



Zalco
Laboratories, Inc.

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

October 07, 2025

Richie Lawrence

North Kern Water Storage District
P O BOX 81435
Bakersfield, CA 93380
RE: Irrigation Analysis

Zalco Work Order: 2509519
Zalco Project:

Enclosed are the results of analyses for samples received by our laboratory on 9/26/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, reading "Andrea Magana". The signature is written in a cursive, flowing style.

Andrea Magana For Juan Magana
Laboratory Technical Manager



**Zalco
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North Kern Water Storage District
P O BOX 81435
Bakersfield, CA 93380

Project: Irrigation Analysis
Project Number: Irrigation Analysis
Project Manager: Richie Lawrence

Reported:
10/07/2025 14:01

Sample Results

Sample Name: Kimberlina

Sampled Date - Time: 9/26/2025 7:50:00AM

Lab ID: 2509519-01

Matrix: Water

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
---------	--------	-----------------	-----	-------	----------	------------------	--------	---------------------	------

Solids

Total Suspended Solids	5.2	2.5	0.33	mg/L	1	9/29/25 14:23	SM 2540 D	TP	
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Project: Irrigation Analysis
Project Number: Irrigation Analysis
Project Manager: Richie Lawrence

Reported:
10/07/2025 14:01

Sample Results

(Continued)

Sample Name: Stiff House

Sampled Date - Time: 9/26/2025 8:08:00AM

Lab ID: 2509519-02

Matrix: Water

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Solids

Total Suspended Solids	18	2.5	0.33	mg/L	1	9/29/25 14:23	SM 2540 D	TP	
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The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



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Project: Irrigation Analysis
Project Number: Irrigation Analysis
Project Manager: Richie Lawrence

Reported:
10/07/2025 14:01

Sample Results

(Continued)

Sample Name: 7th Standard

Sampled Date - Time: 9/26/2025 8:33:00AM

Lab ID: 2509519-03

Matrix: Water

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Solids

Total Suspended Solids	12	2.5	0.33	mg/L	1	9/29/25 14:23	SM 2540 D	TP	
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Bakersfield, CA 93380

Project: Irrigation Analysis
Project Number: Irrigation Analysis
Project Manager: Richie Lawrence

Reported:
10/07/2025 14:01

Sample Results

(Continued)

Sample Name: CT 1 @ Zachary

Sampled Date - Time: 9/26/2025 8:53:00AM

Lab ID: 2509519-04

Matrix: Water

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Solids

Total Suspended Solids	ND	2.5	0.33	mg/L	1	9/29/25 14:23	SM 2540 D	TP	
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Project: Irrigation Analysis
Project Number: Irrigation Analysis
Project Manager: Richie Lawrence

Reported:
10/07/2025 14:01

Sample Results

(Continued)

Sample Name: Head of Beardsley

Sampled Date - Time: 9/26/2025 9:44:00AM

Lab ID: 2509519-05

Matrix: Water

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Solids

Total Suspended Solids	12	2.5	0.33	mg/L	1	9/29/25 14:23	SM 2540 D	TP	
-------------------------------	-----------	-----	------	------	---	---------------	-----------	----	--

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

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Project: Irrigation Analysis
Project Number: Irrigation Analysis
Project Manager: Richie Lawrence

Reported:
10/07/2025 14:01

Quality Control

Solids

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5I00873 - WetChem

Blank (5I00873-BLK1)

Total Suspended Solids ND 2.5 mg/L Prepared & Analyzed: 9/29/2025

Duplicate (5I00873-DUP1)

Total Suspended Solids 2400 2.5 mg/L Prepared & Analyzed: 9/29/2025

2400 0.00 10

Reference (5I00873-SRM1)

Total Suspended Solids 100 mg/L Prepared & Analyzed: 9/29/2025

100 101 70-130



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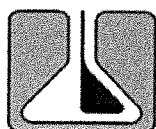
North Kern Water Storage District
P O BOX 81435
Bakersfield, CA 93380

Project: Irrigation Analysis
Project Number: Irrigation Analysis
Project Manager: Richie Lawrence

