

**Zoo Licensing Act 1981 (Amendment)
(England and Wales) Regulations 2002**

Inspection Report

Date Report completed: 28/04/2006



Name of applicant or current licence holder:

Name and address of zoo

Telephone number (incl. national dialling code)

Fax number (incl. national dialling code)

Licence Number

Date of last inspection Type of last inspection

Timing of next inspection Type of next inspection

Type of inspection Statutory composition of inspection team *Please tick appropriate box*

Section 10:

Full renewal 2 Defra nominees, 1 LA vet. Option of up to 2 more from LA

Full periodical 2 Defra nominees, 1 LA vet. Option of up to 2 more from LA

Section 11:

Special Any number of competent LA authorised appointees.....

Section 12:

Informal One competent LA authorised appointee.....

Section 14(1)(b) dispensation:

Informal One competent LA authorised appointee.....

Section 14(2) dispensation:

Renewal application Defra nominee(s)

Periodical Defra nominee(s)

Please use Appendix 11A (form ZOO 3) for Licence inspections under Section 4(1A) and Significant change inspections under Sections 16(2B) or 16(3A) of the Zoo Licensing Act 1981 (as amended).

Names and designations of Inspectors	Name(s) of zoo representative(s)

Copies: Original to local authority, 1st copy to applicant/operator, 2nd copy to Defra, 3rd copy to inspectors

Useful information available to applicants

Information about the Zoo Licensing Act 1981 (Amendment) (England and Wales) Regulations 2002)

Where to find it – available from your local authority who are responsible for administering the Act or from Defra at <http://www.defra.gov.uk/wildlife-countryside/gwd/index.htm> or 0117 372 8209.

Secretary of State's Standards of Modern Zoo Practice

Where to find it - available at <http://www.defra.gov.uk/wildlife-countryside/gwd/index.htm> or from your local authority who are responsible for administering the Zoo Licensing Act 1981 (as amended). A limited number of hard copies are still available from Defra.

Government Circular Guidance 02/2003 on the Zoo Licensing Act 1981 (Amendment) (England and Wales) Regulations 2002)

Where to find it – available at <http://www.defra.gov.uk/wildlife-countryside/gwd/zoo.htm#circular>

Alternatively hard copies can be obtained by contacting:

Defra,
1/16 Temple Quay House,
2 The Square,
Temple Quay,
Bristol BS1 6EB
Tel: 0117 372 8209
E-mail: zoos.branch@defra.gsi.gov.uk

Zoos Forum Handbook

Where to find it – hard copies of available chapters can be obtained from Tom Adams at the above address (while stocks last). Electronic versions can be downloaded from <http://www.defra.gov.uk/wildlife-countryside/gwd/zoosforum/index.htm>.

Preamble to inspectors' report

Assessment of the Pre-Inspection Audit

Part	Assessment (tick one box)	Comments
A. Details of Institution	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	
B. Animal records	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	
C. Animal husbandry and veterinary care	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	
D. Health and safety	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	The Health & Safety policy must be signed and dated. Risk assessments should be signed, dated and a review date indicated.
E. Security	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	
F. Conservation	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	
G. Education	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	
H. Staff training	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	
I. Research	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	Details of research and publications by zoo staff should be stated: the small in-house projects that are currently run by the aquarists should be given a higher profile.
J. Ethical considerations	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete <input type="checkbox"/> Absent	Only one formal ethical review meeting has been held (7/3/06) so far. See recommendations (a)

Findings at inspection

Marking Key

Score YES or NO or N/A (i.e. not applicable) as appropriate. YES scores may also be graded (if considered appropriate) in the 'YES' column as follows:
 1 = Excellent. 2 = Good. 3 = Adequate. 4 = Barely acceptable.

