



WSH Labs (1992) Ltd.

RECEIVED NOV 15 2016

3851B - 21 Street N.E. • Calgary, Alberta, Canada • T2E 6T5
 Phone: 403-250-9164 • Fax: 403-291-4597 • www.wshlabs.com

Town of Bashaw
 Box 510
 Bashaw, AB T0B 0H0

Phone: 780-372-3911 **Lab Number:** 80708
Fax: 780-372-2335
Email: **PO Number:** 3311

Sample Info: Distribution

Sampled By: MH
Date Sampled: 10/31/2016
Date Received: 11/1/2016
Date Reported: 11/15/2016

Analyte	Units	Result	Canadian Drinking Water Guideline Maximum
Calcium	mg/L	9.4	No Guideline
Iron	mg/L	0.03	0.3
Magnesium	mg/L	1.2	No Guideline
Manganese	mg/L	0.03	0.05
Potassium	mg/L	0.8	No Guideline
Sodium	mg/L	323	200
Bicarbonates	mg/L	563	No Guideline
Bromides	mg/L	0.3	No Guideline
Carbonates	mg/L	17	No Guideline
Chlorides	mg/L	27.4	250
Fluorides	mg/L	0.27	1.5
Nitrates as N	mg/L	<0.02	10
Nitrites as N	mg/L	<0.02	1
NO ₃ + NO ₂ as N	mg/L	<0.02	No Guideline
Sulfates	mg/L	141	500

Parameter	Units	Result	Canadian Drinking Water Guideline Maximum
Electrical Conductivity	µS/cm	1296	No Guideline
pH	pH	8.43	6.5 - 8.5
Hardness (as CaCO ₃)	mg/L	28	No Guideline
Total Alkalinity (as CaCO ₃)	mg/L	496	No Guideline
P-Alkalinity (as CaCO ₃)	mg/L	9	No Guideline
Hydroxide (as CaCO ₃)	mg/L	0	No Guideline
Total Dissolved Solids (calculated)	mg/L	801	500
Sulfides as S	mg/L	<0.03	0.05
Turbidity	NTU	0.6	1
Color	TCU	6	15
Cyanide	mg/L	<0.010	No Guideline
Ammonia Nitrogen	mg/L	<0.9	No Guideline
Bromate	mg/L	<0.010	No Guideline
Total Organic Carbon	mg/L	4.3	No Guideline

Sum of Cations	14.63	TDS / EC Ratio	0.62
Sum of Anions	13.52	Sodium Adsorption Ratio	26.34
Ion Balance	1.08	Saturation Index	0.55



WSH Labs (1992) Ltd.

RECEIVED NOV 15 2016

3851B - 21 Street N.E. • Calgary, Alberta, Canada • T2E 6T5
 Phone: 403-250-9164 • Fax: 403-291-4597 • www.wshlabs.com

Town of Bashaw
 Box 510
 Bashaw, AB T0B 0H0

Phone: 780-372-3911 **Lab Number:** 80708
Fax: 780-372-2335
Email: **PO Number:** 3311

Sample Info: Distribution

Sampled By: MH
Date Sampled: 10/31/2016
Date Received: 11/1/2016
Date Reported: 11/15/2016

Trace Metals	Units	Result	Canadian Drinking Water Guideline Maximum
Boron	µg/L	299	5000
Aluminum	µg/L	<0.2	100
Chromium	µg/L	0.3	50
Copper	µg/L	26.4	1000
Zinc	µg/L	8.4	5000
Arsenic	µg/L	<0.04	10
Selenium	µg/L	0.07	10
Silver	µg/L	2.9	No Guideline
Cadmium	µg/L	<0.05	5
Antimony	µg/L	<0.3	6
Barium	µg/L	35.3	1000
Mercury	µg/L	0.2	1
Lead	µg/L	0.2	10
Uranium	µg/L	0.06	20

Petroleum Hydrocarbons	Units	Result	Canadian Drinking Water Guideline Maximum
BTEX			
Benzene	mg/L	<0.001	0.005
Toluene	mg/L	<0.0002	0.024
Ethyl Benzene	mg/L	<0.0011	0.0024
m,p-Xylene	mg/L	<0.001	No Guideline
o-Xylene	mg/L	<0.001	No Guideline
Total Xylenes (o,m&p)	mg/L	<0.001	0.3

WSH Labs (1992) Ltd. as per: _____

Accredited by CALA to ISO/IEC 17025 for specific tests. The results above are related only to the items analyzed.
 < denotes less than detection limit. TNTC = Too Numerous To Count (>80 colonies).