



Zalco  
Laboratories, Inc.

4309 Armour Ave.  
Bakersfield, CA 93308  
661.395.0539

February 09, 2026

Richie Lawrence

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

Zalco Work Order: 2601464

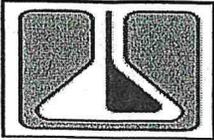
Zalco Project:

Enclosed are the results of analyses for samples received by our laboratory on 1/30/2026. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Andrea Magana For Juan Magana  
Laboratory Technical Manager



**ZALCO LABORATORIES, INC.**  
 4309 Armour Avenue, Bakersfield, CA 93308  
 Phone: (661) 395-0539  
 Website: www.zalcolabs.com

CHAIN OF CUSTODY, ID# **2001404**

PO:   
 Project ID:

ANALYSIS REQUESTED

COMPANY	North Kern Water Storage District										<b>RUSH!</b>	Turnaround Time:		
CONTACT	Richie Lawrence											Routine:	<input type="checkbox"/>	(10 Business Days)
PHONE	661-978-9182											Rush By:	<input checked="" type="checkbox"/>	5 Working Days
ADDRESS	33390 Camelo Ave Bakersfield Ca 93308											EDT:	<input checked="" type="checkbox"/>	NO EW
E-MAIL	rlawrence@northkernwsd.com											CLIP: (DIST/PERSON)	<input type="checkbox"/>	
SAMPLER (SIGNATURE)	<i>[Signature]</i>										System#	<input type="checkbox"/>		
												Client Declined State Submittal	<input checked="" type="checkbox"/>	EW
												EMAIL:	<input checked="" type="checkbox"/>	X

LAB #	SAMPLE DESCRIPTION	DATE SAMPLED	TIME SAMPLED	Irrigation	TSS	Arsenic						Sample Matrix	Type of Container (s)	Number of Containers	Chlorine Residual	Temperature °C		
1	Kimberlina	1-30-26	8:00AM	X	X	X						NP	P	2	-	-		
2	Stiff House	1-30-26	8:20AM	X	X	X						NP	P	2	-	-	13.1°C	
3	7th Standard	1-30-26	9:00AM	X	X	X						NP	P	2	-	-		
4	CTI @ Zephyr	1-30-26	9:15AM	X	X	X						NP	P	2	-	-		
5	Head of Beardsley	1-30-26	9:50AM	X	X	X						NP	P	2	-	-		

Relinquished By:	Company:	Date:	Time:	Received By:	Date:	Time:	Company:
<i>[Signature]</i>		1/30/26	10:31	AMC	1/30/26	10:31	Zalco

**NOTE:** Samples Discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.

**Sample Type Key:** NP-Non-Potable; BS-Biosolid; DW-Drinking Water; GW-Groundwater; G-Gas; LPG-Liquid Petroleum Gas; OL-Oil; P-Petroleum; S-Solid/Soil; ST-Storm water; WW-Wastewater; L-Liquid; Aq-Aqueous



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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:**  
02/09/2026 12:57

### Sample Results

**Sample Name:** Kimberlina

**Sampled Date - Time:** 1/30/2026 8:00:00AM

**Lab ID:** 2601464-01

**Matrix:** Water

**Sample Type:** Grab

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

Total Suspended Solids	ND		2.5	0.33	mg/L	1	2/5/26 17:30	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.

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

**Reported:**  
02/09/2026 12:57

**Sample Results**  
(Continued)

**Sample Name:** Stiff House

**Sampled Date - Time:** 1/30/2026 8:20:00AM

**Lab ID:** 2601464-02

**Matrix:** Water

**Sample Type:** Grab

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

<b>Total Suspended Solids</b>	<b>3.9</b>		2.5	0.33	mg/L	1	2/5/26 17:30	SM 2540 D	TP
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Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
02/09/2026 12:57

**Sample Results**  
(Continued)

**Sample Name:** 7th Standard

**Sampled Date - Time:** 1/30/2026 9:00:00AM

**Lab ID:** 2601464-03

**Matrix:** Water

**Sample Type:** Grab

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

**Solids**

Total Suspended Solids	ND		2.5	0.33	mg/L	1	2/5/26 17:30	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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Bakersfield, CA 93380

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

**Reported:**  
02/09/2026 12:57

**Sample Results**

(Continued)

**Sample Name:** CT1 @ Zachary

**Sampled Date - Time:** 1/30/2026 9:15:00AM

**Matrix:** Water

**Lab ID:** 2601464-04

**Sample Type:** Grab

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

**Solids**

Total Suspended Solids	ND		2.5	0.33	mg/L	1	2/5/26 17:30	SM 2540 D	TP
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Bakersfield, CA 93380

