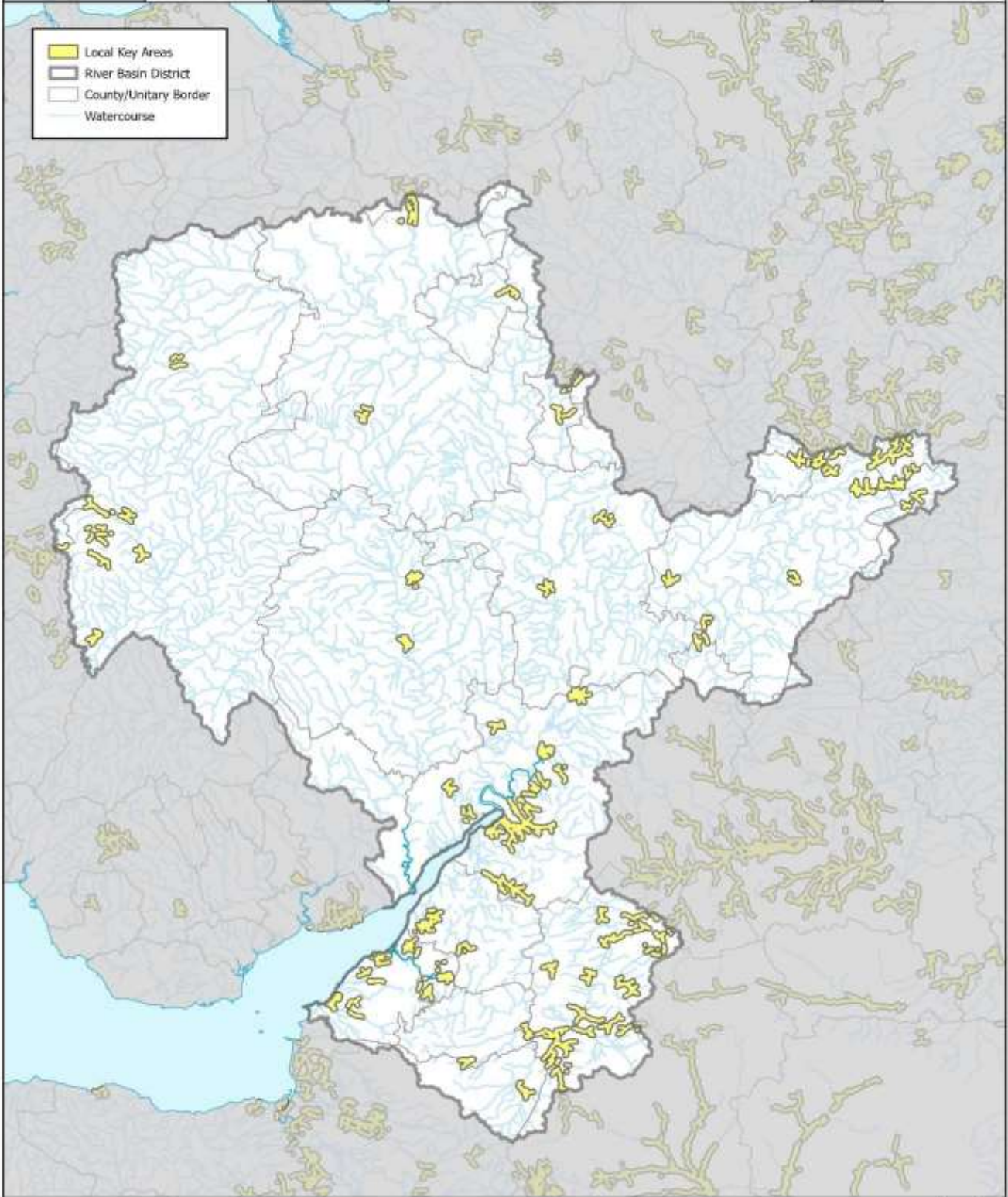
Buffer zones around Water Vole records that total 6 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:1,100,000

- Local Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Regional Key Areas: Severn River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 35 sq. km or more

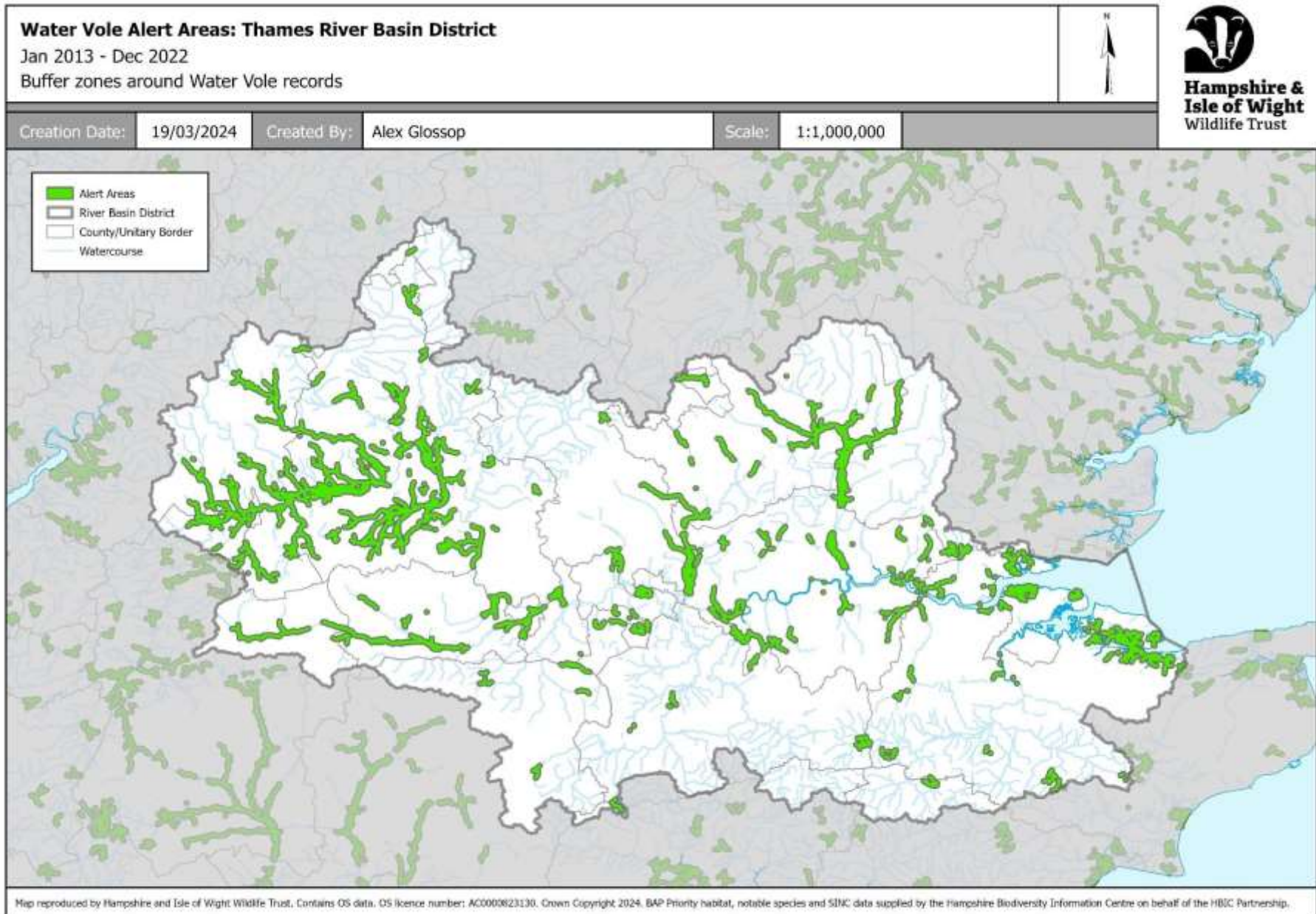
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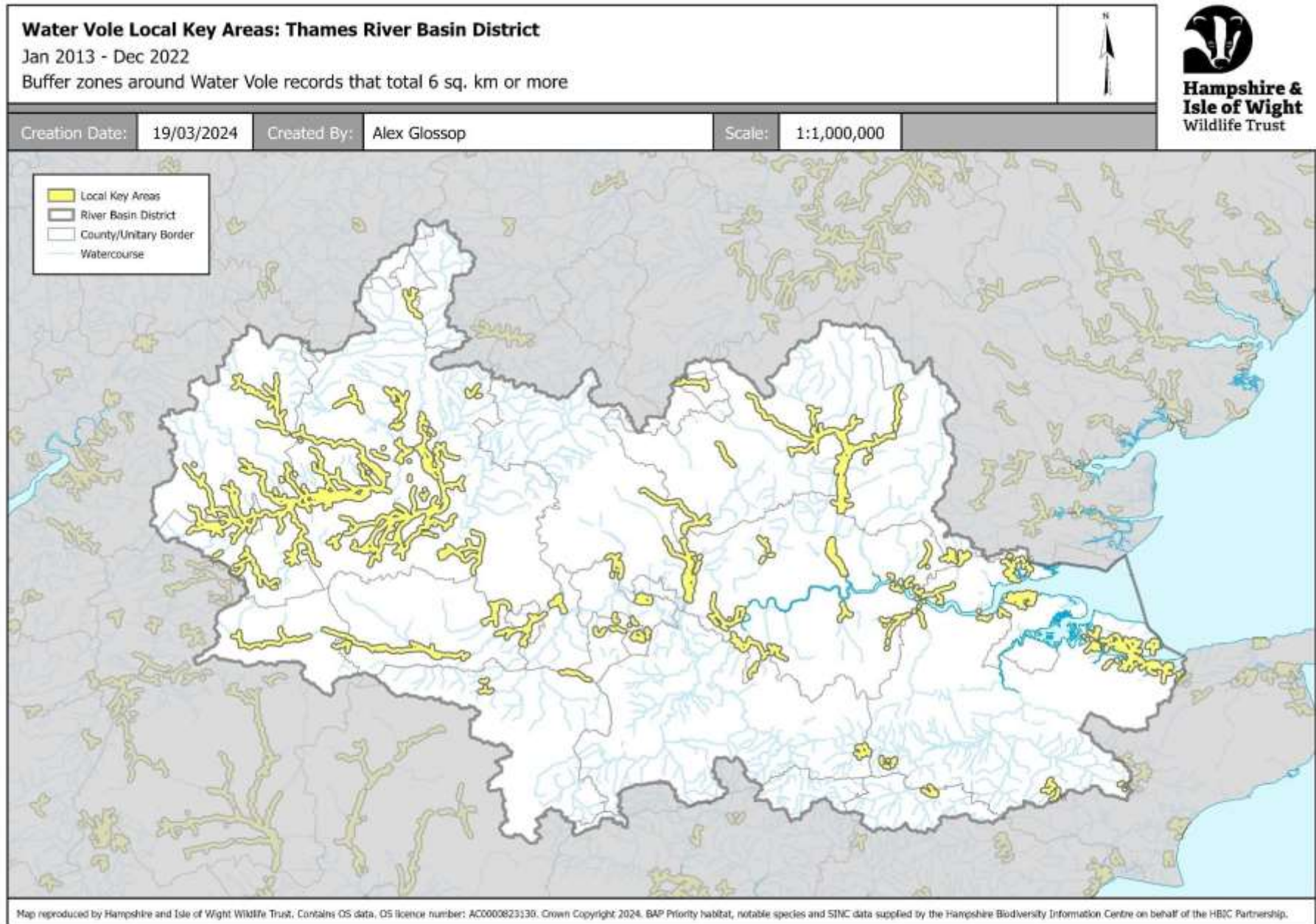
- Regional Key Areas
- River Basin District
- County/Unitary Border
- Watercourse

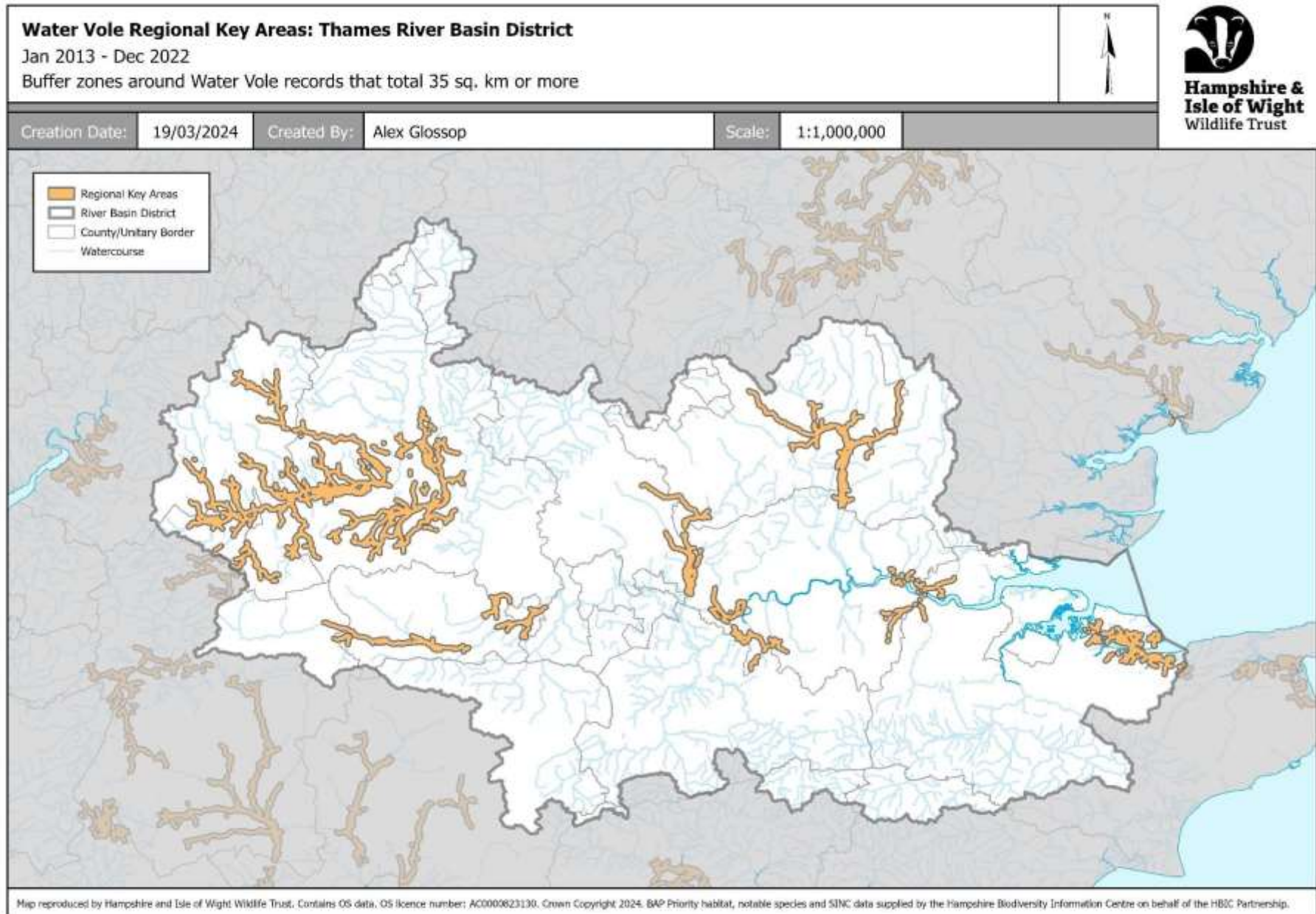


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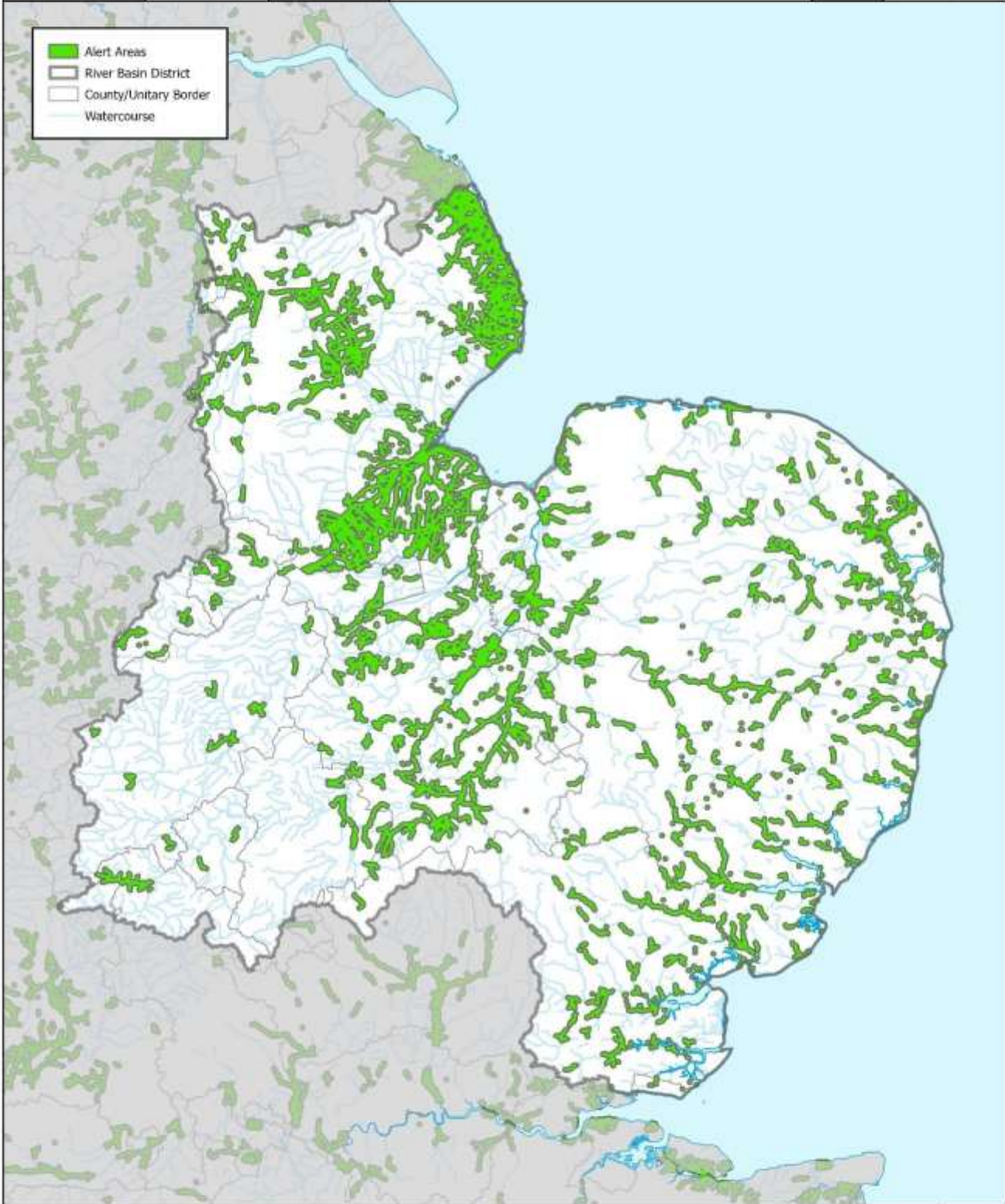
Water Vole Alert Areas: Anglian River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:1,200,000

