ANALYSIS FOR WATERBORNE PARTICULATES

CH Diagnostic and Consulting Service, Inc.
512 5th Street, Berthoud, CO 80513
P: (970) 532-2078 F: (970) 532-3358

Invoice 20140272

Customer 20001144
AAA Operations, Inc.
48 Millcreek Rd
P.O. Box 134
Dumont, CO 80436
PWSID# CO 0159119

Laboratory Information
UPS; 6/24/2014; 1015 Hrs; 5.6°C; Wound
Results submitted by:

Sample Identification: Alpensee Water System (Summit County), MPA

Sample Information: SOURCE: Drilled Well; 1/4 mile from surface water; 50' deep; Unchlorinated; pH 7.51 —» pH 7.48; 7.9°C; 0.29 NTU —» 0.31 NTU, TREATMENT: Disinfection Only, DISINFECTION: Post-chlorination

Sample Date & Time: 6/23/2014 06:30 AM —» 6/23/2014 04:00 PM **Sampler:** Shay Sims

Amount: 2006.05 L (530 gal) **Filter Color:** Light rust **Filter Type:** Polypropylene wound cartridge

Date/Time Eluted: 6/24/2014 03:00 PM **Centrifugate:** <0.001 mL/100 L

RESULTS OF MICROSCOPIC PARTICULATE ANALYSIS

Amount of sample assayed: 240 L

Amorphous Debris	inorganic precipitate, clay (1-2 µm), silt (2-50 µm), aggregates
Algae	ND
Diatoms	ND
Plant debris	ND
Rotifers	ND
Nematodes	ND
Pollen (pine)	44/100 Gal
Ameba	55/100 Gal
Ciliates	ND
Colorless Flagellates	ND
Crustaceans	ND
Other Arthropods	ND
Other	ND

Giardia and Coccidia are none detected (ND) by MPA unless reported under "Other".

This sample was analyzed for particulates following the Environmental Protection Agency Consensus Method for Determining Groundwaters Under the Direct Influence of Surface Water Using Microscopic Particulate Analysis (MPA). 1992. USEPA, Port Orchard, WA, EPA 910/9-92-029. All limitations stated in the methods apply. If HV capsule or foam filter was received, method was modified by filtering sample through a Pall Envirochek™ HV capsule or IDEXX Filta-Max™ filter at the sample site. If *Giardia* and *Cryptosporidium* Analysis was also performed, particulate extraction was modified.

COMMENTS: Score: 0-Low Risk per EPA Consensus Method referenced above.

LABORATORY ANALYTICAL REPORT

Customer 20001144
AAA Operations, Inc.
48 Mill Creek Rd., PO Box 134
Dumont, CO 80436
PWSID: CO0159119

Invoice Number: 20140272
Received Date & Time: 6/24/2014 10:15AM
Arrival Temperature: 3.6°C

Sample Identification: Alpeness Water System
Sample Information: Source: Drilled Well; 1/4 mile from surface water; 50' deep
pH 7.48, 7.9°C, 0.31 NTU
Sample Date & Time: 6/23/2014 4:00PM **Sampler:** Shay Sims
Volume Sampled: 100 mL **Sample Type:** Grab
Processing Date & Time: 6/25/2014 11:24AM

Analytical Method: Evaluating plant performance with endospores. J. AWWA 88(9)

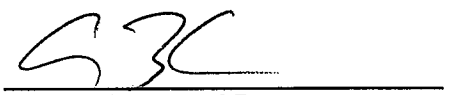
Start Date & Time: 6/25/2014 2:25PM **Amount Analyzed:** 100 mL
Stop Date & Time: 6/26/2014 2:25PM

Dilution factor: N/A

Analytical Results:

Endospores: 5 CFU/100 mL **Reporting Limit:** 1.0

This sample was analyzed for the presence of Aerobic Endospores by the method outlined in the following article: Rice, Egene W., Kim R. Fox, Richard J. Miltner, Darren A. Lytle and Clifford H. Johnson. 1996. Evaluating plant performance with edospores. J. AWWA 88(9): 122-130.



Report Approved By

CH Diagnostic Consulting Service, Inc.
512 5th Street, Berthoud CO 80513
PH: (970) 532 2078 FX: (970) 532 3358

LABORATORY ANALYTICAL REPORT

Customer 20001144
AAA Operations, Inc.
48 Mill Creek Rd., PO Box 134
Dumont, CO 80436
PWSID #: CO 0159119

Invoice Number: 20140272
Received Date & Time: 6/24/2014 10:15AM
Arrival Temperature: 3.0°C

Sample Identification: Surface Water
Sample Information: Source: River
Sample Date & Time: 6/23/2014 4:00PM **Sampler:** Shay Sims
Volume Sampled: 100 mL **Sample Type:** Grab
Processing Date & Time: 6/25/2014 11:24AM

Analytical Method: Evaluating plant performance with endospores. J. AWWA 88(9)

Start Date & Time: 6/25/2014 2:25PM **Amount Analyzed:** 10 mL
Stop Date & Time: 6/26/2014 2:25PM

Dilution factor: N/A

Analytical Results:

Endospores: 620 CFU/100 mL **Reporting Limit:** 1.0

This sample was analyzed for the presence of Aerobic Endospores by the method outlined in the following article: Rice, Egene W., Kim R. Fox, Richard J. Miltner, Darren A. Lytle and Clifford H. Johnson. 1996. Evaluating plant performance with edospores. J. AWWA 88(9): 122-130.

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LABORATORY ANALYTICAL REPORT

Customer 20001144
AAA Operations, Inc.
48 Millcreek Rd.
Dumont, CO 80436
PWSID: CO 0159119

Invoice Number: 20140272
Received Date & Time: 6/24/2014 10:15AM
Arrival Temperature: 3.6°C

Sample Identification: Alpensee Water System (Summit County)
Sample Information: Source: Drilled Well; 1/4 mile from surface water; 50' deep; Unchlorinated
Sample Date & Time: 6/23/2014 4:15PM **Sampler:** Shay Sims
Volume Sampled: 100ml **Sample Type:** Grab
Processing Date & Time: 6/24/2014 12:42PM

Analytical Method: 9223B, IDEXX Colilert® with QuantiTray® 2000

Start Date & Time: 6/24/2014 12:42PM **Amount Analyzed:** 100ml
Stop Date & Time: 6/25/2014 12:42PM

Additional Start Date & Time: N/A **Dilution factor:** N/A
Additional Stop Date & Time: N/A

Analytical Results:

***E. coli* coliform:** 0 MPN/100ml **Analyte Reporting Limit:** 1.0

This sample was analyzed for the presence of Escherichia coli (E. coli) by the method outlined in: Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998, 9223 B, Enzyme Substrate Test. All limitations stated in the method apply.

Report Approved By

Title **Date**

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