



Silver State Labs-Reno  
1135 Financial Blvd  
Reno, NV 89502  
(775) 857-2400 FAX: (888) 398-7002  
www.ssalabs.com

June 20, 2018  
Workorder **18051525**

Jay Flakus  
CITY OF YERINGTON  
102 South Main Street  
Yerington, NV 89447

Project: Msy 2018 SOCS and IOCS

Dear Jay Flakus:

It is the policy of Silver State Analytical Laboratory - Reno to strictly adhere to a comprehensive Quality Assurance Plan that ensures the data presented in this report are both accurate and precise. Silver State Analytical Laboratory - Reno maintains accreditation in the State of Nevada (NV-00015) and the State of California (ELAP 2990).

The data presented in this report was obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with an appropriate explanation in the Analysis Report section of the Laboratory Report.

18051525: CARBAMATES 531, DBCP&EDB 504, DIQUAT 549, ENDOTHALL 548, GLYPHOSATE 547, HERB 515, PEST&PCB 508, and SVOC 525 have been Sub Contracted.

Sincerely,

Carly Wood  
Laboratory Director  
1135 Financial Blvd  
Reno, NV 89502



Silver State Labs-Reno  
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# Analytical Report

Workorder#: 18051525  
 Date Reported: 6/20/2018

**Client:** CITY OF YERINGTON  
**Project Name:** Msy 2018 SOCS and IOCS  
**PO #:**

**Sampled By** J. Flakus

**Laboratory Accreditation Number** NV015/CA2990

| Laboratory ID | Client Sample ID                        | Date/Time Sampled | Date Received |
|---------------|---|-------------------|---------------|
| 18051525-01   | TP-07 Arsenic Treatment Plant (treated) | 05/31/2018 11:45  | 5/31/2018     |

| Parameter        | Method  | Result     | Units | MCL | Analyst | Date/Time Analyzed | Data Flag |
|------------------|---------|------------|-------|-----|---------|--------------------|-----------|
| Carbamates       | EPA 531 | See Report |       |     | CW      |                    |           |
| DBCP & EDB       | EPA 504 | See Report |       |     | CW      |                    |           |
| Diquat           | EPA 549 | See Report |       |     | CW      |                    |           |
| Endothall        | EPA 548 | See Report |       |     | CW      |                    |           |
| Glyphosate       | EPA 547 | See Report |       |     | CW      |                    |           |
| Herbicides       | EPA 515 | See Report |       |     | CW      |                    |           |
| PCB & Pesticides | EPA 508 | See Report |       |     | CW      |                    |           |
| SVOC             | EPA 525 | See Report |       |     | CW      |                    |           |

**Laboratory Accreditation Number** NV015/CA2990

| Laboratory ID | Client Sample ID           | Date/Time Sampled | Date Received |
|---------------|----------------------------|-------------------|---------------|
| 18051525-02   | W07- California Well (raw) | 05/31/2018 11:55  | 5/31/2018     |

| Parameter        | Method  | Result     | Units | MCL | Analyst | Date/Time Analyzed | Data Flag |
|------------------|---------|------------|-------|-----|---------|--------------------|-----------|
| Carbamates       | EPA 531 | See Report |       |     | CW      |                    |           |
| DBCP & EDB       | EPA 504 | See Report |       |     | CW      |                    |           |
| Diquat           | EPA 549 | See Report |       |     | CW      |                    |           |
| Endothall        | EPA 548 | See Report |       |     | CW      |                    |           |
| Glyphosate       | EPA 547 | See Report |       |     | CW      |                    |           |
| Herbicides       | EPA 515 | See Report |       |     | CW      |                    |           |
| PCB & Pesticides | EPA 508 | See Report |       |     | CW      |                    |           |
| SVOC             | EPA 525 | See Report |       |     | CW      |                    |           |

Original



Date of Report: 06/19/2018

Joe Nava

Sierra Environmental Monitoring

1135 Financial  
Reno, NV 89502

Client Project: 18051525  
BCL Project: Drinking Water Analysis  
BCL Work Order: 1817290  
Invoice ID: B307213

Enclosed are the results of analyses for samples received by the laboratory on 6/1/2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Felicia Johnson  
Client Service Rep

Stuart Buttram  
Technical Director

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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Website: www.ssalabs.com

COC ID: 2883 Page: 1 OF 1

CHAIN OF CUSTODY RECORD



18-17290

SUB CONTRACTOR: BC Labs-R  
ADDRESS: 4100 Atlas Court  
CITY, STATE, ZIP: Bakersfield, CA 93308  
PHONE: (661) 327-4811 FAX: 18051525  
ACCOUNT #: 18051525  
SAMPLER: J. Flakus  
SPECIAL INSTRUCTIONS / COMMENTS: Please send results to: jflakus@ssalabs.com, cwood@ssalabs.com, NV Samples

| ITEM # | SAMPLE ID    | Client Sample ID                        | Bottle Type | MATRIX         | DATE COLLECTED   | NUMBER OF CONTAINERS |
|--------|--------------|---|-------------|----------------|------------------|----------------------|
| 1      | 18051525-01A | TP-07 Arsenic Treatment Plant (treated) |             | Drinking Water | 06/01/2018 11:45 | 10                   |
| 2      | 18051525-02A | W07 - California Well (raw)             |             | Drinking Water | 06/01/2018 11:55 | 10                   |

CHK BY: *[Signature]*  
DISTRIBUTION  
SUB-OUT

REPORT TRANSMITTAL DESIRED:  
 HARD COPY (extra cost)  FAX  EMAIL  ONLINE

FOR LAB USE ONLY  
 Temp of samples \_\_\_\_\_ °C Average to Cool? \_\_\_\_\_  
 Comments: \_\_\_\_\_

Received By: *[Signature]* Date: 6/1/18 Time: 10:30  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

TAT: Standard  RUSH  2nd ID  3rd ID   
 Note: RUSH requires will incur surcharge!

