

EXHIBIT B

CANTERBURY PARK LOCATION
1100 CANTERBURY ROAD, STE. 100
SHAKOPEE, MN 55379
TELEPHONE: 952-496-7950
FAX: 952-496-7954
WWW.MRC.STATE.MN.US



RUNNING ACES LOCATION
15201 ZURICH STREET NE, STE. 212
COLUMBUS, MN 55025-7908
TELEPHONE: 651-925-3951
FAX: 651-925-3953
WWW.MRC.STATE.MN.US

MINNESOTA RACING COMMISSION

July 25, 2017

To Whom it May Concern:

I serve as the Chief Commission Veterinarian for the Minnesota Racing Commission. I am also an adjunct professor at the University of Minnesota College of Veterinary Medicine. I earned a BS in Pharmacy from North Dakota State University and a BS in Veterinary Science from the University of Minnesota. I went on to receive a Doctor of Veterinary Medicine degree from the University of Minnesota, and followed this with an internship at the University of Georgia and a three-year internal medicine residency at the University of Wisconsin-Madison. I hold a Master of Science in Veterinary Science degree from the University of Wisconsin-Madison. I am board certified by the American College of Veterinary Internal Medicine (DACVIM). I hold Pharmacy Board licensure in Minnesota and North Dakota and Veterinary Board licensure in Minnesota, North Dakota, Iowa, Massachusetts, and Wisconsin. I am a member of numerous professional, scientific, and civic organizations, and have served on committees for the American Veterinarian Medical Association, American College of Veterinary Internal Medicine, American Association of Poison Control Centers, Association of Racing Commissioners, Racing Medication Testing Consortium, and the American Association of Racing Regulatory Veterinarians. My credentials are discussed more fully in my *curriculum vitae*, which is attached.

I am writing because I recently learned of the proposed development of an asphalt plant by Bituminous Roadways ("Bituminous") in Columbus, Minnesota, south of the Running Aces harness racetrack. This development causes me serious concerns.

My concerns about the plant development arise primarily from the very close proximity between the Running Aces racetrack and the frontage road that services it. The same road will, if the asphalt plant development is permitted, also service the plant. Bituminous Roadways estimates that approximately 500 dump truck trips will enter and leave its plant each workday. The frontage road is, at one point, only about fifty feet from the racetrack's chain-link fence. The track area is immediately on the other side of the fence. As a result, the racetrack surface comes within about sixty feet of the road, and there is no physical barrier between the two, other than a chain-link fence. This proximity concerns me for a number of reasons.

First, with hundreds of open dump trucks passing in and out of the asphalt plant each day, a tremendous amount of dust and debris will be cast off toward the racetrack. This will include not just dust kicked up by moving tires, it will include fine sand, matter, and dust that falls from the trucks themselves, since rock crushing is part of the process of making asphalt. This sort of airborne particulate matter can cause very serious respiratory problems for horses, including, among other things, chronic obstructive pulmonary disease or small airway disease (similar to asthma in humans), exercise-induced pulmonary hemorrhage (bleeding in the respiratory system) and conditions for pneumonia and viral diseases. These risks are particularly severe when the horses are racing or exercising, because they breathe a larger volume of air, under greater pressure. By the same token, I would be concerned that the increased amount of truck traffic might cause respiratory problems due to truck exhaust. In addition, there is the risk that a truck

CANTERBURY PARK LOCATION
1100 CANTERBURY ROAD, STE. 100
SHAKOPEE, MN 55379
TELEPHONE: 952-496-7950
FAX: 952-496-7954
WWW.MRC.STATE.MN.US



RUNNING ACES LOCATION
15201 ZURICH STREET NE, STE. 212
COLUMBUS, MN 55025-7908
TELEPHONE: 651-925-3951
FAX: 651-925-3953
WWW.MRC.STATE.MN.US

MINNESOTA RACING COMMISSION

might crash through the racetrack fence, killing or injuring humans or animals, and leaking toxic materials into the racetrack area.

Second, the dump truck traffic necessitated by the proposed asphalt plant would create significant amounts of noise and vibration which would be heard and felt by horses at Running Aces. This would likely disturb the animals, inhibit their sleep, and generally cause them stress. Horses typically respond to stress in a number of ways, including behavior problems, gastric or gastroduodenal ulcers, and poor racing performance.

In short, it's likely that the dump truck traffic created by the asphalt plant would shorten horses' lives, and make their lives worse. As a veterinarian, this troubles me greatly.

The proximity of the plant itself causes additional concerns with respect to the health and safety of animals. At this point we lack necessary information to know what environmental impact this plant, in this location, might have on the surrounding area, including Running Aces. Further study is necessary in order that all involved parties will know the realities of the proposed plant prior to voting on whether to authorize it. I have, however, reviewed scientific literature regarding the environmental contaminants that may be generated by the manufacturing of asphalt, and have serious concerns about whether such activities can be safely conducted so close to a racetrack like Running Aces.