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

**Reported:**  
02/09/2026 12:57

**Sample Results**

(Continued)

**Sample Name: Head Of Beardsley**

**Sampled Date - Time:** 1/30/2026 9:50:00AM

**Matrix:** Water

**Lab ID: 2601464-05**

**Sample Type:** Grab

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

<b>Total Suspended Solids</b>	<b>3.3</b>		2.5	0.33	mg/L	1	2/5/26 17:30	SM 2540 D	TP
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Project: Irrigation Analysis  
Project Number: Irrigation Analysis  
Project Manager: Richie Lawrence

**Reported:**  
02/09/2026 12:57

### Quality Control

#### Solids

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: 6B00145 - WetChem</b>										
<b>Blank (6B00145-BLK1)</b>										
Total Suspended Solids	ND		2.5	mg/L						
Prepared & Analyzed: 2/5/2026										
<b>Duplicate (6B00145-DUP1)</b>										
<b>Source: 2602040-01</b>										
Total Suspended Solids	290		2.5	mg/L		290			2.06	10
Prepared & Analyzed: 2/5/2026										
<b>Reference (6B00145-SRM1)</b>										
Total Suspended Solids	97			mg/L	100		96.8	70-130		
Prepared & Analyzed: 2/5/2026										

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

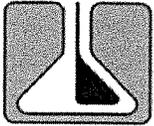
**Reported:**  
02/09/2026 12:57

### Notes and Definitions

<b>Item</b>	<b>Definition</b>
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.

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Analytical and Consulting Services

4309 Armour Avenue, Bakersfield, CA 93308

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

North Kern Water Storage District  
33380 Cawelo Avenue  
Bakersfield, CA 93308

Laboratory No: 2601464-01  
Date Received: 01/30/26  
Analysis Date: 01/30/26  
Date Reported: 02/09/26

Attention: Richie Lawrence

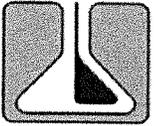
Sample Identification: Kimberlina  
Sampled by: Client

Date: 1/30/2026 Time: 8:00:00 AM

**IRRIGATION WATER ANALYSIS**

pH.....	8.24		
Specific Conductance .....	178	Specific Conductance (SC):.....	0.178
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

<u>Constituents</u>	<u>mg/L</u>	<u>meq/L</u>
Calcium, Ca	12	0.6
Magnesium, Mg	2.5	0.21
Sodium, Na	12	0.52
Potassium, K	1.8	0.046
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	1.3	0.04
Bicarbonate, HCO3	60	0.98
Chloride, Cl	5.7	0.16
Sulfate, SO4	12	0.25
Nitrate, NO3	0.77	0.012
Totals (Sum)	84	2.8
Boron, B	0.11	
Total Dissolved Solids, (Gravimetric)	130	
Calculated Hardness, CaCO3	40	
Sodium Adsorption Ratio, SAR	0.8	
Exchangeable Sodium Percentage, ESP	-0.1	
Cation/Anion Balance, %	8%	
Langelier Scale Index	-0.14	



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33380 Cawelo Avenue  
Bakersfield, CA 93308

Laboratory No: 2601464-02  
Date Received: 01/30/26  
Analysis Date: 01/30/26  
Date Reported: 02/09/26

Attention: Richie Lawrence

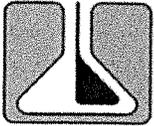
Sample Identification: Stiff House  
Sampled by: Client

Date: 1/30/2026 Time: 8:20:00 AM

**IRRIGATION WATER ANALYSIS**

pH.....	8.38		
Specific Conductance .....	140	Specific Conductance (SC):.....	0.140
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

<u>Constituents</u>	<u>mg/L</u>	<u>meq/L</u>
Calcium, Ca	9.3	0.5
Magnesium, Mg	1.8	0.15
Sodium, Na	9.4	0.41
Potassium, K	1.5	0.038
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	2.8	0.09
Bicarbonate, HCO3	50	0.81
Chloride, Cl	5.1	0.14
Sulfate, SO4	8.3	0.17
Nitrate, NO3	< 0.50	0
Totals (Sum)	67	2.3
Boron, B	< 0.10	
Total Dissolved Solids, (Gravimetric)	95	
Calculated Hardness, CaCO3	31	
Sodium Adsorption Ratio, SAR	0.7	
Exchangeable Sodium Percentage, ESP	-0.2	
Cation/Anion Balance, %	14%	
Langelier Scale Index	-0.18	



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North Kern Water Storage District  
33380 Cawelo Avenue  
Bakersfield, CA 93308