- Alert Areas
- River Basin District
- County/Unitary Border
- Watercourse



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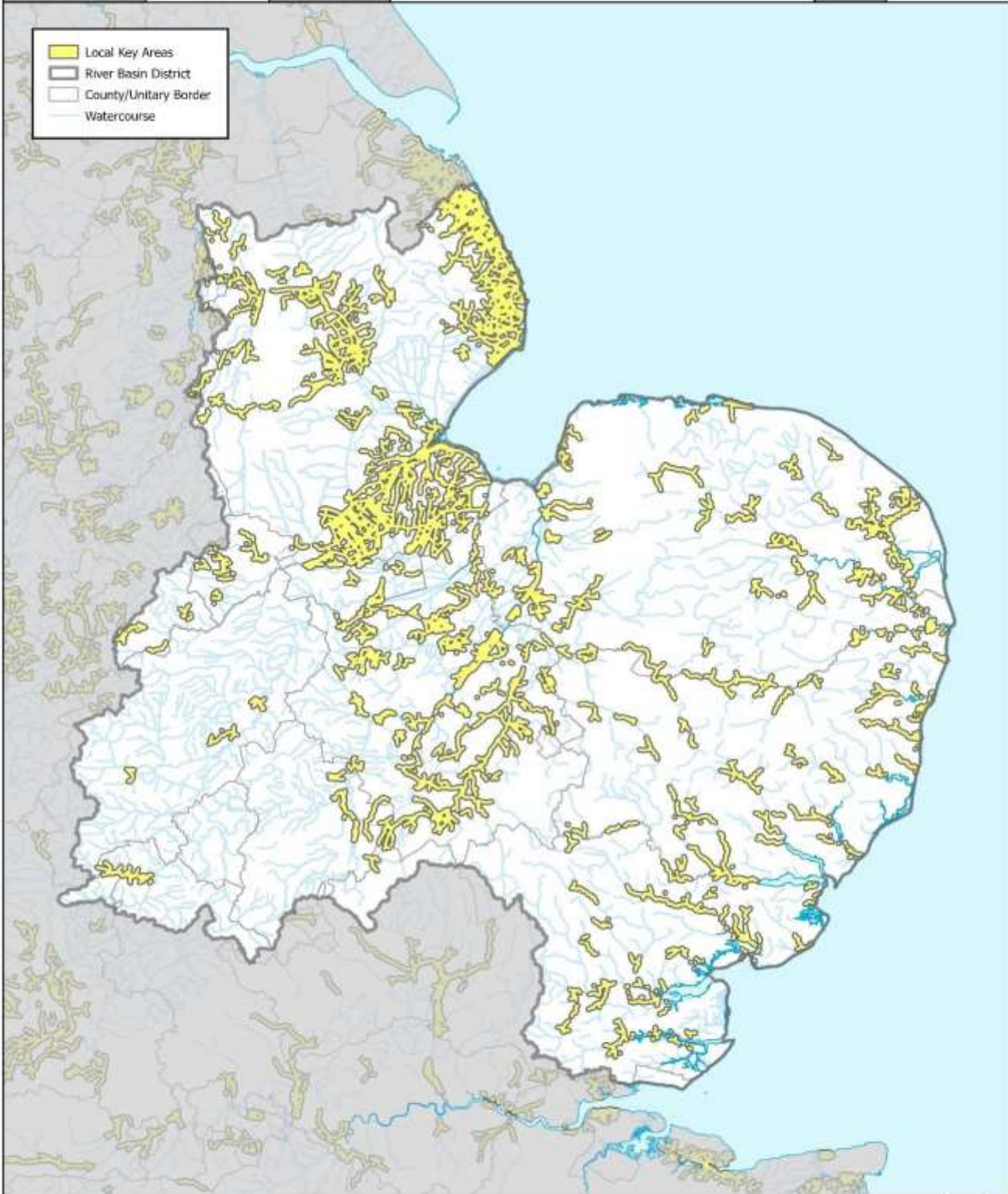
Water Vole Local Key Areas: Anglian River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 6 sq. km or more

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:1,200,000

- Local Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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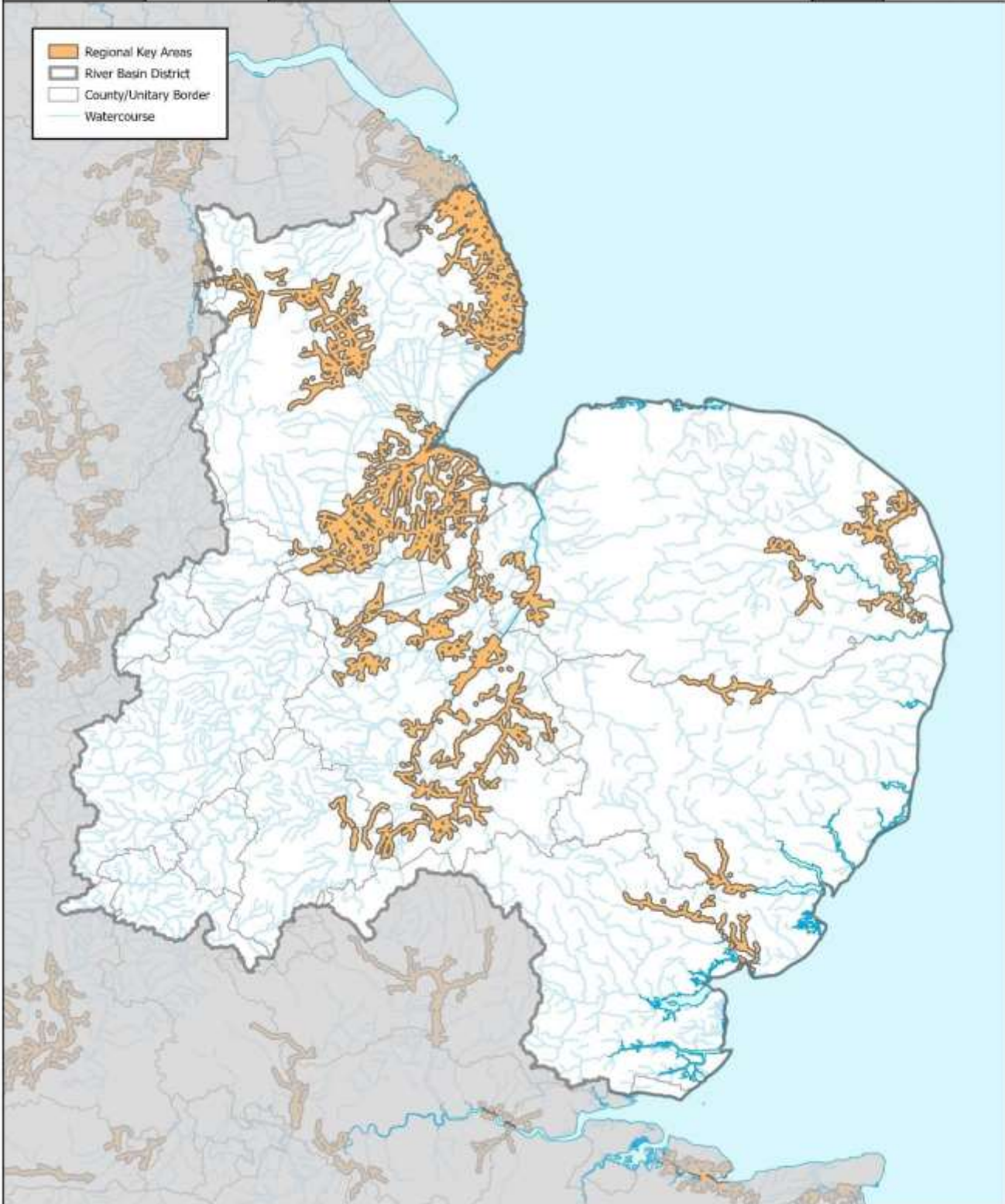
Water Vole Regional Key Areas: Anglian River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 35 sq. km or more

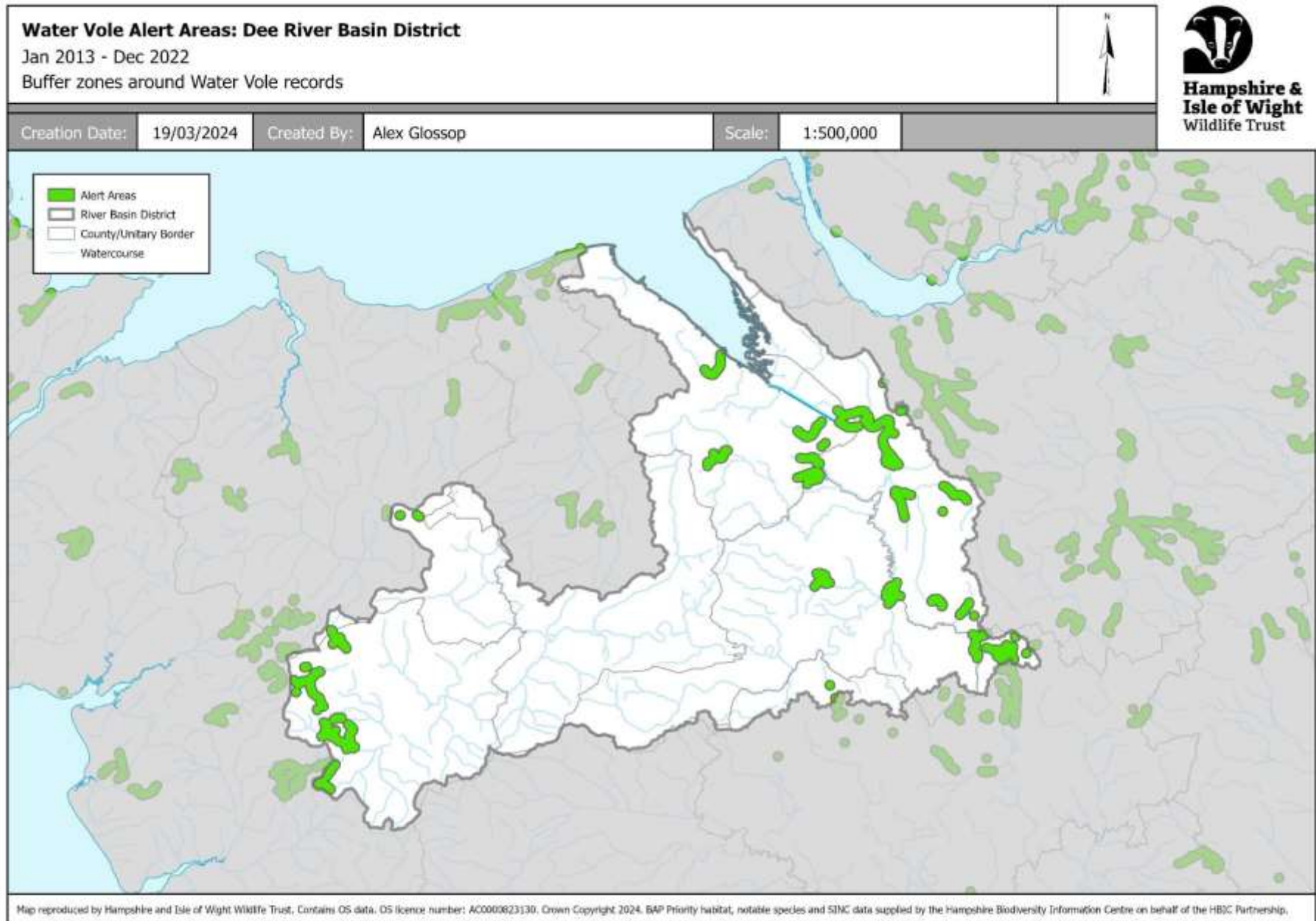
Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:1,200,000

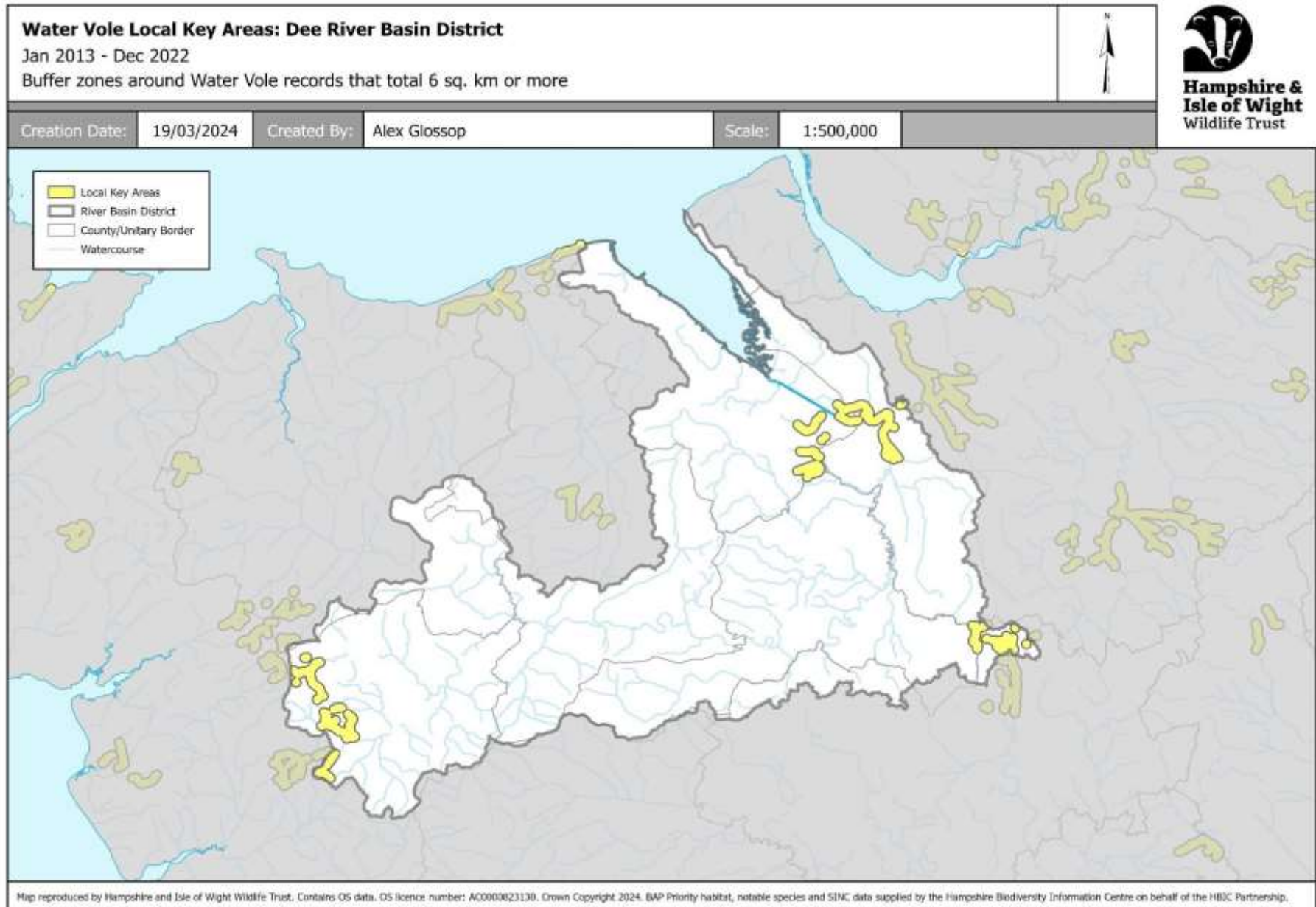
- Regional Key Areas
- River Basin District
- County/Unitary Border
- Watercourse

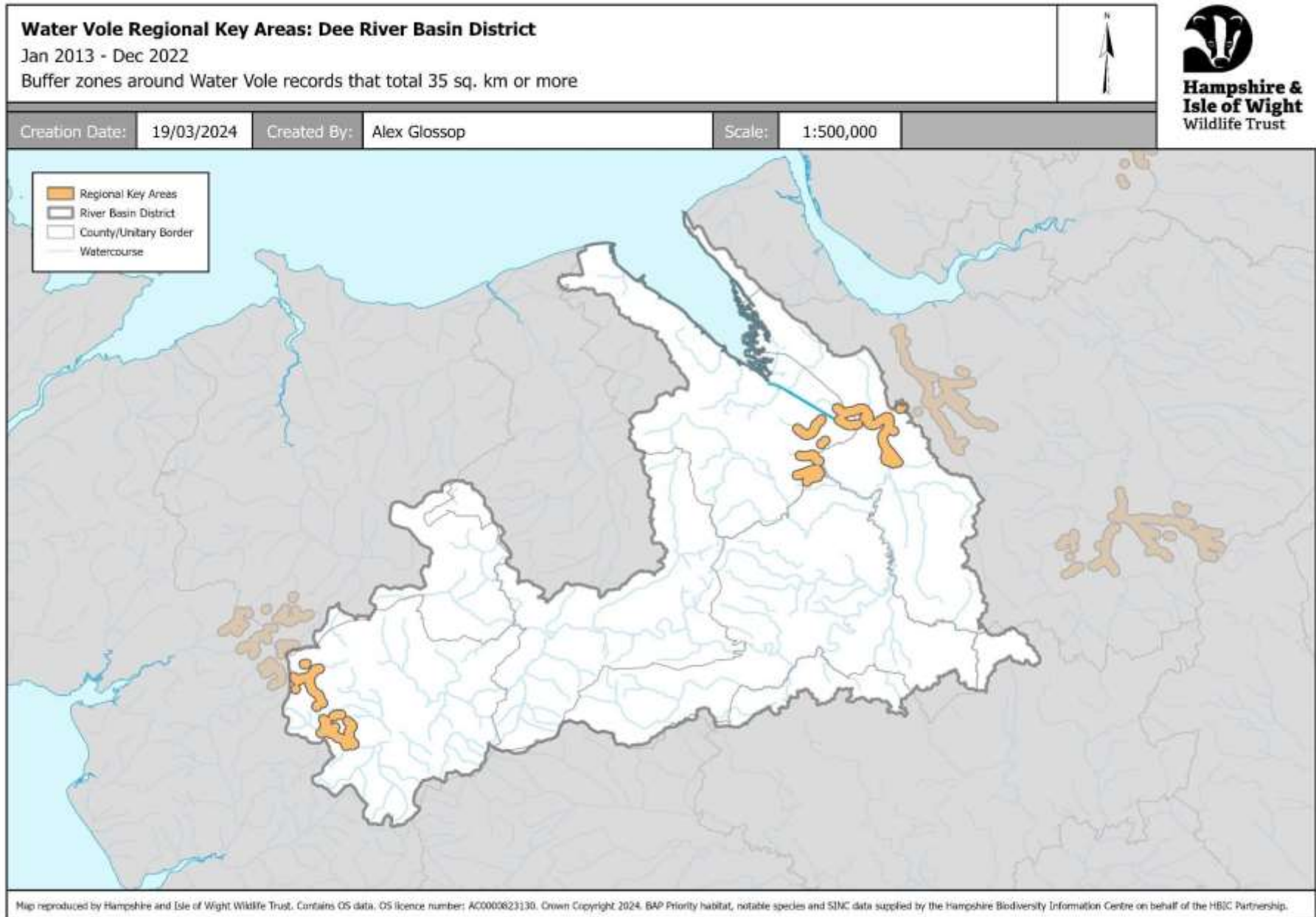


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BAP Priority habitat, notable species and SINCC data supplied by the Hampshire Biodiversity Information Centre on behalf of the HBIC Partnership.