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BC LABORATORIES INC. COOLER RECEIPT FORM Page      Of     

Submission #: 1817290

**SHIPPING INFORMATION**  
 Fed Ex  UPS  Ontrac  Hand Delivery   
 BC Lab/Field Service  Other  (Specify) \_\_\_\_\_

**SHIPPING CONTAINER**  
 Ice Chest  None  Box   
 Other  (Specify) \_\_\_\_\_

**FREE LIQUID**  
 YES  NO   
 W / S \_\_\_\_\_

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals: Ice Chest  Containers  None  Comments: \_\_\_\_\_

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received  YES  NO

Emissivity: 0.95 Container: Amber Thermometer ID: 274 Date/Time: 6/11/18  
 Temperature: (A) 3.4 °C / (C) 3.8 °C Analyst Initials: AD/6:50

| SAMPLE CONTAINERS                          | SAMPLE NUMBERS |   |   |   |   |   |   |   |   |    |
|--|----------------|---|---|---|---|---|---|---|---|----|
|  | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| QT PE UNPRES                               |                |   |   |   |   |   |   |   |   |    |
| 4oz / 8oz / 16oz PE UNPRES                 |                |   |   |   |   |   |   |   |   |    |
| 2oz Cr <sup>6+</sup>                       |                |   |   |   |   |   |   |   |   |    |
| QT INORGANIC CHEMICAL METALS               |                |   |   |   |   |   |   |   |   |    |
| INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz |                |   |   |   |   |   |   |   |   |    |
| PT CYANIDE                                 |                |   |   |   |   |   |   |   |   |    |
| PT NITROGEN FORMS                          |                |   |   |   |   |   |   |   |   |    |
| PT TOTAL SULFIDE                           |                |   |   |   |   |   |   |   |   |    |
| 2oz. NITRATE / NITRITE                     |                |   |   |   |   |   |   |   |   |    |
| PT TOTAL ORGANIC CARBON                    |                |   |   |   |   |   |   |   |   |    |
| PT CHEMICAL OXYGEN DEMAND                  |                |   |   |   |   |   |   |   |   |    |
| PIA PHENOLICS                              |                |   |   |   |   |   |   |   |   |    |
| 40ml VOA VIAL TRAVEL BLANK                 |                |   |   |   |   |   |   |   |   |    |
| 40ml VOA VIAL                              |                |   |   |   |   |   |   |   |   |    |
| QT EPA 1664                                |                |   |   |   |   |   |   |   |   |    |
| PT ODOR                                    |                |   |   |   |   |   |   |   |   |    |
| RADIOLOGICAL                               |                |   |   |   |   |   |   |   |   |    |
| BACTERIOLOGICAL                            |                |   |   |   |   |   |   |   |   |    |
| 40 ml VOA VIAL- 504                        |                |   |   |   |   |   |   |   |   |    |
| QT EPA 509/608/8080                        |                |   |   |   |   |   |   |   |   |    |
| QT EPA 515/8150                            |                |   |   |   |   |   |   |   |   |    |
| QT EPA 525                                 |                |   |   |   |   |   |   |   |   |    |
| QT EPA 525 TRAVEL BLANK                    |                |   |   |   |   |   |   |   |   |    |
| 40ml EPA 547                               |                |   |   |   |   |   |   |   |   |    |
| 40ml EPA 531.1                             |                |   |   |   |   |   |   |   |   |    |
| 8oz EPA 548                                |                |   |   |   |   |   |   |   |   |    |
| QT EPA 549                                 |                |   |   |   |   |   |   |   |   |    |
| QT EPA 8015M                               |                |   |   |   |   |   |   |   |   |    |
| QT EPA 8270                                |                |   |   |   |   |   |   |   |   |    |
| 8oz / 16oz / 32oz AMBER                    |                |   |   |   |   |   |   |   |   |    |
| 8oz / 16oz / 32oz JAR                      |                |   |   |   |   |   |   |   |   |    |
| SOIL SLEEVE                                |                |   |   |   |   |   |   |   |   |    |
| PCB VIAL                                   |                |   |   |   |   |   |   |   |   |    |
| PLASTIC BAG                                |                |   |   |   |   |   |   |   |   |    |
| TEDLAR BAG                                 |                |   |   |   |   |   |   |   |   |    |
| FERROUS IRON                               |                |   |   |   |   |   |   |   |   |    |
| ENCORE                                     |                |   |   |   |   |   |   |   |   |    |
| SMART KIT                                  |                |   |   |   |   |   |   |   |   |    |
| SUMMA CANISTER                             |                |   |   |   |   |   |   |   |   |    |

Comments: \_\_\_\_\_

Sample Numbering Completed By: 608 Date/Time: 6/11/18 Rev 21 05/23/2016

1 = Actual / C = Corrected



Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |  |                       |                  |
|------------|---------------------------|--|-----------------------|------------------|
| 1817290-01 | <b>COC Number:</b>        | ---  | <b>Receive Date:</b>  | 06/01/2018 10:50 |
|            | <b>Project Number:</b>    | ---  | <b>Sampling Date:</b> | 05/31/2018 11:45 |
|            | <b>Sampling Location:</b> | ---  | <b>Sample Depth:</b>  | ---              |
|            | <b>Sampling Point:</b>    | 18051525-01A TP-07 Arsenic Treatment Plant (Treated) | <b>Lab Matrix:</b>    | Water            |
|            | <b>Sampled By:</b>        | J. Flakus  | <b>Sample Type:</b>   | Drinking Water   |
| 1817290-02 | <b>COC Number:</b>        | ---  | <b>Receive Date:</b>  | 06/01/2018 10:50 |
|            | <b>Project Number:</b>    | ---  | <b>Sampling Date:</b> | 05/31/2018 11:55 |
|            | <b>Sampling Location:</b> | ---  | <b>Sample Depth:</b>  | ---              |
|            | <b>Sampling Point:</b>    | 18051525-02A W-07 California Well(Raw)               | <b>Lab Matrix:</b>    | Water            |
|            | <b>Sampled By:</b>        | J. Flakus  | <b>Sample Type:</b>   | Drinking Water   |

