Zalco
Laboratories, Inc.
4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

November 10, 2026

Richie Lawrence

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

RE: Irrigation Analysis

Zalco Work Order: 2610504

Zalco Project:

Enclosed are the results of analyses for samples received by our laboratory on 10/27/2026. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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#** 2610504

PO:
Project ID:

**ANALYSIS REQUESTED**

| | |
|---|---|
| COMPANY | North Kern water Storage District |
| CONTACT | Richie Lawrence |
| PHONE | 661-978-9182 |
| ADDRESS | 33380 Cawelo Av Bakersfield CA 93308 |
| AP/Email | rlawrence@northkernwsd.com |
| Report E-mail | |
| SAMPLER (SIGNATURE) | |

RUSH!

**Turnaround Time:**

| | | |
|---|---|---|
| Routine: | | (10 Business Days) |
| Rush By: | 5 | Working Days |
| EDT: | No | J.G |
| CLIP: (DIST/PERSON) | | |
| System# | | |
| Client Declined State Submittal | X | J.G |
| EMAIL: | X | |

Received Temp: Paris 9.9°C

NOTES: 9.9°C

| LAB # | SAMPLE DESCRIPTION | DATE SAMPLED | TIME SAMPLED | TSS | Irrigation Arsenic | | | | | | | Sample Matrix | Type of Container (s) | Number of Containers | Chlorine Residual | Field Temperature °C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kimberlina | 10-27-26 | 7:55 | X | X | X | | | | | | NP | P | 2 | — | — |
| 2 | Stiff House | 10-27-26 | 8:18 | X | X | X | | | | | | NP | P | 2 | — | — |
| 3 | 7th Standard | 10-27-26 | 8:42 | X | X | X | | | | | | NP | P | 2 | — | — |
| 4 | CTI @ Zachary | 10-27-26 | 9:23 | X | X | X | | | | | | NP | P | 2 | — | — |
| 5 | Herb of Bradley | 10-27-26 | 10:02 | X | X | X | | | | | | NP | P | 2 | — | — |
| | | | | | | | | | | | | | | | | |
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| Relinquished By: | Company: | Date: | Time: | Received By: | Date: | Time: | Company: |
|---|---|---|---|---|---|---|---|
| Jorge Gonzalez | | 10/27/26 | 10:51 | HLS | 10/27/26 | 10:51 | 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 | Project: Irrigation Analysis | |
| P O BOX 81435 | Project Number: Irrigation Analysis | **Reported:** |
| Bakersfield, CA 93380 | Project Manager: Richie Lawrence | 11/10/2026 11:32 |

## Sample Results

**Sample Name:** **Kimberlina**
**Lab ID:** **2610504-01**

**Sampled Date - Time:** 10/27/2026 7:55:00AM
**Matrix:** Water
**Sample Type:** Grab

| Analyte | Result | Qual | Report Limt | MDL | Units | Dilution | Date Analyzed | Method | Analyst Initials |
|---|---|---|---|---|---|---|---|---|---|
| **Solids** | | | | | | | | | |
| Total Suspended Solids | ND | | 2.5 | 0.33 | mg/L | 1 | 10/30/26 16:27 | SM 2540 D-2015 | 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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| | | |
|---|---|---|
| North Kern Water Storage District | Project: Irrigation Analysis | |
| P O BOX 81435 | Project Number: Irrigation Analysis | **Reported:** |
| Bakersfield, CA 93380 | Project Manager: Richie Lawrence | 11/10/2026 11:32 |

## Sample Results

**(Continued)**

**Sample Name:** **Stiff House**
**Lab ID:** **2610504-02**

**Sampled Date - Time:** 10/27/2026 8:18:00AM
**Matrix:** Water
**Sample Type:** Grab

| Analyte | Result | Qual | Report Limt | MDL | Units | Dilution | Date Analyzed | Method | Analyst Initials |
|---|---|---|---|---|---|---|---|---|---|
| **Solids** | | | | | | | | | |
| **Total Suspended Solids** | **4.9** | | 2.5 | 0.33 | mg/L | 1 | 10/30/26 16:27 | SM 2540 D-2015 | TP |

