

Report # 206270

Livestock Water Report

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Mail

Agri-Food Web Guest Account - Example
 Livestock Water Report
 503 Imperial Rd. N
 Guelph, ON N1H 6T9

Fax:
 Email:

Date Received: Feb-01-2010
 Date Reported: May-10-2010

Laboratory Number: 4028013

Sample ID: 53673

Sample Description:

	Analysis	Noteworthy Levels or Maximum Recommendations
pH	7.80	6 to 9 Acceptable limits.
EC (mmhos/cm)	0.41	Less than 1.5 Suitable for livestock.
Total Dissolved Solids (ppm)		
Nitrate Nitrogen (ppm)	< 0.50	3 to 10 May be harmful to veal. Over 50 Harmful to chickens and cattle. Over 75 Harmful to turkeys.
Total Hardness (ppm)	149.23	0 to 60 Soft. Over 180 Hard.
Phosphorus (ppm)	< 0.10	Over 1 Indicates possible sewage or manure contamination
Potassium (ppm)	< 0.10	
Calcium (ppm)	30.08	1000 for dry cows 2000 for other ruminants.
Magnesium (ppm)	17.70	Over 125 Laxative effect.
Bicarbonate (ppm)	250.00	800 Maximum for ruminants.
Chloride (ppm)	< 1.00	250 to 1500 May cause metabolic problems.
Sulphates (ppm)	3.23	Over 250 Laxative effect. Make sure Cu, Zn, and Mn are adequate in ruminant diet.
Sodium (ppm)	21.86	Over 800 Antidiuretic, from road run off or water softener. Need to consider total sodium intake.
Zinc (ppm)	0.01	
Manganese (ppm)	0.03	
Copper (ppm)	< 0.01	
Iron (ppm)	0.69	
Boron (ppm)	0.06	
Silicon (ppm)	4.71	

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 These results pertain solely to the sample(s) received by the laboratory.*

Authorized By: *Papken Bedirian*
 Operations Manager

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 503 Imperial Rd. N
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Fax:
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Date Received: Feb-01-2010
 Date Reported: May-10-2010

Laboratory Number: 4028014

Sample ID: 53675

Sample Description:

	Analysis	Noteworthy Levels or Maximum Recommendations
pH	7.20	6 to 9 Acceptable limits.
EC (mmhos/cm)	2.25	1.5 to 5 Satisfactory for all classes of livestock and poultry but some loss in productivity should be anticipated; may cause temporary and mild diarrhea in livestock not accustomed to them or watery droppings in poultry.
Total Dissolved Solids (ppm)		
Nitrate Nitrogen (ppm)	< 0.50	3 to 10 May be harmful to veal. Over 50 Harmful to chickens and cattle. Over 75 Harmful to turkeys.
Total Hardness (ppm)	1441.4	0 to 60 Soft. Over 180 Hard.
Phosphorus (ppm)	< 0.10	Over 1 Indicates possible sewage or manure contamination
Potassium (ppm)	< 0.10	
Calcium (ppm)	485.99	1000 for dry cows 2000 for other ruminants.
Magnesium (ppm)	55.01	Over 125 Laxative effect.
Bicarbonate (ppm)	244.00	800 Maximum for ruminants.
Chloride (ppm)	3.00	250 to 1500 May cause metabolic problems.
Sulphates (ppm)	1176.3	Over 250 Laxative effect. Make sure Cu, Zn, and Mn are adequate in ruminant diet.
Sodium (ppm)	11.57	Over 800 Antidiuretic, from road run off or water softener. Need to consider total sodium intake.
Zinc (ppm)	0.08	
Manganese (ppm)	0.02	
Copper (ppm)	0.02	
Iron (ppm)	0.72	
Boron (ppm)	0.09	
Silicon (ppm)	6.95	

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