



# APPENDIX



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# SECTION 1

## FOOD AND WATER

## SECTION 1: FOOD AND WATER

### 1.1 Water Access

Examples of watering systems:



Water bottle system  
Lixit Animal Care Products  
<http://www.lixit.com/>



Auto watering system  
Petmate  
PO Box 1246  
Arlington TX 76004  
<https://www.petmate.com/petmate-replendish-waterer-with-microban/product/24486>

MODEL  
**1200**  
AUTOMATIC DOG WATERER



Automatic dog waterer  
Nelson Manufacturing Company  
3049 12th Street .W.  
Cedar Rapids, IO 52406  
1-888-844-6606  
<https://www.nelsonmfg.com/dog-waterers/1200/>



Reservoir waterer  
Lion Country Supply  
P.O. Box 480  
Port Matilda, PA 16870  
1-800-662-5202  
<https://www.lcsupply.com/Poly-Double-Reservoir-Dog-Waterer/productinfo/PDRW/>



Coop cups  
King Wholesale Pet Supplies  
4013 Colusa Hwy  
Yuba City, CA 95993  
1-800-825-4647  
<https://kingwholesale.com/?s=coop+cups>

MODEL  
**10202**  
WATER BUCKET HEATER



Water bucket heater  
Nelson Manufacturing Company  
3049 12th Street .W.  
Cedar Rapids, IO 52406  
1-888-844-6606  
<https://www.nelsonmfg.com/dog-water-bucket-heaters/10202/>



Heated buckets  
Tractor Supply Co.  
5401 Virginia Way  
Brentwood, TN 37027  
877-718-6750  
<https://www.tractorsupply.com/tsc/product/api-heated-20-qt-flat-back-bucket>



## 1.2 Food Access

Below is a list of American veterinary colleges that offer nutrition support services:

### **Michigan State University Nutrition Support Service**

<http://35.8.208.155/hospital/services/nutrition-support-service-1>

### **Univ. of Missouri, College of Veterinary Medicine, Veterinary Medical Teaching Hospital**

<http://vhc.missouri.edu/small-animal-hospital/nutrition/>

### **Ohio State University**

Phone Consultations (614) 292-1221 or 292-3551

<https://vet.osu.edu/vmc/companion/our-services/nutrition-support-service>

### **Tufts Cummings School of Veterinary Medicine**

Nutritional consultations: Ph. (508) 839-5395 x 84696 | Fax: (800) 829-5690

### **University of California, Davis, School of Veterinary Medicine**

Phone Consultations (530) 752-1393 (pet owners and clients)

### **University of Tennessee**

Phone Consultations (865) 974-8387

### **VA-MD Regional College of Veterinary Medicine**

<http://vetmed.vt.edu/vth/nutrition.asp>

Phone: (540) 231-4621 | Fax: (540) 231-1676

For additional information about nutrition and feeding see also:

### **American Animal Hospital Association Nutritional Assessment Guidelines**

[https://www.aaha.org/public\\_documents/professional/guidelines/nutritionalassessmentguidelines.pdf](https://www.aaha.org/public_documents/professional/guidelines/nutritionalassessmentguidelines.pdf)

### **Nutrition Growing Puppies**

[http://www.vetmed.vt.edu/vth/sa/clin/cp\\_handouts/Nutrition\\_Growing\\_Puppy.pdf](http://www.vetmed.vt.edu/vth/sa/clin/cp_handouts/Nutrition_Growing_Puppy.pdf)

### **Care and Feeding of Your Pregnant Bitch**

<http://35.8.208.155/hospital/services/nutrition-support-service-1/client-education/care-and-feeding-for-your-pregnant-or-nursing-dog>

### **Enrichment Can Be Fun**

<http://35.8.208.155/hospital/services/nutrition-support-service-1/client-education/eating-can-be-fun-using-food-as-enrichment-for-your-pet>



## 1.3 Food Preparation

### Safe Handling of Commercially Prepared Pet Food and Pet Treats

<https://www.avma.org/KB/Policies/Pages/Safe-Handling-of-Commercially-Prepared-Pet-Food-and-Pet-Treats.aspx>

## 1.4 Feed Storage

Examples of food storage containers:



Gamma Vittles Vault  
Gamma2 Airtight Pet Food Containers  
service@gamma2.net  
<http://www.gamma2.net/>



Bergen Smart Storage  
Coastal Pet Products, Inc.  
911 Leadway Ave  
Alliance, OH 44601  
800-321-0248  
<http://www.coastalpet.com/products/product/bfs01.aspx>





# SECTION 2

## HOUSING

## SECTION 2: HOUSING

### 2.1 Shelter from the Elements

Examples of shelters:



Indigo dog house

Petmate

P.O. Box 1246

Arlington, Texas USA 76004-1246

<https://www.petmate.com/petmate-indigo-dog-house/product/25942>



Log house

Hayneedle Inc.

1-888-880-4884

[http://www.hayneedle.com/pets/dog-houses\\_172241](http://www.hayneedle.com/pets/dog-houses_172241)



Homemade option



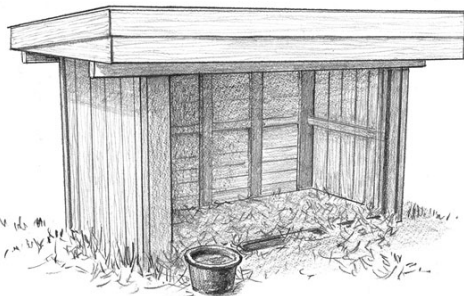
Homemade option



Homemade option



Homemade option



From the book Raising Goats for Dummies  
<http://www.dummies.com/home-garden/hobby-farming/raising-goats/ideas-for-building-inexpensive-goat-shelters/>



Quonset Hut from goat seeker.com  
<http://goatseeker.com/guides/quonset-hut-goat-shelters>

For free dog house plans see  
<https://www.care.com/c/stories/6162/20-best-and-free-diy-dog-house-plans-on-the-internet/>