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| | | |
|---|---|---|
| North Kern Water Storage District | Project: Irrigation Analysis | |
| P O BOX 81435 | Project Number: Irrigation Analysis | **Reported:** |
| Bakersfield, CA 93380 | Project Manager: Richie Lawrence | 11/10/2026 11:32 |

## Sample Results

**(Continued)**

**Sample Name:** **7th Standard**
**Lab ID:** **2610504-03**

**Sampled Date - Time:** 10/27/2026 8:42:00AM
**Matrix:** Water
**Sample Type:** Grab

| Analyte | Result | Qual | Report Limt | MDL | Units | Dilution | Date Analyzed | Method | Analyst Initials |
|---|---|---|---|---|---|---|---|---|---|
| **Solids** | | | | | | | | | |
| Total Suspended Solids | ND | | 2.5 | 0.33 | mg/L | 1 | 10/30/26 16:27 | SM 2540 D-2015 | TP |

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| | | |
|---|---|---|
| North Kern Water Storage District | Project: Irrigation Analysis | |
| P O BOX 81435 | Project Number: Irrigation Analysis | **Reported:** |
| Bakersfield, CA 93380 | Project Manager: Richie Lawrence | 11/10/2026 11:32 |

## Sample Results

**(Continued)**

**Sample Name:** **CT 1 @ Zachary**
**Lab ID:** **2610504-04**

**Sampled Date - Time:** 10/27/2026 9:23:00AM
**Matrix:** Water
**Sample Type:** Grab

| Analyte | Result | Qual | Report Limt | MDL | Units | Dilution | Date Analyzed | Method | Analyst Initials |
|---|---|---|---|---|---|---|---|---|---|
| **Solids** | | | | | | | | | |
| Total Suspended Solids | ND | | 2.5 | 0.33 | mg/L | 1 | 10/30/26 16:27 | SM 2540 D-2015 | TP |

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| | | |
|---|---|---|
| North Kern Water Storage District | Project: Irrigation Analysis | |
| P O BOX 81435 | Project Number: Irrigation Analysis | **Reported:** |
| Bakersfield, CA 93380 | Project Manager: Richie Lawrence | 11/10/2026 11:32 |

## Sample Results

**(Continued)**

**Sample Name:** **Head of Beardsey**
**Lab ID:** **2610504-05**

**Sampled Date - Time:** 10/27/2026 10:02:00AM
**Matrix:** Water
**Sample Type:** Grab

| Analyte | Result | Qual | Report Limt | MDL | Units | Dilution | Date Analyzed | Method | Analyst Initials |
|---|---|---|---|---|---|---|---|---|---|
| **Solids** | | | | | | | | | |
| **Total Suspended Solids** | **2.8** | | 2.5 | 0.33 | mg/L | 1 | 10/30/26 16:27 | SM 2540 D-2015 | TP |

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| | | |
|---|---|---|
| North Kern Water Storage District | Project: Irrigation Analysis | |
| P O BOX 81435 | Project Number: Irrigation Analysis | **Reported:** |
| Bakersfield, CA 93380 | Project Manager: Richie Lawrence | 11/10/2026 11:32 |

# Quality Control

## Solids

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Batch: 6K00013 - WetChem*** | | | | | | | | | | |
| **Blank (6K00013-BLK1)** | | | | | Prepared & Analyzed: 10/30/2026 | | | | | |
| Total Suspended Solids | ND | | 2.5 | mg/L | | | | | | |
| **Duplicate (6K00013-DUP1)** | | **Source: 2610514-01** | | | Prepared & Analyzed: 10/30/2026 | | | | | |
| Total Suspended Solids | 3.1 | | 2.5 | mg/L | | 2.9 | | | 7.33 | 10 |

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| | | |
|---|---|---|
| North Kern Water Storage District | Project: Irrigation Analysis | |
| P O BOX 81435 | Project Number: Irrigation Analysis | **Reported:** |
| Bakersfield, CA 93380 | Project Manager: Richie Lawrence | 11/10/2026 11:32 |

## 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. |

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**ZALCO LABORATORIES, INC.**
Analytical and Consulting Services
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www.zalcolabs.com
(661) 395-0539 FAX (661) 395-3069