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Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### EDB/DBCP Analysis (EPA Method 504.1)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-01 | <b>Client Sample Name:</b> 18051525-01A TP-07 Arsenic Treatment Plant (Treated), 5/31/2018 11:45:00AM, J. Flakus |
|----------------------------------|--|

| Constituent                 | Result | Units | PQL   | MDL    | Method    | MB Bias | Lab Quals | Run # |
|-----------------------------|--------|-------|-------|--------|-----------|---------|-----------|-------|
| 1,2-Dibromo-3-chloropropane | ND     | ug/L  | 0.010 | 0.0039 | EPA-504.1 | ND      |           | 1     |
| Ethylene dibromide          | ND     | ug/L  | 0.010 | 0.0050 | EPA-504.1 | ND      |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-504.1 | 06/07/18 08:00 | 06/07/18 15:45 | VH1     | GC-4       | 0.962    | B015826     |

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Reno, NV 89502

Reported: 06/19/2018 15:58  
Project: Drinking Water Analysis  
Project Number: 18051525  
Project Manager: Joe Nava

### Organochlorine Pesticides and PCB's (EPA Method 508)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-01 | <b>Client Sample Name:</b> 18051525-01A TP-07 Arsenic Treatment Plant (Treated), 5/31/2018 11:45:00AM, J. Flakus |
|----------------------------------|--|

| Constituent                    | Result | Units | PQL                  | MDL    | Method  | MB Bias | Lab Quals | Run # |
|--------------------------------|--------|-------|----------------------|--------|---------|---------|-----------|-------|
| Aldrin                         | ND     | ug/L  | 0.0050               | 0.0019 | EPA-508 | ND      |           | 1     |
| alpha-BHC                      | ND     | ug/L  | 0.0050               | 0.0023 | EPA-508 | ND      |           | 1     |
| beta-BHC                       | ND     | ug/L  | 0.0050               | 0.0025 | EPA-508 | ND      |           | 1     |
| delta-BHC                      | ND     | ug/L  | 0.0050               | 0.0024 | EPA-508 | ND      |           | 1     |
| gamma-BHC (Lindane)            | ND     | ug/L  | 0.0050               | 0.0024 | EPA-508 | ND      |           | 1     |
| Chlordane (Technical)          | ND     | ug/L  | 0.10                 | 0.10   | EPA-508 | ND      |           | 1     |
| 4,4'-DDD                       | ND     | ug/L  | 0.0050               | 0.0025 | EPA-508 | ND      |           | 1     |
| 4,4'-DDE                       | ND     | ug/L  | 0.0050               | 0.0024 | EPA-508 | ND      |           | 1     |
| 4,4'-DDT                       | ND     | ug/L  | 0.0050               | 0.0017 | EPA-508 | ND      |           | 1     |
| Dieldrin                       | ND     | ug/L  | 0.0050               | 0.0023 | EPA-508 | ND      |           | 1     |
| Endosulfan I                   | ND     | ug/L  | 0.0050               | 0.0024 | EPA-508 | ND      |           | 1     |
| Endosulfan II                  | ND     | ug/L  | 0.0050               | 0.0030 | EPA-508 | ND      |           | 1     |
| Endosulfan sulfate             | ND     | ug/L  | 0.0050               | 0.0043 | EPA-508 | ND      |           | 1     |
| Endrin                         | ND     | ug/L  | 0.0050               | 0.0036 | EPA-508 | ND      |           | 1     |
| Endrin aldehyde                | ND     | ug/L  | 0.010                | 0.0039 | EPA-508 | ND      |           | 1     |
| Heptachlor                     | ND     | ug/L  | 0.0050               | 0.0020 | EPA-508 | ND      |           | 1     |
| Heptachlor epoxide             | ND     | ug/L  | 0.0050               | 0.0042 | EPA-508 | ND      |           | 1     |
| Methoxychlor                   | ND     | ug/L  | 0.0050               | 0.0038 | EPA-508 | ND      |           | 1     |
| Toxaphene                      | ND     | ug/L  | 1.0                  | 0.20   | EPA-508 | ND      |           | 1     |
| PCB-1016                       | ND     | ug/L  | 0.20                 | 0.048  | EPA-508 | ND      |           | 1     |
| PCB-1221                       | ND     | ug/L  | 0.20                 | 0.077  | EPA-508 | ND      |           | 1     |
| PCB-1232                       | ND     | ug/L  | 0.20                 | 0.12   | EPA-508 | ND      |           | 1     |
| PCB-1242                       | ND     | ug/L  | 0.20                 | 0.063  | EPA-508 | ND      |           | 1     |
| PCB-1248                       | ND     | ug/L  | 0.20                 | 0.18   | EPA-508 | ND      |           | 1     |
| PCB-1254                       | ND     | ug/L  | 0.20                 | 0.066  | EPA-508 | ND      |           | 1     |
| PCB-1260                       | ND     | ug/L  | 0.20                 | 0.094  | EPA-508 | ND      |           | 1     |
| Total PCB's (Summation)        | ND     | ug/L  | 0.20                 | 0.10   | EPA-508 | ND      |           | 1     |
| TCMX (Surrogate)               | 52.7   | %     | 60 - 130 (LCL - UCL) |        | EPA-508 |         | V11       | 1     |
| Decachlorobiphenyl (Surrogate) | 52.8   | %     | 60 - 130 (LCL - UCL) |        | EPA-508 |         | V11       | 1     |

| Run # | Method  | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|---------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-508 | 06/05/18 17:30 | 06/06/18 11:48 | HKS     | GC-17      | 1.010    | B015613     |