## 2.3 Adequate Space

### **Promoting the Welfare of Kennel Dogs: Space Allocations and Exercise**

<https://extension.purdue.edu/extmedia/VA/VA-2-W.pdf>

### **The Guide for Care and Use of Laboratory Animals**

**Copies of this report are available from the National Academies Press**

500 Fifth Street NW

Lockbox 285, Washington, DC 20055

1-800-624-6242 or 1-202-334-3313

<http://www.nap.edu>

Electronic copy available at

<http://grants.nih.gov/grants/olaw/Guide-for-the-care-and-use-of-laboratory-animals.pdf>

### **Shelter Quality Protocol**

<http://www.carodog.eu/wp-content/uploads/2014/02/Shelter-Quality-Protocol-2014.pdf>

Or email [info@carodog.eu](mailto:info@carodog.eu)

## 2.4 Temperature, Humidity and Ventilation

### **How Much Ammonia is Too Much?**

[https://www.osha.gov/dte/grant\\_materials/fy09/sh-19489-09/fs4-howmuch2.pdf](https://www.osha.gov/dte/grant_materials/fy09/sh-19489-09/fs4-howmuch2.pdf)

### **Tech Notes Temperature and Humidity in Dog Kennels**

[http://www.aphis.usda.gov/animal\\_welfare/content/printable\\_version/Tech%20note%20-%20Temperature%20and%20Humidity%20in%20Dog%20Kennels-QA%20%20April%202013.pdf](http://www.aphis.usda.gov/animal_welfare/content/printable_version/Tech%20note%20-%20Temperature%20and%20Humidity%20in%20Dog%20Kennels-QA%20%20April%202013.pdf)

### **The Guide for the Care and Use of Laboratory Animals, 2011**

<http://grants.nih.gov/grants/olaw/guide-for-the-care-and-use-of-laboratory-animals.pdf>

### **Avoiding heat stress:**

#### **The Prevention and Management of Heat Stroke in Dogs**

<https://animalmedcenter.com/heat-stroke-dogs/>

**For information on monitoring systems, please see the Canine Care Certified *Environmental Testing* handout.**

## 2.5 Lighting

**For information on monitoring systems, please see the Canine Care Certified *Environmental Testing* handout.**



## 2.6 Noise Levels



Example of a treat bucket on a kennel door for use in rewarding calm behavior.

**For information on how to implement this in your kennel see *Treat Buckets- Rewarding Calm Behavior*, attached.**

**For information on monitoring systems, please see the *Canine Care Certified Environmental Testing* handout.**

### Noise Reduction Options

#### **eNoiseControl**

129 Penn Street  
Westfield, IN 46074  
1-317-774-1900  
Fax: 1-317-774-1911  
info@enoisecontrol.com  
<http://www.enoisecontrol.com/applications/kennel-noise-control/>

#### **NetWell Noise Control**

1-800-638-9355  
<http://www.controlnoise.com/soundproofing-a-kennel/>

#### **All Noise Control**

2731 Vista Parkway D-8  
WPB, FL 33411  
561-964-9360  
<http://www.allnoisecontrol.com/applications/animal-shelters/>



**Audimute**

Audimute Soundproofing  
23945 Mercantile Road, Suite H, Cleveland, OH 44122  
1-866-505-MUTE (6883)  
Fax: 866-809-5018  
info@audimutesoundproofing.com  
<https://www.audimute.com/sound-proof-dog-crate-cover>

## 2.7 Flooring

Examples of flooring substrate and providers

**Tenderfoot**

Manufactured by: Tandem Products, Inc.  
3444 Dight Avenue South, Minneapolis, MN 55406 USA  
1-800-533-0509 or 1-612-721-2911  
Fax: 612-721-100  
info@tandemproducts.com  
<http://www.tenderfootproducts.com/>

**Rubber matting**

J. and J. Dog Supplies, Inc.  
975 Ford St.  
Colorado Springs, CO 80915  
1-800-642-2050 or 1-719-434-5980  
Fax: 719-380-9730 (24-hours)!  
sales@jjdog.com  
<https://www.jjdog.com/dog-show-matting>

**PVC coated wire**

Martin's Cages  
4554 Marietta Avenue  
Columbia, PA 17512  
1-888-451-2234 or 1-717-684-1864  
FAX: 717-684-1868  
<http://www.martinscages.com/products/wire/pvc-coated.htm>

## 2.9 Cleaning of Enclosure

**Sanitation in Animal Shelters**

<https://www.sheltermedicine.com/library/resources/sanitation-in-animal-shelters>

## 2.10 Pest, Rodents and Vermin

**Safe Ways to Control Pests Around Your House**

<http://www.nrdc.org/health/pesticides/gpests.asp>



Examples of pest control:

|  |  |
|--|--|
|  <p>Spalding Fly Predators<br/>800-624-6378<br/><a href="https://www.gundogsupply.com/fly-predators.html">https://www.gundogsupply.com/fly-predators.html</a></p> |  <p>Bird-X YG Yard Gard<br/>Ultrasonic Animal Repeller<br/><a href="http://www.yardguard.com/">http://www.yardguard.com/</a></p> |
|--|--|

## 2.11 Social Housing

**For information on how to start and manage a play group, please see *Doggie Social Hour*, attached.**

## 2.12 Temporary Holding Area

Examples of temporary holding areas:

|   |   |
|---|---|
|  <p>Top Paw Exercise Pen<br/><a href="https://www.petsmart.com/dog/crates-gates-and-containment/houses-and-pens/top-paw-exercise-pen-6848.html">https://www.petsmart.com/dog/crates-gates-and-containment/houses-and-pens/top-paw-exercise-pen-6848.html</a></p> |  <p>Midwest Ovation Dog Crate<br/><a href="https://www.petsmart.com/dog/crates-gates-and-containment/carriers-and-crates/midwest-ovation-dog-crate-7144.html">https://www.petsmart.com/dog/crates-gates-and-containment/carriers-and-crates/midwest-ovation-dog-crate-7144.html</a></p> |
|---|---|