Laboratory No: 2601464-03  
Date Received: 01/30/26  
Analysis Date: 01/30/26  
Date Reported: 02/09/26

Attention: Richie Lawrence

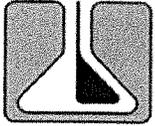
Sample Identification: 7th Standard  
Sampled by: Client

Date: 1/30/2026 Time: 9:00:00 AM

## IRRIGATION WATER ANALYSIS

pH.....	8.27		
Specific Conductance .....	188	Specific Conductance (SC):.....	0.188
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

<u>Constituents</u>	<u>mg/L</u>	<u>meq/L</u>
Calcium, Ca	14	0.7
Magnesium, Mg	2.7	0.22
Sodium, Na	13	0.57
Potassium, K	1.8	0.046
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	0.0	0
Bicarbonate, HCO3	65	1.07
Chloride, Cl	5.4	0.15
Sulfate, SO4	13	0.27
Nitrate, NO3	< 0.50	0
<b>Totals (Sum)</b>	<b>90</b>	<b>3.0</b>
Boron, B	0.12	
Total Dissolved Solids, (Gravimetric)	140	
Calculated Hardness, CaCO3	46	
Sodium Adsorption Ratio, SAR	0.8	
Exchangeable Sodium Percentage, ESP	-0.1	
Cation/Anion Balance, %	4%	
Langelier Scale Index	-0.02	



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North Kern Water Storage District  
33380 Cawelo Avenue  
Bakersfield, CA 93308

Laboratory No: 2601464-04  
Date Received: 01/30/26  
Analysis Date: 01/30/26  
Date Reported: 02/09/26

Attention: Richie Lawrence

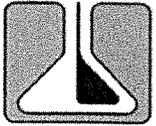
Sample Identification: CT 1 @ Zachary  
Sampled by: Client Date: 1/30/2026 Time: 9:15:00 AM

**IRRIGATION WATER ANALYSIS**

pH..... 9.24  
Specific Conductance ..... 178  
(micromhos/cm @ 25 C)

Specific Conductance (SC):..... 0.178  
(millimhos/cm @ 25 C)

Constituents	mg/L	meq/L
Calcium, Ca	12	0.6
Magnesium, Mg	2.5	0.21
Sodium, Na	13	0.57
Potassium, K	1.7	0.043
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	15	0.49
Bicarbonate, HCO3	46	0.76
Chloride, Cl	6.3	0.18
Sulfate, SO4	12	0.25
Nitrate, NO3	0.52	0.0084
Totals (Sum)	85	3.1
Boron, B	0.11	
Total Dissolved Solids, (Gravimetric)	120	
Calculated Hardness, CaCO3	40	
Sodium Adsorption Ratio, SAR	0.9	
Exchangeable Sodium Percentage, ESP	0.1	
Cation/Anion Balance, %	13%	
Langelier Scale Index	0.85	



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North Kern Water Storage District  
33380 Cawelo Avenue  
Bakersfield, CA 93308

Laboratory No: 2601464-05  
Date Received: 01/30/26  
Analysis Date: 01/30/26  
Date Reported: 02/09/26

Attention: Richie Lawrence

Sample Identification: Head of Beardsley  
Sampled by: Client Date: 1/30/2026 Time: 9:50:00 AM

### IRRIGATION WATER ANALYSIS

pH.....	7.90		
Specific Conductance .....	181	Specific Conductance (SC):.....	0.181
(micromhos/cm @ 25 C)		(millimhos/cm @ 25 C)	

<u>Constituents</u>	<u>mg/L</u>	<u>meq/L</u>
Calcium, Ca	14	0.7
Magnesium, Mg	2.8	0.23
Sodium, Na	11	0.48
Potassium, K	1.8	0.046
Alkalinity as:		
Hydroxide, OH	0.0	0
Carbonate, CO3	0	0
Bicarbonate, HCO3	61	1.01
Chloride, Cl	5.0	0.14
Sulfate, SO4	12	0.25
Nitrate, NO3	< 0.50	0
<b>Totals (Sum)</b>	<b>84</b>	<b>2.9</b>
Boron, B	0.13	
Total Dissolved Solids, (Gravimetric)	130	
Calculated Hardness, CaCO3	46	
Sodium Adsorption Ratio, SAR	0.7	
Exchangeable Sodium Percentage, ESP	-0.2	
Cation/Anion Balance, %	4%	
Langelier Scale Index	-0.42	



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

**BJB0001**

**2/06/2026**

Invoice: BJ00495

Andrea Magana  
Zalco Laboratories  
4309 Armour Avenue  
Bakersfield, CA 93308

**RE: Report for BJB0001 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 2/2/2026. 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,