Among other things, asphalt production generates polycyclic aromatic hydrocarbon ("PAH") mixtures, toluene, and xylene. These highly toxic chemicals can pass into humans and animals through inhalation and result in respiratory, neurological, and immunological problems. Elevated levels of other toxic agents, including heavy metals, benzene and formaldehyde, can also result from asphalt production. Asphalt production creates large volumes of fine dust which can travel great distances under windy conditions. This is of particular concern because Bituminous intends to store large material piles (weighing up to 50,000 tons and 50 feet in height) on site. This increases the risk of fine dust being carried by the wind. If inhaled by animals, as stated above, this sort of dust can have catastrophic health consequences. In addition, asphalt plants use drop forges and similar equipment for bituminous and concrete crushing. Bituminous intends to conduct such crushing activities for 3-4 weeks, twice per year. These activities generate tremendous amounts of noise and vibration. All of these issues raise real health concerns for the health and safety of horses boarded at or running at Running Aces, given the racetrack's proximity to the proposed site of the asphalt plant.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lynn Rolland Hovda".

Lynn Rolland Hovda, DVM, MS
Chief Commission Veterinarian
Minnesota Racing Commission

CURRICULUM VITAE

Lynn Rolland Hovda, RPH, DVM, MS
Diplomate, American College of Veterinary Internal Medicine
The Flying J Veterinary Clinic, PLLC
5253 Salem Lane
Loretto, Minnesota 55357
763-498-7237

EDUCATION

June 1991	Diplomate, American College of Veterinary Internal Medicine
May 1989	MS, Veterinary Science University of Wisconsin, Madison, WI
July 1989	Large Animal Internal Medicine Residency College of Veterinary Medicine University of Wisconsin, Madison, WI
July 1986	Large Animal Internship School of Veterinary Medicine University of Georgia, Athens, GA
June 1985	DVM, College of Veterinary Medicine University of Minnesota, St. Paul, MN
June 1983	BS, Veterinary Science University of Minnesota, St. Paul, MN
May 1978	BS, Pharmacy North Dakota State University, Fargo, ND

MS THESIS

Hovda, LR. Selected postprandial hormone responses, clinicopathologic changes, and growth parameters in normal calves and in chronically diarrheic calves fed traditionally or with partial parenteral nutrition. MS Thesis, Department of Veterinary Science, University of Wisconsin, 1989.

POSITIONS HELD

April 1994 – Present	Chief Commission Veterinarian, Minnesota Racing Commission, Shakopee, MN
March 2013 – September 2014	Veterinary Consultant, Massachusetts Gaming Commission, Suffolk Downs and Plainridge Racetrack, Boston, MA
January 2006 – Present	Adjunct Assistant Professor, University of Minnesota, Veterinary Medicine, St. Paul, MN

September 2004 – Present	Director, Veterinary Services, SafetyCall International and Pet Poison Helpline, Bloomington, MN
July 1991 – Present	Flying J Veterinary Clinic, PLLC, Equine and Llama Private Practice, Loretto, MN
September 1997 – July 2004	Director, Veterinary Services, Prosar™, St. Paul, MN
February 1992 – April 1997	Veterinarian and Pharmacist, Minnesota Regional Poison Control Center and Hazardous Information Services, Minneapolis, MN
April 1994 – September 1994	Assistant Racing Commission Veterinarian, Iowa Racing Gaming Commission, Prairie Meadows Racetrack, Des Moines, IA
July 1992- April 1994	Assistant Commission Veterinarian, Minnesota Racing Commission, Shakopee, MN
July 1990 – July 1991	Director, Equine Medicine, Equine Hospitals, Inc., Hastings, MN
July 1986 – July 1990	Large Animal Internal Medicine Resident, University of Wisconsin, Madison, WI
July 1985 – July 1986	Large Animal Intern, University of Georgia, Athens, GA
July 1980 – July 1982	Staff Pharmacist, St. Paul Ramsey Medical Center and Regional Poison Control Center, St. Paul, MN
July 1978 – September 1981	Pharmacist, Minnesota Correctional Facility for Woman, Shakopee, MN
June 1978 – July 1979	Staff Pharmacist, University of Minnesota Hospitals, Minneapolis, MN