Examples of temporary holding areas:



Empty Run



Pet Mate Vari-Kennel  
<https://www.petco.com/shop/en/petcostore/product/petmate-ultra-vari-dog-kennel>

## 2.14 Outdoor Access

Examples of how to provide outdoor access:



Magnador Dog Doors  
for Doors & Kennels  
202 Tank Farm Road, Suite F1  
San Luis Obispo, California 93401  
[sales@petdoors.com](mailto:sales@petdoors.com)  
<https://www.petdoors.com/>



Fox Run Sheds  
399 Route 31 South  
Washington, NJ 07822  
908-689-7999  
[info@foxrunsheds.com](mailto:info@foxrunsheds.com)  
<http://www.foxrunsheds.com/>

## 2.16 Exercise and Exercise Areas:

### K-State Veterinary Recommendations

<http://www.k-state.edu/media/newsreleases/sept09/petexercise90809.html>

### Promoting the Welfare of Kenneled Dogs: Space Allocations and Exercise

<https://extension.purdue.edu/extmedia/VA/VA-2-W.pdf>



## Examples of exercise areas indoor and outdoor





*2 p. pdf "Treat Buckets - Rewarding Calm Behavior"*  
*15 p. pdf "Doggie Social Hour Manual"*



# SECTION 3

## HEALTH CARE

## SECTION 3: HEALTH CARE

### General Care Resources

#### AVMA Companion Animal Care Guidelines

<https://www.avma.org/KB/Policies/Pages/Companion-Animal-Care-Guidelines.aspx>

\*Refer to your state veterinary medical associations for additional guidelines.

#### State Veterinary Medical Associations

<https://www.avma.org/Advocacy/StateAndLocal/StateVMA/Pages/default.aspx>

### 3.2 Veterinary Care

#### AAHA-AVMA Canine Preventive Healthcare Guidelines

<https://www.avma.org/KB/Policies/Pages/AAHA-AVMA-Canine-Preventive-Healthcare-Guidelines.aspx>

#### AAHA Canine Vaccination Guidelines

[https://www.aaha.org/guidelines/canine\\_vaccination\\_guidelines.aspx](https://www.aaha.org/guidelines/canine_vaccination_guidelines.aspx)

#### AAHA Canine Life Stage Guidelines

[https://www.aaha.org/public\\_documents/professional/guidelines/canine\\_guidelines\\_toolkit\\_booklet.pdf](https://www.aaha.org/public_documents/professional/guidelines/canine_guidelines_toolkit_booklet.pdf)

### 3.3 Preventative Health Care

#### INTESTINAL PARASITES

##### AVMA- Dogs' Social Lives and Disease Risks

[https://www.avma.org/public/PetCare/Documents/disease\\_risks\\_dogs.pdf](https://www.avma.org/public/PetCare/Documents/disease_risks_dogs.pdf)

##### AAHA-AVMA Canine Preventive Healthcare Guidelines

[https://www.avma.org/KB/Resources/Documents/caninepreventiveguidelines\\_ppph.pdf](https://www.avma.org/KB/Resources/Documents/caninepreventiveguidelines_ppph.pdf)

#### HEARTWORM

##### Heartworm in Dogs

<https://www.heartwormsociety.org/pet-owner-resources/heartworm-basics>

##### Frequently Asked Questions about Heartworm Preventative

<https://vet.purdue.edu/vth/sacp/general-tips.php#6>

##### Fleas and Ticks: Controlling Fleas and Ticks on Your Pet

<http://www2.epa.gov/pets/controlling-fleas-and-ticks-your-pet>

##### Link to Video Essentials of Flea and Tick Control

<https://www.youtube.com/watch?v=ynEMFFj-PSM>



### **Safe use of flea and tick preventive products**

<https://www.avma.org/public/PetCare/Pages/Safe-use-of-flea-and-tick-preventive-products.aspx>

### **DENTAL CARE**

#### **AVDC Home Dental Care for Dogs**

<http://www.avdc.org/carefordogs.html>

#### **AVDC Periodontal Disease**

<http://www.avdc.org/periodontaldisease.html>

#### **Veterinary Dental Healthcare Providers**

<http://www.avdc.org/statements.html>

#### **Companion Animal Dental Scaling Without Anesthesia**

[http://avdc.org/Dental\\_Scaling\\_Without\\_Anesthesia.pdf](http://avdc.org/Dental_Scaling_Without_Anesthesia.pdf)

### **NAIL TRIMMING**

#### **Dog Nail Trim: Training a Dog to Enjoy Toenail Trims**

[http://drsophiayin.com/videos/entry/training\\_a\\_dog\\_to\\_enjoy\\_toenail\\_trims](http://drsophiayin.com/videos/entry/training_a_dog_to_enjoy_toenail_trims)

#### **Train Your Pet to Love Grooming and Nail Trims**

<http://www.pethealthnetwork.com/dog-health/dog-grooming/train-your-pet-love-grooming-and-nail-trims>

## **3.4 Surgery**

### **SURGICAL PROCEDURES BY NON-VETERINARY STUDENTS**

#### **AVMA Position Statement**

<https://www.avma.org/KB/Policies/Pages/Surgical-Procedures-by-Non-Veterinary-Students.aspx>

It is the opinion of the American Veterinary Medical Association that surgery performed for non-research purposes on any animal is the practice of veterinary medicine that requires extensive knowledge of anatomy, physiology, pathology, and medicine. Therefore, instruction of NONVETERINARY students in surgical procedures is not advocated. If such instruction is provided, surgery should be performed only:

- within the context of a structured course of study administered by a post-secondary institution,
- under direct veterinary supervision (i.e. with the veterinarian physically present) and
- with prior approval of the appropriate Institutional Animal Care and Use Committee (IACUC).