Water Vole Alert Areas: North West River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records

Creation Date:

19/03/2024

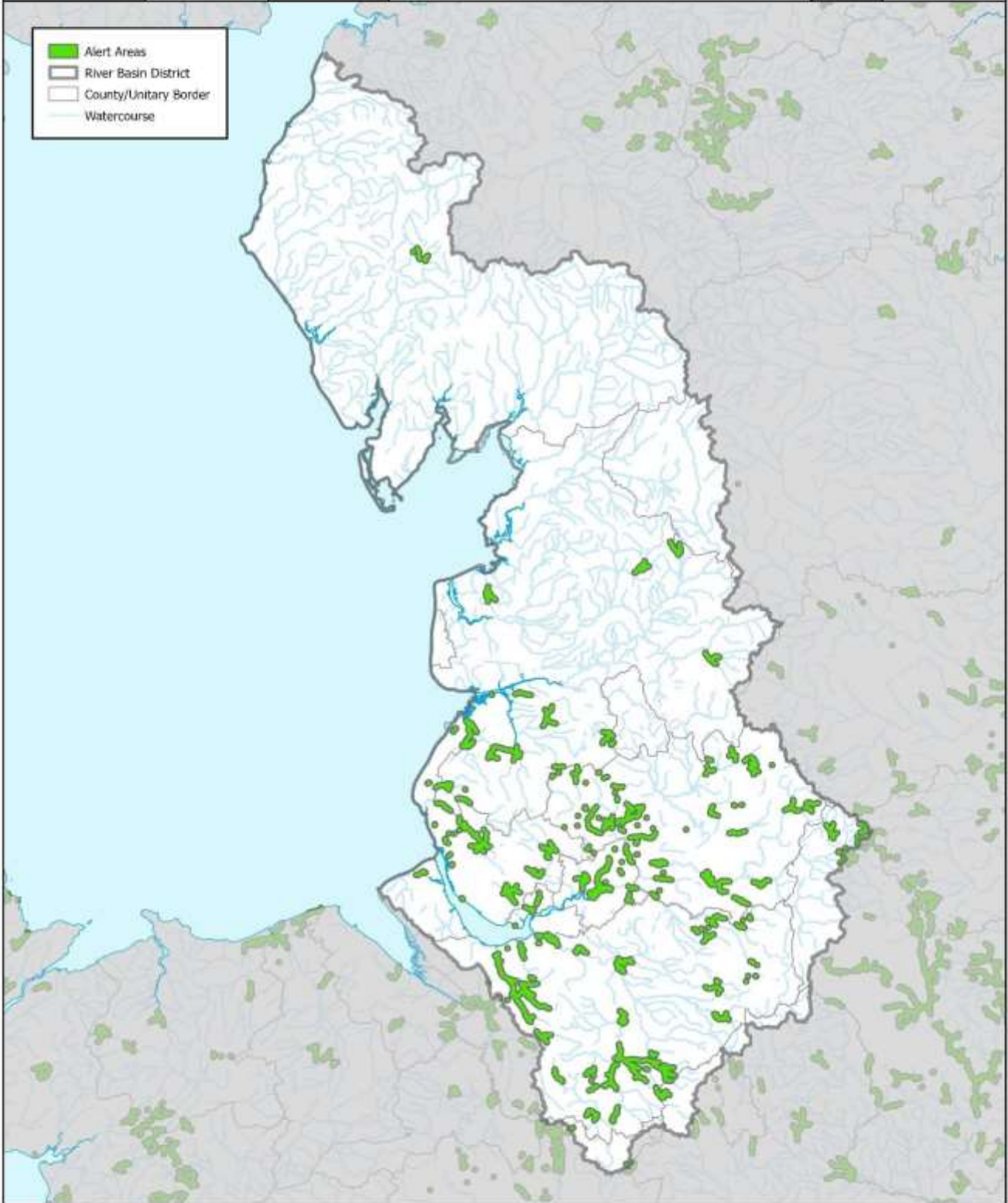
Created By:

Alex Glossop

Scale:

1:1,000,000

- Alert Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Local Key Areas: North West River Basin District

Jan 2013 - Dec 2022

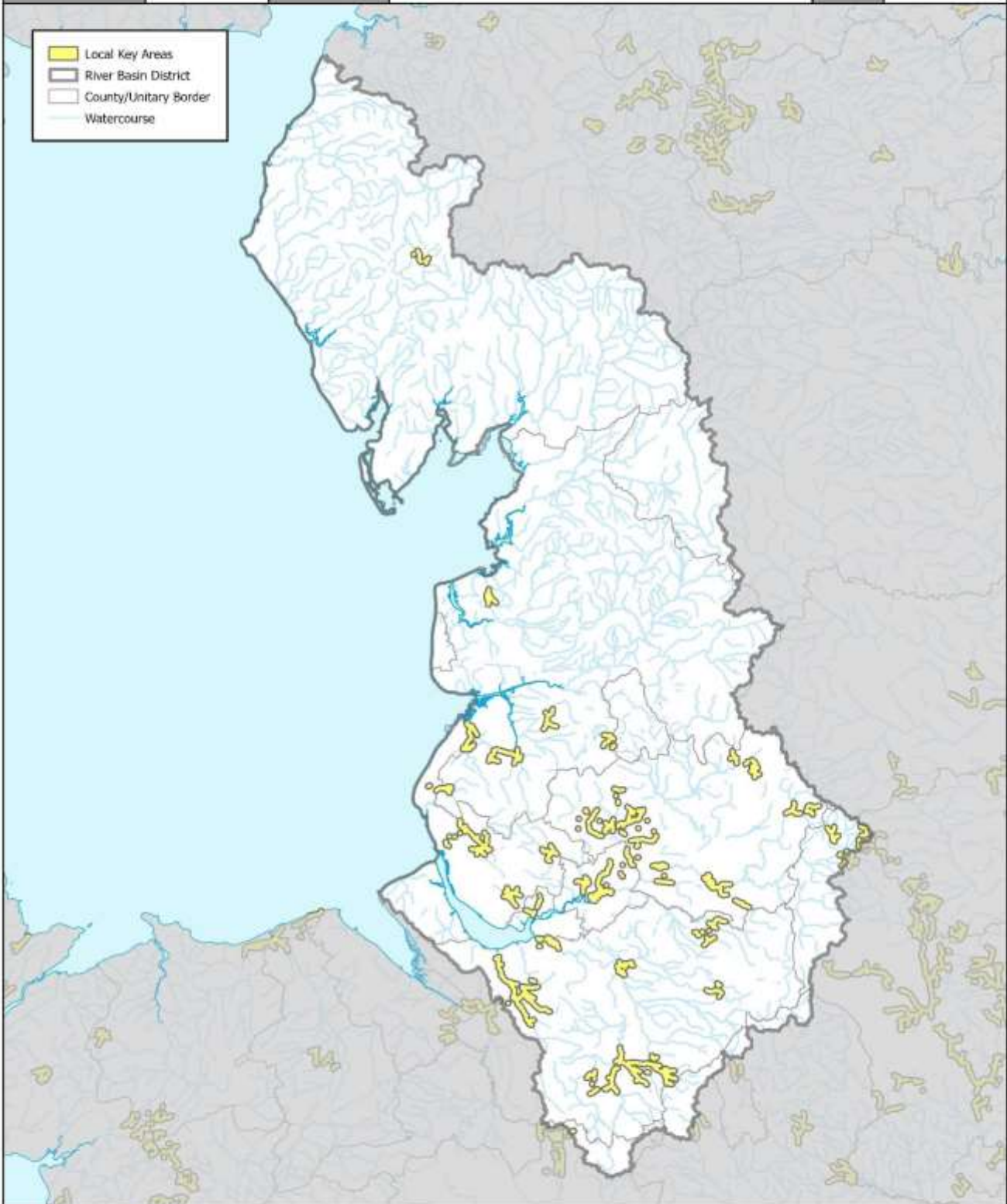
Buffer zones around Water Vole records that total 6 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:1,000,000

- Local Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Regional Key Areas: North West River Basin District

Jan 2013 - Dec 2022

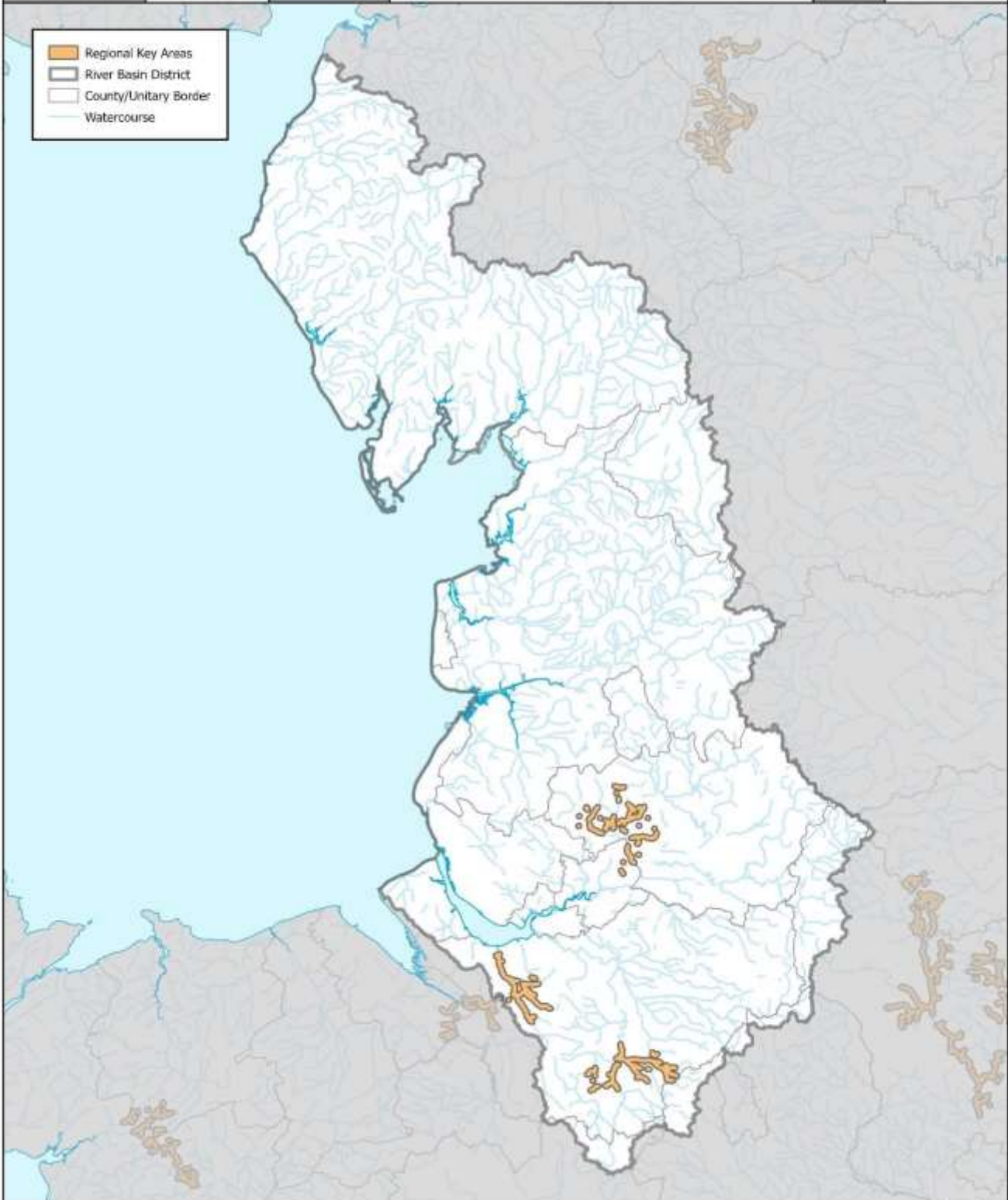
Buffer zones around Water Vole records that total 35 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:1,000,000

- Regional Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Alert Areas: Humber River Basin District

Jan 2013 - Dec 2022

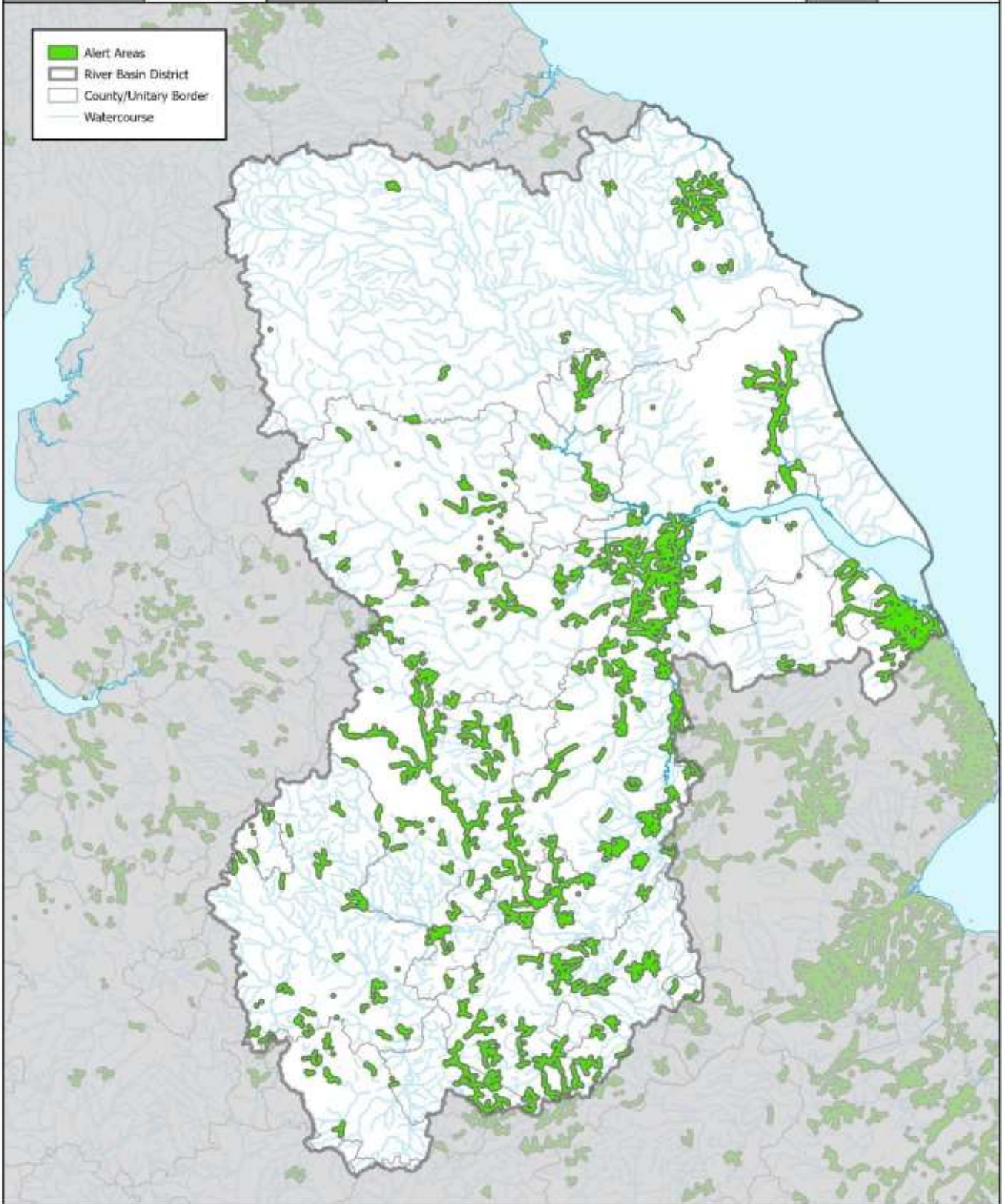
Buffer zones around Water Vole records

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:1,200,000

- Alert Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Local Key Areas: Humber River Basin District

Jan 2013 - Dec 2022

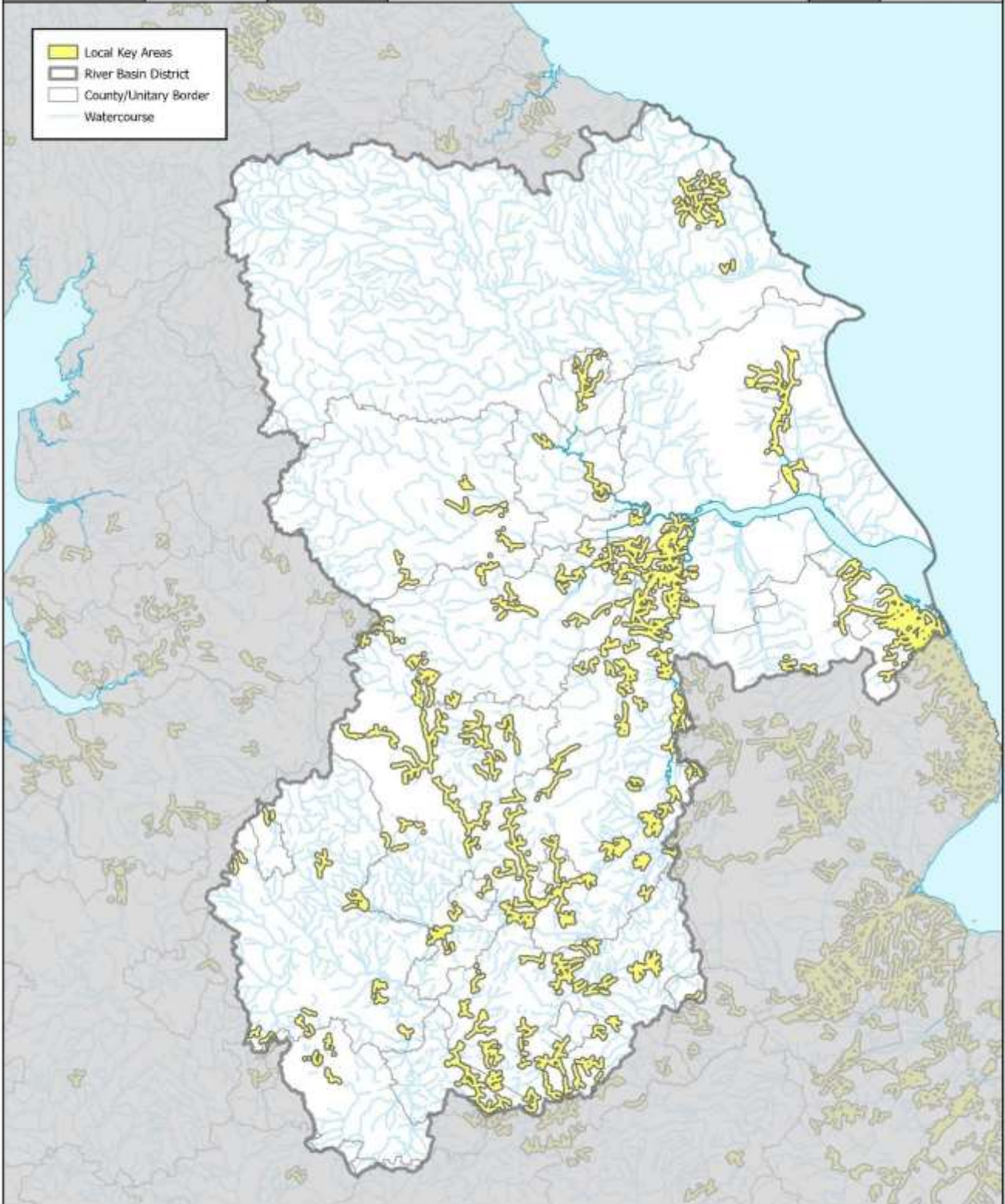
Buffer zones around Water Vole records that total 6 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:1,200,000

