



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

www.analyticallaboratories.com
Lab Federal ID# ID00020

Laboratory Analysis Report

Project: CALDWELL STORMWATER
Report To: ASHLEY NEWBRY
CALDWELL STORMWATER
621 CLEVELAND BLVD
CALDWELL, ID 83605

County: CANYON
Lab/Sample Number: 2510210-01
Sample Location: AP-07 STORMWATER

Phone: (208) 455-3006 Copy:
e-mail: anewbry@cityofcaldwell.org
Date Received: 05/17/2025
Collection Date/Time: 05/17/2025 10:50

Date Printed: 06/18/2025 13:53
Collector's Name:
Transported By:
Temp C Received at Lab: 11.30

Field Measurements

pH: Total Chlorine mg/L: DO mg/L:
Temp C: 17.3 Free Chlorine mg/L: Flow g/min:

Analyte	Result	Units	MRL	MDL	MCL	Analyzed	Analyst	Method	Notes
Inorganics									
Total Phosphate (as P)	0.47	mg/L	0.05	0.03		5/20/25 15:00	GL	EPA 365.4	
Total Suspended Solids	55	mg/L	2	2		5/22/25 9:00	BDM	USGS I-3765	
Microbiology									
Escherichia coli	22	MPN/100mL	1	1		5/18/25 9:30	MNB	SM 9223	
Semivolatiles									
Naphthalene	ND	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Acenaphthylene	ND	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Acenaphthene	ND	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Fluorene	ND	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Phenanthrene	0.210	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Anthracene	0.277	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Fluoranthene	1.47	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Pyrene	1.47	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Benzo[a]anthracene	1.03	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Chrysene	1.73	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Benzo[b]fluoranthene	1.16	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Benzo[k]fluoranthene	0.478	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Benzo[a]pyrene	0.718	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Indeno(1,2,3-cd)pyrene	0.534	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Dibenzo(a,h)anthracene	ND	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Benzo(g,h,i)perylene	ND	ug/L	0.050	0.050		6/13/25 18:14	CG	EPA 8270D SIM	
Surrogate: 2-Fluorophenol	58.7	%2-190							
Surrogate: Phenol-d5	62.0	%10-190							
Surrogate: Nitrobenzene-d5	97.1	%10-190							
Surrogate: 2-Fluorobiphenyl	81.2	%10-190							
Surrogate: 2,4,6-Tribromophenol	111	%10-190							
Surrogate: p-Terphenyl-d14	77.9	%10-190							



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Authorized Signature,

BRIAN MCGOVERN, Client Manager

CC: cbeeson@cityofcaldwell.org

This report shall not be reproduced except in full, without the written approval of the laboratory
The results reported relate only to the samples indicated.

ND - Non Detect
MCL - Maximum Contaminant Level
MDL - Method Detection Limit
MRL - Method Reporting Limit



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Quality Control Data

Inorganics

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0844 - FIA										
Blank (BEE0844-BLK1)					Prepared & Analyzed: 5/20/2025					
Total Phosphate (as P)	ND		0.05	mg/L						
LCS (BEE0844-BS1)					Prepared & Analyzed: 5/20/2025					
Total Phosphate (as P)	0.74		0.05	mg/L	0.745		99.7	85-115		
Duplicate (BEE0844-DUP1)					Prepared & Analyzed: 5/20/2025					
Total Phosphate (as P)	3.31		0.05	mg/L		3.31			0.0332	20
Matrix Spike (BEE0844-MS1)					Prepared & Analyzed: 5/20/2025					
Total Phosphate (as P)	22.1		0.05	mg/L	20.0	3.31	93.8	85-115		

Quality Control Data

Inorganics

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0874 - WetBench2										
Blank (BEE0874-BLK1)					Prepared: 5/21/2025 Analyzed: 5/22/2025					
Total Suspended Solids	ND		2	mg/L						
LCS (BEE0874-BS1)					Prepared: 5/21/2025 Analyzed: 5/22/2025					
Total Suspended Solids	253		2	mg/L	250		101	85-115		
Duplicate (BEE0874-DUP1)					Prepared: 5/21/2025 Analyzed: 5/22/2025					
Total Suspended Solids	380		2	mg/L		380			0.00	20
Duplicate (BEE0874-DUP2)					Prepared: 5/21/2025 Analyzed: 5/22/2025					
Total Suspended Solids	115		2	mg/L		115			0.00	20