### **TAIL DOCKING**

#### **AVMA Position Statement**

<https://www.avma.org/KB/Policies/Pages/Ear-Cropping-and-Tail-Docking-of-Dogs.aspx>

The AVMA opposes ear cropping and tail docking of dogs when done solely for cosmetic purposes. The AVMA encourages the elimination of ear cropping and tail docking from breed standards.

#### **Literature Review on the Welfare Implications of Tail Docking-Dogs**

[https://www.avma.org/KB/Resources/LiteratureReviews/Documents/dogs\\_tail\\_docking\\_bgnd.pdf](https://www.avma.org/KB/Resources/LiteratureReviews/Documents/dogs_tail_docking_bgnd.pdf)



### **Tail Docking FAQ**

<https://www.avma.org/KB/Resources/FAQs/Pages/Frequently-asked-questions-about-caninetail-docking.aspx>

### **History of Policy on Ear Cropping and Tail Docking of Dogs**

[https://www.avma.org/KB/Resources/Reference/AnimalWelfare/Documents/tail\\_docking\\_history.pdf](https://www.avma.org/KB/Resources/Reference/AnimalWelfare/Documents/tail_docking_history.pdf)

### **EAR CROPPING**

#### **Literature Review on the Welfare Implications of Ear Cropping-Dogs**

[https://www.avma.org/KB/Resources/LiteratureReviews/Documents/dogs\\_ear\\_cropping\\_bgnd.pdf](https://www.avma.org/KB/Resources/LiteratureReviews/Documents/dogs_ear_cropping_bgnd.pdf)

#### **Ear Cropping and Canine Otitis Externa FAQ**

<https://www.avma.org/KB/Resources/FAQs/Pages/Frequently-asked-questions-about-ear-cropping-and-canine-otitis-externa.aspx>

### **SFT/ACT POSITION STATEMENTS**

#### **Society for Theriogenology**

<http://www.therio.org/>

#### **American College of Theriogenologists**

<http://www.theriogenology.org/>

#### **Basis for Position on Mandatory Spay-Neuter in the Canine and Feline**

[https://cdn.ymaws.com/www.theriogenology.org/resource/resmgr/Docs/spay-neuter\\_basis.pdf](https://cdn.ymaws.com/www.theriogenology.org/resource/resmgr/Docs/spay-neuter_basis.pdf)

## **3.5- 3.6 Brucellosis**

### **Canine Brucellosis: *Brucella canis***

[http://www.cfsph.iastate.edu/Factsheets/pdfs/brucellosis\\_canis.pdf](http://www.cfsph.iastate.edu/Factsheets/pdfs/brucellosis_canis.pdf)

### **AVMA Brucellosis Policy**

<https://www.avma.org/KB/Policies/Pages/Brucellosis-Policy.aspx>

### **AKC Brucellosis**

<http://www.akcchf.org/canine-health/top-health-concerns/current-topics-in-infectious-disease/Canine-Brucellosis-Fact-Sheet-Fact-Sheet-For-Dog-Owners.pdf>

### **Best Practices for *Brucella canis* Prevention and Control in Dog Breeding Facilities**

[https://www.aphis.usda.gov/animal\\_welfare/downloads/brucella\\_canis\\_prevention.pdf](https://www.aphis.usda.gov/animal_welfare/downloads/brucella_canis_prevention.pdf)

### **Brucellosis Reference Guide: Exposures, Testing, And Prevention**

<https://www.cdc.gov/brucellosis/pdf/brucellosi-reference-guide.pdf>

### **Public Health Implications of *Brucella canis* Infections in Humans**

<http://nasphv.org/Documents/BrucellaCanisInHumans.pdf>



# **SECTION 4**

**GENETIC SELECTION &  
BREEDING PRACTICES**

## SECTION 4: GENETIC SELECTION & BREEDING PRACTICES

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### 4.1 Genetic Selection

#### Canine Genetics and Epidemiology Journal

<http://www.cgejournal.org/>

#### UFAW Breed Specific Information about Known Genetic Conditions

<https://www.ufaw.org.uk/dogs/dogs>

#### Dog Breed Health Website

<http://www.dogbreedhealth.com/>

#### Although Purebred Dogs can be Best in Show, Are They Worst in Health?

<https://www.scientificamerican.com/article/although-purebred-dogs-can-be-best-in-show-are-they-worst-in-health/>

#### HERITABLE HEALTH DEFECTS

##### University of Cambridge Data Base Of Known Heritable Diseases In Dogs (searchable)

<http://www.vet.cam.ac.uk/idid/>

#### Conformation Related Welfare Problems

<http://www.dogbreedhealth.com/conformation-related-welfare-problems/>

#### University of Prince Edward Island Canine Inherited Disorders Database

<http://ic.upei.ca/cidd/>

#### AKC Responsible Breeding Practices

<http://www.akc.org/dog-breeders/responsible-breeding/steps-5/>

#### AKC Canine Health Foundation

<http://www.akcCHF.org/>

**For more information on heritable health defects, please see *How are Defects Inherited?* and *What is a Genetic Disorder?*, attached.**

#### GENETIC TESTING RESOURCES

##### Orthopedic Foundation for Animals

<https://www.ofa.org/>

#### Canine Eye Registration Foundation

<http://www.caninehealthinfo.org/cerfinfo.html>



## **SCREENING LABS**

### **OptiGen LLC**

Cornell Business and Technology Park  
767 Warren Rd, Suite 300  
Ithaca, NY 14850  
1-607-257-0301  
Fax: 1-607-257-0353  
genetest@optigen.com  
<http://www.optigen.com/>

### **PennGen**

School of Veterinary Medicine  
University of Pennsylvania  
3900 Delancey Street  
Philadelphia, PA 19104  
Fax: 1-215-573-2162  
PennGen@vet.upenn.edu  
<http://research.vet.upenn.edu/Default.aspx?TabId=7620>