- Local Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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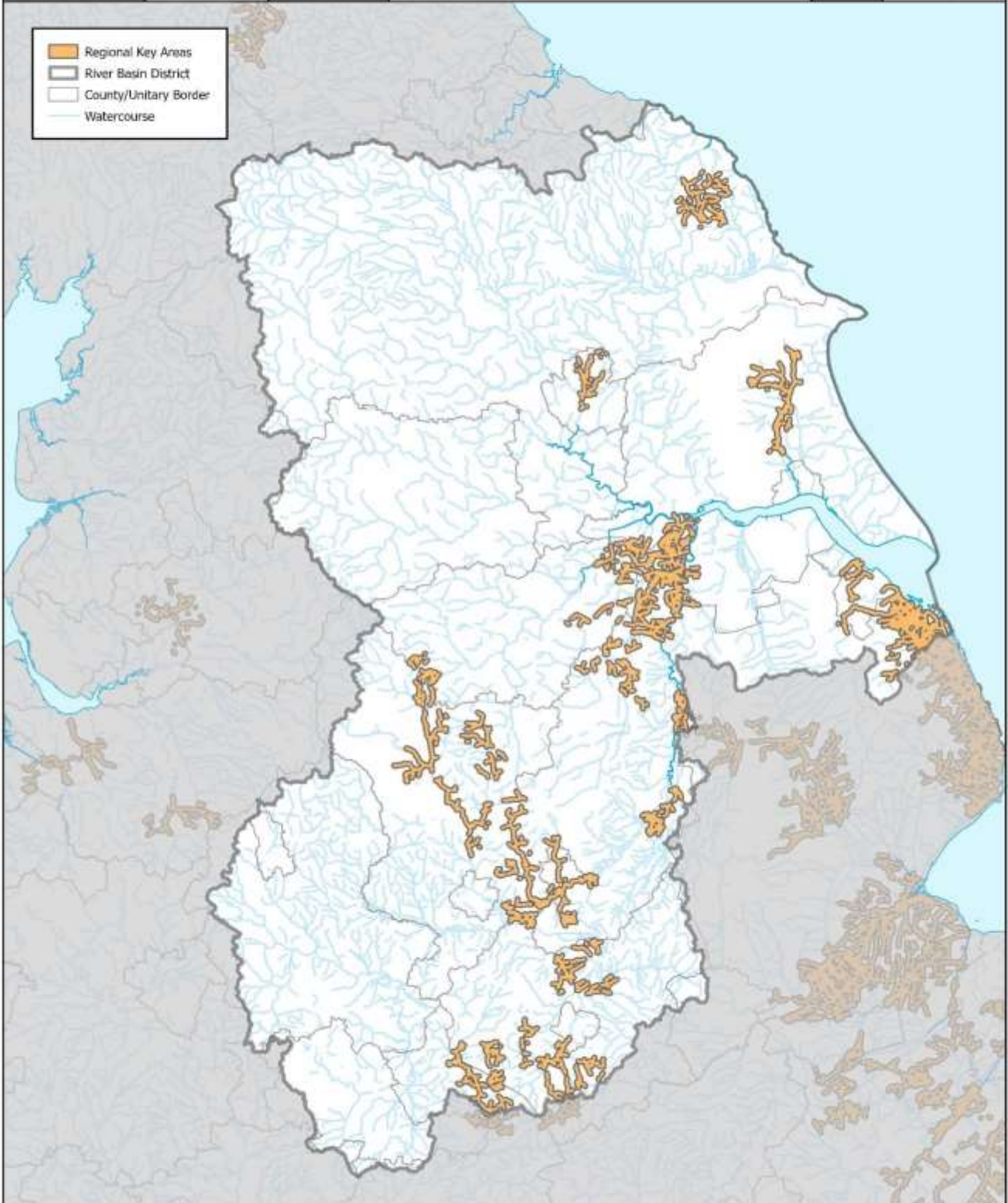
Water Vole Regional Key Areas: Humber River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 35 sq. km or more

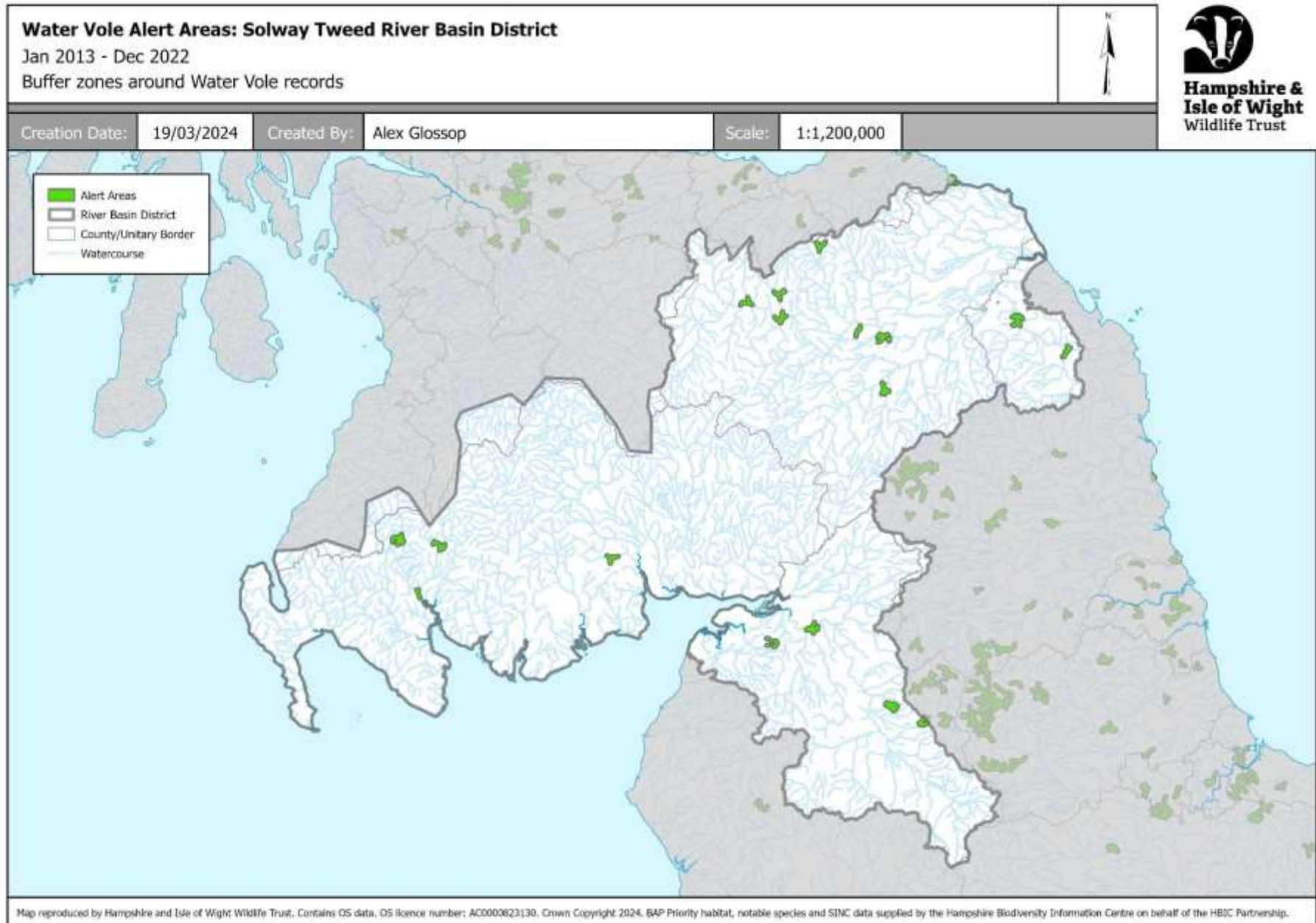
Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:1,200,000

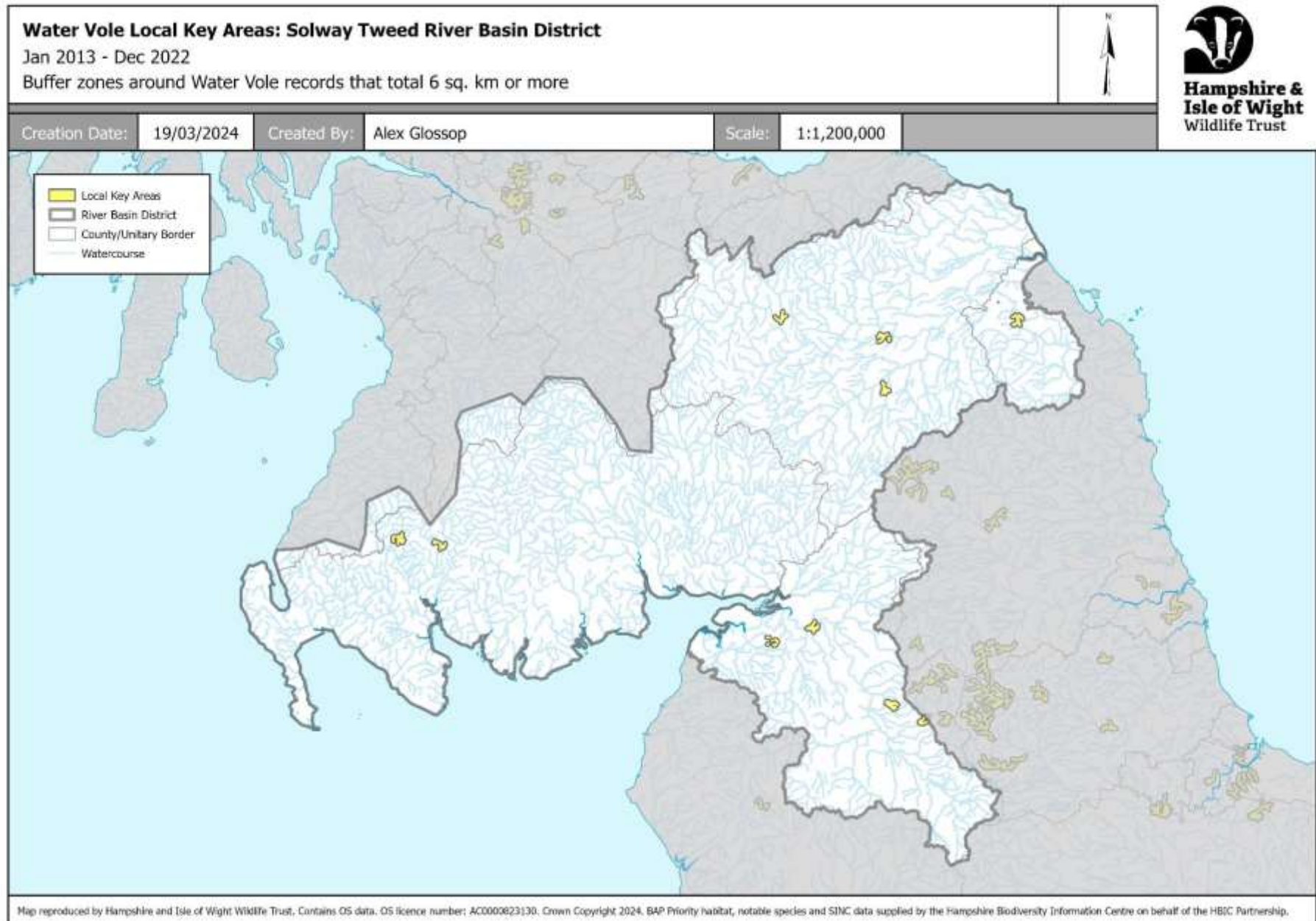
- Regional Key Areas
- River Basin District
- County/Unitary Border
- Watercourse

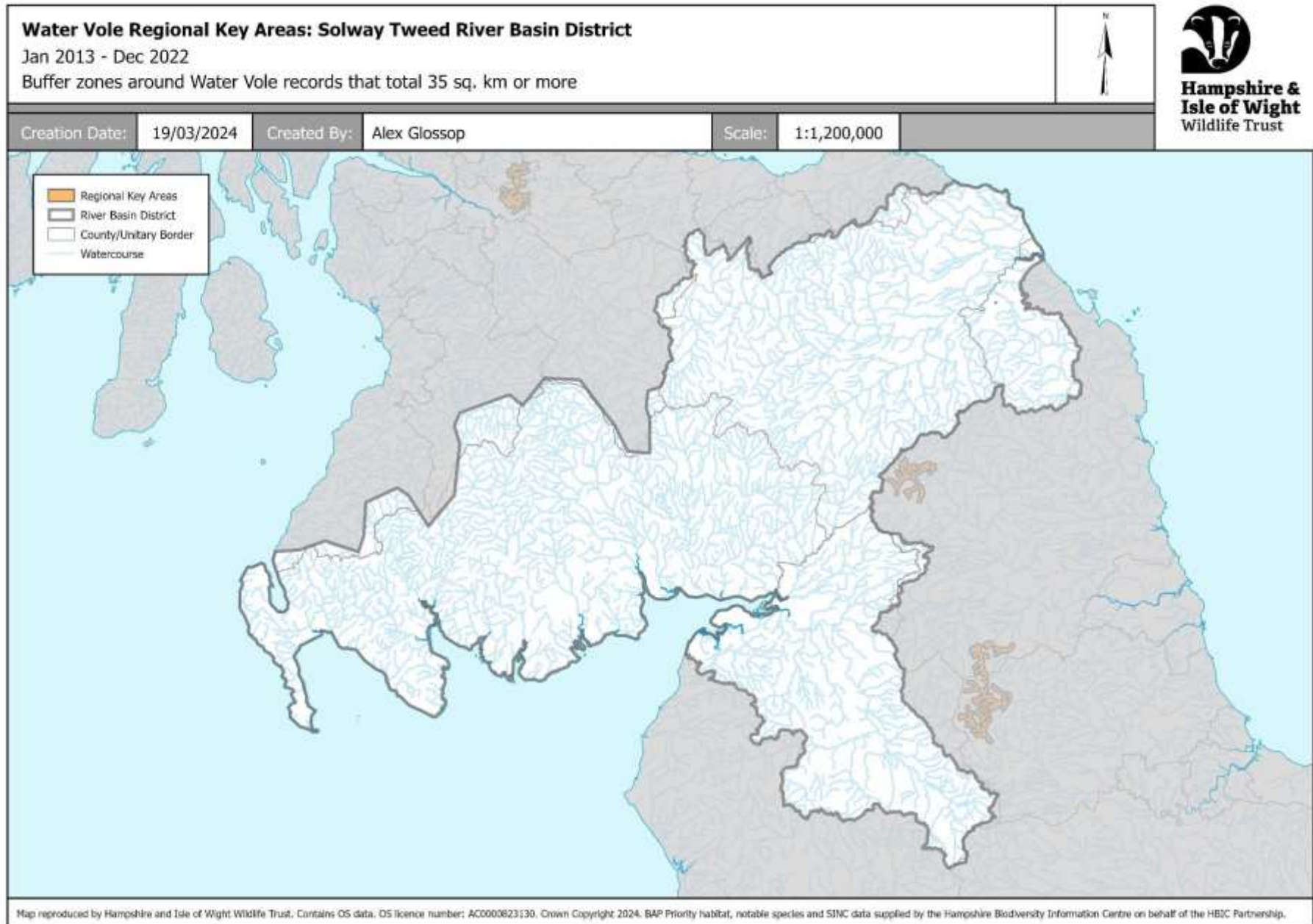


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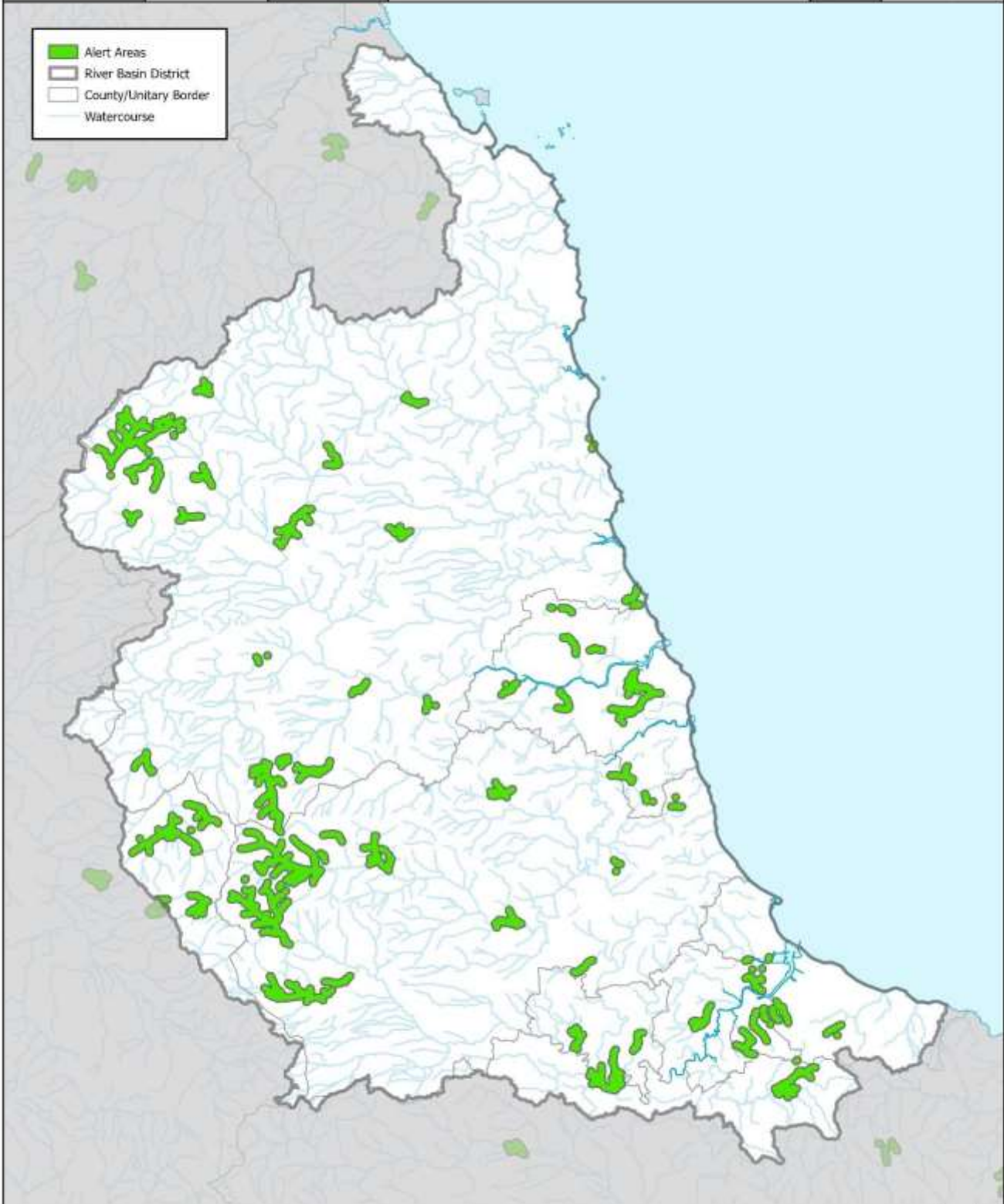
Water Vole Alert Areas: Northumbria River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:700,000

- Alert Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Local Key Areas: Northumbria River Basin District

