



CITY OF  
*Caldwell, Idaho*

**GARRET NANCOLAS**  
Mayor

208.455.3011  
(f) 208.455.3003

*City Hall*  
411 Blaine Street  
Caldwell, Idaho 83605

*Post Office Box*  
P.O. Box 1179  
Caldwell, Idaho 83606

For a list of the City  
Council members, visit:  
*Website*  
www.cityofcaldwell.com

**SALVADOR ARREOLA**  
Wastewater Superintendent

208.455.3027  
(f) 208.453.5032

*Treatment Plant*  
208 Johnson Lane  
Caldwell, Idaho 83605

US EPA Region 10  
1200 Sixth Ave., Suite 900  
OWW-191  
Seattle, WA 98101-3140

December 12, 2017

**Noncompliance Report**  
Caldwell, ID WWTP  
EPA Lab Code: ID00949  
NPDES Permit: ID0021504

To Whom It May Concern:

On December 6, 2017 at 07:55 MDT, the UV disinfection control system experienced a temporary shutdown, which caused a brief loss of UV disinfection of our final effluent. UV disinfection was restored by 08:13 MDT the same day.

The cause of this failure appears to be due to a communication error in the control system. Corrective action has been taken.

An initial grab sample for E coli was taken from the final effluent at 07:59 MDT while the UV disinfection unit down, and another samples was taking at 08:13 MDT after disinfection had resumed. Results for these analyses were received at 08:10 MDT Dec 12, 2017. The results of these analyses are summarized below:

Date	Collection Time	Analysis	Result	Units	Method
12-6-2017	07:59	E coli	>2400	MPN/ 100ml	SM 9223
12-6-2017	08:13	E coli	1	MPN/ 100ml	SM 9223

Reports from Analytical Laboratories Inc. with full details are attached. An estimated 100,000 gallons of effluent was discharged to the Boise River during the outage. There is no anticipated recurrence of this incident.

Thank you for your time and attention to this matter.

Sincerely,



Salvador Arreola



**Analytical  
Laboratories  
Inc**

Analytical Laboratories, Inc.

1804 N. 33rd Street  
Boise, Idaho 83703  
Phone (208) 342-5515

## Laboratory Analysis Report

Sample Number: 1756490

Attn: SALVADOR ARREOLA  
CALDWELL WASTEWATER  
PO BOX 1179  
CALDWELL, ID 83607

Collected By: K. CHATTIN  
Submitted By: B. MILLER

Source of Sample:

FE-G

Time of Collection: 8:13:00  
Date of Collection: 12/6/2017  
Date Received: 12/6/2017  
Report Date: 12/11/2017

PWS:

Field PH: Lab PH:  
Field Temp: Temp in Lab: 4.1

Test Requested	MCL	Result	Units	MDL	Method	Completed	Analyst
Escherichia coli		1	MPN/100mL		SM 9223	12/7/2017	RK

# PRELIMINARY

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions concerning this report,

please contact: James Hibbs



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**Laboratory Analysis Report**

**Sample Number: 1756489**

**Attn: SALVADOR ARREOLA  
CALDWELL WASTEWATER  
PO BOX 1179  
CALDWELL, ID 83607**

**Collected By: K. CHATTIN  
Submitted By: B. MILLER**

**Source of Sample:**

**FE-G**

**Time of  
Collection: 7:59:00**

**Date of  
Collection: 12/6/2017**

**Date Received: 12/6/2017**

**Report Date: 12/11/2017**

**PWS:**

**Field PH: Lab PH:  
Field Temp: Temp in Lab: 4.1**

Test Requested	MCL	Result	Units	MDL	Method	Completed Analyst
Escherichia coli		>2,400	MPN/100mL		SM 9223	12/7/2017 RK

**PRELIMINARY**

Thank you for choosing Analytical Laboratories for your testing needs.

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please contact: **James Hibbs**