### **CGD Network**

University of Missouri College of Veterinary Medicine  
321 Connaway Hall  
Columbia, Missouri 65211  
1-573-884-3712  
Fax: 1-573-884-5414  
<http://www.caninegeneticdiseases.net/DNAtests/TESTmain.htm>

### **Animal Genetics, INC**

1336 Timberlane Rd  
Tallahassee, FL 32312-1766  
1-800-386-1145  
contact@animalgenetics.us  
[https://www.animalgenetics.us/Canine/Canine\\_Index.asp](https://www.animalgenetics.us/Canine/Canine_Index.asp)

### **VetGen**

3728 Plaza Drive, Suite 1  
Ann Arbor, Michigan, 48108, USA  
1-734-669-8440, 1-800-483-8436  
Fax: 1-734-669-8441  
vetgen@vetgen.com  
[www.vetgen.com](http://www.vetgen.com)

### **Pawprint Genetics Cheek Swab**

850 E. Spokane Falls Blvd. Suite 200  
Spokane, WA 99202  
1-509-483-5950, 1-855-202-4889  
AskUs@pawprintgenetics.com  
<https://www.pawprintgenetics.com/samples/>





## 4.2 SFT/ACT Recommendations

### **Society for Theriogenology**

<http://www.therio.org/>

### **American College of Theriogenologists**

<http://www.theriogenology.org/>

### **Evaluation for the Breeding Soundness of Animals**

<https://www.theriogenology.org/page/PositionStatements#Breeding>

### **The Welfare of Breeding Dogs**

<https://www.theriogenology.org/page/PositionStatements#Welfare> The American College of Theriogenologists and Society for Theriogenology promote the breeding of healthy, genetically

superior dogs to maintain a diverse canine population that meets the needs of society for companion dogs and working dogs. The College and Society support practices to promote optimal health of all breeding dogs. Purpose-bred dogs are maintained subject to regulation by institutional and government agencies, while similar guidelines for non-institutional breeders are lacking. This position statement refers to care and management of breeding of dogs intended for personal ownership. It is the position of the ACT and SFT that:

- Animals must be provided water, food, proper handling, health care, and environments appropriate to their species and use, and should be cared for in ways that prevent and minimize fear, pain, distress, and suffering.
- Specifically, all breeding animals should be housed in clean, properly sized facilities that permit them to express normal behavior, include environmental enrichment, and are appropriate for stage of life. Male and female dogs may be co-housed in social units except for those times when bitches are in estrus. Specific attention to individual temperament to avoid inter-animal aggression is required. Regular observation of and interaction with dogs by handlers must occur.
- Dogs should have access to a balanced diet that is appropriate for their life stage and fed to them in a manner that will permit them to maintain a body condition score (BCS) of 4 or 5 out of 9, excepting certain breeds of dogs such as sight hounds that are naturally lean in body type. Fresh water should be available. Dogs should have routine health care and disease prophylaxis including regular veterinary examination, vaccination, internal and external parasite control, dental care and coat care when applicable.
- Dogs intended for breeding should be evaluated for hereditary disorders before being bred. Owners of breeding dogs should develop a breeding plan with a veterinarian to minimize or eliminate production of puppies with hereditary defects.
- All dogs intended for breeding should be appropriately tested for canine brucellosis to prevent spread of this disease. At a minimum, both members of a breeding pair should be tested prior to each breeding. All dogs intended for breeding should be regularly tested for canine brucellosis, either at the time of breeding or every six months.
- Intact male dogs should be regularly evaluated by a veterinarian for prostate and testicular disease. Bitches should be regularly evaluated by a veterinarian for pyometra and mammary neoplasia. Decisions about when to spay or castrate individual dogs and bitches no longer intended for breeding should be made with the counsel of a veterinarian.
- Bitches should not be bred before they are physically mature and should not be bred on the first estrous cycle without the advice of a veterinarian.
- Bitches may be bred on consecutive estrous cycles if they maintain or regain their breed appropriate body condition and are deemed healthy on the basis of veterinarian examination prior to the onset of the next proestrus.



## 4.3 Breeding Age

### The Kennel Club: Breeding from Your Dog

<https://www.thekennelclub.org.uk/media/8261/breeding.pdf>

**For more information on breeding, please see *Recommendations for Breeding and the Pregnant Bitch*, attached.**

## 4.6 Inbreeding

### Extent Of Inbreeding Of Pedigree Dogs Revealed In New Study

<http://phys.org/news/2008-08-extent-inbreeding-pedigree-dogs-revealed.html>

### Understanding Genetics: Relatedness

<http://genetics.thetech.org/ask-a-geneticist/dog-inbreeding>

### Dogs That Changed The World: Selective Breeding Problems

<http://www.pbs.org/wnet/nature/dogs-that-changed-the-world-selective-breedingproblems/1281/>

## 4.7 Reproductive Health

### Canine Reproductive Diseases

[https://www.stca.biz/~stca/index.php?option=com\\_content&view=article&id=576:caninereproductive-diseases&catid=322:reproduction-birthing-and-neonatal-care&Itemid=100](https://www.stca.biz/~stca/index.php?option=com_content&view=article&id=576:caninereproductive-diseases&catid=322:reproduction-birthing-and-neonatal-care&Itemid=100)

### Pyometra

<https://vcahospitals.com/know-your-pet/pyometra-in-dogs>

### Canine Mammary Tumors

<https://vet.osu.edu/vmc/companion/our-services/oncology-and-hematology/common-tumor-types/canine-mammary-tumors>

### Sexually Transmitted Diseases

<http://www.vetinfo.com/sexually-transmitted-disease-dogs.html#b>

### Canine Herpes Virus

<http://pets.webmd.com/dogs/canine-herpes-virus>

## 4.14 Maternal Stress

### Effects of Maternal Stress and Anxiety During Pregnancy

<http://www.psychiatry.emory.edu/PROGRAMS/GADrug/Feature%20Articles/Mothers/The%20effects%20of%20maternal%20stress%20and%20anxiety%20during%20pregnancy%20%28mot07%29.pdf>