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

Attention: Richie Lawrence

| | |
|---|---|
| Laboratory No: | 2610504-01 |
| Date Received: | 10/27/26 |
| Analysis Date: | 10/27/26 |
| Date Reported: | 11/10/26 |

Sample Identification: Kimberlina
Sampled by: Jorge Gonzalez Date: 10/27/2026 Time: 7:55:00 AM

## IRRIGATION WATER ANALYSIS

pH..... 7.75
Specific Conductance ..... 623 (micromhos/cm @ 25 C)
Specific Conductance (SC):..... 0.623 *(millimhos/cm @ 25 C)*

| Constituents | mg/L | meq/L |
|---|---|---|
| Calcium, Ca | 52 | 2.6 |
| Magnesium, Mg | 2.5 | 0.21 |
| Sodium, Na | 66 | 2.90 |
| Potassium, K | 2.4 | 0.061 |
| Alkalinity as: | | |
| Hydroxide, OH | 0.0 | 0 |
| Carbonate, CO3 | 0.0 | 0 |
| Bicarbonate, HCO3 | 58 | 0.96 |
| Chloride, Cl | 75 | 2.1 |
| Sulfate, SO4 | 120 | 2.5 |
| Nitrate, NO3 | 16 | 0.26 |
| Totals (Sum) | 369 | 11.6 |
| Boron, B | < 0.10 | |
| Total Dissolved Solids, (Gravimetric) | 390 | |
| Calculated Hardness, CaCO3 | 140 | |
| Sodium Adsorption Ratio, SAR | 2.4 | |
| Exchangeable Sodium Percentage, ESP | 2.2 | |
| Cation/Anion Balance, % | 2% | |
| Langelier Scale Index | -0.05 | |

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Bakersfield, CA 93308

Attention: Richie Lawrence

| | |
|---|---|
| Laboratory No: | 2610504-02 |
| Date Received: | 10/27/26 |
| Analysis Date: | 10/27/26 |
| Date Reported: | 11/10/26 |

Sample Identification: Stiff House
Sampled by: Jorge Gonzalez Date: 10/27/2026 Time: 8:18:00 AM

## IRRIGATION WATER ANALYSIS

pH..... 8.43
Specific Conductance ..... 637 (micromhos/cm @ 25 C)
Specific Conductance (SC):..... 0.637 *(millimhos/cm @ 25 C)*

| Constituents | mg/L | meq/L |
|---|---|---|
| Calcium, Ca | 53 | 2.6 |
| Magnesium, Mg | 2.9 | 0.24 |
| Sodium, Na | 67 | 2.90 |
| Potassium, K | 2.3 | 0.059 |
| Alkalinity as: | | |
| Hydroxide, OH | 0.0 | 0 |
| Carbonate, CO3 | 4.0 | 0.13 |
| Bicarbonate, HCO3 | 65 | 1.07 |
| Chloride, Cl | 74 | 2.1 |
| Sulfate, SO4 | 120 | 2.5 |
| Nitrate, NO3 | 15 | 0.24 |
| Totals (Sum) | 376 | 11.8 |
| Boron, B | < 0.10 | |
| Total Dissolved Solids, (Gravimetric) | 390 | |
| Calculated Hardness, CaCO3 | 140 | |
| Sodium Adsorption Ratio, SAR | 2.4 | |
| Exchangeable Sodium Percentage, ESP | 2.2 | |
| Cation/Anion Balance, % | 3% | |
| Langelier Scale Index | 0.72 | |

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33380 Cawelo Ave.
Bakersfield, CA 93308

Attention: Richie Lawrence

| | |
|---|---|
| Laboratory No: | 2610504-03 |
| Date Received: | 10/27/26 |
| Analysis Date: | 10/27/26 |
| Date Reported: | 11/10/26 |

Sample Identification: 7th Standard
Sampled by: Jorge Gonzalez Date: 10/27/2026 Time: 8:42:00 AM