ACADEMICS

- Course co-coordinator, CVM 6195 (Veterinary Toxicology), University of Minnesota College of Veterinary Medicine, St. Paul, MN
- Instructor, VPM 3101W (Animal Toxicology and the Environment), University of Minnesota, Veterinary Population Medicine, St. Paul, MN; 2013-2015
- Lecturer, CVM 6753 (Advanced Equine Electives), University of Minnesota, College of Veterinary Medicine, St. Paul, MN
- Guest Lecturer, Veterinary Toxicology, Iowa State University, College of Veterinary Medicine, Ames, IA
- Externship Preceptor, University of Minnesota, College of Veterinary Medicine, St. Paul, MN

PROFESSIONAL ACTIVITIES

- American Association of Equine Practitioners - Task Force on Equine Medications (2013 to present)
- American Association of Poison Control Centers – Veterinary Toxicology Committee (2004 to 2010)
- American College of Veterinary Internal Medicine – Ruminant Training Committee Chair (2012-2015)
- American College of Veterinary Internal Medicine – Examination Committee (2012 to 2015)
- American College of Veterinary Internal Medicine – Abstract Review Committee (2010-2012; 2013 to present)
- American College of Veterinary Internal Medicine – Past Chair, Credentials Committee
- American College of Veterinary Internal Medicine – Past Chair, Large Animal Program Committee
- American College of Veterinary Internal Medicine – Past Chair, Resident Training Committee
- Association of Racing Commissioners International – Drug Testing Standard Practices Committee (2012 to present)
- Association of Racing Commissioners International - Racing Regulatory Veterinarians Committee (2012 to present)
- Association of Racing Commissioners International - Standardbred Committee (2013 to present)
- Association of Regulatory Racetrack Veterinarians – ARCI Chair (2012 to present)
- Journal of the American College of Veterinary Internal Medicine article reviewer (current)
- Journal of Bioequivalence & Bioavailability article reviewer (current)
- Journal of Medical Toxicology article reviewer (current)
- Journal of Veterinary Emergency Medicine and Clinical Care article reviewer (current)
- Minnesota Equine Research Council - Grant Committee (2000-2004)
- Racing Medication and Testing Consortium Board of Directors (2012 to present)
- Racing Medication and Testing Consortium - Communications Subcommittee (2015 to present)
- Racing Medication and Testing Consortium - Scientific Advisory Committee (2012 to present)
- Racing Medication and Testing Consortium - Tactical Review Committee (2013 to present)
- University of Minnesota Equine Grants Council (2004 to present)
- Welfare and Safety of Horse - On Track Injury Reporting Committee (2006 – 2008)

SCIENTIFIC ORGANIZATIONS

American Association of Equine Practitioners (AAEP)
American College of Veterinary Internal Medicine (ACVIM)
American Veterinary Medical Association (AVMA)
Association of Regulatory Racetrack Veterinarians (ARRV)
Minnesota Equine Practitioners Association (MEPA)

PRESENTATIONS

Abstracts with Posters

- Wilson J, Hovda LR. An Observational Study of Racehorse Swimming, 5th International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine, Minneapolis, MN, August 2008.
- Brutlag AG, Hovda LR, Della Ripa RM. Corneal Ulceration in a Dog Following Walking Stick Envenomation, North American Clinical Toxicology Annual Scientific Meeting, Toronto, Canada, September 2008.

- Martinson K, Hovda LR, Murphy M. Plants Poisonous or Harmful to Horses, North Central Weed Science Society Annual Meeting, Milwaukee, WI, December 2006.
- Hovda LR, Kingston RL. Cacao Bean Mulch Poisoning in Dogs, AAPC/AACT/CAPCC Annual Scientific Meeting, Salt Lake City, UT, September 1994.
- Hovda LR, McManus AM. Yohimbine for Amitraz Poisoning in Dogs, AAPC/AACT/CAPCC Annual Scientific Meeting, New York City, NY, September 1993.
- Hovda LR, Rose ML. Hoary Alyssum (*Berteroa incana*) Toxicity in a Herd of Broodmares, AAPCC/AACT/CAPCC Annual Scientific Meeting, Tampa, FL, September 1992.
- Hovda LR, McGuirk SM. The Use of Parenteral Nutrition in Neonatal Llamas, Critical Care Nutritional Support in Large and Small Animal Patients: A Symposium, East Lansing, MI, October 1988.
- Hovda LR, McGuirk SM, Lunn DP. Total Parenteral Nutrition in the Neonatal Llama, Int Society of Veterinary Perinatologists' Biennial Meeting, Orlando, FL, January 1988.