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1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis (EPA Method 515.1)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-01 | <b>Client Sample Name:</b> 18051525-01A TP-07 Arsenic Treatment Plant (Treated), 5/31/2018 11:45:00AM, J. Flakus |
|----------------------------------|--|

| Constituent                               | Result | Units | PQL                  | MDL   | Method    | MB Bias | Lab Quals | Run # |
|---|--------|-------|----------------------|-------|-----------|---------|-----------|-------|
| Bentazon                                  | ND     | ug/L  | 0.80                 | 0.15  | EPA-515.1 | ND      |           | 1     |
| 2,4-D                                     | ND     | ug/L  | 0.40                 | 0.057 | EPA-515.1 | ND      |           | 1     |
| 2,4-DB                                    | ND     | ug/L  | 3.0                  | 0.26  | EPA-515.1 | ND      |           | 1     |
| Dalapon                                   | ND     | ug/L  | 5.0                  | 0.33  | EPA-515.1 | ND      |           | 1     |
| Dicamba                                   | ND     | ug/L  | 0.080                | 0.068 | EPA-515.1 | ND      |           | 1     |
| Dichloroprop                              | ND     | ug/L  | 0.50                 | 0.13  | EPA-515.1 | ND      |           | 1     |
| Dinoseb                                   | ND     | ug/L  | 0.20                 | 0.034 | EPA-515.1 | ND      |           | 1     |
| MCPA                                      | ND     | ug/L  | 10                   | 2.3   | EPA-515.1 | ND      |           | 1     |
| MCPP                                      | ND     | ug/L  | 10                   | 3.8   | EPA-515.1 | ND      |           | 1     |
| Pentachlorophenol                         | ND     | ug/L  | 0.050                | 0.012 | EPA-515.1 | ND      |           | 1     |
| Picloram                                  | ND     | ug/L  | 0.050                | 0.034 | EPA-515.1 | ND      |           | 1     |
| 2,4,5-T                                   | ND     | ug/L  | 0.090                | 0.035 | EPA-515.1 | ND      |           | 1     |
| 2,4,5-TP (Silvex)                         | ND     | ug/L  | 0.070                | 0.017 | EPA-515.1 | ND      |           | 1     |
| 2,4-Dichlorophenylacetic acid (Surrogate) | 62.0   | %     | 40 - 120 (LCL - UCL) |       | EPA-515.1 |         |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-515.1 | 06/06/18 07:15 | 06/14/18 10:56 | RSM     | GC-8       | 1        | B016165     |

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1135 Financial  
Reno, NV 89502

Reported: 06/19/2018 15:58  
Project: Drinking Water Analysis  
Project Number: 18051525  
Project Manager: Joe Nava

### Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-01 | <b>Client Sample Name:</b> 18051525-01A TP-07 Arsenic Treatment Plant (Treated), 5/31/2018 11:45:00AM, J. Flakus |
|----------------------------------|--|

| Constituent                | Result | Units | PQL  | MDL   | Method    | MB Bias | Lab Quals | Run # |
|----------------------------|--------|-------|------|-------|-----------|---------|-----------|-------|
| Acenaphthylene             | ND     | ug/L  | 0.10 | 0.022 | EPA-525.2 | ND      |           | 1     |
| Alachlor                   | ND     | ug/L  | 0.20 | 0.13  | EPA-525.2 | ND      |           | 1     |
| Anthracene                 | ND     | ug/L  | 0.10 | 0.022 | EPA-525.2 | ND      |           | 1     |
| Atraton                    | ND     | ug/L  | 0.50 | 0.080 | EPA-525.2 | ND      |           | 1     |
| Atrazine                   | ND     | ug/L  | 0.30 | 0.040 | EPA-525.2 | ND      |           | 1     |
| Benzo[a]anthracene         | ND     | ug/L  | 0.20 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Benzo[b]fluoranthene       | ND     | ug/L  | 0.30 | 0.057 | EPA-525.2 | ND      |           | 1     |
| Benzo[k]fluoranthene       | ND     | ug/L  | 0.30 | 0.068 | EPA-525.2 | ND      |           | 1     |
| Benzo[a]pyrene             | ND     | ug/L  | 0.10 | 0.088 | EPA-525.2 | ND      |           | 1     |
| Benzo[g,h,i]perylene       | ND     | ug/L  | 0.30 | 0.067 | EPA-525.2 | ND      |           | 1     |
| Benzyl butyl phthalate     | ND     | ug/L  | 4.0  | 0.043 | EPA-525.2 | ND      |           | 1     |
| delta-BHC                  | ND     | ug/L  | 0.20 | 0.066 | EPA-525.2 | ND      |           | 1     |
| gamma-BHC (Lindane)        | ND     | ug/L  | 0.20 | 0.059 | EPA-525.2 | ND      |           | 1     |
| bis(2-Ethylhexyl)phthalate | ND     | ug/L  | 3.0  | 0.045 | EPA-525.2 | ND      |           | 1     |
| Bromacil                   | ND     | ug/L  | 0.50 | 0.16  | EPA-525.2 | ND      |           | 1     |
| Chrysene                   | ND     | ug/L  | 0.30 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Diazinon                   | ND     | ug/L  | 0.20 | 0.047 | EPA-525.2 | ND      |           | 1     |
| Dibenzo[a,h]anthracene     | ND     | ug/L  | 0.30 | 0.12  | EPA-525.2 | ND      |           | 1     |
| Di(2-ethylhexyl)adipate    | ND     | ug/L  | 1.0  | 0.047 | EPA-525.2 | ND      |           | 1     |
| Dimethoate                 | ND     | ug/L  | 2.0  | 0.25  | EPA-525.2 | ND      |           | 1     |
| Dimethyl phthalate         | ND     | ug/L  | 1.0  | 0.034 | EPA-525.2 | ND      |           | 1     |
| Di-n-butyl phthalate       | ND     | ug/L  | 1.0  | 0.034 | EPA-525.2 | ND      |           | 1     |
| Fluorene                   | ND     | ug/L  | 0.20 | 0.026 | EPA-525.2 | ND      |           | 1     |
| Hexachlorobenzene          | ND     | ug/L  | 0.20 | 0.040 | EPA-525.2 | ND      |           | 1     |
| Hexachlorocyclopentadiene  | ND     | ug/L  | 1.0  | 0.14  | EPA-525.2 | ND      |           | 1     |
| Indeno[1,2,3-cd]pyrene     | ND     | ug/L  | 0.30 | 0.075 | EPA-525.2 | ND      |           | 1     |
| Methoxychlor               | ND     | ug/L  | 0.30 | 0.044 | EPA-525.2 | ND      |           | 1     |
| Metolachlor                | ND     | ug/L  | 0.50 | 0.061 | EPA-525.2 | ND      |           | 1     |
| Metribuzin                 | ND     | ug/L  | 0.50 | 0.11  | EPA-525.2 | ND      |           | 1     |
| Molinate                   | ND     | ug/L  | 0.50 | 0.053 | EPA-525.2 | ND      |           | 1     |
| Phenanthrene               | ND     | ug/L  | 0.10 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Prometon                   | ND     | ug/L  | 0.50 | 0.089 | EPA-525.2 | ND      |           | 1     |
| Prometryn                  | ND     | ug/L  | 0.50 | 0.043 | EPA-525.2 | ND      |           | 1     |

