

ORDER OF AN EXECUTIVE OFFICER Boil Water Order

To: **Jack Petersen**
"the Owner"

Bronco Electric Ltd.
"the Owner"

RE: The Drinking Water Supply located in Mountain View County, Alberta and municipally described as:

5471 Township Road 310
SW-32-30-5-W5M
Mountain View County, Alberta

WHEREAS I, an **Executive Officer** of **Alberta Health Services**, have inspected the above noted drinking water supply pursuant to the provisions of the Public Health Act, RSA 2000, c. P-37, as amended;

AND WHEREAS such inspection disclosed that the following conditions exist in and about the above noted drinking water supply which are or may become injurious or dangerous to the public health or which might hinder in any manner the prevention or suppression of disease, namely:

- a. The drinking water supply may be unsafe for human consumption as indicated by a water sample collected on July 27, 2016 that showed a Total Coliform bacteria count of 12 cfu/mL and an *Escherichia coli* bacteria count of 2 cfu/mL.
- b. The drinking water supply may be unsafe for human consumption as indicated by a water sample collected on August 3, 2016 that showed the presence of Total Coliform bacteria and *Escherichia coli* bacteria.
- c. The drinking water supply may be unsafe for human consumption as indicated by three water samples collected on August 10, 2016 that showed a Total Coliform bacteria count of 59 cfu/mL and an *Escherichia coli* bacteria count of 34 cfu/mL, a Total Coliform bacteria count of 101 cfu/mL and an *Escherichia coli* bacteria count of 43 cfu/mL, and a Total Coliform bacteria count of 53 cfu/mL and an *Escherichia coli* bacteria count of 24 cfu/mL.
- d. The drinking water supply may be unsafe for human consumption as indicated by two water samples collected on September 7, 2016 that showed a Total Coliform bacteria count of 11 cfu/mL and an *Escherichia coli* bacteria count of 2 cfu/mL and a Total Coliform bacteria count of 6 cfu/mL and an *Escherichia coli* bacteria count of 3 cfu/mL.
- e. The well head and surrounding area was not protected from contamination by animals. Horse manure was observed beside the well head and farm animals have access to the well head and surrounding area.

AND WHEREAS such inspection disclosed that the following breaches of the Public Health Act Nuisance and General Sanitation Regulation, Alberta Regulation 243/2003 exist in and about the above noted Drinking Water Supply, namely:

- a. The drinking water supply may be unsafe for human consumption as indicated by a water sample collected on July 27, 2016 that showed a Total Coliform bacteria count of 12 cfu/mL and an *Escherichia coli* bacteria count of 2 cfu/mL. This in contravention of the Nuisance and General Sanitation Regulation Section 11, which states “Where a person provided a source of water that the person intends to be used or realizes or ought to realize will be used by the public for human consumption, the person shall ensure that the water is potable.”
- b. The drinking water supply may be unsafe for human consumption as indicated by a water sample collected on August 3, 2016 that showed the presence of Total Coliform bacteria and *Escherichia coli* bacteria. This in contravention of the Nuisance and General Sanitation Regulation Section 11, which states “Where a person provided a source of water that the person intends to be used or realizes or ought to realize will be used by the public for human consumption, the person shall ensure that the water is potable.”
- c. The drinking water supply may be unsafe for human consumption as indicated by three water samples collected on August 10, 2016 that showed a Total Coliform bacteria count of 59 cfu/mL and an *Escherichia coli* bacteria count of 34 cfu/mL, a Total Coliform bacteria count of 101 cfu/mL and an *Escherichia coli* bacteria count of 43 cfu/mL, and a Total Coliform bacteria count of 53 cfu/mL and an *Escherichia coli* bacteria count of 24 cfu/mL respectively. This in contravention of the Nuisance and General Sanitation Regulation Section 11, which states “Where a person provided a source of water that the person intends to be used or realizes or ought to realize will be used by the public for human consumption, the person shall ensure that the water is potable.”
- d. The drinking water supply may be unsafe for human consumption as indicated by two water samples collected on September 7, 2016 that showed a Total Coliform bacteria count of 11 cfu/mL and an *Escherichia coli* bacteria count of 2 cfu/mL and a Total Coliform bacteria count of 6 cfu/mL and an *Escherichia coli* bacteria count of 3 cfu/mL. This in contravention of the Nuisance and General Sanitation Regulation Section 11, which states “Where a person provided a source of water that the person intends to be used or realizes or ought to realize will be used by the public for human consumption, the person shall ensure that the water is potable.”
- e. The well head and surrounding area was not protected from contamination by animals. Horse manure was observed beside the well head and farm animals have access to the well head and surrounding area. This in contravention of the Nuisance and General Sanitation Regulation Section 11, which states “Where a person provided a source of water that the person intends to be used or realizes or ought to realize will be used by the public for human consumption, the person shall ensure that the water is potable.”

