

# Outbreaks of Koi herpesvirus (KHV) disease in 2022



KHV is a serious viral disease of fish and is a listed disease in the United Kingdom. It affects all varieties of common and ornamental carp species (*Cyprinus carpio*) and can result in large scale mortalities. Fish with KHV disease may show the following signs, especially when water temperatures are between 16 to 28 °C:

You must [contact the FHI](#) if you suspect an outbreak of KHV. This includes fish with the above signs, or deaths of carp or carp hybrids.

There is no risk to public health.

Sites with KHV disease must undergo a formal monitoring programme immediately following the outbreak. The FHI visit these sites to look for evidence of disease and to inspect compliance with the conditions of the statutory controls in place.

## **Confirmed designation**

If a notifiable disease is confirmed, FHI places controls to limit the spread of disease (these are known as confirmed designations). The following conditions are applied under disease controls:

- No person may, without the previous consent in writing of the FHI, move any aquatic animal including eggs, and gametes, into, out of or within a confirmed designation area.
- Disposal of dead aquatic animals, including eggs and gametes, must be by an approved method for disposal of Category 2 animal-by-product waste in compliance with local Environmental Health department requirements
- Notify the Fish Health Inspectorate immediately should mortalities re-occur or spread to other waters within the designated area.

- Notify the FHI in advance of all intended physical changes to sites within the designated area – such as site boundaries, number or size of waters, use of the site. FHI written permission will be required beforehand for all such changes.
- All requests for consents required under this Confirmed Designation Notice must be submitted to the FHI with a minimum of 5 working days' notice.

## New outbreaks

When laboratory testing confirms KHV disease at a site, the FHI place statutory controls to limit the spread of the disease. These controls restrict movement of aquatic animals.

## Disease controls have been applied at:

## Diseases controls lifted at:

- [Conifer Lakes, North Yorkshire – 6 July 2022](#) (PDF, 309 KB, 1 page)
- [Leisure Land, Cambridgeshire – 26 July 2022](#) (PDF, 292 KB, 1 page)
- [Swan Lake Leisure, Lincolnshire – 7 September 2022](#) (PDF, 294 KB, 1 page)
- [Keppel Unit Lake, North Yorkshire – 25 August 2022](#) (PDF, 313 KB, 1 page)
- [Coston Lakes, Norfolk – 25 July 2022](#) (PDF, 331 KB, 1 page)
- [Castanet Lake, Lancashire – 27 July 2022](#) (PDF, 281 KB, 1 page)
- [Barford Lakes, Norfolk – 27 July 2022](#) (PDF, 380 KB, 1 page)
- [Tin Mill Dam, South Yorkshire – 5th August 2022](#) (PDF, 452 KB, 1 page)
- [Whitehouse farm reservoir, Essex – 8th August 2022](#) (PDF, 187 KB, 1 page)
- [Cantley Park Pond, South Yorkshire – 8th August 2022](#) (PDF, 525 KB, 1 page)
- [Oxborough Fishing Lakes, Norfolk – 9th August 2022](#) (PDF, 321 KB, 1 page)
- [Harbour Bridge Lakes, Weymouth, Dorset – 12 August 2022](#) (PDF, 315 KB, 1 page)
- [Stonham Barns Fishing Lakes, Suffolk – 22 August 2022](#) (PDF, 230 KB, 1 page)
- [Carney Pools, Staffordshire – 22 September 2022](#) (PDF, 259 KB, 1 page)
- [Newbridge Fishing Lakes, Merseyside – 26 September 2022](#) (PDF, 246 KB, 1 page)
- [Dan's Top Pool including Middle Pool, West Midlands – 27 September 2022](#) (PDF, 371 KB, 1 page)
- [The Hunstrete Fishery, Avon – 7 October 2022](#) (PDF, 382 KB, 1 page)
- [Mere Moor Fisheries, Cheshire – 28 September 2022](#) (PDF, 285 KB, 1 page)

## Further information

You can:

## Background

Koi herpesvirus disease (KHV) is a listed disease under [The Aquatic Animal Health \(England and Wales\) Regulations 2009](#). KHV outbreaks have been subject to statutory controls in the UK since 2007. The UK maintains a surveillance programme for this disease.

When the FHI confirm an outbreak, they take steps to control and, wherever possible, remove the disease. This may involve movement controls on susceptible species in the affected area, enhanced biosecurity, culling of fish, and cleaning and disinfecting of the premises.

Once statutory controls are in place the site operators must write to the FHI to get permission to move live fish into, out of, or within the designated area, and to make material changes to the site or site activities. This also applies to fish eggs and gametes.

Published 6 July 2022

Last updated 16 November 2022 [+ show all updates](#)

1. 16 November 2022

A confirmed designation has been lifted.

2. 27 October 2022

A confirmed designation has been lifted.

3. 13 October 2022

A confirmed designation has been lifted.

4. 11 October 2022

A confirmed designation has been lifted.

5. 7 October 2022

A new disease outbreak listed.

6. 7 October 2022

A number of confirmed designations have been lifted.

7. 29 September 2022

A disease control has been lifted.

8. 28 September 2022

A disease outbreak lifted.

9. 28 September 2022

A new disease outbreak listed.

10. 27 September 2022

A new disease outbreak listed.

11. 26 September 2022

A new disease outbreak listed.

12. 22 September 2022

A new disease outbreak listed.

13. 7 September 2022

List has been updated with the new outbreak confirmed at Swan Lake

14. 26 August 2022

A new disease notification has now been listed.

15. 23 August 2022

A new disease notification has now been listed.

16. 12 August 2022

New outbreak of KHV listed.

17. 9 August 2022

Three new KHV outbreaks confirmed.

18. 4 August 2022

Two confirmed designations now revoked, and removed from the 'applied at' section, and moved to the 'controls lifted at' section.

19. 27 July 2022

2 new disease outbreaks listed.

20. 26 July 2022

A new disease notification listed.

21. 26 July 2022

A new disease outbreak listed.

22. 6 July 2022

First published.