## IRRIGATION WATER ANALYSIS

pH..... 7.92
Specific Conductance ..... 186 (micromhos/cm @ 25 C)
Specific Conductance (SC):..... 0.186 *(millimhos/cm @ 25 C)*

| Constituents | mg/L | meq/L |
|---|---|---|
| Calcium, Ca | 15 | 0.8 |
| Magnesium, Mg | 2.8 | 0.23 |
| Sodium, Na | 14 | 0.61 |
| Potassium, K | 2.0 | 0.051 |
| Alkalinity as: | | |
| Hydroxide, OH | 0.0 | 0 |
| Carbonate, CO3 | 0.0 | 0 |
| Bicarbonate, HCO3 | 71 | 1.16 |
| Chloride, Cl | 6.7 | 0.19 |
| Sulfate, SO4 | 20 | 0.42 |
| Nitrate, NO3 | < 1 | 0 |
| Totals (Sum) | 103 | 3.4 |
| Boron, B | 0.15 | |
| Total Dissolved Solids, (Gravimetric) | 110 | |
| Calculated Hardness, CaCO3 | 49 | |
| Sodium Adsorption Ratio, SAR | 0.9 | |
| Exchangeable Sodium Percentage, ESP | 0.1 | |
| Cation/Anion Balance, % | 8% | |
| Langelier Scale Index | -0.30 | |

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

Attention: Richie Lawrence

| | |
|---|---|
| Laboratory No: | 2610504-04 |
| Date Received: | 10/27/26 |
| Analysis Date: | 10/27/26 |
| Date Reported: | 11/10/26 |

Sample Identification: CT 1 @ Zachary
Sampled by: Jorge Gonzalez Date: 10/27/2026 Time: 9:23:00 AM

## IRRIGATION WATER ANALYSIS

pH..... 8.57
Specific Conductance ..... 216 (micromhos/cm @ 25 C)
Specific Conductance (SC):..... 0.216 *(millimhos/cm @ 25 C)*

| Constituents | mg/L | meq/L |
|---|---|---|
| Calcium, Ca | 15 | 0.8 |
| Magnesium, Mg | 2.3 | 0.19 |
| Sodium, Na | 20 | 0.87 |
| Potassium, K | 1.8 | 0.046 |
| Alkalinity as: | | |
| Hydroxide, OH | 0.0 | 0 |
| Carbonate, CO3 | 6.2 | 0.21 |
| Bicarbonate, HCO3 | 58 | 0.96 |
| Chloride, Cl | 12 | 0.34 |
| Sulfate, SO4 | 29 | 0.6 |
| Nitrate, NO3 | < 1 | 0 |
| Totals (Sum) | 119 | 4.0 |
| Boron, B | 0.11 | |
| Total Dissolved Solids, (Gravimetric) | 130 | |
| Calculated Hardness, CaCO3 | 47 | |
| Sodium Adsorption Ratio, SAR | 1.3 | |
| Exchangeable Sodium Percentage, ESP | 0.7 | |
| Cation/Anion Balance, % | 10% | |
| Langelier Scale Index | 0.30 | |

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

Attention: Richie Lawrence

| | |
|---|---|
| Laboratory No: | 2610504-05 |
| Date Received: | 10/27/26 |
| Analysis Date: | 10/27/26 |
| Date Reported: | 11/10/26 |

Sample Identification: Head of Beardley
Sampled by: Jorge Gonzalez Date: 10/27/2026 Time: 10:02:00 AM

## IRRIGATION WATER ANALYSIS

pH..... 8.11
Specific Conductance ..... 187 (micromhos/cm @ 25 C)
Specific Conductance (SC):..... 0.187 *(millimhos/cm @ 25 C)*

| Constituents | mg/L | meq/L |
|---|---|---|
| Calcium, Ca | 16 | 0.8 |
| Magnesium, Mg | 3.0 | 0.25 |
| Sodium, Na | 14 | 0.61 |
| Potassium, K | 2.0 | 0.051 |
| Alkalinity as: | | |
| Hydroxide, OH | 0.0 | 0 |
| Carbonate, CO3 | 0.0 | 0 |
| Bicarbonate, HCO3 | 67 | 1.1 |
| Chloride, Cl | 6.6 | 0.19 |
| Sulfate, SO4 | 21 | 0.44 |
| Nitrate, NO3 | < 1 | 0 |
| Totals (Sum) | 103 | 3.4 |
| Boron, B | 0.11 | |
| Total Dissolved Solids, (Gravimetric) | 120 | |
| Calculated Hardness, CaCO3 | 52 | |
| Sodium Adsorption Ratio, SAR | 0.8 | |
| Exchangeable Sodium Percentage, ESP | -0.1 | |
| Cation/Anion Balance, % | 5% | |
| Langelier Scale Index | -0.11 | |

Zalco Laboratories, Inc.