Jan 2013 - Dec 2022

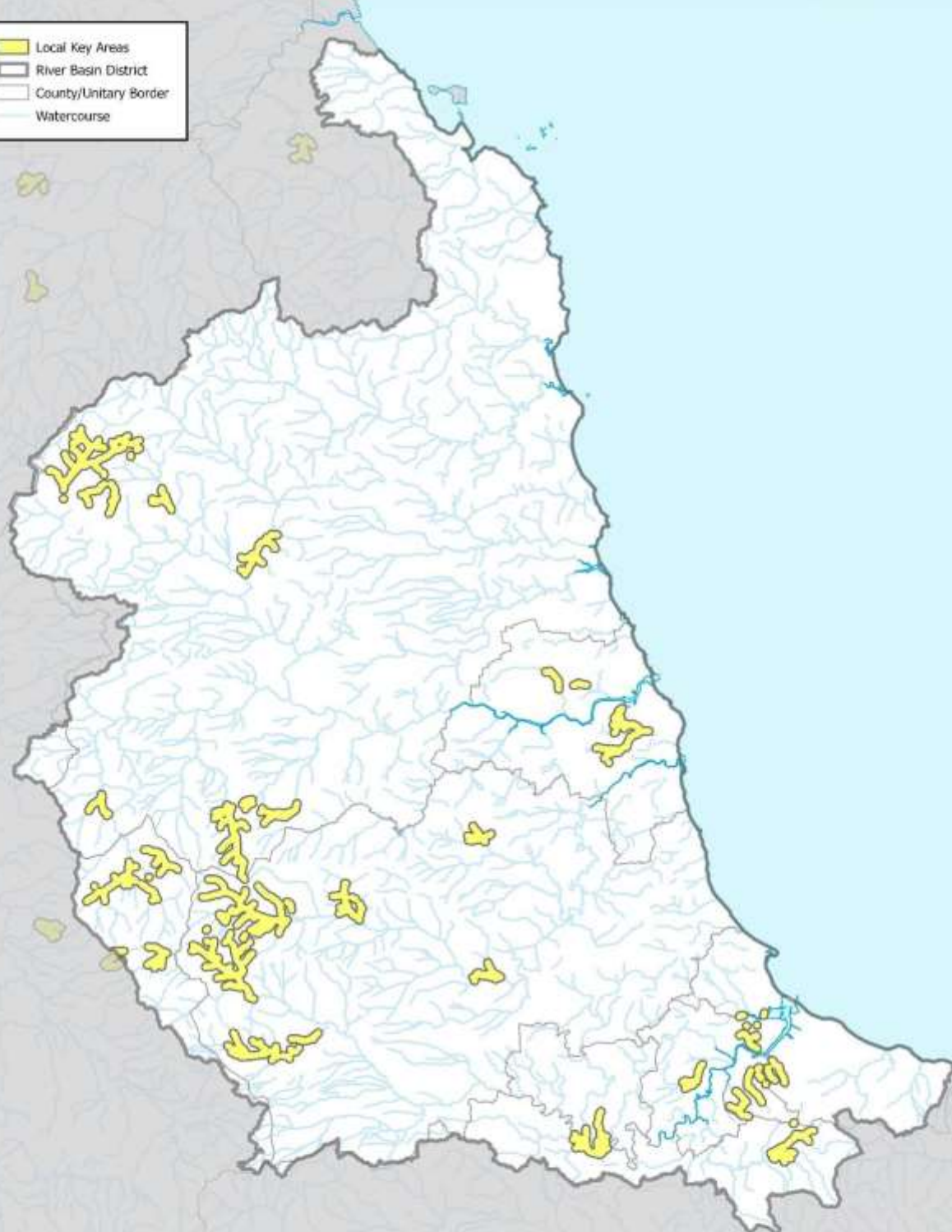
Buffer zones around Water Vole records that total 6 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:700,000

- Local Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Regional Key Areas: Northumbria River Basin District

Jan 2013 - Dec 2022

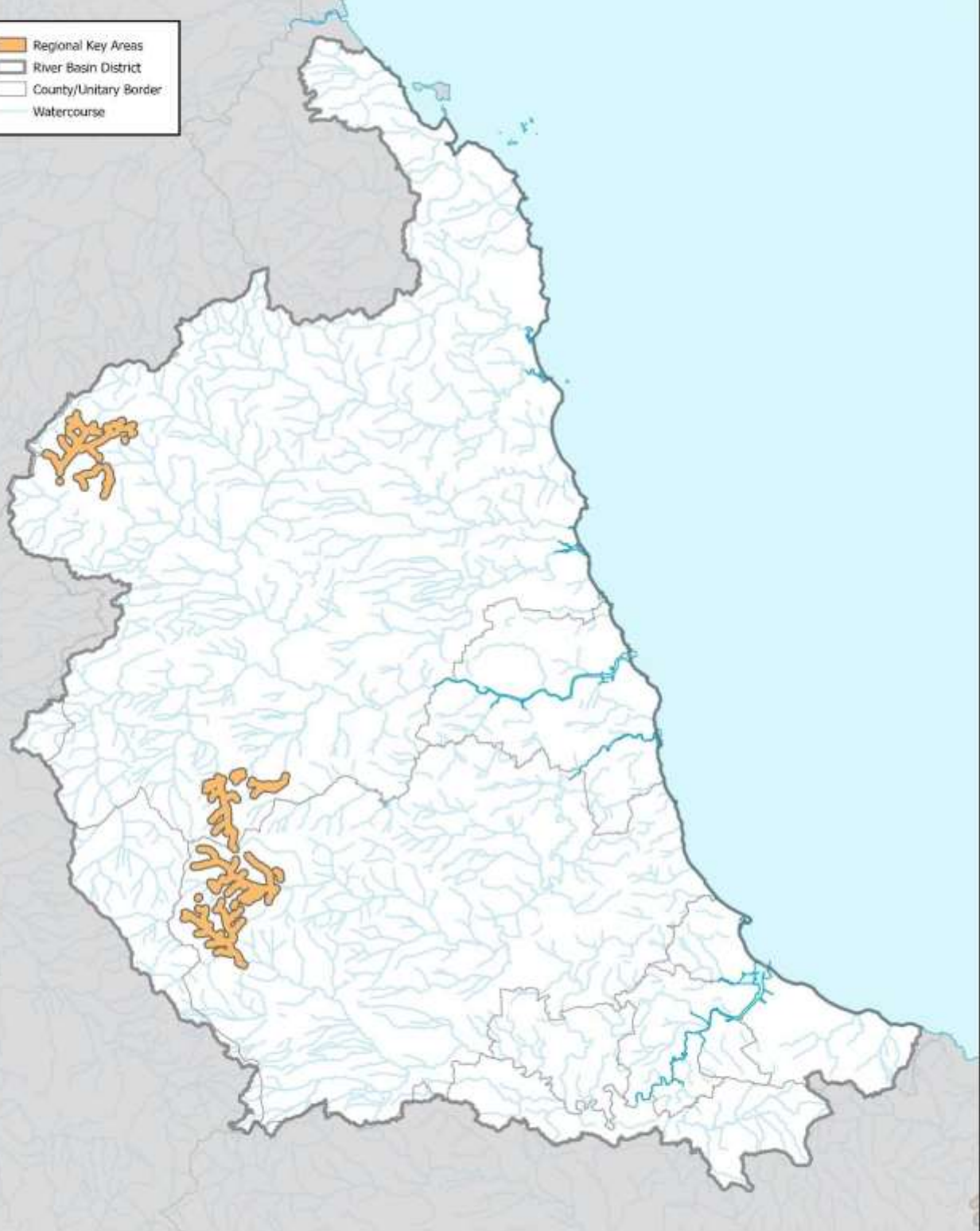
Buffer zones around Water Vole records that total 35 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:700,000

- Regional Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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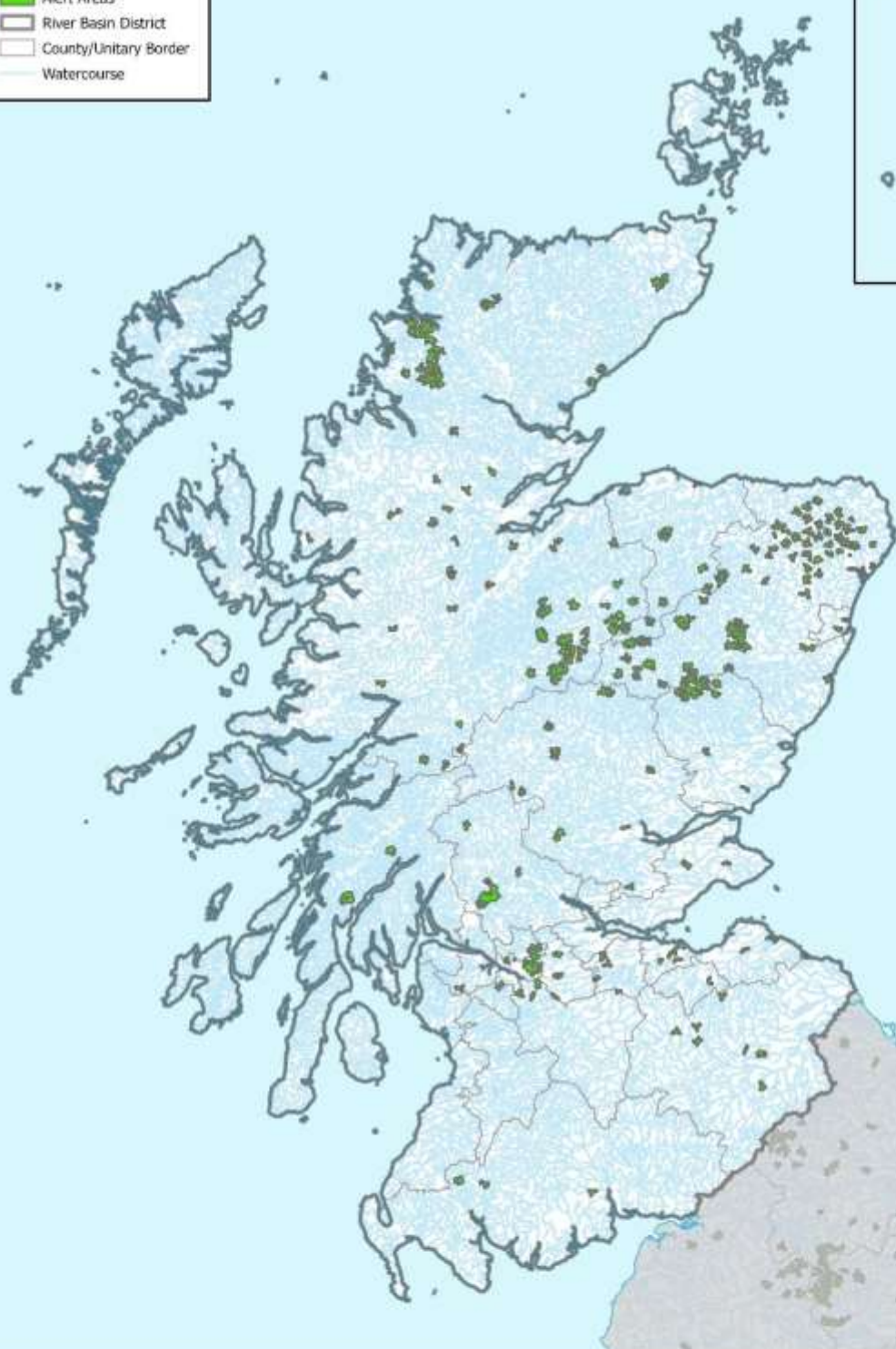
Water Vole Alert Areas: Scotland River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:2,500,000

- Alert Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Local Key Areas: Scotland River Basin District

Jan 2013 - Dec 2022

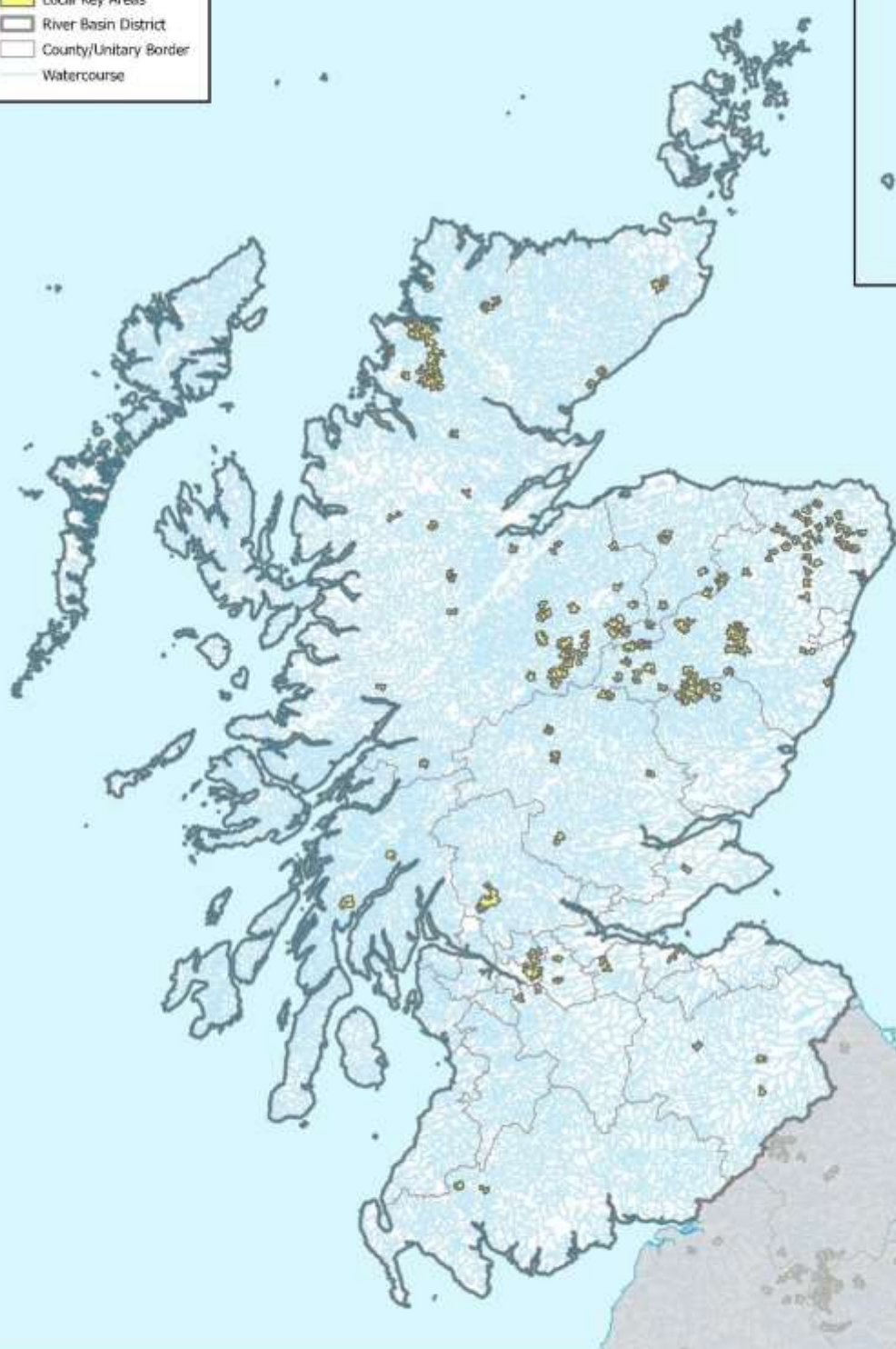
Buffer zones around Water Vole records that total 6 sq. km or more

Creation Date: 19/03/2024

Created By: Alex Glossop

Scale: 1:2,500,000

- Local Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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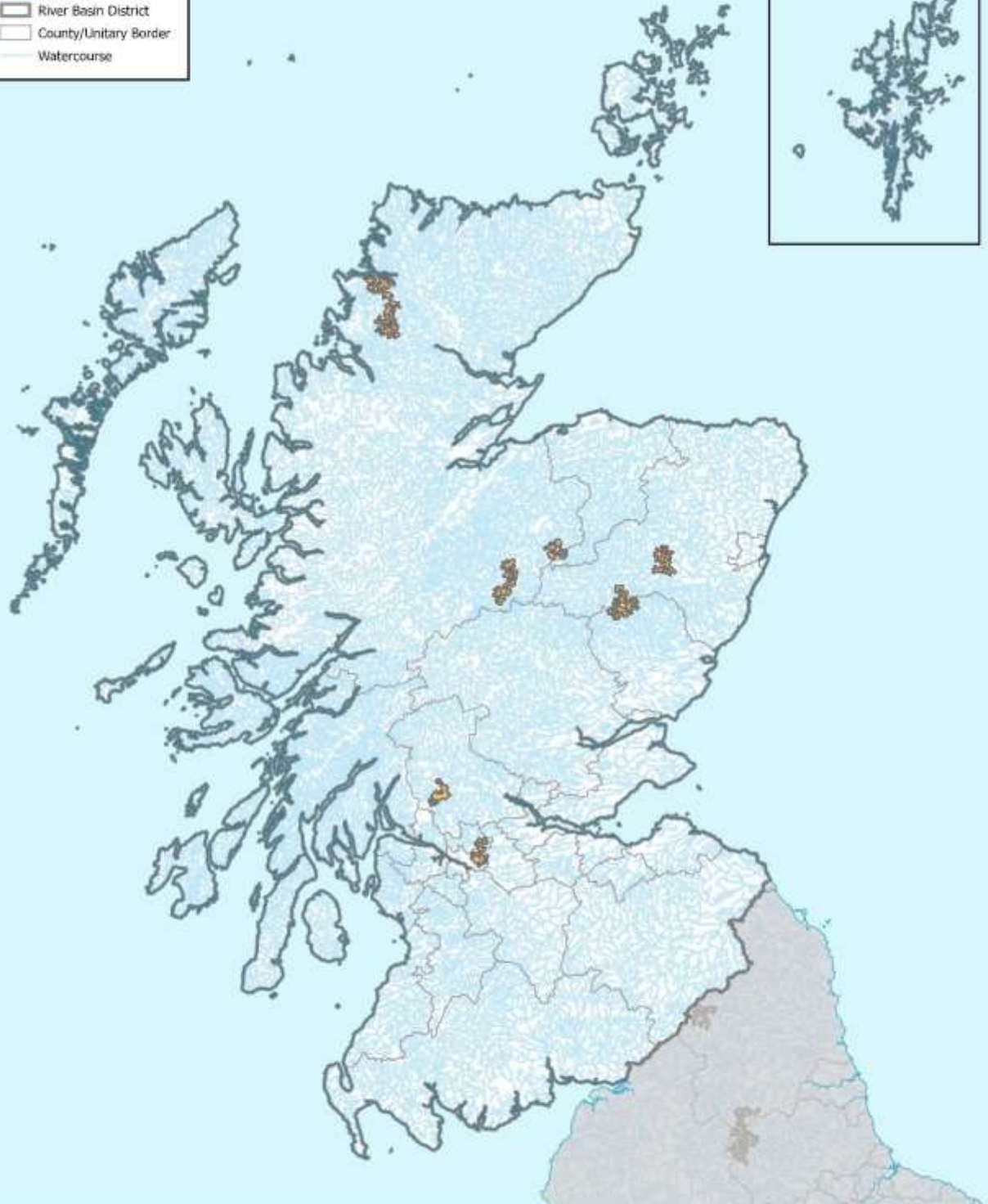
Water Vole Regional Key Areas: Scotland River Basin District

Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 35 sq. km or more

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:2,500,000

- Regional Key Areas
- River Basin District
- County/Unitary Border
- Watercourse