Reported:
10/07/2025 14:01

Notes and Definitions

Item	Definition
Dry	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

**ZALCO LABORATORIES, INC.**

Analytical and Consulting Services

www.zalcolabs.com

4309 Armour Avenue, Bakersfield, CA 93308

(661) 395-0539 FAX (661) 395-3069

North Kern Water Storage District
33380 Cawelo Ave.
Bakersfield, CA 93308

Laboratory No: 2509519-01
Date Received: 09/26/25
Analysis Date: 09/26/25
Date Reported: 10/07/25

Attention: Richie Lawrence

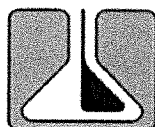
Sample Identification: Kimberlina
Sampled by: Jorge Gonzalez Date: 9/26/2025 Time: 7:50:00 AM

IRRIGATION WATER ANALYSIS

pH..... 7.71
Specific Conductance 531
(micromhos/cm @ 25 C)

Specific Conductance (SC):..... 0.531
(millimhos/cm @ 25 C)

<u>Constituents</u>	<u>mg/L</u>	<u>meq/L</u>
Calcium, Ca	31	1.5
Magnesium, Mg	3.2	0.26
Sodium, Na	51	2.20
Potassium, K	2.0	0.051
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	0	0
Bicarbonate, HCO3	59	0.97
Chloride, Cl	61	1.7
Sulfate, SO4	81	1.7
Nitrate, NO3	4.0	0.065
Totals (Sum)	269	8.4
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	300	
Calculated Hardness, CaCO3	91	
Sodium Adsorption Ratio, SAR	2.3	
Exchangeable Sodium Percentage, ESP	2.1	
Cation/Anion Balance, %	6%	
Langelier Scale Index	-0.30	

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North Kern Water Storage District
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Bakersfield, CA 93308

Laboratory No: 2509519-02
Date Received: 09/26/25
Analysis Date: 09/26/25
Date Reported: 10/07/25

Attention: Richie Lawrence

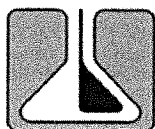
Sample Identification: Stiff House
Sampled by: Jorge Gonzalez Date: 9/26/2025 Time: 8:08:00 AM

IRRIGATION WATER ANALYSIS

pH..... 7.74
Specific Conductance 457
(micromhos/cm @ 25 C)

Specific Conductance (SC):..... 0.457
(millimhos/cm @ 25 C)

Constituents	mg/L	meq/L
Calcium, Ca	29	1.4
Magnesium, Mg	3.4	0.28
Sodium, Na	45	2.00
Potassium, K	2.2	0.056
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO ₃	0.0	0
Bicarbonate, HCO ₃	59	0.96
Chloride, Cl	43	1.2
Sulfate, SO ₄	64	1.3
Nitrate, NO ₃	3.7	0.06
Totals (Sum)	226	7.3
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	280	
Calculated Hardness, CaCO ₃	91	
Sodium Adsorption Ratio, SAR	2.1	
Exchangeable Sodium Percentage, ESP	1.8	
Cation/Anion Balance, %	0%	
Langelier Scale Index	-0.30	

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North Kern Water Storage District
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Bakersfield, CA 93308

Laboratory No: 2509519-03
Date Received: 09/26/25
Analysis Date: 09/26/25
Date Reported: 10/07/25

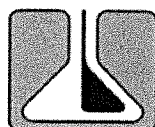
Attention: Richie Lawrence

Sample Identification: 7th Standard
Sampled by: Jorge Gonzalez Date: 9/26/2025 Time: 8:33:00 AM

IRRIGATION WATER ANALYSIS

pH.....	8.00		
Specific Conductance	176	Specific Conductance (SC):.....	0.176
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

Constituents	mg/L	meq/L
Calcium, Ca	13	0.7
Magnesium, Mg	2.4	0.2
Sodium, Na	10	0.43
Potassium, K	1.8	0.046
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	0.0	0
Bicarbonate, HCO3	61	1
Chloride, Cl	5	0.13
Sulfate, SO4	13	0.27
Nitrate, NO3	1.2	0.019
Totals (Sum)	83	2.7
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	120	
Calculated Hardness, CaCO3	42	
Sodium Adsorption Ratio, SAR	0.7	
Exchangeable Sodium Percentage, ESP	-0.2	
Cation/Anion Balance, %	9%	
Langelier Scale Index	-0.35	