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Quality Control Data
(Continued)

Semivolatiles

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BEF0696 - Organics

Blank (BEF0696-BLK1)

Prepared: 5/21/2025 Analyzed: 6/13/2025

Naphthalene	ND		0.050	ug/L						
Acenaphthylene	ND		0.050	ug/L						
Acenaphthene	ND		0.050	ug/L						
Fluorene	ND		0.050	ug/L						
Phenanthrene	ND		0.050	ug/L						
Anthracene	ND		0.050	ug/L						
Fluoranthene	ND		0.050	ug/L						
Pyrene	ND		0.050	ug/L						
Benzo[a]anthracene	ND		0.050	ug/L						
Chrysene	ND		0.050	ug/L						
Benzo[b]fluoranthene	ND		0.050	ug/L						
Benzo[k]fluoranthene	ND		0.050	ug/L						
Benzo[a]pyrene	ND		0.050	ug/L						
Indeno(1,2,3-cd)pyrene	0.158	C	0.050	ug/L						
Dibenzo(a,h)anthracene	0.166	C	0.050	ug/L						
Benzo(g,h,i)perylene	0.209	C	0.050	ug/L						
Surrogate: 2-Fluorophenol			23.4	ug/L	40.0		58.5	2-190		
Surrogate: Phenol-d5			15.1	ug/L	40.0		37.7	10-190		
Surrogate: Nitrobenzene-d5			38.5	ug/L	40.0		96.2	10-190		
Surrogate: 2-Fluorobiphenyl			32.8	ug/L	40.0		81.9	10-190		
Surrogate: 2,4,6-Tribromophenol			38.3	ug/L	40.0		95.7	10-190		
Surrogate: p-Terphenyl-d14			32.0	ug/L	40.0		80.1	10-190		

LCS (BEF0696-BS1)

Prepared: 5/21/2025 Analyzed: 6/13/2025

Naphthalene	9.62		0.050	ug/L	10.0		96.2	50-150		
Acenaphthylene	10.1		0.050	ug/L	10.0		101	50-150		
Acenaphthene	9.72		0.050	ug/L	10.0		97.2	50-150		
Fluorene	9.51		0.050	ug/L	10.0		95.1	50-150		
Phenanthrene	9.38		0.050	ug/L	10.0		93.8	50-150		
Anthracene	9.15		0.050	ug/L	10.0		91.5	50-150		
Fluoranthene	9.74		0.050	ug/L	10.0		97.4	50-150		
Pyrene	11.0		0.050	ug/L	10.0		110	50-150		
Benzo[a]anthracene	9.44		0.050	ug/L	10.0		94.4	50-150		
Chrysene	9.57		0.050	ug/L	10.0		95.7	50-150		
Benzo[b]fluoranthene	9.39		0.050	ug/L	10.0		93.9	50-150		
Benzo[k]fluoranthene	11.0		0.050	ug/L	10.0		110	50-150		
Benzo[a]pyrene	10.6		0.050	ug/L	10.0		106	50-150		
Indeno(1,2,3-cd)pyrene	9.40		0.050	ug/L	10.0		94.0	50-150		
Dibenzo(a,h)anthracene	9.77		0.050	ug/L	10.0		97.7	50-150		
Benzo(g,h,i)perylene	9.48		0.050	ug/L	10.0		94.8	50-150		
Surrogate: 2-Fluorophenol			11.2	ug/L	10.0		112	2-190		
Surrogate: Phenol-d5			11.4	ug/L	10.0		114	10-190		
Surrogate: Nitrobenzene-d5			11.6	ug/L	10.0		116	10-190		
Surrogate: 2-Fluorobiphenyl			11.8	ug/L	10.0		118	10-190		
Surrogate: 2,4,6-Tribromophenol			10.2	ug/L	10.0		102	10-190		
Surrogate: p-Terphenyl-d14			11.6	ug/L	10.0		116	10-190		

C Low level interference. Sample values are higher than interference.

REV. 2/19/12