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Water Vole Regional Key Areas: Great Britain

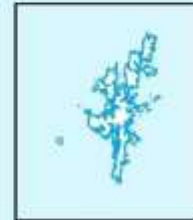
Jan 2013 - Dec 2022

Buffer zones around Water Vole records that total 35 sq. km or more

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:5,000,000

Legend:

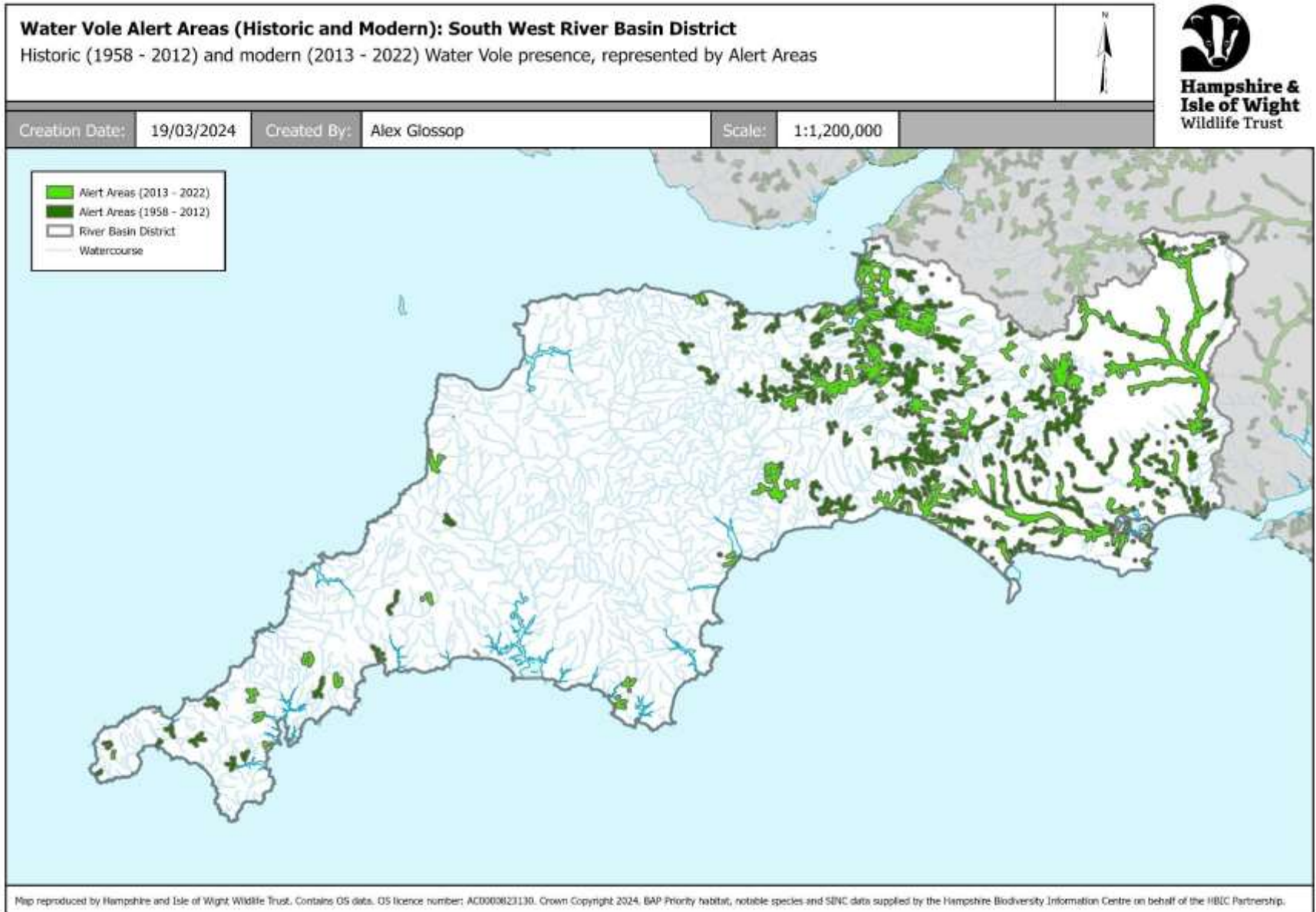
- Regional Key Areas (Orange square)
- River Basin District (White square with black outline)

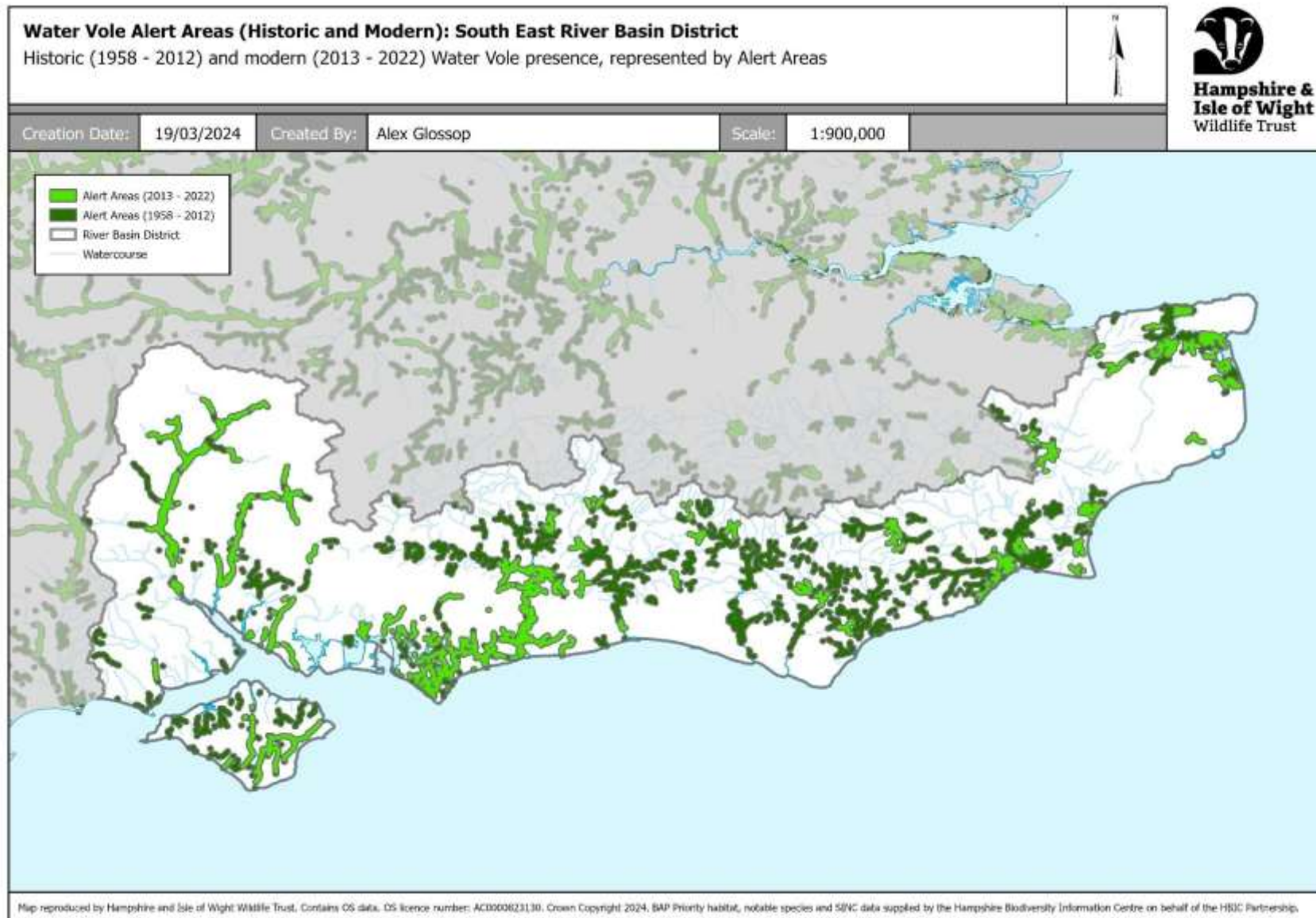


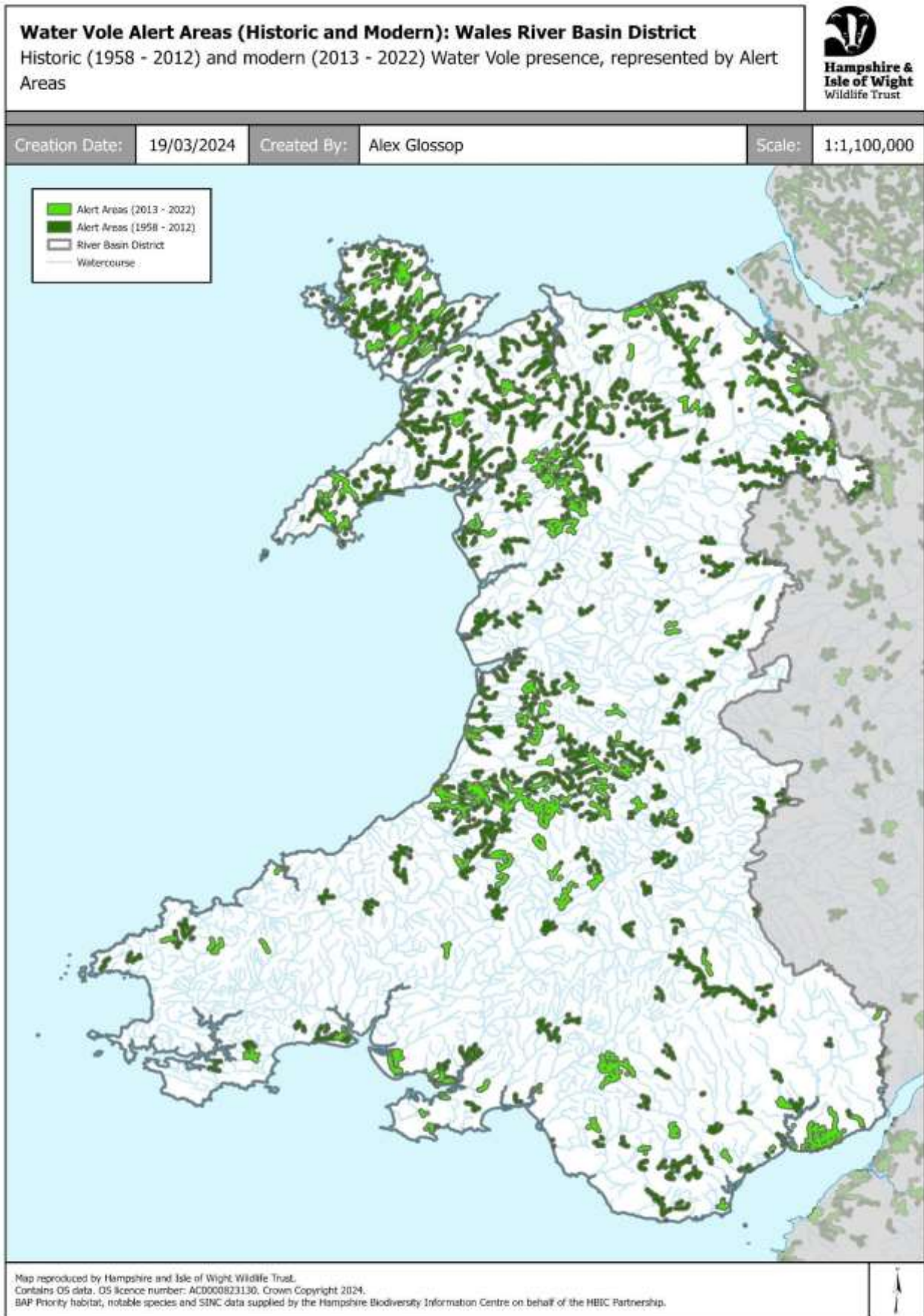
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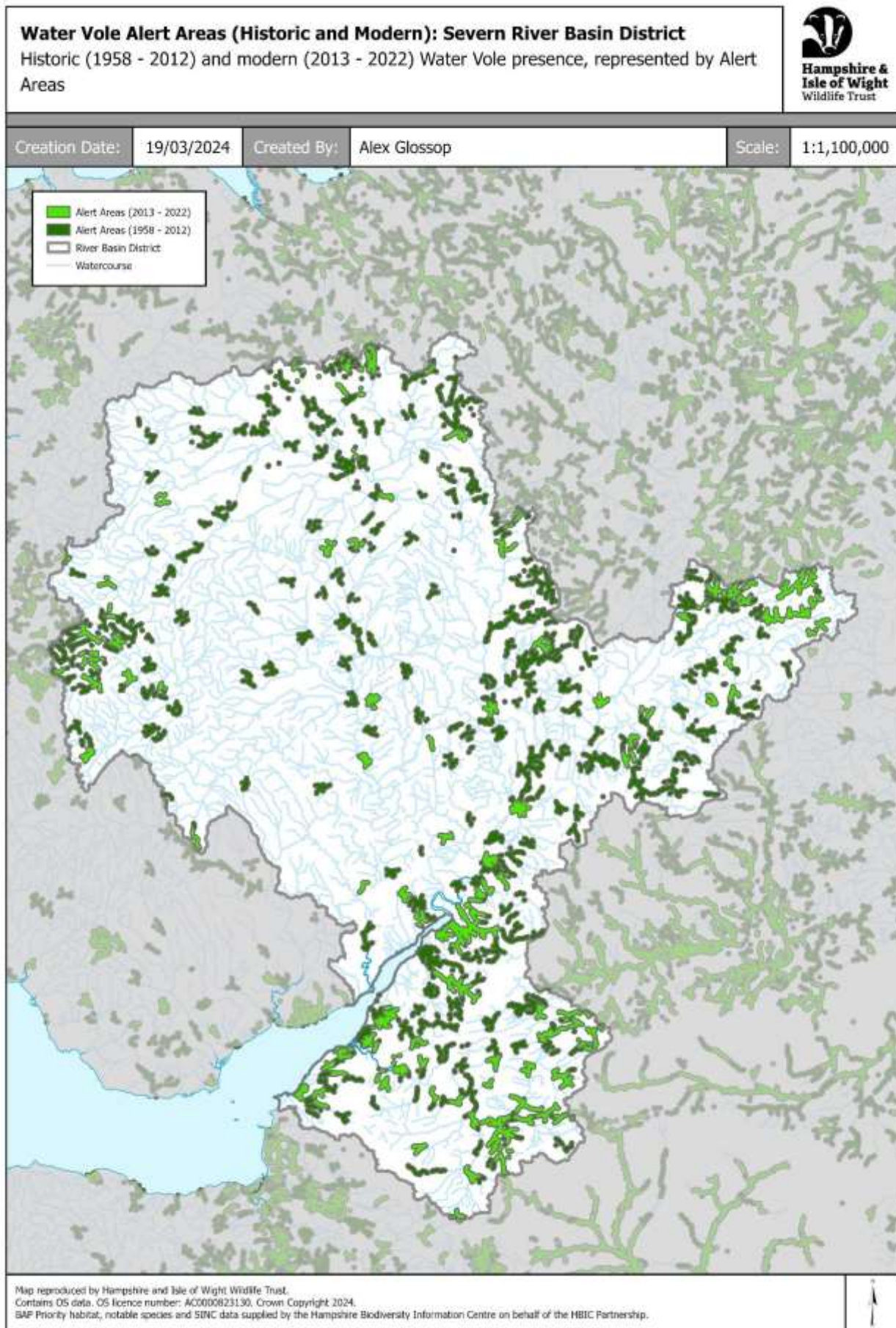