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North Kern Water Storage District
33380 Cawelo Ave.
Bakersfield, CA 93308

Laboratory No: 2509519-04
Date Received: 09/26/25
Analysis Date: 09/26/25
Date Reported: 10/07/25

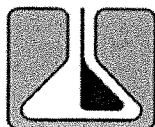
Attention: Richie Lawrence

Sample Identification: CT 1 @ Zachary
Sampled by: Jorge Gonzalez Date: 9/26/2025 Time: 8:53:00 AM

IRRIGATION WATER ANALYSIS

pH.....	8.35		
Specific Conductance	283	Specific Conductance (SC):.....	0.283
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

Constituents	mg/L	meq/L
Calcium, Ca	5.8	0.3
Magnesium, Mg	0.09	0.0076
Sodium, Na	38	1.70
Potassium, K	0.81	0.021
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	1.5	0.05
Bicarbonate, HCO3	59	0.97
Chloride, Cl	16	0.45
Sulfate, SO4	36	0.75
Nitrate, NO3	2.5	0.04
Totals (Sum)	136	4.3
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	140	
Calculated Hardness, CaCO3	15	
Sodium Adsorption Ratio, SAR	4.3	
Exchangeable Sodium Percentage, ESP	4.8	
Cation/Anion Balance, %	10%	
Langelier Scale Index	-0.36	

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Bakersfield, CA 93308

Laboratory No: 2509519-05
Date Received: 09/26/25
Analysis Date: 09/26/25
Date Reported: 10/07/25

Attention: Richie Lawrence

Sample Identification: Head of Beardsley
Sampled by: Jorge Gonzalez Date: 9/26/2025 Time: 9:44:00 AM

IRRIGATION WATER ANALYSIS

pH.....	7.94		
Specific Conductance	169	Specific Conductance (SC):.....	0.169
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

Constituents	mg/L	meq/L
Calcium, Ca	11	0.6
Magnesium, Mg	2.20	0.18
Sodium, Na	10	0.42
Potassium, K	1.8	0.046
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	0.0	0
Bicarbonate, HCO3	60	0.98
Chloride, Cl	4.7	0.13
Sulfate, SO4	10	0.2
Nitrate, NO3	1.3	0.021
Totals (Sum)	76	2.5
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	88	
Calculated Hardness, CaCO3	37	
Sodium Adsorption Ratio, SAR	0.7	
Exchangeable Sodium Percentage, ESP	-0.2	
Cation/Anion Balance, %	11%	
Langelier Scale Index	-0.48	



BSK Associates Bakersfield
4820 Rosedale Ln
Bakersfield, CA 93314
661-327-0671 (Main)

BII0624

10/03/2025

Invoice: BI02916

Andrea Magana
Zalco Laboratories
4309 Armour Avenue
Bakersfield, CA 93308

RE: Report for BII0624 General

Dear Andrea Magana,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 9/30/2025. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2016 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Client Services Representative, Misty Orton, at 661-327-0671.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

A handwritten signature in black ink, reading 'Misty Orton', is displayed above a horizontal line.

Misty Orton, Project Manager

Case Narrative**Project and Report Details**

Client: Zalco Laboratories
Report To: Andrea Magana
Project #: 2509519
Received: 9/30/2025 - 09:16
Report Due: 10/06/2025

Invoice Details

Invoice To: Zalco Laboratories
Invoice Attn: Andrea Magana
Project PO#: -

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt °C: 0.5

Containers Intact
COC/Labels Agree
Received On Blue Ice
Sample(s) arrived at lab on same day sampled.
Packing Material - Other
Sample(s) were received in temperature range.
Initial receipt at BSK-BAL

Data Qualifiers

The following qualifiers have been applied to one or more analytical results:

None applied

Report Distribution

Recipient(s)	Report Format	CC:
Andrea Magana	FINAL.RPT	Julian@zalcolabs.com
Ashlee Gonzalez	FINAL.RPT	admin@zalcolabs.com



BII0624

General

2509519

Certificate of Analysis

Sample ID: BII0624-01

Sampled By: Client

Sample Description: 2509519-01

Sample Date - Time: 09/26/2025 - 07:50

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	5.0	2.0	ug/L	1	AIJ0037	10/01/25	10/02/25	