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Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-01 | <b>Client Sample Name:</b> 18051525-01A TP-07 Arsenic Treatment Plant (Treated), 5/31/2018 11:45:00AM, J. Flakus |
|----------------------------------|--|

| Constituent                             | Result | Units | PQL                  | MDL   | Method    | MB Bias | Lab Quals | Run # |
|---|--------|-------|----------------------|-------|-----------|---------|-----------|-------|
| Pyrene                                  | ND     | ug/L  | 0.10                 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Secbumeton                              | ND     | ug/L  | 0.50                 | 0.053 | EPA-525.2 | ND      |           | 1     |
| Simazine                                | ND     | ug/L  | 0.30                 | 0.15  | EPA-525.2 | ND      |           | 1     |
| Terbutryn                               | ND     | ug/L  | 0.50                 | 0.059 | EPA-525.2 | ND      |           | 1     |
| Thiobencarb                             | ND     | ug/L  | 0.50                 | 0.035 | EPA-525.2 | ND      |           | 1     |
| Perylene-d12 (Surrogate)                | 146    | %     | 60 - 140 (LCL - UCL) |       | EPA-525.2 |         | S09       | 1     |
| 1,3-Dimethyl-2-nitrobenzene (Surrogate) | 111    | %     | 70 - 130 (LCL - UCL) |       | EPA-525.2 |         |           | 1     |
| Triphenylphosphate (Surrogate)          | 177    | %     | 70 - 130 (LCL - UCL) |       | EPA-525.2 |         | S09       | 1     |
| Pyrene-d10 (Surrogate)                  | 118    | %     | 70 - 130 (LCL - UCL) |       | EPA-525.2 |         |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-525.2 | 06/06/18 20:00 | 06/12/18 13:32 | MK1     | MS-B6      | 1        | B016236     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis for Endothal (EPA Method 548.1)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-01 | <b>Client Sample Name:</b> 18051525-01A TP-07 Arsenic Treatment Plant (Treated), 5/31/2018 11:45:00AM, J. Flakus |
|----------------------------------|--|

| Constituent | Result | Units | PQL | MDL  | Method    | MB Bias | Lab Quals | Run # |
|-------------|--------|-------|-----|------|-----------|---------|-----------|-------|
| Endothal    | ND     | ug/L  | 2.0 | 0.75 | EPA-548.1 | ND      |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-548.1 | 06/07/18 08:00 | 06/18/18 15:29 | MK1     | MS-B6      | 1        | B016458     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis for Herbicides (EPA Method 549.2)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-01 | <b>Client Sample Name:</b> 18051525-01A TP-07 Arsenic Treatment Plant (Treated), 5/31/2018 11:45:00AM, J. Flakus |
|----------------------------------|--|

| Constituent | Result | Units | PQL | MDL | Method    | MB Bias | Lab Quals | Run # |
|-------------|--------|-------|-----|-----|-----------|---------|-----------|-------|
| Diquat      | ND     | ug/L  | 4.0 | 1.1 | EPA-549.2 | ND      |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-549.2 | 06/07/18 11:00 | 06/12/18 12:23 | RSM     | HPLC 15    | 1        | B016438     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### EDB/DBCP Analysis (EPA Method 504.1)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-02 | <b>Client Sample Name:</b> 18051525-02A W-07 California Well(Raw), 5/31/2018 11:55:00AM, J. Flakus |
|----------------------------------|--|