Abstracts with Presentations

- Peterson K, Lee JA, Hovda LR. Phenylpropanolamine toxicosis in dogs: 170 cases (2004-2009). Int Vet Emerg Crit Care Society. September 2010.
- Gray S, Lee JA, Hovda L, Brutlag AG. Zinc phosphide rodenticide toxicosis in dogs: 362 cases (2004-2009). Int Vet Emerg Crit Care Society. September 2010.
- Hovda LR, McGuirk SM, Rose ML. Postprandial Insulin, Glucagon and Cortisone Concentrations in Normal and Chronically Diarrheic Calves. Proceedings, Am Col Vet Int Med 1990; 8:1108.
- Hovda LR, McGuirk SM. Enteral Support to Critically Ill Neonatal Ruminants. Proceedings Critical Care Nutritional Support in Large and Small Animal Patients, 1988.
- Sweeney RW, Hovda LR, Divers TJ, et al. A Comparison of Parenteral Nutrition and Traditional Therapy in Calves with Diarrhea, Proceedings, Am Col Vet Int Med 1988; 6:735.

Continuing Education Presentations – Local

- Holiday Toxins, U of M Small Animal Club, November 2016
- Equine Toxicosis, DVM rounds, April 2015
- Methionine, phenylpropanolamine, and other oldies but goodies, DVM rounds, November 2013.
- Common Equine Toxins. DVM rounds, July 2013.
- Poisonous Plants in Your Garden, Animal Care Foundation of Minnesota, May 2013.
- Toxicology Calculations 101, DVM rounds, January 2013 and March 2013.

- Plant toxins, Hovda LR. Minnesota Zoological Gardens, June 2012.
- “Antique” Poisons in Your Garage and Basement, PPH DVM CE, July 2012.
- Zoological Drug Toxicities, Hovda LR. Minnesota Zoological Gardens, March 2006.
- Large and Small Animal Pyrethrin Toxicities, Hovda LR. Central Minnesota Society of Veterinarians, June 1992.
- Foaling Season 1991 - Are You Ready? Hovda LR. Heart O’Lakes Veterinary Association Winter Meeting, February 1991.
- Equine Rehabilitation Using the Wet/Dry Treadmill, Hovda LR, Gordon BG. SW Minnesota Veterinary Association, November 1990.
- Fluid Therapy in Neonatal Calves, Hovda LR. Coulee Region Veterinary Association Spring Meeting, May 1989.
- Intravenous Fluid and Electrolyte Therapy, Hovda LR. University of Wisconsin-Madison Postgraduate Conference, June 1988.
- Utilization of Intravenous Catheters, Hovda LR. University of Wisconsin-Madison Postgraduate Conference, June 1988.
- Abdominocentesis and Abdominal Drains, Hovda LR. University of Wisconsin-Madison Postgraduate Conference, June 1987.

Lay Presentations

- Equine Plant Toxicities, Hovda LR. Minnesota Horse Expo, St. Paul, MN, April 2009.
- Pet Poisonings, Hovda LR. WCCO Radio Broadcast, Minneapolis, MN. August 2007.
- Therapy of Orphan Llamas, Hovda LR. Llamas of Minnesota Spring Meeting, Hastings, MN, March 1991.
- Your First Foal, Hovda LR. Minnesota Arabian Horse breeders’ Fall Meeting, St. Paul MN, November 1990.
- Equine Medicine, Hovda LR. On the Rail-Cable TV Broadcast, Minneapolis, MN, July 1990, August 1990, July 1991, September 1991, May 1992.
- You and Your Endurance Horse, Hovda LR. Midwest Horse Fair, Madison, WI, April 1987.
- A Foal’s First Year, Hovda LR. Student Chapter of AAEP - Annual Horsemen’s Conference, Madison, WI. May 1987.

Professional Presentations

- Compounded Medications, Hovda LR, Stanley S, Benson D. Welfare and Safety Summit, July 2, 2016, Lexington, KY.
- Compounded Medications, Hovda LR. ARCI annual meeting, Tampa, FL, April 20, 2015