	YES & grade if used	NO	N/A	Notes
1. Provision of food and water				
Directive Condition 1A(c)(ii):	YES: 2			
1. Is each animal provided with a high standard of nutrition?				
2. Is food and drink appropriate for the species/individual supplied?	YES: 2			
3. Are supplies of food and water:				See recommendations (b)
(a) kept hygienically?	YES: 3			
(b) prepared hygienically?	YES: 3			
(c) supplied to the animal hygienically?	YES: 3			
4. Has natural feeding behaviour been adequately considered to ensure that all animals have access to food and drink?	YES: 2			
5. Are feeding methods safe for staff and animals?	YES: 2			
6. Is feeding by visitors permitted?	select	✓		
(a) if YES, is it properly controlled?	select			
2. Provision of suitable environment				
Directive Condition 1A(c)(i):				
1. Is each animal provided with an environment well adapted to meet the physical, psychological and social needs of the species to which it belongs?	YES: 2			
2. Are the following environmental parameters appropriate:	YES: 2			
(a) temperature?				
(b) ventilation?	YES: 2			
(c) lighting?	YES: 2			
(d) noise levels?	YES: 2			
(e) any other environmental parameters?	YES: 2			
3. Do animal enclosures have sufficient shelter?	YES: 2			
4. Do animal enclosures provide sufficient space?	YES: 2			
5. Are backup facilities for life support systems adequate?	YES: 2			
6. Is the cleaning of the accommodation satisfactory?	YES: 2			
7. Is the standard of maintenance adequate for:				
(a) the buildings?	YES: 2			
(b) the fences?	YES: 2			
8. Is all drainage effective and safe?	YES: 2			See recommendations (c)

	YES & grade if used	NO	N/A	Notes
3. Provision of animal health care				
Directive Condition 1A(c)(ii):				
1. Is each animal provided with a high standard of animal husbandry?	YES: 2			
2. Do all animals on display to the public appear to be in good health?	YES: 1			
3. Are observations of condition and health made and recorded?	YES: 2			
4. Do all animals receive prompt and appropriate attention when problems are noted?	YES: 1			
5. Are enclosures designed and operated in such a way that social interaction problems are avoided?	YES: 2			
<i>On-site facilities</i>				
6. Are catch-up and restraint facilities adequate?	YES: 2			
7. Is darting equipment satisfactory?	select		✓	
8. Are on-site veterinary facilities adequate?	YES: 4			See recommendations (d)
<i>Veterinary care</i>				
Directive Condition 1A(c)(ii):				
9. Is each animal provided with a developed programme of preventative and curative veterinary care and nutrition?	YES: 2			
10. Is a satisfactory programme of preventative and curative veterinary care established and maintained?	YES: 2			
11. Is there a system for the regular review of clinical and pathological records?	YES: 2			
12. Are appropriate veterinary records kept?	YES			
13. Are medicines correctly kept?	YES			See recommendations (e)
14. Are controlled drugs used and recorded satisfactorily?	select		✓	
15. Are appropriate antidotes available?	select		✓	
16. Are post mortem examination arrangements satisfactory?	YES: 4			See recommendations (d)
<i>Isolation and containment</i>				
17. Is adequate reserve accommodation available for isolation of animals for:	YES: 2			
(a) assessment?				
(b) treatment?	YES: 2			
(c) recovery?	YES: 2			
(d) quarantine (where required)?	YES: 2			
<i>Sanitation and control of disease</i>				
Directive Condition 1A(e):				
18. Are satisfactory measures in place to prevent the intrusion of pests and vermin into the zoo premises?	YES: 2			
19. Does it appear that general sanitation and pest control are effective?	YES: 2			

	YES & grade if used	NO	N/A	Notes
4. Provision of an opportunity to express most normal behaviour 1. Does accommodation appear adequately to meet the biological and behavioural needs of the animals?	YES: 2			
5. Provision of protection from fear and distress 1. Are the animals handled only by or under the supervision of appropriately experienced staff?	YES			
2. Is physical contact between animals and the public consistent with the animals' welfare?	select		✓	
3. Are interactions between the animals such that they are not excessively stressful?	YES			
6. Transportation and movement of live animals 1. Can the zoo demonstrate an awareness of the regulations covering transportation of animals and provide copies of certificates to show compliance when transportation has occurred?	YES: 2			
2. Is transport and movement equipment in good order?	YES			
3. Are facilities suitable for lifting, crating and transportation of all the types of animals kept within the zoo to destinations both inside and outside the zoo readily available?	YES: 2			
4. Do the catching and transportation techniques take account of the animal's temperament and escape behaviour in order to minimise injury, damage and distress?	YES			
5. Is adequate provision made for the animal's and the public's safety and well being while the animal is being transported or kept away from the zoo?	YES			
7. Conservation, Education and Research Directive Condition 1A(a): 1. Is the zoo participating in at least one of the following:	select			
(i) research from which conservation benefits accrue to species of wild animals?				
(ii) training in relevant conservation skills?	select			
(iii) the exchange of information relating to the conservation of species of wild animals?	YES: 2			
(iv) where appropriate, breeding of wild animals in captivity?	select			
(v) where appropriate, the repopulation of an area with, or the reintroduction into the wild of, wild animals?	select			