### How a Mother's Stress can Influence Unborn Puppies

[https://www.whole-dog-journal.com/issues/17\\_11/features/How-a-Mothers-Stress-can-Influence-Unborn-Puppies\\_21078-1.html](https://www.whole-dog-journal.com/issues/17_11/features/How-a-Mothers-Stress-can-Influence-Unborn-Puppies_21078-1.html)



## 4.16 Peri-Partum Monitoring

### **Pregnancy And Whelping In Dogs**

<http://www.victorandgoolwavets.com.au/Portals/SouthCoastVetCare/Pregnancy%20and%20Whelping%20in%20Dogs.pdf>

### **Postpartum Disorders In Bitches, Queens, And Neonates**

<http://veterinarycalendar.dvm360.com/postpartum-disorders-bitches-queens-and-neonates-proceedings>



*3 p. pdf "How are defects inherited?"*

*1p pdf "What is a genetic disorder?"*

*2 p pdf "Recommendations for Breeding and Pregnant Bitches"*



# SECTION 5

## PUPPIES

## SECTION 5: PUPPIES

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### 5.2 Puppy Records

#### AKC Online record keeping system

<http://www.akc.org/dog-breeders/online-record-keeping/>

#### EXAMPLES OF RECORD KEEPING FORMS

##### Puppy Data Sheet

<http://www.icelanddogs.com/puppyrec.pdf>

##### Whelping Chart / Perpetual Whelping Chart / Litter Weight Record

<http://www.ezwhelp.com/WhelpingForms.htm>

##### Pet Health Record

<https://images.template.net/wp-content/uploads/2015/10/09201413/Pet-Medical-Chart-Template-Free-PDF-Download.pdf>

**For more information on record keeping, please see the *Canine Care Certified Record Keeping Preparation for Audit* handout.**

### 5.3 Weaning

#### A Guide to Weaning Puppies

<https://www.vetinfo.com/guide-weaning-puppies.html#b>

### 5.4 Puppy Feeding

#### Optimal Feeding of Large Breed Puppies

<http://www.lgd.org/library/Optimal%20feeding%20of%20large%20breed%20puppies.pdf>

#### Feeding Large Breed Puppies

<http://www.ivcjournal.com/articles/feeding-large-breed-puppies/>

#### Growing Puppy Nutrition and Exercise

<http://www.veterinarypartner.com/Content.plx?P=A&C=23&A=3501&S=0>

### 5.5 Removal from Litter

#### Puppies Taken From Litter Too Soon Develop Behavior Problems As Adults

<https://healthypets.mercola.com/sites/healthypets/archive/2011/09/29/puppies-taken-from-litter-too-soon-develop-behavior-problems-as-adults.aspx>

#### Puppy Socialization and Bite Inhibition

<http://moderndogmagazine.com/articles/puppy-socialization-and-bite-inhibition/271>



## 5.7 Puppy Identification

### Identification Methods for Dogs and Cats

<http://www.icam-coalition.org/downloads/identification%20methods%20for%20dogs%20and%20cats.pdf>

### TATTOOS

#### Tattoo a Pet International

6571 S.W. 20th Ct.  
Ft. Lauderdale FL 33317  
1-954-581-5834, 1-800-TATTOOS (828-8667)  
jmoscove@aol.com  
<http://www.tattoo-a-pet.com/>

#### Video of Tattoo

[http://www.youtube.com/watch?v=SO3ztX\\_FbGw](http://www.youtube.com/watch?v=SO3ztX_FbGw)

### MICROCHIPS

#### The MicroChip ID

2199 Manton Dr  
Covington, LA 71433  
1-800-434-2843  
<http://www.microchipidsystems.com/>

#### Home Again

1-888-HOMEAGAIN (1-888-466-3242)  
customerservice@homeagain.com  
<http://public.homeagain.com/contact.html>

#### Petfinder.com

<https://www.petfinder.com/dogs/lost-and-found-dogs/microchip-faqs/>

### ID COLLARS

#### Puppies in Bloom ID Bands

<http://www.puppiesinbloom.com/>

#### PupColors Identification Bands

1-877-745-0031  
<https://pupcolors.com/>

### DNA TESTING

#### DDC Veterinary

One DDC Way  
Fairfield, OH 45014  
1-800-625-0874  
contact@vetdnacenter.com  
<https://vetdnacenter.com/dna-tests/canine-dna-testing/canine-dna-profiling/>



## 5.7 Puppy Identification

### **Bio Pet Vet Lab**

6701 Baum Dr, Suite 110

Knoxville, TN 37919

1-865-546-2862, 1-866-883-7389

Fax: 1-865-971-1969

info@biopetvetlab.com

<http://www.biopetvetlab.com/>

### **Pawprint Genetics**

850 E. Spokane Falls Blvd. Suite 200

Spokane, WA 99202

1-509-483-5950, 1-855-202-4889

AskUs@pawprintgenetics.com

<https://www.pawprintgenetics.com/parentage/product-select/>

### **OptiGen LLC**

Cornell Business and Technology Park

767 Warren Rd, Suite 300

Ithaca, NY 14850

1-607-257-0301

Fax: 1-607-257-0353

genetest@optigen.com

<http://www.optigen.com/>





# **SECTION 6**

**JUVENILE DOGS RETAINED OR  
PURCHASED FOR BREEDING**

# **SECTION 7**

## **BEHAVIORAL WELLNESS**

## SECTION 7: BEHAVIORAL WELLNESS

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### 7.1 Behavior Problem Prevention

**For more information on problem behavior prevention, please see the Canine Care Certified *Adult Behavior Wellness Checklist* handout.**

