



CITY OF  
*Caldwell, Idaho*

**GARRET NANCOLAS**  
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**SALVADOR ARREOLA**  
*Wastewater Superintendent*

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*Treatment Plant*  
208 Johnson Lane  
Caldwell, Idaho 83605

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

July 20, 2017

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

To Whom It May Concern:

On July 18, 2017 at 14:13 MDT, an electrical contractor was providing access for upgrades to the power system in the UV power control panel and unintentionally caused a short to a wire in the panel which opened the breakers to the UV disinfection system, causing the UV disinfection system to lose power for twenty-one minutes. Power was restored to the system and UV treatment resumed at 14:34 MDT the same day, when the electrical wire was repaired and circuit breakers were returned to their proper operating positions.

An initial grab sample for E coli was taken from the final effluent at 14:17 MDT while the UV disinfection unit was without power, and two more samples were taken at 14:37 and 15:20 MDT after disinfection had resumed. A regularly scheduled E coli sample had been taken from the final effluent that morning at 08:26 MDT as well. Results for these analyses were received at 08:10 MDT July 20, 2017. The results of these analyses are summarized below:

Date	Collection Time	Analysis	Result	Units	Method
7/18/2017	08:26 MDT	E. coli	1	MPN/100mL	SM 9223
7/18/2017	14:17 MDT	E. coli	>2,400	MPN/100mL	SM 9223
7/18/2017	14:37 MDT	E. coli	2	MPN/100mL	SM 9223
7/18/2017	15:20 MDT	E. coli	3	MPN/100mL	SM 9223

Reports from Analytical Laboratories Inc. with full details are attached. An estimated 135,356 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