BII0624

General

2509519

Certificate of Analysis

Sample ID: BII0624-02

Sampled By: Client

Sample Description: 2509519-02

Sample Date - Time: 09/26/2025 - 08:08

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	4.8	2.0	ug/L	1	AIJ0037	10/01/25	10/02/25	



BII0624

General

2509519

Certificate of Analysis

Sample ID: BII0624-03

Sampled By: Client

Sample Description: 2509519-03

Sample Date - Time: 09/26/2025 - 08:33

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	6.9	2.0	ug/L	1	AIJ0037	10/01/25	10/02/25	



BII0624

General

2509519

Certificate of Analysis

Sample ID: BII0624-04

Sampled By: Client

Sample Description: 2509519-04

Sample Date - Time: 09/26/2025 - 08:53

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	3.8	2.0	ug/L	1	AIJ0037	10/01/25	10/02/25	



BII0624

General

2509519

Certificate of Analysis

Sample ID: BII0624-05

Sampled By: Client

Sample Description: 2509519-05

Sample Date - Time: 09/26/2025 - 09:44

Matrix: Water

Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 200.8	6.9	2.0	ug/L	1	AIJ0037	10/01/25	10/02/25	

BSK Associates Laboratory Fresno
Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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EPA 200.8 - Quality Control

Batch: AIJ0037

Prepared: 10/1/2025

Prep Method: EPA 200.2

Analyst: RAA

Blank (AIJ0037-BLK1)

Arsenic	ND	2.0	ug/L							10/02/25
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Blank Spike (AIJ0037-BS1)

Arsenic	240	2.0	ug/L	240	ND	99	85-115			10/02/25
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Blank Spike Dup (AIJ0037-BSD1)

Arsenic	240	2.0	ug/L	240	ND	99	85-115	0	20	10/02/25
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Matrix Spike (AIJ0037-MS1), Source: AI3631-02

Arsenic	240	2.0	ug/L	240	2.8	97	70-130			10/02/25
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Matrix Spike (AIJ0037-MS2), Source: AI3692-03

Arsenic	240	2.0	ug/L	240	6.0	99	70-130			10/02/25
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Matrix Spike Dup (AIJ0037-MSD1), Source: AI3631-02

Arsenic	240	2.0	ug/L	240	2.8	99	70-130	2	20	10/02/25
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Matrix Spike Dup (AIJ0037-MSD2), Source: AI3692-03

Arsenic	250	2.0	ug/L	240	6.0	100	70-130	1	20	10/02/25
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Certificate of Analysis

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.
Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible.

Certificate of Analysis

Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

Please see the individual Subcontract Lab's report for applicable certifications.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