- Illegal and Seized Medications, Hovda LR. AORC annual meeting, Tampa, FL, April 21, 2015
- Prerace Testing Program, Hartmann P, Hovda LR. AORC annual meeting, Tampa, FL, April 21, 2015.
- Top 10 Canine Toxins, Top 10 Feline Toxins. Hovda LR. North Texas District Veterinarians Association, Waco TX, November 2013.
- Pharmacokinetics Made Easy. Hovda LR. American College of Veterinary Internal Medicine. San Antonio, TX, November 2011.
- Piropiasmosis, Where Are We? American Academy of Veterinary and Comparative Toxicology (AAVDL conference), Minneapolis, MN, November 2010.
- Topical Flea and Tick Control, Lebak J, Brutlag A, Hovda LR. Minnesota Veterinary Medicine Association annual meeting, Minneapolis, MN, February 2008.
- Rodenticides, Lebak J, Brutlag A, Hovda LR. Minnesota Veterinary Medicine Association annual meeting, Minneapolis, MN, February 2008.
- Race Horse Injuries, Wilson J, Hovda LR. 5th International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine, Minneapolis, MN, August 2008.
- Large Animal Toxicities, Hovda LR. Iowa Student Chapter of AAEP, Ames, IA, November 2006 and 2007.
- Around the Track at Canterbury, Hovda LR. Minnesota Veterinary Medicine Association Annual Meeting, Minneapolis, MN, February 2004.
- Heat Stroke, Hovda LR. Minnesota Student Chapter of AEPP, St. Paul, MN, September 2003.
- Equine Plant Toxicities, Hovda LR. Minnesota Veterinary Technicians Annual meeting, Minneapolis, MN, February 2003.
- Plant Toxicities – Common and Uncommon, Hovda LR. American College of Zoological Veterinarians Annual Meeting, Minneapolis, MN, November 2003.
- Common Small Animal Household Toxicities, Hovda LR. Minnesota Veterinary Technicians Annual Meeting, Minneapolis, MN, February 2002.
- Small Animal Plant Toxicities, Hovda LR. Minnesota Veterinary Technicians Annual Meeting, Minneapolis, MN, February 2002.
- Don't Wait Until You're Old to Wear Purple, Hovda LR. Minnesota Veterinary Technicians Annual Meeting, Minneapolis, MN, February 2002.
- Paraquat and Diquat Toxicity in Horses, Hovda LR. Am Col Vet Int Med 14th Annual Meeting. San Antonio, TX, May 1996.
- Common Plant Toxicities in Horses, Hovda LR. Am Col Vet Int Med 13th Annual Meeting. Orlando, FL, May 1995.

- Common Small Animal Plant Toxicities, Hovda LR. Am Col Vet Int Med 13th Annual Meeting. Orlando, FL, May 1995.
- Toxicological Problems in Small Ruminants, Hovda LR. Am Col Vet Int Med 12th Annual Meeting. San Francisco, CA, June 1994.
- Toxicosis from Common Household Agents, Hovda LR. Am Col Vet Int Med 10th Annual Meeting. Washington DC, May 1993.
- Immunodeficiency Diseases in Older Foals, Hovda LR. Am Col Vet Int Med 10th Annual Meeting. San Diego, CA, May 1992.
- Cephalosporins-Old, New, Investigational, Hovda LR. Am Col Vet Int Med 9th Annual Meeting. New Orleans, LA, May 1991.
- Current Concepts in Therapy of Orphan Llamas, Hovda LR. Am Vet Med Assoc Annual Meeting. Orlando, FL, July 1989.
- Equine Degenerative Myeloencephalopathy, Hovda LR. Am Vet Med Assoc Annual Meeting. Orlando, FL, July 1989.
- Diagnosis and Therapy of Foal Diarrhea, Hovda LR. Illinois Student Chapter of AAEP- Practitioners' Conference, Urbana IL, January 1988.
- Causes of Abdominal Distress in the Foal, Hovda LR, Am Vet Med Assoc Annual Meeting. Chicago, IL, July 1987.
- Foal Diarrhea, Hovda LR. Am Vet Med Assoc Annual Meeting. Chicago, IL, July 1987.

PUBLICATIONS

Non-Referred Publications

- Marijuana Toxicosis in Small Animals, RVTJ, Winter 2016
- Hovda LR. Battery Toxicosis in Dogs. RVTJ, Fall, 2016
- Hovda LR. Oleander Toxicity. DVM 360, April 2016.
- Hovda LR. Hoary Alyssum Toxicosis in Horses. DVM 360, January 2016.
- Hovda LR. Common Drug Store Toxins, RVTJ, Spring 2016
- Hovda TK, Hovda LR. Carbon Monoxide Poisoning, RVTJ, Winter 2015
- Hovda LR. Tremorgenic Mycotoxins, RVTJ 2015; 39(1): 32
- Hovda LR. Lilies and Kitties. RVTJ 2015; 38(4): 15

