

## Appendix B

The following list represents 29 zoonotic/anthroponotic pathogens denoted as *Grey-Zone Pathogens*. These represent any pathogen where there is some evidence the dog is involved in transmission, maintenance or detection of the pathogen, but current research has not definitively proven the dog's role at the time of this study. There were no sapronoses in this group. Of these pathogens, those that have been reported in Canada are marked with a <sup>1</sup>. Those pathogens that have the potential to occur in Canada but have not yet been reported are marked with a <sup>2</sup>.

### Bacteria

*Acinetobacter baumannii*<sup>1</sup>  
*Borrelia turicatae*<sup>1</sup>  
*Campylobacter gracilis*<sup>1</sup>  
*Campylobacter lari*<sup>1</sup>  
*Helicobacter bizzozeronii*<sup>2</sup>  
*Mycoplasma canis*<sup>2</sup>  
*Mycoplasma maculosum*<sup>2</sup>  
*Rhodococcus equi*<sup>1</sup>  
*Staphylococcus schleiferi coagulans*<sup>1</sup>

### Fungi

*Encephalitozoon cuniculi*<sup>1</sup>  
*Encephalitozoon intestinalis*<sup>2</sup>  
*Enterocytozoon bieneusi*<sup>2</sup>

### Helminths

*Ascaris lumbricoides*<sup>1</sup>  
*Trichinella spiralis*<sup>1</sup>  
*Trichuris vulpis*<sup>1</sup>

### Protozoa

*Babesia canis canis*  
*Babesia canis rossi*  
*Babesia canis vogeli*<sup>1</sup>  
*Blastocystis hominis*<sup>1</sup>  
*Blastocystis spp.*<sup>1</sup>  
*Cryptosporidium parvum*<sup>1</sup>  
*Leishmania donovani*

### Rickettsia

*Anaplasma platys*<sup>1</sup>  
*Ehrlichia chaffeensis*<sup>2</sup>  
*Ehrlichia ewingii*<sup>2</sup>

### Viruses

*Reovirus MRV (Mammalian Reovirus) serotype 1*<sup>1</sup>  
*Reovirus MRV (Mammalian Reovirus) serotype 2*<sup>1</sup>  
*Reovirus MRV (Mammalian Reovirus) serotype 3*<sup>1</sup>  
*West Nile virus*<sup>1</sup>

## Appendix C

The following list represents 74 zoonotic/sapronotic pathogens where the dog is involved in transmission, maintenance, or detection of the pathogen and the pathogen has been reported to have historically occurred in Canada, however, Canadian canine-specific reports are lacking (Tier 2). Sapronoses are specifically denoted by ❖.

### Bacteria

*Actinobacillus actinomycetemcomitans*  
*Actinomyces neuui* subsp. *anitratus*  
*Aliarcobacter butzleri*  
*Aliarcobacter cryaerophilus*  
*Anaerobiospirillum succiniciproducens*  
*Bacillus anthracis*  
*Bacillus circulans*  
*Bacteroides* spp.  
*Bergeyella zoohelcum*  
*Brachyspira pilosicoli*  
*Brevibacterium* spp.  
*Capnocytophaga cynodegmi*  
*Citrobacter freundii*  
*Clostridium* spp.  
*Clostridium tetani*  
*Corynebacterium canis*  
*Corynebacterium freiburgense*  
*Corynebacterium ulcerans*  
*Cytobacillus firmus*  
*Dermabacter hominis*  
*Eikenella corrodens*  
*Enterobacter cloacae*  
*Enterococcus avium*  
*Enterococcus faecalis*  
*Erysipelothrix rhusiopathiae*  
*Eubacterium* spp.  
*Gemella morbillorum*  
*Haemophilus aphrophilus*  
*Lactobacillus* spp.  
*Leptospira interrogans* serovar *australis*  
*Leptotrichia buccalis*  
*Micrococcus* spp.  
*Mycobacterium chelonae-abscessus* group (RGM)  
*Mycobacterium fortuitum* group (RGM)  
*Mycobacterium kansasii* (slow growing)  
*Mycoplasma edwardii*  
*Neisseria animaloris*  
*Neisseria canis*  
*Neisseria* spp.  
*Neisseria zoodegmatidis*  
*Nocardia brasiliensis*  
*Nocardia farcinica*  
*Nocardia nova*  
*Nocardia otitidiscaviarum*  
*Peptostreptococcus* spp.  
*Plesiomonas shigelloides*

*Prevotella* spp.  
*Propionibacterium* spp.  
*Proteus mirabilis*  
*Proteus vulgaris*  
*Pseudomonas* spp.  
*Reimerella anatipestifer*  
*Staphylococcus epidermidis*  
*Staphylococcus xylosus*  
*Stenotrophomonas maltophilia*  
*Stomatococcus mucilaginosus*  
*Streptobacillus moniliformis*  
*Streptococcus equi* subsp. *zooepidemicus*  
*Streptococcus mitis* ( $\alpha$ -streptococcus)  
*Streptococcus pyogenes* ( $\alpha$ -streptococcus)  
*Veillonella* spp.  
*Yersinia pseudotuberculosis*

### Ectoparasites

*Echidnophaga gallinacea*  
*Xenopsylla cheopis*

### Fungi

*Microsporium gypseum*  
*Paecilomyces lilacinus* ❖

### Helminths

*Macracanthorhynchus ingens*  
*Phagicola longa*  
*Strongyloides stercoralis*  
*Taenia crassiceps*  
*Taenia multiceps*

### Protozoa

*Balamuthia mandrillaris* ❖  
*Balantidium coli*

### Rickettsia

*Rickettsia felis*

## Appendix D

The following list represents 31 zoonotic pathogens where the dog is involved in transmission, maintenance or detection of the pathogen that have the potential to occur in Canada, however, no definitive Canadian reports were identified at the time of this study (Tier 3). There were no sapronoses in this group.

### **Bacteria**

*Anaerobiospirillum thomasii*  
*Bacillus subtilis*  
*Chromobacterium spp.*  
*Citrobacter spp.*  
*Corynebacterium auriscanis*  
*Corynebacterium spp.*  
*Enterococcus malodoratus*  
*Eubacterium plautii*  
*Flavobacterium spp.*  
*Helicobacter canis*  
*Helicobacter felis*  
*Leptospira interrogans* serovar *bataviae*  
*Leptospira interrogans* serovar *zanoni*  
*Micrococcus lylae*  
*Neisseria dentiae*  
*Oerskovia spp.*  
*Pediococcus spp.*  
*Porphyromonas spp.*  
*Pseudomonas oryzihabitans*  
*Staphylococcus spp* (*warneri*, *cohnii*, *coagulase*  
*negative*, *hominis*, *auricularis*)  
*Tannerella forsythia*  
*Wolbachia pipientis*

### **Ectoparasites**

*Cheyletiella parasitovorax*

### **Helminths**

*Amphimerus pseudofelineus*  
*Dirofilaria repens*  
*Echinococcus vogeli*  
*Macracanthorhynchus hirudinaceus*  
*Taenia brauni*  
*Thelazia californiensis*  
*Thelazia callipaeda*

### **Viruses**

*Canine rotavirus group A (G3P[3], G3P[8])*