Certificate of Analysis

Certifications: Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

Bakersfield

State of California - ELAP 1180-S3

Fresno

State of California - ELAP 1180

Los Angeles CSD 9254479

State of Nevada NV-C25-00194

EPA UCMR5 CA00079

State of Hawaii 4021

NELAP certified 4021-025

State of Oregon - NELAP 4021-025

State of Washington C997-25

Sacramento

State of California - ELAP 1180-S1

San Bernardino

State of California - ELAP 1180-S2

NELAP certified 4119-010

Los Angeles CSD 9254478

State of Oregon - NELAP 4119-010

Vancouver

NELAP certified WA100008-021

State of Washington C824-25

State of Oregon - NELAP WA100008-021

Sample Integrity

BSK Bottles: Yes NoPage 1 of 1

COC Info	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$	Yes	No	NA	Were correct containers and preservatives received for the tests requested?	Yes	No	NA
	If samples were taken today, is there evidence that chilling has begun?	Yes	No	NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes	No	NA
	Did all bottles arrive unbroken and intact?	Yes	No		Was a sufficient amount of sample received?	Yes	No	
	Did all bottle labels agree with COC?	Yes	No		Do samples have a hold time <72 hours?	Yes	No	
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes	NA		Was PM notified of discrepancies? PM: _____ dt: _____ email scan copy	Yes	No	NA
Bottles Received " " means preservation/chlorine checks are either N/A or are performed in the lab	250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	15				
	Bacti $\text{Na}_2\text{S}_2\text{O}_3$	—	—					
	None (P) White Label	—	—					
	Cr6 (P) Lt. Green Label/Blue Cap $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ DW	Cl, pH > 8	P F					
	Cr6 (P) Pink Label/Blue Cap $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ WW	pH 9.3-9.7	P F					
	Cr6 (P) Black Label/Blue Cap $\text{NH}_4\text{OH}(\text{NH}_4)_2\text{SO}_4$ 7199 ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
	HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—	10				
	H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
	NaOH (P) Green Cap/Label	Cl, pH > 10	P F					
	$\text{NaOH} + \text{ZnAc}$ (P)	pH > 9	P F					
	Dissolved Oxygen 300ml (g)	—	—					
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
	HCl (AG) Lt. Blue Label O&G, Diesel	—	—					
	Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—					
	Na_2SO_3 (AG) Neon Green Label 515	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ 1 Liter (Brown P) 549	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ (AG) Blue Label 548, THM, 524	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ (CG) Blue Label 504, 505, 547	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3 + \text{MCAA}$ (CG) Orange Label 531	pH < 3	P F					
	NH_4Cl (AG) Purple Label 552	—	—					
	EDA (P) or (AG) Brown Label DBPs	—	—					
	HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624	—	—					
	Ascorbic Acid (AG) TCP DWRL	—	—					
	Buffer pH 4 (CG)	—	—					
	H_3PO_4 (CG) Salmon Label	—	—					
	Trizma - EPA 537.1 Light Blue Label FB	—	—					
	Ammonia Acetate - EPA 533 Purple Label FB	—	—					
	Bottle Water	—	—					
Clear Glass: Jar / VOA	—	—						
OTHER:	—	—						
Split	Container	Preservative	Lot #	Initials	Date/Time	Preservation	Check	
	S P					pH Lot #		
Comments	S P					CI Lot #		
	*Preservation check completed by lab performing analysis.				✓ Indicates Blanks Received			
				504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP ___				
				✓ MS/MSD Received Method: _____				
Labeled by: _____				Checked by: _____				

Scanned: mm

Rush/Short HT Page: _____ Time: _____

SUBCONTRACT ORDER

Zalco Laboratories, Inc

2509519

BII0624

Zalco0539

09/30/2025



4

SENDING LABORATORY:

Zalco Laboratories, Inc
4309 Armour Ave
Bakersfield, CA 93308
Phone: 661.395.0539
Fax: N/A
Project Manager: Juan Magana

RECEIVING LABORATORY:

BSK Analytical Laboratories
691 N. Laverne Avenue, Suite 101
Fresno, CA 93727
Phone : (559) 497-2888
Fax: (559) 485-6935

NON POTABLE

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2509519-01	Water	Sampled:09/26/25 07:50		No EDT Needed
As-200.8	10/03/25 09:00	03/25/26 07:50		
Containers Supplied:				
Sample ID: 2509519-02	Water	Sampled:09/26/25 08:08		No EDT Needed
As-200.8	10/03/25 09:00	03/25/26 08:08		
Containers Supplied:				
Sample ID: 2509519-03	Water	Sampled:09/26/25 08:33		No EDT Needed
As-200.8	10/03/25 09:00	03/25/26 08:33		
Containers Supplied:				
Sample ID: 2509519-04	Water	Sampled:09/26/25 08:53		No EDT Needed
As-200.8	10/03/25 09:00	03/25/26 08:53		
Containers Supplied:				
Sample ID: 2509519-05	Water	Sampled:09/26/25 09:44		No EDT Needed
As-200.8	10/03/25 09:00	03/25/26 09:44		
Containers Supplied:				

Temp. 0.5
#es

RUSH!
4 DAY

Amc
Released By
LNL

9/29/25
9-30-25
Date

Received By
Maria Ramirez 9.30.25/0916
Date

WE BZP



SAMPLE TRANSIT ORDER

BII0624

Misty Orton

Receipt temp @ FAL: 0-4Thermometer/ IR Gun ID: 609SENDING LABORATORY:RECEIVING LABORATORY:

