

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-15-2971

Date of Analysis: 05/08/2015

Company: Ames Water Depot

City: Williston

State: ND

Well Number: Athens - North Building

Date Received: 04/15/2015

Depth:

Sample Source:

Location:

Section:

Twp:

Rng:

County:

Distribution: Distribution List

Conductivity @ 77 °F 1857.00 uMHOS/cm pH 7.62

Residual Sodium Carbonate 2.00 MEQ/L Hardness 26.9 Grains/gal

Sodium Adsorption Ratio 5.35 Hardness 460 mg/L

Total Dissolved Solids (Calculated) 1663 mg/L

Sodium Chloride (Calculated) 15 mg/L

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	6.6	132	CHLORIDE	0.3	9
MAGNESIUM	2.6	32	CARBONATE	0.0	0
SODIUM	11.5	264	BICARBONATE	11.2	683
IRON	0.0	0.0	SULFATE	11.1	535
POTASSIUM	0.2	8	NITRATE-N	0.0	0.0

Remarks: Sampled 4-10-15

Analyzed By: C. Jungels

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WATER ANALYSIS REPORT

Sample Number: W-15-2972

Date of Analysis: 05/08/2015

Company: Ames Water Depot

City: Williston

State: ND

Well Number: Athens - South Depot

Date Received: 04/15/2015

Depth:

Sample Source:

Location:

Section:

Twp:

Rng:

County:

Distribution: Distribution List

Conductivity @ 77 °F	2388.00	uMHOS/cm	pH	7.76
Residual Sodium Carbonate	-2.80	MEQ/L	Hardness	43.8 Grains/gal
Sodium Adsorption Ratio	4.61		Hardness	750 mg/L
Total Dissolved Solids (Calculated)	2126	mg/L		
Sodium Chloride (Calculated)	13	mg/L		

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	10.8	216	CHLORIDE	0.2	8
MAGNESIUM	4.2	51	CARBONATE	0.0	0
SODIUM	12.6	290	BICARBONATE	12.2	744
IRON	0.0	0.2	SULFATE	16.8	806
POTASSIUM	0.3	10	NITRATE-N	0.0	0.0

Remarks: Sampled 4-10-15

Analyzed By: C. Jungels