- Hovda LR. Blue Green Algae (*Cyanobacteria*). RVTJ 2014; 37(4): 30-31.
- Hovda TK, Hovda LR. Soaps, Detergents, and Fabric Softeners. RVTJ 2014; (38(1): 32-36.
- Hovda LR, Methionine Toxicosis in Dogs. RVTJ 2014; 37(3): 36-37
- Hovda LR, Holiday Equine Toxins, Saddle and Stirrups, November 2013.
- Hovda LR, Five Plants Poisonous to Horses, Saddle and Stirrups, May 2013.
- Hovda LR, Five Trees Poisonous to Horses, Saddle and Stirrups, June 2013.
- Hovda TK, Hovda LR. Canine poisons in the tack trunk. Can Tech News, Dec 2013.
- Dee T, Hovda LR. Cholecalciferol toxicosis. Veterinary Technician 2012: E1-E4.
- Hovda LR. Protect horses from heat exhaustion and heat stroke. DVM 360, July 2011.
- Hovda LR. Top 5 poisonous plants to avoid in horses! Part I Sept 1, 2010
<http://veterinaryteam.dvm360.com/firstline/article/articleDetail.jsp?id=684956>.
- Hovda LR. Top 5 poisonous plants to avoid in horses! Part II November 22, 2010
<http://veterinaryteam.dvm360.com/firstline/article/articleDetail.jsp?id=697054>.
- Martinson K, Murphy M, Hovda LR, et al. Common Pasture Plants. Minnesota Extension Service publication, 2009.
- Martinson K, Hovda LR, Murphy M. Plants Toxic to Horses. Minnesota Extension Service publication, 2007.
- Hovda LR. Paraquat and diquat toxicity in horses. Proc Am Col Vet Int Med 1996; 14:526-528.
- Hovda LR. Common plant toxicities in horses. Proc Am Col Vet Int Med 1995; 13:568-570.
- Hovda LR. Plants toxic to dogs and cats. Proc Am Col Vet Int Med 1995; 13:617-619.
- Hovda LR. Toxicological problems in small ruminants. Proc Am Col Vet Int Med 1994; 12:645-648
- Hovda LR. Herbicide toxicities in large animals. Proc Am Col Vet Int Med 1994; 12:546-548.
- Hovda LR. Toxicities from common household agents. Proc Am Col Vet Int Med 1993; 11:282-285.
- Hovda LR. Immunodeficiency diseases in older foals. Proc Am Col Vet Int Med 1992; 10:427-429.
- Hovda LR. Failure of passive transfer in llamas. Llamas of Minnesota Spring Newsletter 1991; 4:3.
- Hovda LR. Cephalosporins - old, new and investigational. Proc Am Col Vet Int Med 1991; 9:489-492.

- Hovda LR, McGuirk SM. Oral fluid therapy in neonatal calves. UWVMT, Newsletter 1989.
- Duerst G, Hovda LR. Equine intravenous catheters. Veterinary Technician 1989; 10:516:519.
- Hovda LR, McGuirk SM. Choosing an appropriate oral electrolyte solution for use in diarrheic calves. Int Soc of Vet Perinatology Newsletter 1988; 1:5-6.

Refereed Publications

- Schmid RD, Hovda LR. Acute Hepatic Failure in a Dog after Xylitol Ingestion. Journal of Medical Toxicology. 2015; 21:1-5.
- Pugh CM, Lee JA, Bloch CP, Sweeney J, Hovda LR. Selective Serotonin Reuptake Inhibitor (SSRI) toxicosis in cats: 33 cases (2004-2010). J Vet Emerg Crit Care 2013; 23(5): 565-567.
- Khorzad R, Lee JA, Hovda LR, Whelan M, et al. Baclofen toxicosis in dogs and cats: 145 cases (2004-2010). J Am Vet Med Assoc 2012; 241(8): 1059-1064.
- Reinker LN, Lee JA, Hovda LR, Rishniw M. Cardiovascular abnormalities secondary to pimobendan toxicosis in 5 of 7 dogs. J Amer Hosp Assoc 2012; 48(4): 1-6.
- Thomas D, Lee JA, Hovda LR. Selective serotonin reuptake inhibitor toxicosis in dogs: 350 cases (2004-2010) J Vet Emerg Crit Care 2012; 22(6): 674-691.
- Lancaster A, Lee JA, Hovda LR, et al. Sleep aid toxicosis in dogs: 317 cases (2004-2010). J Vet Emerg Crit Care 2011; 21(6): 658-665.
- Novotney TE, Hardin SN, Hovda LR, et al. Tobacco and cigarette butt consumption in animals and humans. Tobacco Control 2011; 20S1: 117-20.
- Gray S, Lee J, Hovda LR, Brutlag A. Zinc phosphide rodenticide toxicosis in dogs: 362 cases (2004-2009). J Am Vet Med Assoc 2011; 239(5): 646-651.
- Peterson K, Lee JA, Hovda LR. Potential phenylpropanolamine toxicosis in dogs: 170 cases (2004-2009). J Am Vet Med Assoc 2011; 239(11): 1463-1469.
- Fernandez AL, Lee JA, Rahilly L, Hovda LR, Brutlag AB, Engebretsen K. The use of intravenous lipid emulsions as an antidote in toxicology: a review. J Vet Emerg Crit Care 2011; 21(4): 309-320.
- Brutlag A, Hovda LR. Corneal ulceration in a dog following exposure to the defensive spray of a walkingstick insect (*Anisomorpha* spp). J Vet Emerg Crit Care. 2011; 21(4): 382-386.
- Kaplan MI, Lee J, Hovda LR, Brutlag A. Acute neurotoxicity due to accidental intravenous procaine penicillin G administration in 1 cat and 2 dogs. J Am Vet Med Assoc 2011; 239(5): 646-651.
- Hovda LR. Toxicities from common household agents. Small Animal Clinician. 1994; 6:1-21.
- Hovda LR, Rose ML. Hoary Alyssum (*Berteroa Incana*) toxicity in a herd of broodmare horses. Vet Human Tox 1993; 35:39-40.
- Hovda, LR. Immunodeficiency diseases in older foals. Equine Practice 1993; 24-27.