	YES & grade if used	NO	N/A	Notes
7. Conservation, Education and Research (cont.)				
Directive Condition 1A(b):				
2. Is the zoo promoting public education and awareness in relation to the conservation of biodiversity, in particular by providing information about the species of wild animals kept in the zoo and their natural habitats?	YES: 2			
3. Where appropriate are animals managed (including accommodation) in a way consistent with the conservation needs of the species?	YES: 2			
4. Are on-site education facilities commensurate with the collection?	YES			
(a) are they adequate for the purposes?	YES			
5. Are the conservation efforts adequate for the resources of the collection?	YES: 2			
6. Are the research efforts adequate for the resources of the collection?	YES: 2			See recommendations (f)
7. Is captive breeding properly managed?	YES: 2			
8. Public safety				
Directive Condition 1A(d):				
1. Are there satisfactory measures in place to prevent the escape of animals?	YES: 2			
2. Are there satisfactory measures in place to be taken in the event of any escape or unauthorised release of animals?	YES			
3. Will the perimeter deter unauthorised entry and aid the confinement of zoo stock?	YES: 2			
4. Do stand-off barriers appear adequate?	YES			
5. Are adequate warning signs provided?	YES			
6. Are prohibited areas appropriately signed?	YES			
7. Are exits clearly marked and accessible?	YES			
8. Does maintenance of buildings appear adequate?	YES: 3			Repainting is needed in some public areas
9. Do public areas and walkways appear safe?	YES: 2			
10. Are trees regularly inspected and appropriate remedial action taken?	select		✓	
11. Are the special safety requirements for walk-through or drive-through exhibits adequately met?	select		✓	
9. Records				
Directive Condition 1A(f):				
1. Are there up-to-date records of the zoo's collection, including records of:	YES			Efforts are being made to computerise and link the stock and health records, and to integrate digital camera images. This should provide a more practical system for veterinary monitoring and investigations.
(i) the numbers of different animals?				
(ii) acquisitions, births, deaths, disposals and escapes of animals?	YES: 2			
(iii) the causes of any such deaths?	YES: 2			
(iv) the health of the animals?	YES: 2			

	YES & grade if used	NO	N/A	Notes
9. Records (cont.)				
2. Are daily diaries maintained?	YES: 2			
(a) do they contain appropriate information?	YES: 2			
3. Are animal stock records clear and up-to-date?	YES			
4. Are annual inventories maintained and submitted to the Local Authority?	YES			
5. Are animal source and destination records kept?	YES			
6. Are archived records secure?	YES			
10. Miscellaneous				
1. Do staff numbers and training of staff appear adequate?	YES			In-house training by the zoo vet will be used to overcome the shortage of suitable courses for staff
2. Is the management structure adequate for the proper care and well-being of the animals and the safety of the visiting public and zoo staff?	YES: 2			
3. Are effective risk assessments carried out where appropriate?	YES			
4. Has an ethical review process been established?	YES			See recommendations (a)
5. Are public toilet facilities adequate and serviced?	YES: 2			
6. Are parking facilities adequate?	YES: 2			
7. Is a First Aid Policy in effect and is it adequate?	YES			
11. Associated legislation				
1. Is electrical equipment routinely serviced?	YES			
2. Have fire precautions been agreed and implemented?	YES			
3. Is refuse disposed of correctly?	YES: 2			
4. Are the required needs of disabled visitors met?	YES			
5. Is an accident reporting and recording system in use?	YES			
12. Compliance check				
1. Is the current licence or a copy on public display at each public entrance?	YES			
2. Is adequate Public Liability Insurance current?	YES			
3. Have existing licence conditions been met?	YES			
4. On summary inspection, does the zoo appear to be in compliance with CITES legislation?	YES			

Additional space

The following space is provided for:

- additional notes and comments on the answers to the earlier questions;
- recommendations (other than in respect of grant or refusal of a licence and any specific conditions recommended for a licence – see overleaf); and
- any general remarks which the inspecting team may wish to record.

