

ASTRO-CHEM LAB, INC.

4102 2nd Ave. West

Williston, North Dakota 58802-0972
P.O. Box 972

Phone: (701) 572-7355

WATER ANALYSIS REPORT

SAMPLE NUMBER W-13-6795 DATE OF ANALYSIS 10-18-13

COMPANY Ames Water Depot

CITY Williston

STATE ND

WELL NAME AND/OR NUMBER Parshall Depot

DATE RECEIVED 9-27-13

DEPTH

SAMPLE SOURCE

LOCATION OF SEC. TWN. RANGE COUNTY

DISTRIBUTION Lancer Labar

CONDUCTIVITY @ 77°F = 1244.0 µMHOS/cm

pH = 7.32

RESIDUAL SODIUM CARBONATE = -0.40 MEQ/L

HARDNESS = 28.0 Grains/gal

SODIUM ADSORPTION RATIO = 1.78

HARDNESS = 480 mg/L

TOTAL DISSOLVED SOLIDS (CALCULATED) = 1038 mg/L

SODIUM CHLORIDE (CALCULATED) = 16 mg/L

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	6.4	128	CHLORIDE	0.3	10
MAGNESIUM	3.2	39	CARBONATE	0.0	0
SODIUM	3.9	90	BICARBONATE	9.2	561
IRON	0.0	0.0	SULFATE	4.2	203
POTASSIUM	0.1	4	NITRATE-N	0.2	2.4

REMARKS Sampled 9-26-13

ANALYZED BY: C. Jungels