### 7.2 Socialization

**For more information on problem behavior prevention, please see the Canine Care Certified handout *Adult Dog Social Activity Checklist*, and the attached documents *Scavenger Hunt for Puppies*, *Behavioral Indicators of Lack of Socialization in the Dog*, and *Body Language of Fear in Dogs*.**

### 7.3 Puppy Socialization

**Common sounds that can be used for desensitization of puppies (mp3)**  
<http://www.ezwhelp.com/WhelpingForms.htm>

**For more information on problem behavior prevention, please see the Canine Care Certified *Puppy Socialization Checklist* handout.**

### 7.6 Environmental Enrichment

**Canine Enrichment**  
<https://www.texasvetbehavior.com/s/Canine-Enrichment.doc>

**For more information on problem behavior prevention, please see the Canine Care Certified *Canine Enrichment Log* handout.**

### 7.7 Animal Handling and Caretaker Interaction with Dogs and Puppies

**For more information on problem behavior prevention, please see the Canine Care Certified *Adult Body Handling Checklist* handout.**

### 7.8 Problem Behavior Intervention

**For more information on problem behavior prevention, please see the Canine Care Certified handouts *Fearful Dog Behavior Modification Plan* and *Fearful Dog Checklist*.**



## **AVSAB POSITION STATEMENTS**

### **American Veterinary Society of Animal Behavior**

<https://avsab.org/>

### **The Use of Punishment for Behavior Modification in Animals**

[http://avsabonline.org/uploads/position\\_statements/Punishment\\_Position\\_Statement-download\\_-\\_10-6-14.pdf](http://avsabonline.org/uploads/position_statements/Punishment_Position_Statement-download_-_10-6-14.pdf)

### **The Use of Dominance Theory in Behavior Modification of Animals**

[http://avsabonline.org/uploads/position\\_statements/Dominance\\_Position\\_Statement\\_download\\_-\\_10-3-14.pdf](http://avsabonline.org/uploads/position_statements/Dominance_Position_Statement_download_-_10-3-14.pdf)

### **Puppy Socialization**

[http://avsabonline.org/uploads/position\\_statements/Puppy\\_Socialization\\_Position\\_download\\_-\\_10-4-14.pdf](http://avsabonline.org/uploads/position_statements/Puppy_Socialization_Position_download_-_10-4-14.pdf)

### **What is a Behavior Professional?**

<http://avsabonline.org/blog/view/what-is-a-behavior-professional>



**1p PDF: scavenger hunt for puppies**

**1p PDF: Body Language of Fear in Dogs, Dr. Yin**



# SECTION 8

## EUTHANASIA

## SECTION 8: EUTHANASIA

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### 8.1 Euthanasia

**For more information on euthanasia, please see *AAVMA Euthanasia policy executive summary*, attached.**

**AVMA Euthanasia Policy (full text)**

<https://www.avma.org/KB/Policies/Pages/Euthanasia-Guidelines.aspx>

**Summary of State Laws**

<https://www.avma.org/Advocacy/StateAndLocal/Pages/euthanasia-laws.aspx>

### 8.2 Convenience Euthanasia

**3 Reasons for Putting a Dog to Sleep**

<http://www.vetinfo.com/reasons-putting-dog-to-sleep.html#b>

**Euthanasia for Behavioral Reasons**

<http://vet.osu.edu/vmc/sites/default/files/import/files/documents/pdf/vmc/Behavioral%20Euthanasia%20fact%20sheet.pdf>



## **AVMA GUIDELINES FOR THE EUTHANASIA OF ANIMALS (2013 EDITION): EXECUTIVE SUMMARY**

### **HISTORY OF THE PANEL ON EUTHANASIA**

The AVMA Panel on Euthanasia (POE) was first convened in 1963 to create guidelines for veterinarians who carry out or oversee the euthanasia of animals. As the guidelines have become increasingly influential, and in some cases recognized as a legal standard, the specificity and scope of the guidelines have broadened with subsequent editions. Over time, revisions to the document have included coverage of more methods and species, information about animals' physiologic and behavioral responses to euthanasia, euthanasia's effects on those performing and observing it, and the economic feasibility and environmental impacts of various approaches. The AVMA Guidelines for the Euthanasia of Animals (2013 Edition) was created by a greatly expanded group of experts having diverse expertise and experience in the various facets and applications of euthanasia. The Guidelines are the result of more than 3 years of deliberation by more than 60 individuals, including veterinarians, animal scientists, behaviorists, psychologists, and an animal ethicist. A comment period allowed AVMA members an opportunity to provide input and share their experiences directly with POE members. The POE remains as an AVMA entity, with oversight by the AVMA's Animal Welfare Committee, to consider responses to questions, new data, and future updates.

### **SUBSTANTIVE CHANGES SINCE THE 2007 EDITION**

#### **SPECIES-SPECIFIC SECTIONS**

In addition to the sections describing various techniques in detail (inhaled, noninhaled and physical methods), specific advice is provided for the euthanasia of companion animals, laboratory animals, animals farmed for food and fiber, equids, avians, fish and aquatic invertebrates, and captive and free-ranging nondomestic animals. Recommendations relating to a particular species may be located within the guidelines by using Appendix 1 "Agents and methods of euthanasia by species," which references the section(s) within the document that should be consulted. New figures and tables provide helpful guidance in the application of specific techniques.

#### **WIDER CONSIDERATIONS**

Information has been included about key concerns outside of the immediate performance of a euthanasia technique (i.e., euthanasia is approached as a process, rather than as an isolated event). This includes advice on ethical decision making, consideration of the various environments in which euthanasia is conducted, handling of animals, confirmation of death, and disposal of animal remains. Collection of animals for scientific investigations, euthanasia of injured or diseased wildlife, and handling of animals under field conditions are also addressed.