- Hovda LR, McManus AM. Yohimbine for amitraz toxicity in dogs. *Vet Human Tox* 1993; 35:329.
- Geor R, Becker R, Kanara E, Hovda LR, et al. The toxicity of hoary alyssum (*Berteroa incana*) to horses. *J Am Vet Med Assoc* 1992; 201:63-67.
- Hovda LR, McGuirk SM, Lunn DP. Total parenteral nutrition in a neonatal llama. *J Am Vet Med Assoc* 1990; 196:319-322.
- Hovda LR, Shaftoe S, Rose ML, et al. Mediastinal squamous cell carcinoma and thyroid carcinoma in an aged horse. *J Am Vet Med Assoc* 1990; 197:1187-1189.
- Trim CM, Adams JG, Hovda LR. Failure of xylazine to induce anesthesia in two horses. *J Am Vet Med Assoc* 1987; 190:201-202.

TEXTBOOKS

Editor, Section Editor

- Hovda LR, Consulting and Section Editor Toxicology; *Large Animal Internal Medicine*, 5th ed. St. Louis, MO: Elsevier; in progress.
- Hovda LR, Brutlag A, Poppenga R, Peterson K. Eds. *Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology*. 2nd edition, Wiley-Blackwell. 2016.
- Hovda LR, Section Editor, Toxicology; *Blackwell's Five-Minute Veterinary Consult: Canine and Feline*, 6th ed. Oxford, UK: Wiley-Blackwell; 2016.
- Hovda LR, Section Editor, Toxicology; *Blood and Henderson's Veterinary Toxicology*, 11th ed. St. Louis, MO: Elsevier; in progress.
- Hovda LR, Consulting and Section Editor, Toxicology; *Large Animal Internal Medicine*, 5th ed. St. Louis, MO: Elsevier; 2015.
- Osweiler G, Hovda, L, Brutlag A, Lee JA. Eds. *Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology*. Wiley-Blackwell. ISBN: 0813819857, Copyright 2010.

Author, Textbook Chapters

- Hovda LR. Agricultural Chemicals. In: *Blackwell's Five-Minute Veterinary Consult: Ruminant*, 2nd ed. Haskell, Tibary, and Chase, eds. In press.
- LeMaster S, Hovda LR. Medical Waste Management: Expired Drugs In: *Blackwell's Five-Minute Veterinary Consult: Ruminant*, 2nd ed. Haskell, Tibary, and Chase, eds. In press.
- Hovda LR. Euthanasia and Disposal. In: *Blackwell's Five-Minute Veterinary Consult: Ruminant*, 2nd ed. Haskell, Tibary, and Chase, eds. In press.

- Hovda LR. Household Cleaners, disinfectants, and solvents. In. *Blackwell's Five-Minute Veterinary Consult: Canine and Feline*, 6th ed. Oxford, UK: Wiley-Blackwell; 2016; pp. 1435-1439.
- Osweiler GD, Hovda LR. Toxic plants and their clinical signs – antidotes and treatment. In. *Blackwell's Five-Minute Veterinary Consult: Canine and Feline*, 6th ed. Oxford, UK: Wiley-Blackwell; 2016; pp. 1427-1432.
- Hovda LR. Cardiac Glycoside Plant Toxicosis. In. *Blackwell's Five-Minute Veterinary Consult: Canine and Feline*, 6th ed. Oxford, UK: Wiley-Blackwell; 2016; pp. 225.
- Hovda LR. Insoluble Oxalate Plant Toxicosis. In. *Blackwell's Five-Minute Veterinary Consult: Canine and Feline*, 6th ed. Oxford, UK: Wiley-Blackwell; 2016; pp755.
- Garland T, Hovda LR. Gossypol Toxicosis. . In: Murphy L, ed. *Large Animal Toxicology*. Ames, IA: Wiley-Blackwell; in progress.
- Hovda LR, Bufo Toad Toxicosis. In: Murphy L, ed. *Large Animal Toxicology*. Ames, IA: Wiley-Blackwell; in progress.
- Hovda LR, Non-steroidal anti-inflammatory drug toxicosis. In: Murphy L, ed. *Large Animal Toxicology*. Ames, IA: Wiley-Blackwell; in progress.
- Hovda LR, Drugs of Abuse in Performance Horses. In: Murphy L, ed. *Large Animal Toxicology*. Ames, IA: Wiley-Blackwell; in progress.
- Hovda LR, Medications and Therapeutic Agents. In Smith BS, ed. *Large Animal Internal Medicine*, 5th ed. St. Louis, MO: Elsevier; 2015; pp. 1607-1608.
- Hovda LR. Managing Large Animal Poisonings. In: Smith BS, ed. *Large Animal Internal Medicine*, 5th ed. St. Louis, MO: 2015; pp. 1578-1579.
- Hovda LR. Effective Use of an Animal Poison Control Center. In: Peterson ME, Talcott PA, eds. *Small Animal Toxicology*, 3rd ed. St. Louis, MO: Elsevier, 2013; pp. 27-29.
- Hovda LR. Antidotes and Other Useful Drugs. In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. *Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology*. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 39-49.
- Osweiler G, Hovda LR. Toxic Plant Tables. In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. *Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology*. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 835-839.
- Peterson M, Hovda LR. Bufo Toads. In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. *Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology*. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 376-381.