# Sample Receipt Checklist

COC ID: 2610504

Page 1 of 1

Checklist Completed: HLS Date/Time: 10:51 10/27/26

Sample Transport: GLS FEDEX UPS (WALK-IN) FIELD REP OTHER

| | YES | NO |
|---|---|---|
| Was temperature within range? Chemistry ≤ 6°C Micro ≤ 10°C | X | |
| Shipping container intact? | NA | |
| Chain of Custody present? | X | |
| Chain of Custody agrees with sample labels? | X | |
| Chain of Custody filled out completely? | X | |
| Zero headspace in VOA? (NA) | | |
| Samples received on: (Ice) Blue Ice No Ice | | |

Temperature Received: (A) 9.9 °C / (C) 9.8 °C Thermometer ID: CS-001

If any discrepancies, a response must be detailed below:

| Sample Containers | Sample Numbers | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | -1 | -2 | -3 | -4 | -5 | -6 | -7 | -8 | -9 | -10 |
| 100PU | | | | | | | | | | |
| 500PU | | | | | | | | | | |
| 1LPU | 2 | 2 | 2 | 2 | 2 | | | | | |
| 2LPU | | | | | | | | | | |
| 250APU | | | | | | | | | | |
| 500APU | | | | | | | | | | |
| 1LAPU | | | | | | | | | | |
| 100PHNO3 | | | | | | | | | | |
| 500PHNO3 | | | | | | | | | | |
| 500PH2SO4 | | | | | | | | | | |
| 500PNaOH | | | | | | | | | | |
| 500PZnNaOH | | | | | | | | | | |
| 125AGU | | | | | | | | | | |
| 250AGU | | | | | | | | | | |
| 500AGU | | | | | | | | | | |
| 1LAGU | | | | | | | | | | |
| 250AGNH4Cl | | | | | | | | | | |
| 1LAGHCl | | | | | | | | | | |
| 1LAGH2SO4 | | | | | | | | | | |
| 1LAGTHIO | | | | | | | | | | |
| 4OGU | | | | | | | | | | |
| 8OGU | | | | | | | | | | |
| 16OGU | | | | | | | | | | |
| 1LGU | | | | | | | | | | |
| 1LMJ | | | | | | | | | | |
| 2LMJ | | | | | | | | | | |
| VOAU | | | | | | | | | | |
| VOAHCl | | | | | | | | | | |
| VOATHIO | | | | | | | | | | |
| VOAAH3PO4 | | | | | | | | | | |
| 100THIO(Bacti) | | | | | | | | | | |
| 1LMU | | | | | | | | | | |
| 2LMU | | | | | | | | | | |
| 20VIAL | | | | | | | | | | |
| GC300 | | | | | | | | | | |
| GC500 | | | | | | | | | | |
| GC1000 | | | | | | | | | | |
| PB | | | | | | | | | | |
| SLEEVE | | | | | | | | | | |
| TED | | | | | | | | | | |
| HOST | | | | | | | | | | |
| OTHER | | | | | | | | | | |

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

**BJJ0726**
**11/03/2026**
Invoice: BJ06005

Andrea Magana
Zalco Laboratories
4309 Armour Avenue
Bakersfield, CA 93308

**RE: Report for BJJ0726 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 10/28/2026. 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 | |
|---|---|---|---|
| **Client:** | Zalco Laboratories | **Invoice To:** | Zalco Laboratories |
| **Report To:** | Andrea Magana | **Invoice Attn:** | Andrea Magana |
| **Project #:** | 2610504 | **Project PO#:** | - |
| **Received:** | 10/28/2026 - 09:22 | | |
| **Report Due:** | 11/03/2026 | | |