| Constituent                 | Result | Units | PQL   | MDL    | Method    | MB Bias | Lab Quals | Run # |
|-----------------------------|--------|-------|-------|--------|-----------|---------|-----------|-------|
| 1,2-Dibromo-3-chloropropane | ND     | ug/L  | 0.010 | 0.0039 | EPA-504.1 | ND      |           | 1     |
| Ethylene dibromide          | ND     | ug/L  | 0.010 | 0.0050 | EPA-504.1 | ND      |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-504.1 | 06/07/18 08:00 | 06/07/18 16:00 | VH1     | GC-4       | 0.974    | B015826     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organochlorine Pesticides and PCB's (EPA Method 508)

| BCL Sample ID:                 | 1817290-02 | Client Sample Name: | 18051525-02A W-07 California Well(Raw), 5/31/2018 11:55:00AM, J. Flakus |        |         |         |           |       |  |
|--------------------------------|------------|---------------------|---|--------|---------|---------|-----------|-------|--|
| Constituent                    | Result     | Units               | PQL   | MDL    | Method  | MB Bias | Lab Quals | Run # |  |
| Aldrin                         | ND         | ug/L                | 0.0050  | 0.0019 | EPA-508 | ND      |           | 1     |  |
| alpha-BHC                      | ND         | ug/L                | 0.0050  | 0.0023 | EPA-508 | ND      |           | 1     |  |
| beta-BHC                       | ND         | ug/L                | 0.0050  | 0.0025 | EPA-508 | ND      |           | 1     |  |
| delta-BHC                      | ND         | ug/L                | 0.0050  | 0.0024 | EPA-508 | ND      |           | 1     |  |
| gamma-BHC (Lindane)            | ND         | ug/L                | 0.0050  | 0.0024 | EPA-508 | ND      |           | 1     |  |
| Chlordane (Technical)          | ND         | ug/L                | 0.10  | 0.10   | EPA-508 | ND      |           | 1     |  |
| 4,4'-DDD                       | ND         | ug/L                | 0.0050  | 0.0025 | EPA-508 | ND      |           | 1     |  |
| 4,4'-DDE                       | ND         | ug/L                | 0.0050  | 0.0024 | EPA-508 | ND      |           | 1     |  |
| 4,4'-DDT                       | ND         | ug/L                | 0.0050  | 0.0017 | EPA-508 | ND      |           | 1     |  |
| Dieldrin                       | ND         | ug/L                | 0.0050  | 0.0023 | EPA-508 | ND      |           | 1     |  |
| Endosulfan I                   | ND         | ug/L                | 0.0050  | 0.0024 | EPA-508 | ND      |           | 1     |  |
| Endosulfan II                  | ND         | ug/L                | 0.0050  | 0.0030 | EPA-508 | ND      |           | 1     |  |
| Endosulfan sulfate             | ND         | ug/L                | 0.0050  | 0.0043 | EPA-508 | ND      |           | 1     |  |
| Endrin                         | ND         | ug/L                | 0.0050  | 0.0036 | EPA-508 | ND      |           | 1     |  |
| Endrin aldehyde                | ND         | ug/L                | 0.010   | 0.0039 | EPA-508 | ND      |           | 1     |  |
| Heptachlor                     | ND         | ug/L                | 0.0050  | 0.0020 | EPA-508 | ND      |           | 1     |  |
| Heptachlor epoxide             | ND         | ug/L                | 0.0050  | 0.0042 | EPA-508 | ND      |           | 1     |  |
| Methoxychlor                   | ND         | ug/L                | 0.0050  | 0.0038 | EPA-508 | ND      |           | 1     |  |
| Toxaphene                      | ND         | ug/L                | 1.0   | 0.20   | EPA-508 | ND      |           | 1     |  |
| PCB-1016                       | ND         | ug/L                | 0.20  | 0.048  | EPA-508 | ND      |           | 1     |  |
| PCB-1221                       | ND         | ug/L                | 0.20  | 0.077  | EPA-508 | ND      |           | 1     |  |
| PCB-1232                       | ND         | ug/L                | 0.20  | 0.12   | EPA-508 | ND      |           | 1     |  |
| PCB-1242                       | ND         | ug/L                | 0.20  | 0.063  | EPA-508 | ND      |           | 1     |  |
| PCB-1248                       | ND         | ug/L                | 0.20  | 0.18   | EPA-508 | ND      |           | 1     |  |
| PCB-1254                       | ND         | ug/L                | 0.20  | 0.066  | EPA-508 | ND      |           | 1     |  |
| PCB-1260                       | ND         | ug/L                | 0.20  | 0.094  | EPA-508 | ND      |           | 1     |  |
| Total PCB's (Summation)        | ND         | ug/L                | 0.20  | 0.10   | EPA-508 | ND      |           | 1     |  |
| TCMX (Surrogate)               | 67.5       | %                   | 60 - 130 (LCL - UCL)  |        | EPA-508 |         |           | 1     |  |
| Decachlorobiphenyl (Surrogate) | 59.5       | %                   | 60 - 130 (LCL - UCL)  |        | EPA-508 |         | S09       | 1     |  |

| Run # | Method  | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|---------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-508 | 06/05/18 17:30 | 06/06/18 12:02 | HKS     | GC-17      | 1.020    | B015613     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis (EPA Method 515.1)