---

Misty Orton, Project Manager

**Case Narrative**

Project and Report Details	Invoice Details
----------------------------	-----------------

<b>Client:</b> Zalco Laboratories <b>Report To:</b> Andrea Magana <b>Project #:</b> 2601464 <b>Received:</b> 2/02/2026 - 09:23 <b>Report Due:</b> 2/09/2026	<b>Invoice To:</b> Zalco Laboratories <b>Invoice Attn:</b> Andrea Magana <b>Project PO#:</b> -
---	--

**Sample Receipt Conditions**

<b>Cooler:</b> Default Cooler <b>Temperature on Receipt °C:</b> 0.9	Containers Intact COC/Labels Agree Received On 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



**BJB0001**

*General*

2601464

### Certificate of Analysis

**Sample ID:** BJB0001-01  
**Sampled By:** Client  
**Sample Description:** 2601464-01

**Sample Date - Time:** 01/30/2026 - 08:00  
**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	AJB0076	02/03/26	02/04/26	

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**BJB0001**

*General*

2601464

### Certificate of Analysis

**Sample ID:** BJB0001-02  
**Sampled By:** Client  
**Sample Description:** 2601464-02

**Sample Date - Time:** 01/30/2026 - 08:20  
**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	3.2	2.0	ug/L	1	AJB0076	02/03/26	02/04/26	

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**BJB0001**

*General*

2601464

### Certificate of Analysis

**Sample ID:** BJB0001-03  
**Sampled By:** Client  
**Sample Description:** 2601464-03

**Sample Date - Time:** 01/30/2026 - 09:00  
**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	3.4	2.0	ug/L	1	AJB0076	02/03/26	02/04/26	

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**BJB0001**

*General*

2601464

### Certificate of Analysis

**Sample ID:** BJB0001-04  
**Sampled By:** Client  
**Sample Description:** 2601464-04

**Sample Date - Time:** 01/30/2026 - 09:15  
**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	AJB0076	02/03/26	02/04/26	

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**BJB0001**

*General*

2601464

### Certificate of Analysis

**Sample ID:** BJB0001-05  
**Sampled By:** Client  
**Sample Description:** 2601464-05

**Sample Date - Time:** 01/30/2026 - 09:50  
**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	3.4	2.0	ug/L	1	AJB0076	02/03/26	02/04/26	

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**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: AJB0076

Prepared: 2/3/2026

Prep Method: EPA 200.2

Analyst: KME

**Blank (AJB0076-BLK1)**

Arsenic	ND	2.0	ug/L							02/04/26	
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**Blank Spike (AJB0076-BS1)**

Arsenic	240	2.0	ug/L	240	ND	102	85-115			02/04/26	
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**Blank Spike Dup (AJB0076-BSD1)**

Arsenic	240	2.0	ug/L	240	ND	100	85-115	1	20	02/04/26	
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**Matrix Spike (AJB0076-MS1), Source: BJB0012-01**

Arsenic	270	2.0	ug/L	240	28	102	70-130			02/04/26	
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**Matrix Spike Dup (AJB0076-MSD1), Source: BJB0012-01**

Arsenic	280	2.0	ug/L	240	28	104	70-130	2	20	02/04/26	
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

## 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**

**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-C25-00264

EPA UCMR5 CA00079

State of Hawaii 4021

NELAP certified 4021-026

State of Oregon - NELAP 4021-026

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 **No** Page 1 of 1

COC Info		Yes	No	NA	Were correct containers and preservatives received for the tests requested?		Yes	No
Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$		<b>Yes</b>	No	NA			<b>Yes</b>	No
If samples were taken today, is there evidence that chilling has begun?		<b>Yes</b>	No	NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)		Yes	No <b>NA</b>
Did all bottles arrive unbroken and intact?		<b>Yes</b>	No		Was a sufficient amount of sample received?		<b>Yes</b>	No
Did all bottle labels agree with COC?		<b>Yes</b>	No		<b>Do samples have a hold time &lt;72 hours?</b>		<b>Yes</b>	No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		Yes	<b>NA</b>		Was PM notified of discrepancies? PM: dt: email scan copy		Yes	No <b>NA</b>
250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)		Checks*	Passed?		<b>1-5</b>			
Bacti Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		—	—					
None (P) White Label		—	—					
Cr6 (P) Lt. Green Label/Blue Cap NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> DW		Cl, pH > 8	P	F				
Cr6 (P) Pink Label/Blue Cap NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> WW		pH 9.3-9.7	P	F				
Cr6 (P) Black Label/Blue Cap NH <sub>4</sub> OH(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> 7199 ***24 HOUR HOLD TIME***		pH 9.0-9.5	P	F				
HNO <sub>3</sub> (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label		—	—		<b>10</b>			
H <sub>2</sub> SO <sub>4</sub> (P) or (AG) Yellow Label		pH < 2	P	F				
NaOH (P) Green Cap/Label		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, KH <sub>2</sub> Ct (AG) Pink Label 525		—	—					
Na <sub>2</sub> SO <sub>3</sub> (AG) Neon Green Label 515		—	—					
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 1 Liter (Brown P) 549		—	—					
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (AG) Blue Label 548, THM, 524		—	—					
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (CG) Blue Label 504, 505, 547		—	—					
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (CG) Orange Label 531		pH < 3	P	F				
NH <sub>4</sub> Cl (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 <sub>3</sub> PO <sub>4</sub> (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 #	CI Lot #	
	S P							
Comments	*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:					