## Sample Receipt Conditions

**Cooler:** Default Cooler
**Temperature on Receipt ºC:** 2.4

Containers Intact
COC/Labels Agree
Received On Blue Ice
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 |

*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

**Sample ID:** BJJ0726-01
**Sampled By:** Client
**Sample Description:** 2610504-01

**Sample Date - Time:** 10/27/2026 - 07:55
**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 | **2.7** | 2.0 | ug/L | 1 | AJJ2107 | 10/30/26 | 10/30/26 | |

*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.*

# Certificate of Analysis

**Sample ID:** BJJ0726-02
**Sampled By:** Client
**Sample Description:** 2610504-02

**Sample Date - Time:** 10/27/2026 - 08:18
**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 | ND | 2.0 | ug/L | 1 | AJJ2107 | 10/30/26 | 10/30/26 | |

*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.*

# Certificate of Analysis

**Sample ID:** BJJ0726-03
**Sampled By:** Client
**Sample Description:** 2610504-03

**Sample Date - Time:** 10/27/2026 - 08:42
**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 | AJJ2107 | 10/30/26 | 10/30/26 | |

*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.*

# Certificate of Analysis

**Sample ID:** BJJ0726-04
**Sampled By:** Client
**Sample Description:** 2610504-04

**Sample Date - Time:** 10/27/2026 - 09:23
**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 | **5.1** | 2.0 | ug/L | 1 | AJJ2107 | 10/30/26 | 11/02/26 | |

*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.*

# Certificate of Analysis

**Sample ID:** BJJ0726-05
**Sampled By:** Client
**Sample Description:** 2610504-05

**Sample Date - Time:** 10/27/2026 - 10:02
**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 | **5.5** | 2.0 | ug/L | 1 | AJJ2107 | 10/30/26 | 11/02/26 | |

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## *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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **EPA 200.8 - Quality Control** | | | | | | | | | | | |
| **Batch: AJJ2107** | | | | | | | | | | Prepared: 10/30/2026 | |
| **Prep Method: EPA 200.2** | | | | | | | | | | Analyst: RAA | |
| **Blank (AJJ2107-BLK1)** | | | | | | | | | | | |
| Arsenic | ND | 2.0 | ug/L | | | | | | | 10/30/26 | |
| **Blank Spike (AJJ2107-BS1)** | | | | | | | | | | | |
| Arsenic | 250 | 2.0 | ug/L | 240 | ND | 102 | 85-115 | | | 10/30/26 | |
| **Blank Spike Dup (AJJ2107-BSD1)** | | | | | | | | | | | |
| Arsenic | 240 | 2.0 | ug/L | 240 | ND | 102 | 85-115 | 0 | 20 | 10/30/26 | |
| **Matrix Spike (AJJ2107-MS1), Source: AJJ3491-01** | | | | | | | | | | | |
| Arsenic | 250 | 2.0 | ug/L | 240 | ND | 103 | 70-130 | | | 10/30/26 | |
| **Matrix Spike (AJJ2107-MS2), Source: RJJ0207-02** | | | | | | | | | | | |
| Arsenic | 240 | 2.0 | ug/L | 240 | ND | 102 | 70-130 | | | 11/02/26 | |
| **Matrix Spike Dup (AJJ2107-MSD1), Source: AJJ3491-01** | | | | | | | | | | | |
| Arsenic | 250 | 2.0 | ug/L | 240 | ND | 104 | 70-130 | 1 | 20 | 10/30/26 | |
| **Matrix Spike Dup (AJJ2107-MSD2), Source: RJJ0207-02** | | | | | | | | | | | |
| Arsenic | 250 | 2.0 | ug/L | 240 | ND | 104 | 70-130 | 2 | 20 | 11/02/26 | |

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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, 524.2, 524.4, and DWRL 1,2,3-TCP require the analysis of a Field Reagent Blank (FRB) to confirm the results are not due to field sampling contamination. If FRBs were not submitted with field samples, this method requirement was not met.
- 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.