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

Project Manager: Misty Orton
E-mail: misty@bskassociates.com

Turnaround (Days): 4
QC Deliverables: I Std III IV

Client: Zalco Laboratories

Sample ID	Samp Desc	Sample Date
BII0624-01	2509519-01	09/26/2025 07:50
Lab Matrix:	Water	
Analysis:	Arsenic, CA DW ICPMS	
BII0624-02	2509519-02	09/26/2025 08:08
Lab Matrix:	Water	
Analysis:	Arsenic, CA DW ICPMS	
BII0624-03	2509519-03	09/26/2025 08:33
Lab Matrix:	Water	
Analysis:	Arsenic, CA DW ICPMS	
BII0624-04	2509519-04	09/26/2025 08:53
Lab Matrix:	Water	
Analysis:	Arsenic, CA DW ICPMS	
BII0624-05	2509519-05	09/26/2025 09:44
Lab Matrix:	Water	
Analysis:	Arsenic, CA DW ICPMS	

Containers Included

BII0624-01	A	Z- 125mL P / HNO3
BII0624-02	A	Z- 125mL P / HNO3
BII0624-03	A	Z- 125mL P / HNO3
BII0624-04	A	Z- 125mL P / HNO3
BII0624-05	A	Z- 125mL P / HNO3

Released By _____ Date _____

Received By _____

Date _____

Released By _____ Date _____

Received By _____

Date _____

ВП0624

PM: Misty Orton

09/30/2025

Zalco0539

4

BSK Bottles: Yes ☐ No ☒ Page 1 of 1

COC Info	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No NA
	Did all bottles arrive unbroken and intact?	Yes No	Bubbles Present VOAs (524.2/TCP/TTHM)?	Yes No NA
	Was a sufficient amount of sample received?	Yes No	TB Received? (Check Method Below)	Yes No NA
	Do samples have a hold time < 72 hours?	Yes No	Was PM notified of discrepancies?	Yes No NA
	Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes No NA	PM: By/Time:	

Bottles Received	Checks	Passed?	1-5						
250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	---	---							
Bacti Na2S2O3	---	---							
None (P) White Cap	---	---							
Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)SO4 DW	Cl, pH > 8	P F							
Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)SO4 WW	pH 9.3 - 9.7	P F							
Cr6 (P) Black Label/Blue Cap NH4OH(NH4)SO4 7199 ***24 HOUR HOLD TIME***	pH 9.0 - 9.5	P F							
HNO3 (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label	---	---	1D						
H2SO4 (P) or (AG) Yellow Cap/Label	pH < 2	P F							
NaOH (P) Green Cap	Cl, pH > 10	P F							
NaOH + ZnAc (P)	pH > 9	P F							
Dissolved Oxygen 300ml (g)	---	---							
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	---	---							
HCl (AG) Lt. Blue Label O&G, Diesel	---	---							
Ascorbic, EDTA, KH2Ct (AG) Pink Label 525	---	---							
Na2SO3 250ml (AG) Neon Green Label 515	---	---							
Na2S2O3 1 Liter (Brown P) 549	---	---							
Na2S2O3 (AG) Blue Label 548, THM, 524	---	---							
Na2S2O3 (CG) Blue Label 504, 505, 547	---	---							
Na2S2O3 + MCAA (CG) Orange Label 531	pH < 3	P F							
NH4Cl (AG) Purple Label 552	---	---							
EDA (AG) Brown Label DBPs	---	---							
HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624	---	---							
Buffer pH 4 (CG)	---	---							
H3PO4 (CG) Salmon Label	---	---							
250mL P / Trizma 537.1	---	---							
250mL P/Ammonium Acetate - EPA533	---	---							
Asbestos 1L (P) / LL Metals Bottle	---	---							
Bottled Water	---	---							
Clear Glass Jar/VOA	---	---							
Solids: Brass / Steel / Plastic Bag	---	---							
Ascorbic Acid (AG) TCP DWRL	---	---							
Other:	---	---							

Split		Container	Preservative/Lot#	Date/Time/Initials		Container	Preservative/Lot#	Date/Time/Initials
	S P				S P			
	S P				S P			

Comments		✓ Indicates Blanks Received
	504_____524.2_____TCP_____	
	TTHM_____537_____8260/624_____	

Preservation Check: pH Lot#

CI Lot#	
---------	--

Labels

Checked by:

JK @ 174

Scanned by:

JC @ 0958

RUSH

Paged by:

@