This is a small aquarium situated on the sea front of an attractive coastal town. Formerly one of the SeaLife chain, it was taken over a few years ago by private investors and is linked to two other local tourist attractions. It has an ongoing renovation program which is progressing well. There are considerable space restrictions on the site but this has been used well and provides a broad variety of exhibits with local specimens. There is a positive management attitude and high level of enthusiasm among the aquarists. Repainting is required in some public areas where there are high levels of physical contact or corrosion by salt. Despite this these areas were clean and well maintained.

a. Ethics review committee meetings should continue at regular intervals and be minuted for recording purposes.

b. There is concern that some post mortems and other investigations are performed on the worktop which is used for food preparation. Despite stating that the surface is disinfected with Zoosept (a peroxide agent marketed by aquarium vet's company, ZooLife) after pathological investigations are performed, it is unacceptable for this practice to continue and that a separate dedicated veterinary laboratory work area must be used (see conditions). The only sink in the food prep area is also used for hand-washing: a separate hand wash basin is to be installed soon.

The food freezers in the plant room are in poor condition and should be replaced. The lid of the dark blue chest freezer is completely detachable due to broken hinges. The staff have checked that the temperature in the freezers is acceptable. The frozen food packs are not dated but staff use a stock rotation system and state that the frozen food turnover is about a month.

c. The local water authority has been approached for a discharge consent. Although relatively small volumes of medication are used, waste water is discharged directly into the sea. This issue should be pursued further.

d. The 'body freezer' in the plant room is unmarked and contained a few black sacs with cadavers and clinical waste. Although these are collected by Rentokil as and when necessary, the freezer must have a clearly visible sign stating 'clinical waste only', contain the waste in yellow biohazard plastic sacs and be used exclusively for clinical waste.

Post mortem examinations are occasionally performed by the aquarists and pathological samples taken for posting to laboratories. It is essential that there is a written Standard Operating Procedure (SOP) that complies with current postal regulations. Tissue samples that are not sent for further tests should be routinely fixed in an appropriate preservative, clearly labelled and stored correctly for future reference. This pathological reference collection will form an invaluable source of information for further investigations or research.

e. Some medicines in the lockable cabinet were past their expiry date. Some products were dated 2002 and were labelled with insufficient detail to comply with medicines legislation. A form should be signed by the director giving informed consent for the off-licence use of medicines to treat the fish at the aquarium.

f. Several small research projects are being carried out by the aquarists (seahorse breeding, coral propagation, live food cultivation). Others involve collaboration with the vet (nutrition studies) and a Phd student (genetic studies of seahorses). It is accepted that there are limitations to research projects in small aquaria with a small number of staff but the enthusiasm and knowledge of the aquarists was impressive. It is important for this to be encouraged and be given a higher profile and greater publicity through the web site, conference presentations or publishing in the hobby press. It is recommended that in future, articles containing research information is proof read carefully by the vet and other ethics committee members to ensure it conveys the correct positive approach.

It is recommended that there is a written euthanasia protocol which includes information and guidance on the safe and humane methods of euthanasia, together with drugs, dose rates, immersion times and determination of death.

Inspecting team's recommendation to the local authority

Having inspected (name of zoo)

on

the inspecting team make the following recommendation:

Please tick appropriate box

- it is recommended that a licence be refused
- it is recommended that the above collection be licensed in accordance with the Act subject to the Directive Conditions
- it is recommended that the above collection be licensed in accordance with the Act subject to the Directive Conditions and the following Additional Conditions.....
- it is recommended that the following alterations be made to the above collection's licence conditions

Additional conditions (if appropriate)

In view of the ongoing redevelopment within the building and the seasonal market, it is a condition of the licence that a dedicated post mortem area (with a work surface and separate hand washing facilities) is established within the next twelve months.

	Date signed
	28/04/2006

The Data Protection Act 1998

This form is intended for use by local authorities in England for administering the Zoo Licensing Act 1981 (Amendment) (England and Wales) Regulations 2002. Completed forms held by public authorities are subject to the provisions of the Freedom of Information Act 2000, the Environmental Information Regulations 2004 and

the Data Protection Act 1998. Copies of forms may be supplied to the Department for Environment, Food and Rural Affairs for the purpose of providing information on the administration of the Zoo Licensing Act 1981 (Amendment) (England and Wales) Regulations 2002.