| BCL Sample ID: 1817290-02                 |        | Client Sample Name: 18051525-02A W-07 California Well(Raw), 5/31/2018 11:55:00AM, J. Flakus |                      |       |           |         |           |       |  |
|---|--------|---|----------------------|-------|-----------|---------|-----------|-------|--|
| Constituent                               | Result | Units   | PQL                  | MDL   | Method    | MB Bias | Lab Quals | Run # |  |
| Bentazon                                  | ND     | ug/L  | 0.80                 | 0.15  | EPA-515.1 | ND      |           | 1     |  |
| 2,4-D                                     | ND     | ug/L  | 0.40                 | 0.057 | EPA-515.1 | ND      |           | 1     |  |
| 2,4-DB                                    | ND     | ug/L  | 3.0                  | 0.26  | EPA-515.1 | ND      |           | 1     |  |
| Dalapon                                   | ND     | ug/L  | 5.0                  | 0.33  | EPA-515.1 | ND      |           | 1     |  |
| Dicamba                                   | ND     | ug/L  | 0.080                | 0.068 | EPA-515.1 | ND      |           | 1     |  |
| Dichloroprop                              | ND     | ug/L  | 0.50                 | 0.13  | EPA-515.1 | ND      |           | 1     |  |
| Dinoseb                                   | ND     | ug/L  | 0.20                 | 0.034 | EPA-515.1 | ND      |           | 1     |  |
| MCPA                                      | ND     | ug/L  | 10                   | 2.3   | EPA-515.1 | ND      |           | 1     |  |
| MCPP                                      | ND     | ug/L  | 10                   | 3.8   | EPA-515.1 | ND      |           | 1     |  |
| Pentachlorophenol                         | ND     | ug/L  | 0.050                | 0.012 | EPA-515.1 | ND      |           | 1     |  |
| Picloram                                  | ND     | ug/L  | 0.050                | 0.034 | EPA-515.1 | ND      |           | 1     |  |
| 2,4,5-T                                   | ND     | ug/L  | 0.090                | 0.035 | EPA-515.1 | ND      |           | 1     |  |
| 2,4,5-TP (Silvex)                         | ND     | ug/L  | 0.070                | 0.017 | EPA-515.1 | ND      |           | 1     |  |
| 2,4-Dichlorophenylacetic acid (Surrogate) | 59.2   | %   | 40 - 120 (LCL - UCL) |       | EPA-515.1 |         |           | 1     |  |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-515.1 | 06/06/18 07:15 | 06/14/18 11:17 | RSM     | GC-8       | 1        | B016165     |

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Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

| BCL Sample ID: 1817290-02  |        | Client Sample Name: 18051525-02A W-07 California Well(Raw), 5/31/2018 11:55:00AM, J. Flakus |      |       |           |         |           |       |
|----------------------------|--------|---|------|-------|-----------|---------|-----------|-------|
| Constituent                | Result | Units   | PQL  | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Acenaphthylene             | ND     | ug/L  | 0.10 | 0.022 | EPA-525.2 | ND      |           | 1     |
| Alachlor                   | ND     | ug/L  | 0.20 | 0.13  | EPA-525.2 | ND      |           | 1     |
| Anthracene                 | ND     | ug/L  | 0.10 | 0.022 | EPA-525.2 | ND      |           | 1     |
| Atraton                    | ND     | ug/L  | 0.50 | 0.080 | EPA-525.2 | ND      |           | 1     |
| Atrazine                   | ND     | ug/L  | 0.30 | 0.040 | EPA-525.2 | ND      |           | 1     |
| Benzo[a]anthracene         | ND     | ug/L  | 0.20 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Benzo[b]fluoranthene       | ND     | ug/L  | 0.30 | 0.057 | EPA-525.2 | ND      |           | 1     |
| Benzo[k]fluoranthene       | ND     | ug/L  | 0.30 | 0.068 | EPA-525.2 | ND      |           | 1     |
| Benzo[a]pyrene             | ND     | ug/L  | 0.10 | 0.088 | EPA-525.2 | ND      |           | 1     |
| Benzo[g,h,i]perylene       | ND     | ug/L  | 0.30 | 0.067 | EPA-525.2 | ND      |           | 1     |
| Benzyl butyl phthalate     | ND     | ug/L  | 4.0  | 0.043 | EPA-525.2 | ND      |           | 1     |
| delta-BHC                  | ND     | ug/L  | 0.20 | 0.066 | EPA-525.2 | ND      |           | 1     |
| gamma-BHC (Lindane)        | ND     | ug/L  | 0.20 | 0.059 | EPA-525.2 | ND      |           | 1     |
| bis(2-Ethylhexyl)phthalate | ND     | ug/L  | 3.0  | 0.045 | EPA-525.2 | ND      |           | 1     |
| Bromacil                   | ND     | ug/L  | 0.50 | 0.16  | EPA-525.2 | ND      |           | 1     |
| Chrysene                   | ND     | ug/L  | 0.30 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Diazinon                   | ND     | ug/L  | 0.20 | 0.047 | EPA-525.2 | ND      |           | 1     |
| Dibenzo[a,h]anthracene     | ND     | ug/L  | 0.30 | 0.12  | EPA-525.2 | ND      |           | 1     |
| Di(2-ethylhexyl)adipate    | ND     | ug/L  | 1.0  | 0.047 | EPA-525.2 | ND      |           | 1     |
| Dimethoate                 | ND     | ug/L  | 2.0  | 0.25  | EPA-525.2 | ND      |           | 1     |
| Dimethyl phthalate         | ND     | ug/L  | 1.0  | 0.034 | EPA-525.2 | ND      |           | 1     |
| Di-n-butyl phthalate       | ND     | ug/L  | 1.0  | 0.034 | EPA-525.2 | ND      |           | 1     |
| Fluorene                   | ND     | ug/L  | 0.20 | 0.026 | EPA-525.2 | ND      |           | 1     |
| Hexachlorobenzene          | ND     | ug/L  | 0.20 | 0.040 | EPA-525.2 | ND      |           | 1     |
| Hexachlorocyclopentadiene  | ND     | ug/L  | 1.0  | 0.14  | EPA-525.2 | ND      |           | 1     |
| Indeno[1,2,3-cd]pyrene     | ND     | ug/L  | 0.30 | 0.075 | EPA-525.2 | ND      |           | 1     |
| Methoxychlor               | ND     | ug/L  | 0.30 | 0.044 | EPA-525.2 | ND      |           | 1     |
| Metolachlor                | ND     | ug/L  | 0.50 | 0.061 | EPA-525.2 | ND      |           | 1     |
| Metribuzin                 | ND     | ug/L  | 0.50 | 0.11  | EPA-525.2 | ND      |           | 1     |
| Molinate                   | ND     | ug/L  | 0.50 | 0.053 | EPA-525.2 | ND      |           | 1     |
| Phenanthrene               | ND     | ug/L  | 0.10 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Prometon                   | ND     | ug/L  | 0.50 | 0.089 | EPA-525.2 | ND      |           | 1     |
| Prometryn                  | ND     | ug/L  | 0.50 | 0.043 | EPA-525.2 | ND      |           | 1     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-02 | <b>Client Sample Name:</b> 18051525-02A W-07 California Well(Raw), 5/31/2018 11:55:00AM, J. Flakus |
|----------------------------------|--|