- Hovda LR, Cargill E. Oxalates - Soluble. *In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 730-736.*
- Hovda LR, Cargill E. Oxalates - Insoluble. *In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 720-729.*
- Cargill E, Hovda LR. Rhododendrons and azaleas. *In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 737-742.*
- Martinson K, Hovda LR. Yews. *In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 750-755.*
- Martinson K, Hovda LR. Lilies. *In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 705-710.*
- Hovda LR. Miscellaneous Hallucinogens and Dissociative Agents. *In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology. 1st ed. Ames, IA: Wiley-Blackwell, 2010; pp. 237-244.*
- Hovda LR. Opiates and Opioids. *In: Osweiler G, Hovda LR, Brutlag A, Lee JA, eds. Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology. 1st ed. Ames, IO: Wiley-Blackwell, 2010; pp. 245-253.*
- Hovda LR. Common Plant Toxicities. *In: Ettinger SJ and Feldman EC, eds. Textbook of Veterinary Internal Medicine: Diseases of the Dog and Cat. 7th ed. St. Louis, MO: Elsevier, 2010.*
- Hovda LR. Street Drug Toxicity. *In: Ettinger SJ and Feldman EC, eds. Textbook of Veterinary Internal Medicine: Diseases of the Dog and Cat. 7th ed. St. Louis, MO: Elsevier, 2010.*
- Hovda LR, Murphy M. Toxin Exposures in Small Animals. *In: Bonagura JD and Twedt DC, eds. Current Veterinary Therapy XIV, Saunders Elsevier, St. Louis, MO, 2008; pp. 92-94.*
- Hovda LR. Common Plant Toxicities. *In: Ettinger SJ, Feldman EC, eds. Textbook of Veterinary Internal Medicine, 6th edition. Philadelphia, PA: WB Saunders, 2005; pp. 250-253.*
- Hovda LR, Hooser S. Toxicology of Newer Pesticide Agents. *Veterinary Clinics of North America, Small Animal Practice, Philadelphia, PA: WB Saunders, 2002; pp. 455-467.*
- Hovda LR. Common Plant Toxicities. *In: Ettinger SJ, Feldman EC, eds. Textbook of Veterinary Internal Medicine, 5th edition. Philadelphia, PA: WB Saunders, 2000; pp. 363-365.*
- Hovda LR, McGuirk SM. Alimentation of the clinically ill neonatal ruminant. *In: Ralston S, Naylor JM, eds. Large Animal Clinical Nutrition. St. Louis, MO: CV Mosby Company, 1991; pp. 397-404.*

- Hovda LR, Shaftoe S. The llama industry: Feeding systems and special feeding requirements. In: Ralston S, Naylor JM, eds. Large Animal Clinical Nutrition. St. Louis, MO: CV Mosby Company, 1991; pp. 357-362.
- Hovda LR, Shaftoe S. Common nutritional problems in llamas. In: Ralston S, Naylor JM, eds. Large Animal Clinical Nutrition. St. Louis, MO: CV Mosby Company, 1991; pp 363-366.
- Hovda LR. Neonatal septicemia. In: Robinson NE, ed. Current therapy in Equine Medicine 3. Philadelphia, PA: WB Saunders Company, 1991; pp. 435-442.

PHARMACY LICENSES (CURRENT)

Minnesota
North Dakota

VETERINARY LICENSES (CURRENT)

Iowa
Massachusetts
Minnesota
North Dakota
Wisconsin