#### **SLAUGHTER AND DEPOPULATION IN SEPARATE DOCUMENTS**

One area identified as needing additional guidance upon review of the last iteration of the guidelines was depopulation (ie, the rapid destruction of large numbers of animals in response to emergencies, such as the control of catastrophic infectious diseases or exigent situations caused by natural disasters). Depopulation may employ euthanasia techniques, but not all depopulation methods meet the criteria for euthanasia. Because they do not always meet the criteria for euthanasia, these techniques will be addressed in a separate document, the AVMA Guidelines for the Depopulation of Animals. Similarly, because methods used for slaughter may also not meet all the conditions necessary to be deemed euthanasia, these techniques will be addressed by a third document, the AVMA Guidelines for the Humane Slaughter of Animals.

#### **'CONDITIONALLY ACCEPTABLE' REPLACED WITH 'ACCEPTABLE WITH CONDITIONS'**

Techniques are categorized as 'acceptable', 'acceptable with conditions', or 'unacceptable'. The replacement of 'conditionally acceptable' with 'acceptable with conditions' is intended to signal that 'acceptable' and 'acceptable with conditions' techniques are to be considered equally satisfactory so long as the stated conditions are met.





# **SECTION 9**

## **STAFFING & CARETAKER EDUCATION**

# **SECTION 10**

## **EMERGENCY/CONTINGENCY PLAN**

## SECTION 10 EMERGENCY/CONTINGENCY PLAN

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### 10.1 Emergency Plan

#### **USDA Animal Welfare Information Center**

##### **Office of Laboratory Animal Welfare- Disaster Planning and Response Resources**

<https://www.nal.usda.gov/awic/disaster-planning>

#### **Cornell Animals in Emergencies**

<http://eden.cce.cornell.edu/family/Pages/AnimalsinEmergencies.aspx>

#### **AHA Emergency Services**

<http://www.americanhumane.org/animals/programs/emergency-services/>

#### **Caring for Animals**

<http://www.ready.gov/caring-animals>

#### **University of California, Division of Agriculture, Veterinary Medicine Extension Disaster Plan**

<http://www.wifss.ucdavis.edu/wp-content/uploads/documents/disasterPreparedness/DANRGuide2.pdf>

#### **Pet Disaster Preparedness**

<http://www.redrover.org/pet-disaster-preparedness>

#### **Disaster Preparedness Checklist**

[https://redrover.org/wp-content/uploads/legacy/Responders/RR\\_disaster\\_checklist\\_0514.pdf](https://redrover.org/wp-content/uploads/legacy/Responders/RR_disaster_checklist_0514.pdf)

**For an example disaster preparation plan, please see *Is Your Kennel Ready?*, attached.**



# ??p PDF: Is Your Kennel Ready??



# **SECTION 11**

## **RECORD KEEPING**

## SECTION 11 RECORD KEEPING

### 11.1 Health and Breeding Records

#### Reviews of Kennel software products

<http://www.capterra.com/kennel-software/>

#### RECORD KEEPING SOFTWARE

##### BreedMate Pedigree Software

Po Box 2398

Carlingford Court

NSW, 2118, Australia

011-61-2-9876-3926

[support@breedmate.com](mailto:support@breedmate.com)

<http://www.breedmate.com/>

##### ZooEasy Breeding Software

[info@zooeasy.com](mailto:info@zooeasy.com)

<http://standalone.zooeasy.com/en/pedigree-software/breeding-dogs/breeders/index.html>

##### Ranch Manager: Canine Edition

Lion Edge Technologies

7663 S. Duquesne Way

Aurora, CO 80016

1-720-870-5086

<http://www.lionedge.com>

#### HEALTH RECORD - refer to section 5.2 of Canine Care Certified Appendix

##### Pet Health Record

<https://images.template.net/wp-content/uploads/2015/10/09201413/Pet-Medical-Chart-Template-Free-PDF-Download.pdf>

##### Canine Vaccination Record

<http://www.twocolorskennel.com/Canine-Vaccination-Record.pdf>

#### BREEDING RECORD

##### AKC Litter Record

<http://www.akc.org/pdfs/DogRecord.pdf>

##### AKC Online Record Keeping System

<http://www.akc.org/dog-breeders/online-record-keeping/>



# **SECTION 12**

## **BREEDING FACILITY SITE VISITS**

## SECTION 12 BREEDING FACILITY SITE VISITS

### 12.1 Kennel Visits

#### Information on Biosecurity

##### Compendium of Veterinary Standard Precautions: Zoonotic disease prevention in veterinary personnel

[http://www.cfsph.iastate.edu/Infection\\_Control/Clinics/CompendiumofVeterinaryStandardPrecautions.pdf](http://www.cfsph.iastate.edu/Infection_Control/Clinics/CompendiumofVeterinaryStandardPrecautions.pdf)

#### WEBCAMS

##### Online Doggy

17011 Lincoln Ave. #521

Parker, CO 80134

1-303-805-4043

[sales@onlinedoggy.com](mailto:sales@onlinedoggy.com)

<http://www.onlinedoggy.com/>

##### iDogCam

1-424-229-2146

[info@idogcam.com](mailto:info@idogcam.com)

<http://www.idogcam.com/>





# **SECTION 13**

**PLACEMENT/SALE**

## SECTION 13 PLACEMENT/SALE

### 13.1 Minimum Age of Sale

For more information on minimum age of sale, please refer to section 5.3 and 5.5 of this appendix.

### 13.2 Full Disclosure

#### Pet Purchase Protection Laws

<https://www.avma.org/Advocacy/StateAndLocal/Pages/petlemonlaws.aspx>

#### Lemon Laws

<https://www.animallaw.info/intro/petpurchaserprotectionpuppylemonlaws>

### 13.4 Microchips

For more information on microchips, please refer to section 5.7 of this appendix.



# **SECTION 14**

## **REHOMING PROGRAM**

## SECTION 14 REHOMING PROGRAM

### 14.3 Appropriate Placement Options

**For more information on problem behavior prevention, please see the Canine Care Certified *Retired Breeder Placement Form* handout.**



# **SECTION 15**

## **INDEPENDENT (THIRD PARTY) AUDITS**