SUBCONTRACT ORDER

Zalco Laboratories, Inc  
2601464

BJB0001 Zalco0539 02/02/2026



5

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

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2601464-01	Water	Sampled:01/30/26 08:00	[REDACTED]	No EDT Needed
As-200.8	02/06/26 09:00	07/29/26 08:00		
Containers Supplied:				
Sample ID: 2601464-02	Water	Sampled:01/30/26 08:20	[REDACTED]	No EDT Needed
As-200.8	02/06/26 09:00	07/29/26 08:20		
Containers Supplied:				
Sample ID: 2601464-03	Water	Sampled:01/30/26 09:00	[REDACTED]	No EDT Needed
As-200.8	02/06/26 09:00	07/29/26 09:00		
Containers Supplied:				
Sample ID: 2601464-04	Water	Sampled:01/30/26 09:15	[REDACTED]	No EDT Needed
As-200.8	02/06/26 09:00	07/29/26 09:15		
Containers Supplied:				
Sample ID: 2601464-05	Water	Sampled:01/30/26 09:50	[REDACTED]	No EDT Needed
As-200.8	02/06/26 09:00	07/29/26 09:50		
Containers Supplied:				

NON POTABLE

TEMPO, 9  
FOS

**RUSH!**  
5 DAY

AMC

2/2/26

Received By

Date

WL

2/2/26

Mania Ramirez

2/2/26 @ 923

Received By

Date

WI-BI



SAMPLE TRANSIT ORDER

BJB0001

Misty Orton



Receipt temp @ FAL: 57

Thermometer/ IR Gun ID: 69

SENDING LABORATORY:

RECEIVING LABORATORY:

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

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

Turnaround (Days): 5
QC Deliverables: I Std III IV

Client: Zalco Laboratories

Table with columns: Sample ID, Samp Desc, Client Matrix, Water, Sample Date. Contains 5 rows of sample data (BJB0001-01 to BJB0001-05) with analysis details for Arsenic, CA DW ICPMS.

Containers Included

Table with 3 columns: Sample ID, Container Type (A), and Description (Z- 125mL P / HNO3). Lists containers for samples BJB0001-01 through BJB0001-05.

Released By / Date and Received By / Date fields with handwritten signatures and dates (02-03-26).

**SAMPLE TRANSIT INTEGRITY**

BJB0001  
02/02/2026  
Zalco0539  
5



PM: Misty Orton

BSK Bottles: Yes No Page 1 of 1

COC Info	Was temperature within range? Chemistry ≤ 6°C Micro ≤ 8°C		Yes	No	NA	Were correct containers and preservatives received for the tests requested?		Yes	No	NA	
	Did all bottles arrive unbroken and intact?	<u>Yes</u>	No				Bubbles Present VOAs (524.2/TCP/TTHM)?		Yes	No	NA
Was a sufficient amount of sample received?	<u>Yes</u>	No				TB Received? (Check Method Below)		Yes	No	NA	
Do samples have a hold time <72 hours?	Yes	<u>No</u>				Was PM notified of discrepancies? PM: By/Time:		Yes	No	NA	
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	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) 125ml(D) 40ml VOA(V)	Checks	Passed?			1-5					
	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	---	---				10				
	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 (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						
Comments							✓ Indicates Blanks Received 504 _____ 524.2 _____ TCP _____ TTHM _____ 537 _____ 8260/624 _____				

Preservation Check: pH Lot# \_\_\_\_\_ CI Lot# \_\_\_\_\_  
 Labels \_\_\_\_\_  
 Checked by: AM @ 1570 Scanned by: [Signature] @ \_\_\_\_\_  
 RUSH Paged by: \_\_\_\_\_ @ \_\_\_\_\_