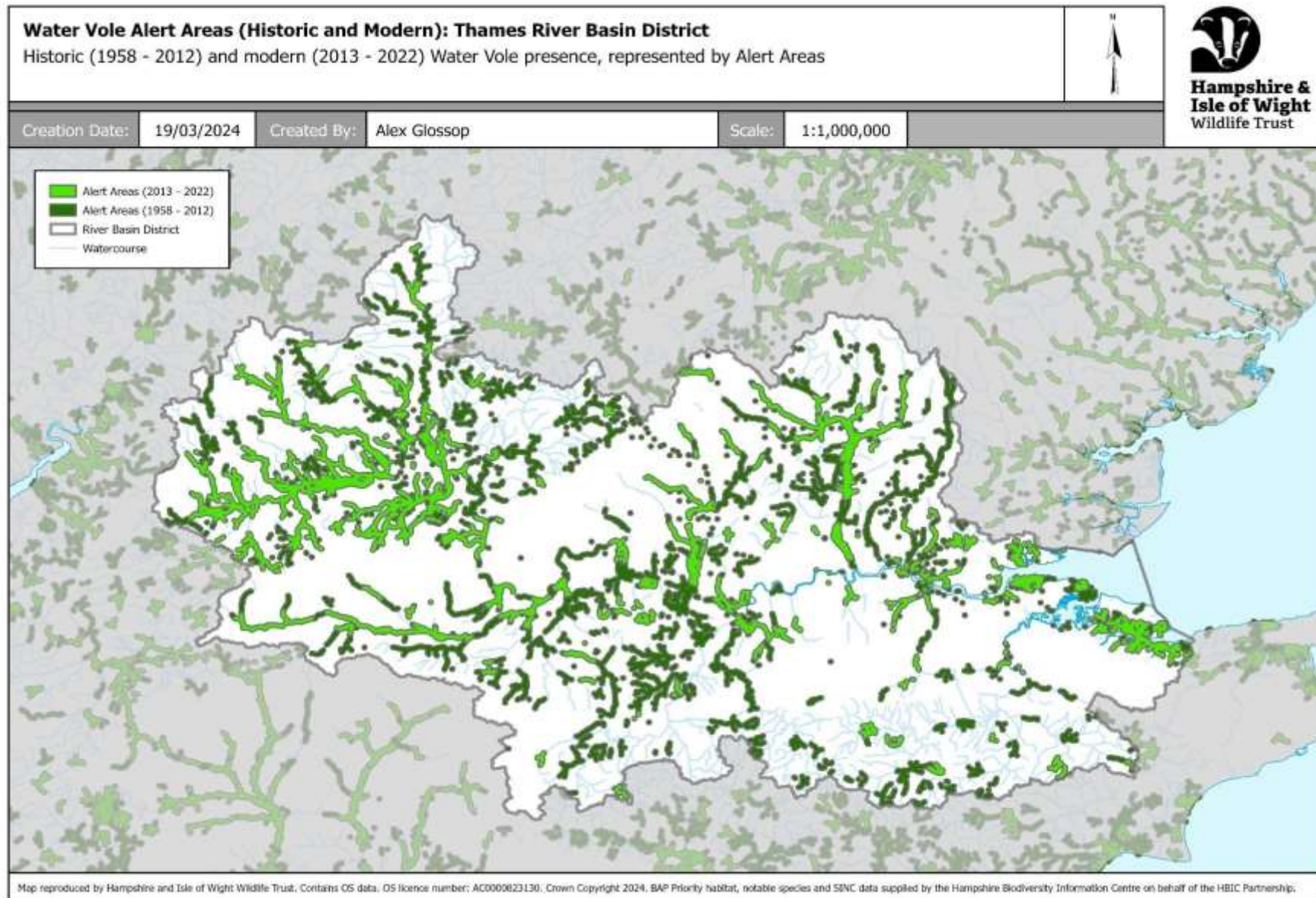
HISTORIC WATER VOLE ALERT MAPS

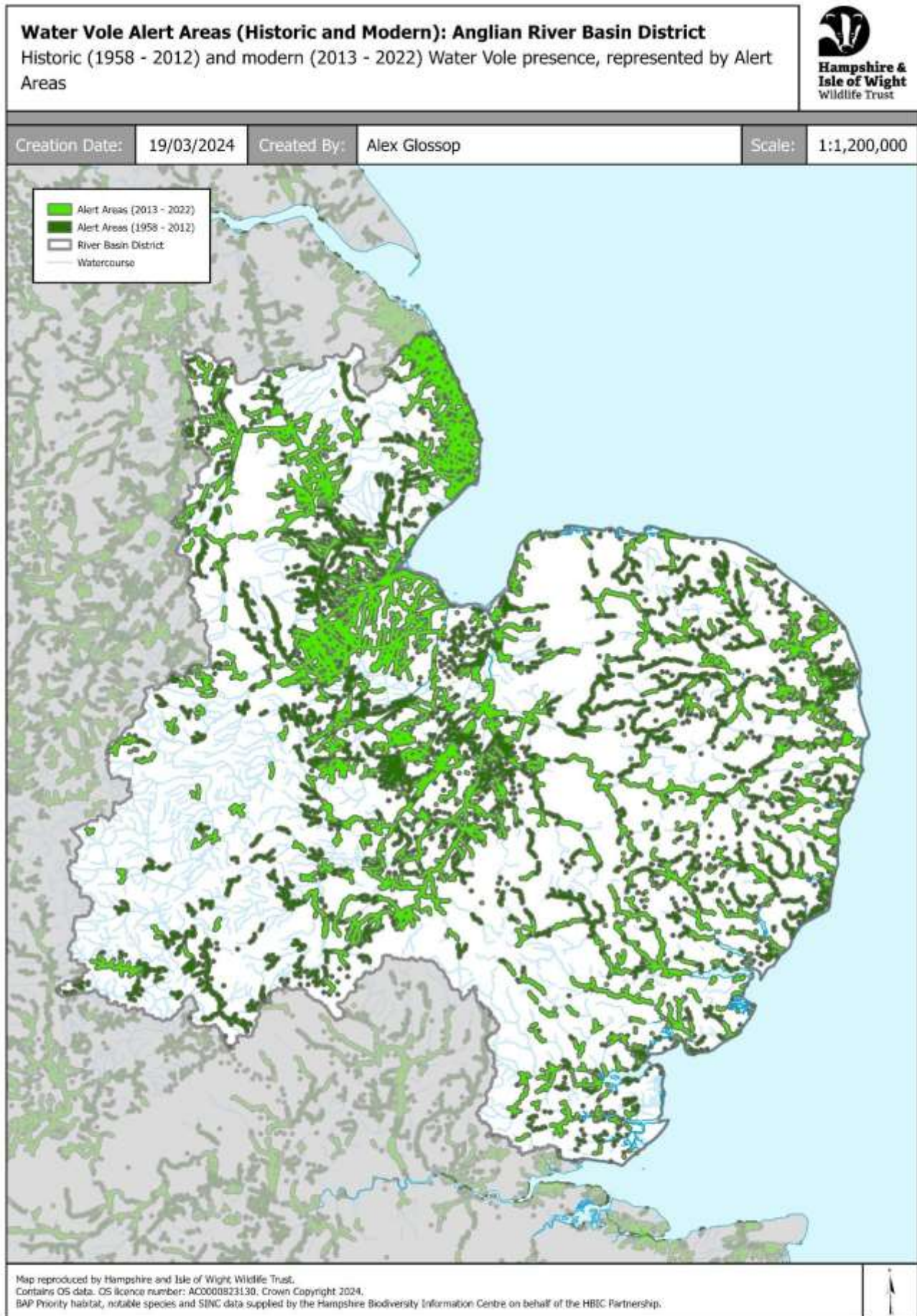


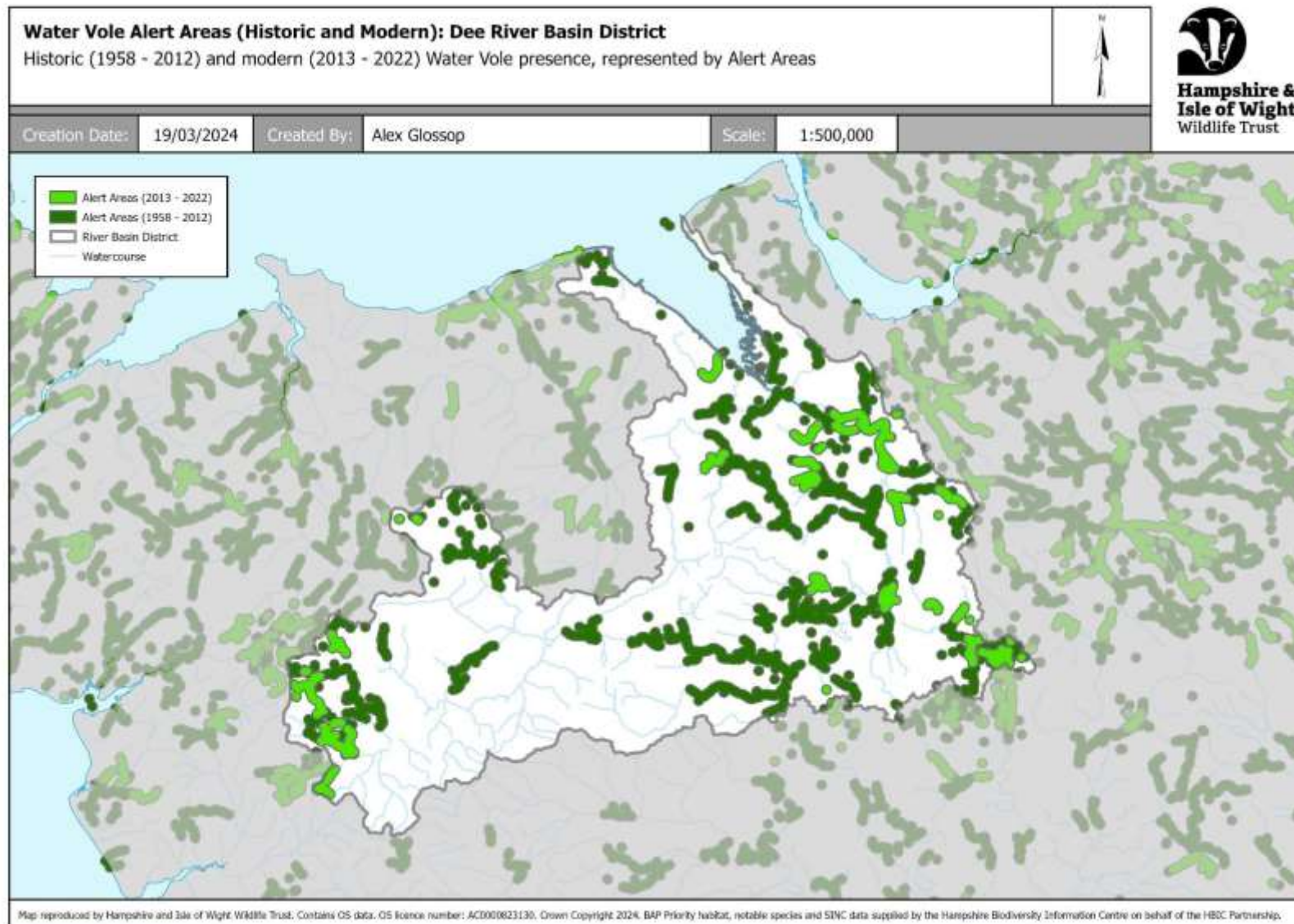










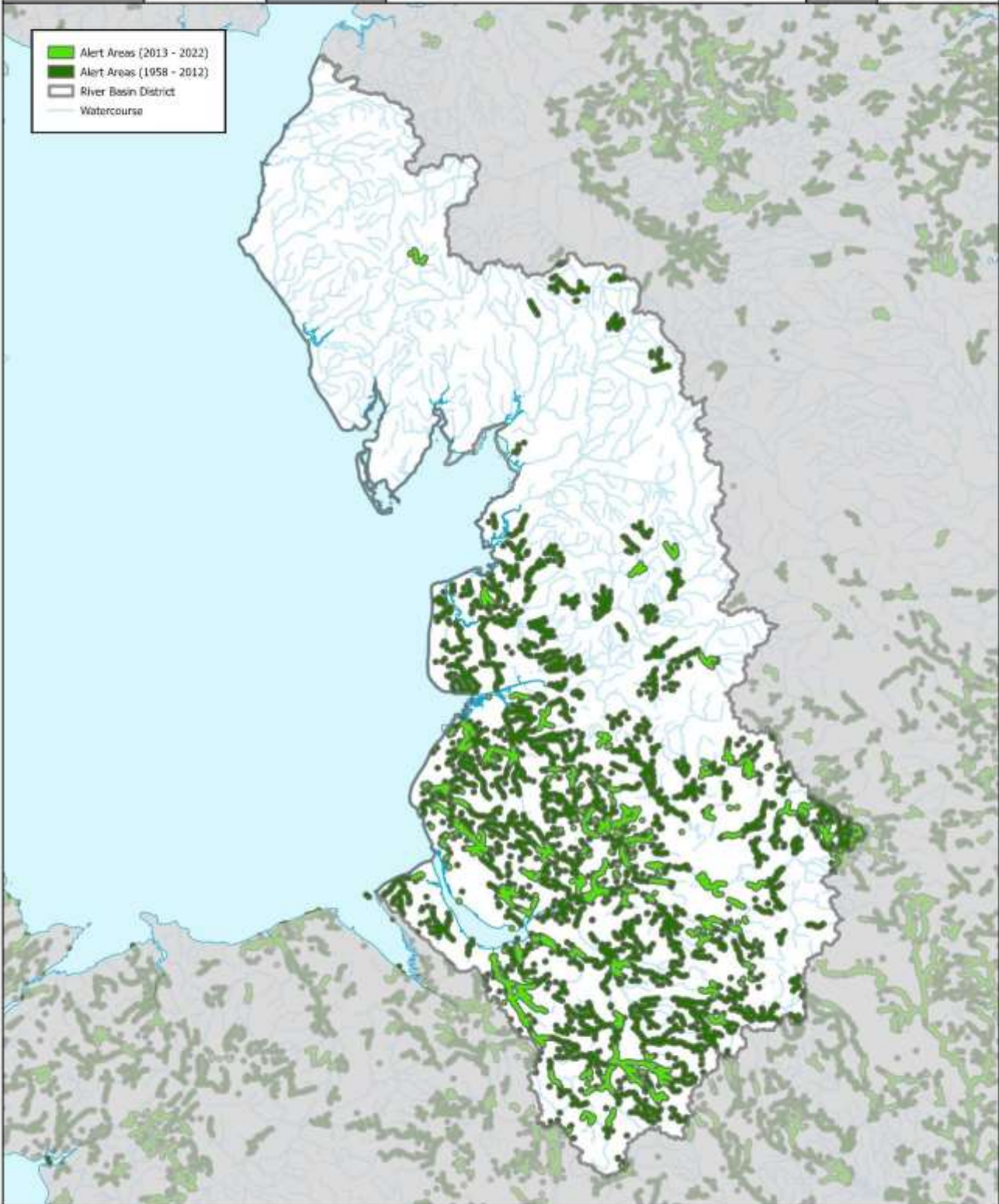




Water Vole Alert Areas (Historic and Modern): North West River Basin District
Historic (1958 - 2012) and modern (2013 - 2022) Water Vole presence, represented by Alert Areas

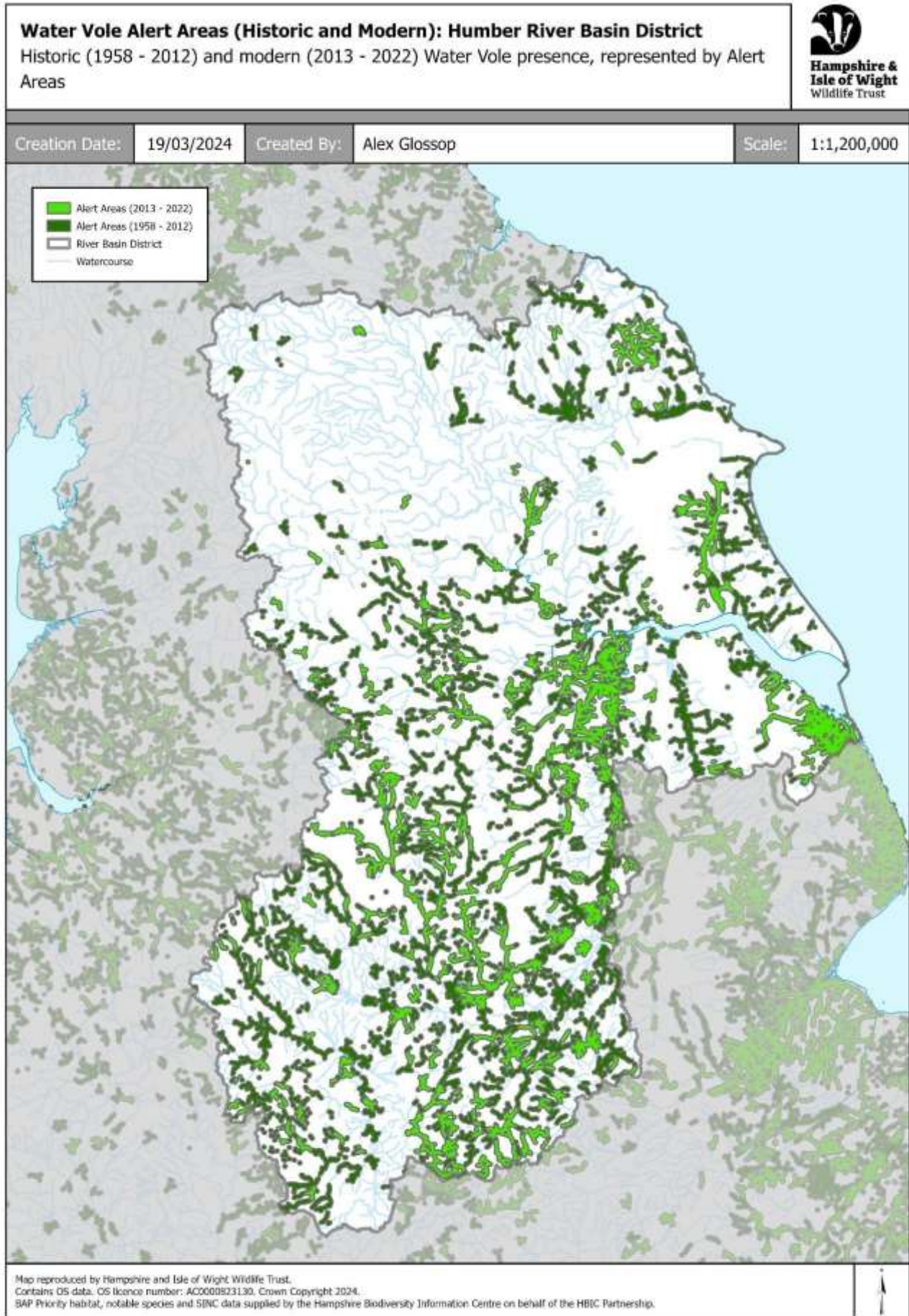
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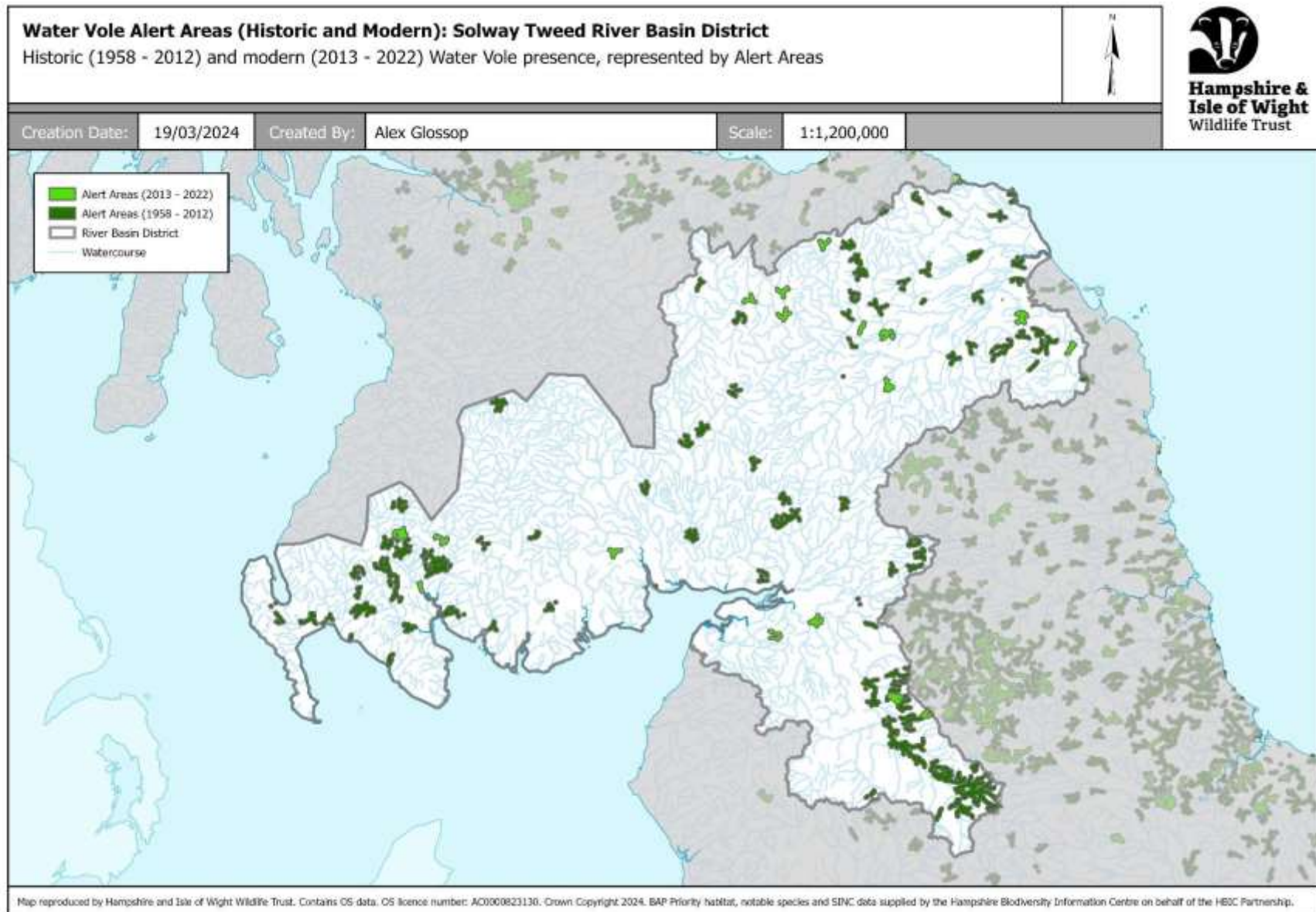
- Alert Areas (2013 - 2022)
- Alert Areas (1958 - 2012)
- River Basin District
- Watercourse