*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

## 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 | State of Hawaii | 4021 |
| Los Angeles CSD | 9254479 | NELAP certified | 4021-027 |
| State of Nevada | NV-C26-00129 | State of Oregon - NELAP | 4021-027 |
| EPA UCMR5 | CA00079 | State of Washington | C997-26a |

### Sacramento

| | |
|---|---|
| State of California - ELAP | 1180-S1 |

### San Bernardino

| | | | |
|---|---|---|---|
| State of California - ELAP | 1180-S2 | Los Angeles CSD | 9254478 |
| NELAP certified | 4119-011 | State of Oregon - NELAP | 4119-011 |

### Vancouver

| | | | |
|---|---|---|---|
| NELAP certified | WA100008-023 | State of Oregon - NELAP | WA100008-023 |
| State of Washington | C824-26 | | |

*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.*

BJJ0726 Zalco0539 10/28/2026 4

# Sample Integrity

BSK Bottles: Yes (No) Page 1 of 1 10.28

**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 |
| If samples were taken today, is there evidence that chilling has begun? | (Yes) No NA | Bubbles Present VOAs (VOCs/TTHM/TCP)? TB Received? | Yes No (NA) 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 $Na_2S_2O_3$** | — | — | |
| None (P) White Label | — | — | |
| **Cr6 (P)** Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 **DW** | Cl, pH > 8 | P F | |
| Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)2SO4 **WW** | pH 9.3-9.7 | P F | |
| **Cr6 (P)** Black Label/Blue Cap NH4OH(NH4)2SO4 **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 | — | — | 1D |
| **$H_2SO_4$ (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, $KH_2Ct$ (AG)** Pink Label **525** | — | — | |
| $Na_2SO_3$ (AG) Neon Green Label 515 | — | — | |
| **$Na_2S_2O_3$ 1 Liter (Brown P) 549** | — | — | hm |
| $Na_2S_2O_3$ (AG) Blue Label 548 | — | — | 10/28/24 |
| **$Na_2S_2O_3$ (CG)** Blue Label **504, 505, 547** | — | — | |
| $Na_2S_2O_3$ + MCAA (CG) Orange Label 531 | pH < 3 | P F | |
| **$NH_4Cl$ (AG)** Purple Label **552** | — | — | |
| EDA (P) or (AG) Brown Label DBPs | — | — | |
| **HCL (CG)** BTEX,Gas, MTBE, 8260/624 | — | — | |
| Ascorbic Acid (AG) **TCP DWRL** | — | — | |
| **Maleic + Ascorbic (AG) 524.4 & THM** | — | — | |
| 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 |
|---|---|---|---|---|---|
| S P | | | | | |
| S P | | | | | |

Preservation Check
pH Lot #
Cl Lot #

**Comments**

*Preservation check completed by lab performing analysis.

**Labeled by:** **Checked by:**

Scanned: MM Rush/Short HT Page: _____ Time:

# SUBCONTRACT ORDER

**Zalco Laboratories, Inc**

**2610504**

BJJ0726 Zalco0539 10/28/2026 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
NO EDT

| Analysis | Due | Expires | Laboratory ID | Comments |
|---|---|---|---|---|
| **Sample ID: 2610504-01** | **Water** | **Sampled: 10/27/26 07:55** | | **No EDT Needed** |
| As-200.8 | 11/03/26 09:00 | 04/25/27 07:55 | | |
| *Containers Supplied:* | | | | |
| **Sample ID: 2610504-02** | **Water** | **Sampled: 10/27/26 08:18** | | **No EDT Needed** |
| As-200.8 | 11/03/26 09:00 | 04/25/27 08:18 | | |
| *Containers Supplied:* | | | | |
| **Sample ID: 2610504-03** | **Water** | **Sampled: 10/27/26 08:42** | | **No EDT Needed** |
| As-200.8 | 11/03/26 09:00 | 04/25/27 08:42 | | |
| *Containers Supplied:* | | | | |
| **Sample ID: 2610504-04** | **Water** | **Sampled: 10/27/26 09:23** | | **No EDT Needed** |
| As-200.8 | 11/03/26 09:00 | 04/25/27 09:23 | | |
| *Containers Supplied:* | | | | |
| **Sample ID: 2610504-05** | **Water** | **Sampled: 10/27/26 10:02** | | **No EDT Needed** |
| As-200.8 | 11/03/26 09:00 | 04/25/27 10:02 | | |
| *Containers Supplied:* | | | | |

