NDSU VETERINARY DIAGNOSTIC LABORATORY – TOXICOLOGY SUBMISSION FORM Feed and Water

Phone 701.231.8307 or 701.231.7527 Email: ndsu.vetlab@ndsu.edu www.vdl.ndsu.edu

Date Shipped:	Date Received:

Collection Date: _____ Veterinarian: _____

Owner/Submitter: _____ Clinic/Company:_____

Address:_____ Address: _____

City:_____State: _____Zip:_____ City: _____ State: ____Zip:_____

Phone: _____ Phone: _____

Email: _____ Email: _____

Report to: ❑ Clinic/Company ❑ Owner

❑ Add'l Copy to: _____

Payment: ❑ Owners – prepay only

❑ Bill Clinic/Company: include address if different than above: _____

Species: _____ Breed: _____ Age: _____ Sex: _____ Weight: _____

History: _____

_____

CASE NO.

❑ FROZEN ❑ COLD ❑ ROOM TEMP

❑ LABELED ❑ UNLABELED

❑ MAIL ❑ UPS ❑ FED EX ❑ SPEE-DEE

❑ COURIER ❑ AFTER HOURS DEPOSIT

❑ DROP OFF

❑ PAID: $ _____

This area for laboratory use only

Check Test (or Tests) Requested

Sample ID Attach additional forms if more than 5 samples are submitted	**Feed Tests**							**Water Tests**			
	Mycotoxins	**Storage Mycotoxins**	**Ergot Alkaloids**	**Phytoestrogens**	**Nitrate Forage**	**Cyanide**	**Dicumarol**	**Livestock Water**	**General Contamination**	**Blue/Green Algae Identification**	**Cyanotoxins (Blue/Green Algae)**
1											
2											
3											
4											
5											

Mycotoxins by LC/MS/MS - Aflatoxins (B1, B2, G1, G2), Fumonisins (B1, B2, B3), HT-2, T-2, OTA, Zearalenone, Sterigmatocystin, Deoxynivalenol, 3ADON, 15ADON, DAS

Storage Mycotoxins Screen by LC/MS/MS FEED SAMPLES ONLY
Alternariol, Alternariol Monomethyl Ether, Tenuazonic Acid, Cyclopiazonic Acid, Mycophenolic Acid, Penicillic Acid, Rugulosin, Roquefortine C, Penitrem A, Citrinin, Satratoxin G & H, Gliotoxin, Roridin E, Verruculogen, Beauvericin, Enniatins (A, A1, B, B1)

Ergot Alkaloids by LC/MS/MS - Ergosine, Ergotamine, Ergocornine, Ergocryptine, Ergocristine, Ergosinine, Ergotaminine, Ergocorninine, Ergocryptinine, Ergocristinine
DOES NOT TEST FOR ERGOVALINE

Phytoestrogens (Forages/Feed) –
Formononetin, Coumestrol, Daidzein, Genistein, Glycitein, Biochanin A

Nitrate - (Forages only)

Cyanide Potential (Forage) - Sorghum, Sundangrass and hybrids
DO NOT FREEZE SAMPLE

Dicumarol (Forage) - Lab only accepts Hay (Sweet Vernal grass or Sweet Clover)

Livestock Water Test
Nitrates, Total Dissolved Solids (TDS), Sulfates, pH

General Contamination Water Test–
Total Organic Carbon, Ammonia Nitrogen, Potassium Nitrate

Blue Green Algae ID -
Microscopic Identification of Cyanobacteria

Cyanotoxins by LC/MS/MS
Microcystin (MC)-LR, MC-LA, MC-RR, MC-YR, Anatoxin – A, Nodularin and Cylindrospermopsin
LIVESTOCK WATER SOURCE ONLY
(a non-chlorinated water source)

Post Office Mail Address: Veterinary Diagnostic Lab, NDSU Dept 7691, PO Box 6050, Fargo, ND 58108-6050

UPS/Fed Ex Address: Veterinary Diagnostic Lab, 4035 19th Ave N, Fargo, ND 58102

The NDSU VDL reserves the right to subcontract any work required to complete testing. Any subcontracted work will be indicated as such on the laboratory report. The submitter is responsible for adherence to sample shipping regulations. No human and ONLY fixed non-human primate samples will be accepted. This submission form is a contract between NDSU VDL and the submitter. All fees incurred are the responsibility of the submitter. Specimens including carcasses, tissues and agent isolate from specimens become the property of NDSU VDL. Complete terms and conditions are on our website: www.vdl.ndsu.edu