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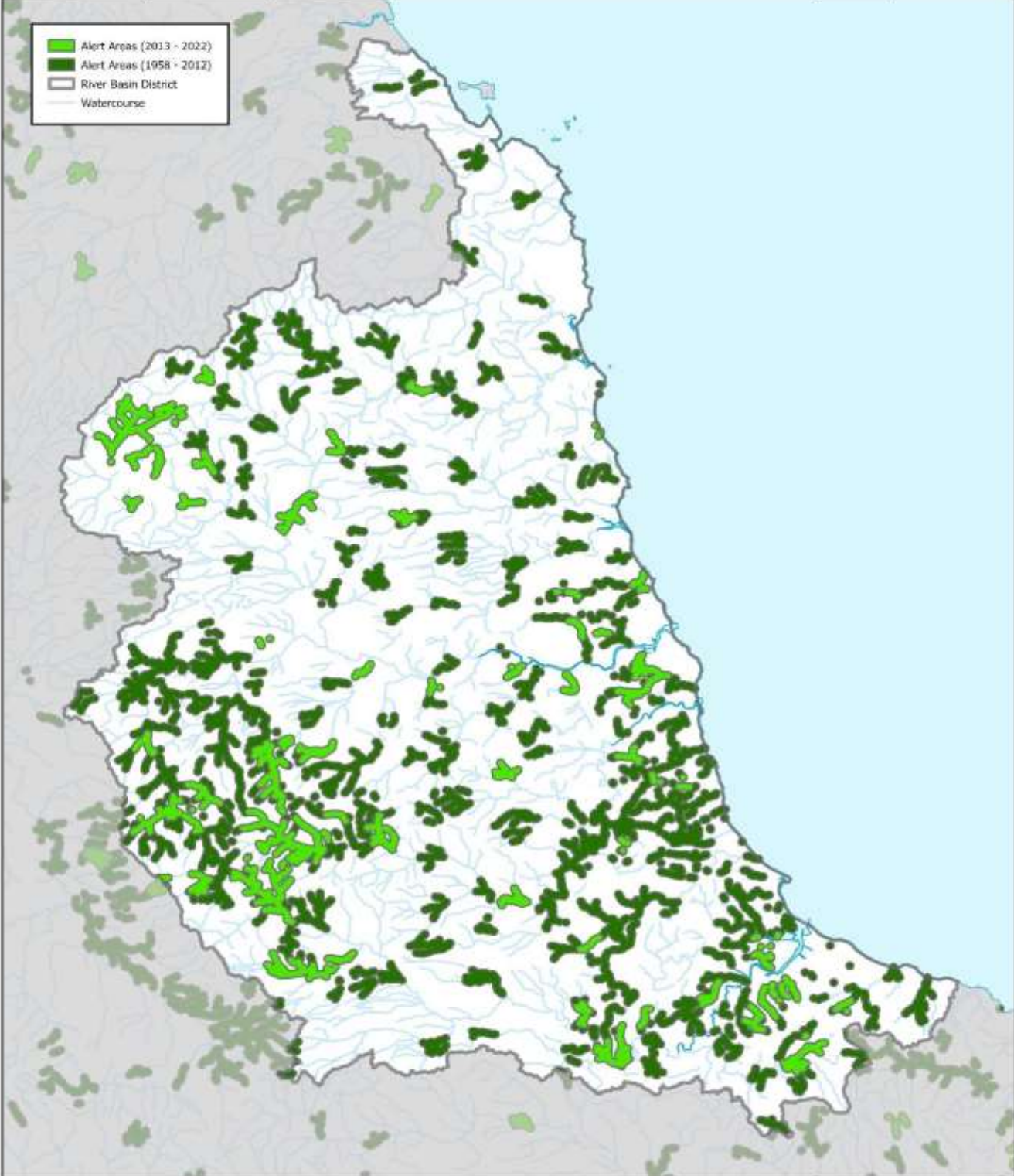






Water Vole Alert Areas (Historic and Modern): Northumbria River Basin District
Historic (1958 - 2012) and modern (2013 - 2022) Water Vole presence, represented by Alert Areas

Creation Date: 19/03/2024 Created By: Alex Glossop Scale: 1:700,000



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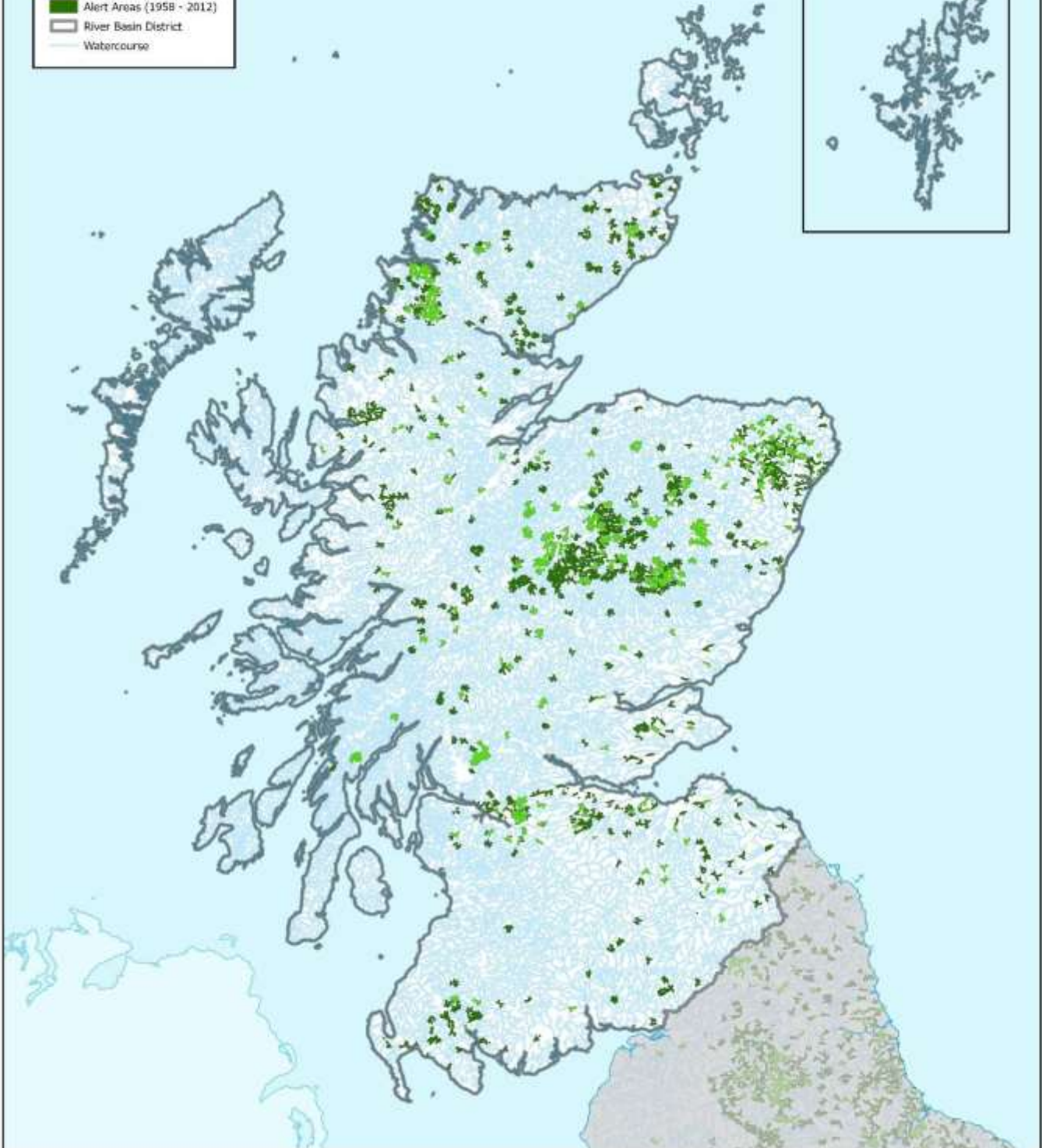




Water Vole Alert Areas (Historic and Modern): Scotland River Basin District
 Historic (1958 - 2012) and modern (2013 - 2022) Water Vole presence, represented by Alert Areas

Creation Date:	19/03/2024	Created By:	Alex Glossop	Scale:	1:2,500,000
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- Alert Areas (2013 - 2022)
- Alert Areas (1958 - 2012)
- River Basin District
- Watercourse



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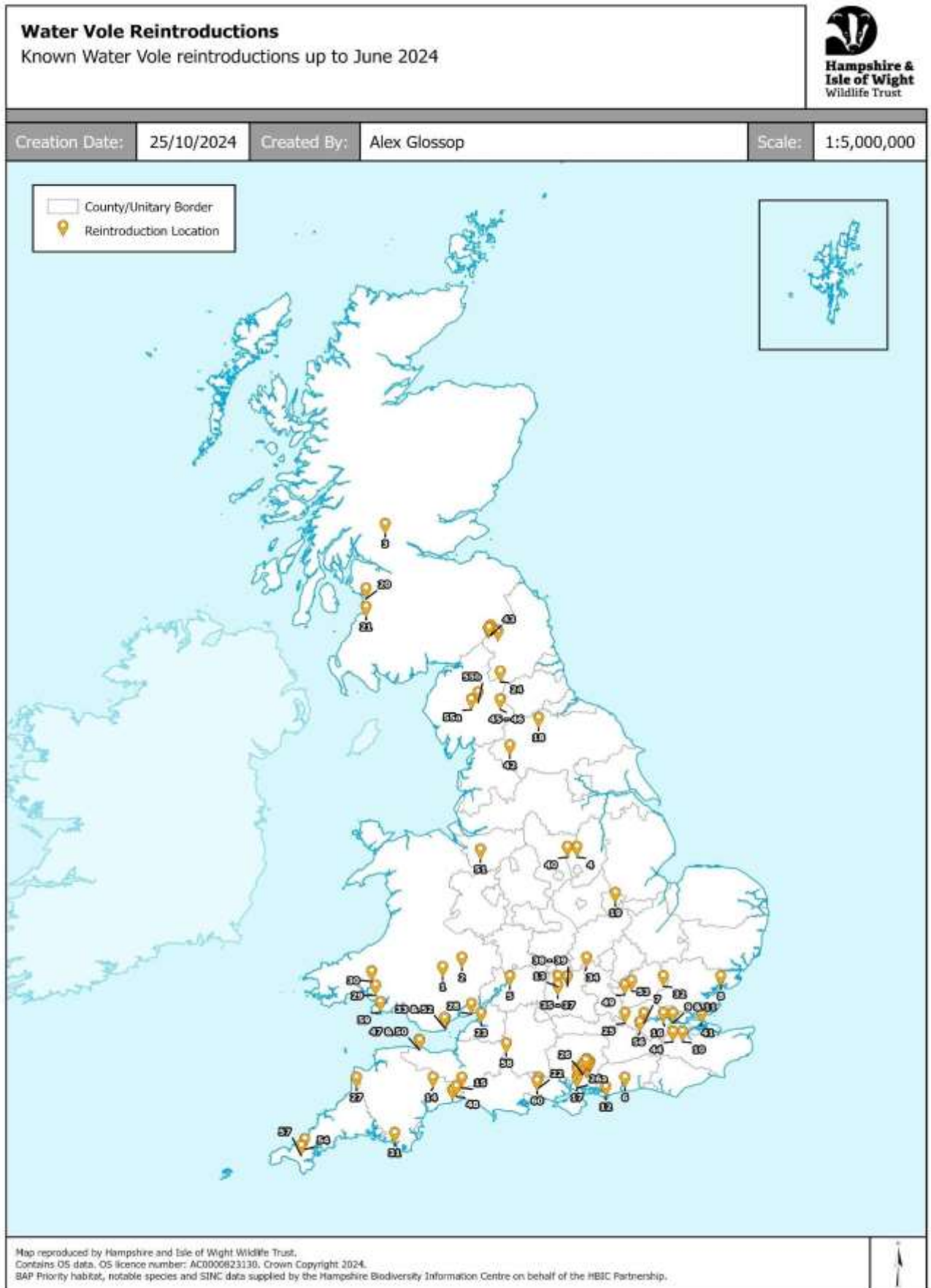
WATER VOLE REINTRODUCTIONS

The map of water vole reintroductions has been updated to June 2024, with data supplied by a number of Wildlife Trusts, South Downs National Park Authority and Derek Gow Consultancy.

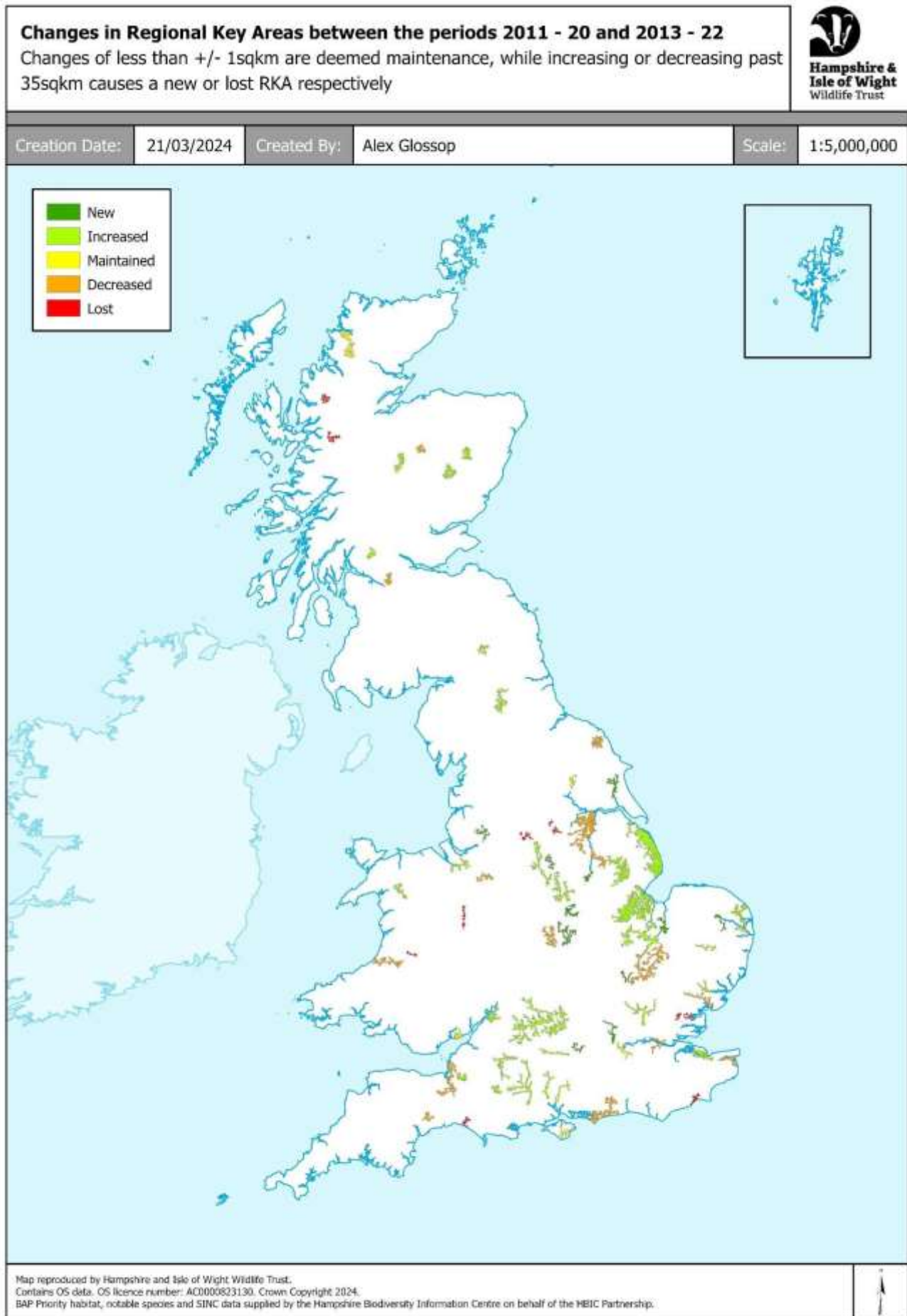
Key to numbered sites:

ID	Location
1	Llangors
2	River Dore
3	Queen Elizabeth Forest Park - Aberfoyle
4	Brandon Marsh, Kirkby in Ashfield
5	Netheridge Nature Reserve
6	Arundel
7	Barn Elms Reservoir
8	River Colne
9	Dartford Park
10	West Malling
11	Rainham Marsh
12	Pagham Harbour
13	Upper Thames
14	River Tale
15	River Axe
16	Ruxley Gravel Pits
17	Alver Valley
18	Foxglove Covert
19	Rutland Water
20	Ayreshire - Darley Burn, Troon
21	Ayreshire - Slaphouse Burn, Ayr
22	Moors Valley
23	Portbury Docks
24	Alston, Cumbria
25	Bedfont Lakes Country Park
26a	R Meon, Hants: Upper Titchfield Haven
26b	R Meon, Hants: Abbey Meadows, Titchfield
26c	R Meon, Hants: Fontley
26d	R Meon, Hants: Warnford
26e	R Meon, Hants: Mayles Lane, Wickham
26f	R Meon, Hants: Kingsmead
26g	R Meon, Hants: Mislingford, Kingsmead
26h	R Meon, Hants: Holywell
26i	R Meon, Hants: St Clairs, Soberton
26j	R Meon, Hants: Brockwood House Meadow
26k	R Meon, Hants: Exton
26l	R Meon, Hants: Midlington
26m	River Meon: East Meon
26n	River Meon: Frogmore
26o	River Meon: Drayton
26p	River Meon: Meonstoke
26q	River Meon: West Meon

ID	Location
27	Bude
28	Magor Marsh
29	Ffrwd Farm Mire, Pembrey
30	Carmarthen
31	Thurlestone
32	Thorley Wash
33	Cosmeston Country Park, Penarth
34a	Ouse
34b	Ouse
35b	Lower Windrush
35a	Lower Windrush
36a	Thame
36b	Thame
37	Swere
38	Evenlode
39a	Glyme
39b	Glyme
40	Kirkby in Ashfield
41	Kingsnorth
42	Malham Tarn
43a	Kielder Water and Forest Park
43b	Kielder Water and Forest Park
43c	Kielder Water and Forest Park
44	Sevenoaks Wildlife Reserve
45	Sandford Mire, Warcop
46	Warcop Training Area
47	Holnicote
48a	Seaton Marshes
48b	Seaton Marshes
49	Hemel Hempstead
50	Holnicote
51	Cholmondley Estate
52	Cosmeston Lakes
53	River Ver, west of St Albans
54	Trelusback Farm
55a	Haweswater
55b	Lowther Estate
56	Hogsmill River
57	Upper River Cober
58	Longleat
59	Oxwich Nature Reserve
60	Bisterne, Lower Avon Valley



REGIONAL KEY AREAS: CHANGE OVER TIME



ACKNOWLEDGEMENTS

This update to the National Water Vole Database Project has been made possible by funding from Natural England and in-kind contributions from The Wildlife Trusts.



The Environment Agency, Natural Resources Wales, NatureScot and People's Trust for Endangered Species (PTES) have also previously provided funding to support this project.

Updating the project would not be possible without the time and dedication of the Local Environmental Records Centres, Wildlife Trusts, and other organisations who freely contribute their records to the project each year. Special thanks go to the many volunteers involved in surveying and collating data, as well as the countless members of the public who continue to send their water vole and mink sightings to LERCs, Wildlife Trusts, PTES and other dedicated water vole recording schemes. All play an integral part in the project by providing the evidence we need to assess the state of the British water vole population.

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All maps were created using ArcGIS software by Esri.

Front Cover: Water Vole (*Arvicola amphibius*) in Riverbank. Copyright T J Ellis.

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