

JOHN C. KEPHART & CO.
GRAND JUNCTION LABORATORIES

425 NORTH AVENUE ♦ PHONE: (970) 242-7618 ♦ FAX: (970) 243-7235 ♦ GRAND JUNCTION, COLORADO 81501

— ANALYTICAL REPORT —

Received from:

Desert Eagle Services, LLC

Joy Hale

P.O. Box 205

Loma., CO 81524

970-778-0225 FAX 858-7071

Customer No.

Laboratory No.

8874

Sample

water

Date Received

4/29/15

Date Reported

5/15/15

Lab number

8874

Sample ID

SWEVCO SABW

Bar-X #11 4/28/15

Limits, Public Supplies,
by Colo. Dept. Health

pH

6.40

6.5-8.5 acceptable

Conductivity@25 deg. C

104,000 umhos/cm

no official limit

Sodium(Na)

22,500 mg/l

20 mg/l

Calcium(Ca)

1,500 mg/l

no official limit

Magnesium(Mg)

182 mg/l

125 mg/l

Potassium(K)

1,700 mg/l

no official limit

Chloride(Cl)

36,400 mg/l

250 mg/l

Sulfate(SO4)

1430 mg/l

250 mg/l

Phenol. Alkalinity(CaCO3)

0 mg/l

no official limit

Total Alkalinity(CaCO3)

160 mg/l

no official limit

Dissolved Solids

73,100 mg/l

500 mg/l

Hardness (CaCO3)

4,480 mg/l

200 mg/l

NOTES:

Public drinking water supply limits are given for reference.

The pH, Sodium, Magnesium, Chloride, Sulfate, Dissolved Solids, and Hardness were above the suggested limits for public drinking supplies.

The pH indicates the water is acidic, rather than neutral or basic.
The Sodium may be of concern if restricting dietary Sodium. For each liter of water consumed, 22,500 mg of Sodium would be ingested.
Magnesium contributes to Hardness and the overall salt content of the water.

Chloride contributes to the overall salt content of the water and may affect its taste.

Sulfate above 250 mg/l may cause gastrointestinal problems in some individuals.

The Dissolved Solids reading indicates the water is higher in overall salt content than recommended for drinking and household use.

The Hardness value indicates the water may leave mineral deposits and lessen the effectiveness of soap.

For more information regarding drinking water safety, please call the EPA Safe Drinking Water Hotline at 1-800-426-4791.

Lab Dir.: Brian S. Bauer