AND WHEREAS by virtue of the foregoing, the above noted Drinking Water Supply is hereby declared **unfit for human consumption**;

NOW THEREFORE, I hereby **ORDER** and **DIRECT**:

1. That the Owner immediately issues a Boil Water Advisory to all users of the above noted Drinking Water Supply.
2. That the Owner immediately undertake and diligently pursue the completion of the following work in and about the above noted drinking water supply, namely:
 - a. Provide bottles of 60% alcohol based hand sanitizer at the bathroom and kitchen sinks.
 - b. Provide a temporary source of potable water to the occupants.
 - c. Protect the well head and surrounding area from contamination by animals.
 - d. Implement one of the following options to render the water supply potable:
 - Install water treatment capable of treating groundwater under the direct influence of surface water. **Plans and specifications for any treatment systems proposed for the water supply must first be submitted to Alberta Health Services for assessment and approval by an executive officer of Alberta Health Services prior to installation.**
OR
 - Install a CSA approved cistern of adequate size and haul potable water.
OR
 - Connect to a potable water supply approved by Alberta Health Services.
 - e. Resample the water for bacteriological quality as directed by an Executive Officer after completing the installation of a water treatment system approved by Alberta Health Services.
3. The work referred to in **paragraph 2(a-b)** shall be completed immediately.
4. The work referred to in **paragraph 2(c-e)** shall be completed by March 1, 2016.
5. That, until such time as the work referred to in paragraph 2 is completed to the satisfaction of the undersigned, or an executive officer of Alberta Health Services, that this order shall remain in effect.

The above conditions were noted at the time of inspection and may not necessarily reflect all deficiencies. You are advised that further work may be required to ensure full compliance with the Public Health Act and regulations, or to prevent a public health nuisance.

DATED at Airdrie, Alberta, on the 1st day of November, 2016.

Confirmation of a verbal order issued to Jack Petersen on the 31st day of October, 2016.

Lindsay Sullivan, CPHI(C)
Executive Officer
Alberta Health Services

You have the right to appeal

A person who a) is directly affected by a decision of a Regional Health Authority, and
 b) feels himself aggrieved by the decision

may appeal the decision by submitting a Notice of Appeal form within ten (10) days after receiving the order to:

Public Health Appeal Board
c/o Central Reception
Main Floor, Telus Plaza North Tower
10025 Jasper Avenue NW
Edmonton, Alberta, T5J 1S6
Phone: 780-427-2813
Fax: 780-422-0914
Email: HealthAppealBoard@gov.ab.ca
Website: <http://www.health.alberta.ca/about/PHAB.html>

A Notice of Appeal form may be obtained by contacting Alberta Health Services at 780-342-0122 or by contacting the Public Health Appeal Board.

Health Legislation, Regulations and Standards

Electronic versions of the Public Health Act and Regulations are available at the Alberta Queen's Printer Bookstore 10611 - 98 Avenue, Main Floor, Park Plaza, Edmonton, Alberta, T5K 2P7 or www.qp.gov.ab.ca.

Health Legislation and regulations are available for purchase. Please contact Alberta Queen's Printer Bookstore 10611 - 98 Avenue, Main Floor, Park Plaza, Edmonton, Alberta, T5K 2P7 or www.qp.gov.ab.ca.

Copies of standards are available by contacting the Health Protection Branch of Alberta Health at 780-427-4518 or by visiting: www.health.alberta.ca/about/health-legislation.html

AIRDRIE Regional Health Centre

604 Main Street South
Airdrie, AB T4B 3K7
Phone: 403-912-8400
Fax: 403-912-8410

BANFF Health Unit

303 Lynx Street
PO Box 1266
Banff, AB T1L 1B3
Phone: 403-762-2990
Fax: 403-762-5570

CALGARY - Southport Atrium

10101 Southport Road SW
Calgary, AB T2W 3N2
Phone: 403-943-2288
Fax: 403-943-8056

CANMORE Public Health

#104, 800 Railway Avenue
Canmore, AB T1W 1P1
Phone: 403-678-5656
Fax: 403-678-5068

CLARESHOLM Health Unit

5221 2nd Street W
PO Box 1391
Claresholm, AB T0L 0T0
Phone: 403 625-4061
Fax: 403-625-4062

COCHRANE Community Health Centre

60 Grande Boulevard
Cochrane, AB T4C 0S4
Phone: 403-851-6000
Fax: 403- 851-6009

OKOTOKS Health and Wellness Centre

11 Cimarron Common
Okotoks, AB T1S 2E9
Phone: 403-995-2600
Fax: 403-995-2639

STRATHMORE Public Health Office

650 Westchester Road
Strathmore, AB T1P 1H8
Phone: 403-361-7200
Fax: 403-361-7244

www.albertahealthservices.ca/eph.asp