Temp. 2.4
#03

RUSH!
4dcy

| Released By | Date | Received By | Date |
|---|---|---|---|
| LM | 7:55 10-28-26 | | |
| | | Maria Ramirez | 10/28/26 @ 922 |
| Released By | Date | Received By | Date |

# SAMPLE TRANSIT ORDER

**BJJ0726**

Misty Orton

Receipt temp @ FAL: 5.9 Thermometer/ IR Gun ID: 75

**SENDING LABORATORY:**

**RECEIVING LABORATORY:**

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

RUSH!

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

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

**Client:** Zalco Laboratories

| Sample ID | Samp Desc | | Sample Date |
|---|---|---|---|
| **BJJ0726-01** | **2610504-01** | **Client Matrix** Drinking Water | **10/27/2026 07:55** |
| **Lab Matrix:** | Water | | |
| | **Analysis:** | | |
| | Arsenic, CA DW ICPMS | | |
| **BJJ0726-02** | **2610504-02** | **Client Matrix** Drinking Water | **10/27/2026 08:18** |
| **Lab Matrix:** | Water | | |
| | **Analysis:** | | |
| | Arsenic, CA DW ICPMS | | |
| **BJJ0726-03** | **2610504-03** | **Client Matrix** Drinking Water | **10/27/2026 08:42** |
| **Lab Matrix:** | Water | | |
| | **Analysis:** | | |
| | Arsenic, CA DW ICPMS | | |
| **BJJ0726-04** | **2610504-04** | **Client Matrix** Drinking Water | **10/27/2026 09:23** |
| **Lab Matrix:** | Water | | |
| | **Analysis:** | | |
| | Arsenic, CA DW ICPMS | | |
| **BJJ0726-05** | **2610504-05** | **Client Matrix** Drinking Water | **10/27/2026 10:02** |
| **Lab Matrix:** | Water | | |
| | **Analysis:** | | |
| | Arsenic, CA DW ICPMS | | |

*Containers Included*

| | | |
|---|---|---|
| BJJ0726-01 | A | Z- 125mL P / HNO3 |
| BJJ0726-02 | A | Z- 125mL P / HNO3 |
| BJJ0726-03 | A | Z- 125mL P / HNO3 |
| BJJ0726-04 | A | Z- 125mL P / HNO3 |
| BJJ0726-05 | A | Z- 125mL P / HNO3 |

Maria Ramirez 10/29/26

Released By Date Received By Date

Karson 10/29/26 1114

Released By Date Received By Date

WL 10/29/26

# SAMPLE TRANSIT INTEGRITY BJJ0726

BSK Bottles: Yes No

## 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 |
| Did all bottles arrive unbroken and intact? | Yes No | Was PM notified of discrepancies? | Yes No NA Email / Scanned / Copy |
| Was a sufficient amount of sample received? | Yes No | | |
| Do samples have a hold time <72 hours? | Yes No | **PM:** | |
| Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present? | Yes No NA | By/Date/Time | |

## Bottles Received

Thermometer/IR Gun ID 75

| Lab ID | Rec'd Temp C | Container | Checks | Passed? | (If Applicable) Split/ Preserved (S / P) | Preservative/ Lot# | Date/Time | Initials |
|---|---|---|---|---|---|---|---|---|
| BJJ0726-01 A | 5.9 | Z- 125mL P / HNO3 | | | | | | |
| BJJ0726-02 A | 5.9 | Z- 125mL P / HNO3 | | | | | | |
| BJJ0726-03 A | 5.9 | Z- 125mL P / HNO3 | | | | | | |
| BJJ0726-04 A | 5.9 | Z- 125mL P / HNO3 | | | | | | |
| BJJ0726-05 A | 5.9 | Z- 125mL P / HNO3 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

**Comments:**

Preservation Check: Ph Lot#_____ Cl Lot#_____

Scanned By: AJH @ 11-2-26 RUSH Paged By: _____ @_____

Relinquished By: KJK Relinquished Date/Time: ###############

BSK-SR-0008-00 Approved By I.:IMS Admin 07/27/2026