



CITY OF  
*Caldwell, Idaho*

**GARRET NANCOLAS**  
Mayor

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Caldwell, Idaho 83606

For a list of the City  
Council members, visit:  
**Website**  
[www.cityofcaldwell.com](http://www.cityofcaldwell.com)

James Craft  
Compliance Officer  
Idaho Department of Environmental Quality  
Boise Regional Office  
1445 North Orchard Street  
Boise, Idaho 83706

June 17, 2019

Re: Total Suspended Solids Weekly Average on June 4, 2019

Dear Mr. Craft,

On June 3, 2019 the POTW was running on a reduced number of aeration basins and final clarifiers due to the ongoing filter building construction. In anticipation of another tie-in related to this construction, Mr. Aaron Ford, Operator On-Call, was instructed to take one of the remaining aeration basins offline. Unfortunately, during this process Mr. Ford opened the gate too quickly, and subsequently caused a washout of activated sludge. This resulted in a final effluent composite TSS result of 129 mg/L on June 4, 2019. The IPDES effluent permit limit for the weekly average of TSS is 45 mg/L. Two effluent composite samples were taken that week. The result of the other sample, taken June 6, 2019 was 7 mg/L, making the weekly average for effluent TSS 73 mg/L, which is above the weekly average limit. This also made our average weekly TSS effluent loading, for the week of June 2<sup>nd</sup> through June 8<sup>th</sup>, 4,007.75 mg/L. Please note that the analysis results attached for June 6, 2019 erroneously reads June 5, 2019. This was a lab error. We just received the second sample analysis results today, June 17, 2019.

By the time the high solids release was discovered, it had already ceased.

If you have any questions please feel free to contact us for more information.

Sincerely,

Salvador Arreola  
Wastewater Superintendent

Prepared by Kaitlin Chattin

*"The Treasure of the Valley"*



**Analytical  
Laboratories  
Inc**

Analytical Laboratories, Inc.

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

## Laboratory Analysis Report

Sample Number: 1926149

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

Collected By: R. HANSON  
Submitted By: S. CURTIS

Source of Sample:

FE-C

Time of Collection: 7:44:00  
Date of Collection: 6/4/2019  
Date Received: 6/4/2019  
Report Date: 6/12/2019

PWS:

Field PH: Lab PH:  
Field Temp: Temp in Lab: 5.7

Test Requested	MCL	Result	Units	MDL	Method	Completed	Analyst
Ammonia Direct (as N)	UR	2.48	mg/L	0.04	EPA 350.1	6/10/2019	SMC
Total Phosphate, Low Level (as P)		7.71	mg/L	0.005	EPA 365.1	6/9/2019	SMC
Biochemical Oxygen		> 37	mg/L	2	SM 5210 B	6/10/2019	EH
Total Suspended Solids		129	mg/L	2	USGS I-3765	6/6/2019	EH

# 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: 1926797

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

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

**Source of Sample:**

FE-C

**Time of  
Collection:** 7:32:00

**Date of  
Collection:** 6/5/2019 ← *actually 6/6/2019*

**Date Received:** 6/6/2019

**Report Date:**

**PWS:**

**Field PH:**

**Lab PH:**

**Field Temp:**

**Temp in Lab:**

4.0

Test Requested	MCL	Result	Units	MDL	Method	Completed	Analyst
Nitrate + Nitrite (as N)	10		mg/L	0.02	EPA 353.2		
Nitrogen, Total Kjeldahl (TKN)		1.52	mg/L	0.10	EPA 351.2	6/10/2019	DS
Total Nitrogen			mg/L	0.10	Calculation		
Total Phosphate, Low Level (as P)		0.295	mg/L	0.005	EPA 365.1	6/9/2019	SMC
Biochemical Oxygen		4	mg/L	2	SM 5210 B	6/11/2019	EH
Total Suspended Solids		7	mg/L	2	USGS I- 3765	6/10/2019	BDM

# PRELIMINARY

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please contact:

**James Hibbs**