| Constituent                             | Result | Units | PQL                  | MDL   | Method    | MB Bias | Lab Quals | Run # |
|---|--------|-------|----------------------|-------|-----------|---------|-----------|-------|
| Pyrene                                  | ND     | ug/L  | 0.10                 | 0.020 | EPA-525.2 | ND      |           | 1     |
| Secbumeton                              | ND     | ug/L  | 0.50                 | 0.053 | EPA-525.2 | ND      |           | 1     |
| Simazine                                | ND     | ug/L  | 0.30                 | 0.15  | EPA-525.2 | ND      |           | 1     |
| Terbutryn                               | ND     | ug/L  | 0.50                 | 0.059 | EPA-525.2 | ND      |           | 1     |
| Thiobencarb                             | ND     | ug/L  | 0.50                 | 0.035 | EPA-525.2 | ND      |           | 1     |
| Perylene-d12 (Surrogate)                | 74.8   | %     | 60 - 140 (LCL - UCL) |       | EPA-525.2 |         |           | 1     |
| 1,3-Dimethyl-2-nitrobenzene (Surrogate) | 113    | %     | 70 - 130 (LCL - UCL) |       | EPA-525.2 |         |           | 1     |
| Triphenylphosphate (Surrogate)          | 165    | %     | 70 - 130 (LCL - UCL) |       | EPA-525.2 |         | S09       | 1     |
| Pyrene-d10 (Surrogate)                  | 116    | %     | 70 - 130 (LCL - UCL) |       | EPA-525.2 |         |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-525.2 | 06/06/18 20:00 | 06/12/18 13:59 | MK1     | MS-B6      | 1        | B016236     |

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Sierra Environmental Monitoring  
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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis for Endothal (EPA Method 548.1)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-02 | <b>Client Sample Name:</b> 18051525-02A W-07 California Well(Raw), 5/31/2018 11:55:00AM, J. Flakus |
|----------------------------------|--|

| Constituent | Result | Units | PQL | MDL  | Method    | MB Bias | Lab Quals | Run # |
|-------------|--------|-------|-----|------|-----------|---------|-----------|-------|
| Endothal    | ND     | ug/L  | 2.0 | 0.75 | EPA-548.1 | ND      |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-548.1 | 06/07/18 08:00 | 06/18/18 15:52 | MK1     | MS-B6      | 1        | B016458     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis for Herbicides (EPA Method 549.2)

|                                  |  |
|----------------------------------|--|
| <b>BCL Sample ID:</b> 1817290-02 | <b>Client Sample Name:</b> 18051525-02A W-07 California Well(Raw), 5/31/2018 11:55:00AM, J. Flakus |
|----------------------------------|--|

| Constituent | Result | Units | PQL | MDL | Method    | MB Bias | Lab Quals | Run # |
|-------------|--------|-------|-----|-----|-----------|---------|-----------|-------|
| Diquat      | ND     | ug/L  | 4.0 | 1.1 | EPA-549.2 | ND      |           | 1     |

| Run # | Method    | Prep Date      | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|----------------|----------------|---------|------------|----------|-------------|
| 1     | EPA-549.2 | 06/07/18 11:00 | 06/12/18 12:32 | RSM     | HPLC 15    | 1        | B016438     |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### EDB/DBCP Analysis (EPA Method 504.1)

#### Quality Control Report - Method Blank Analysis

| Constituent                 | QC Sample ID | MB Result | Units | PQL   | MDL    | Lab Quals |
|-----------------------------|--------------|-----------|-------|-------|--------|-----------|
| <b>QC Batch ID: B015826</b> |              |           |       |       |        |           |
| 1,2-Dibromo-3-chloropropane | B015826-BLK1 | ND        | ug/L  | 0.010 | 0.0039 |           |
| Ethylene dibromide          | B015826-BLK1 | ND        | ug/L  | 0.010 | 0.0050 |           |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### EDB/DBCP Analysis (EPA Method 504.1)

#### Quality Control Report - Laboratory Control Sample

| Constituent                 | QC Sample ID | Type | Result  | Spike Level | Units | Percent Recovery | RPD | Control Limits   |     | Lab | Quals |
|-----------------------------|--------------|------|---------|-------------|-------|------------------|-----|------------------|-----|-----|-------|
|                             |              |      |         |             |       |                  |     | Percent Recovery | RPD |     |       |
| <b>QC Batch ID: B015826</b> |              |      |         |             |       |                  |     |                  |     |     |       |
| 1,2-Dibromo-3-chloropropane | B015826-BS1  | LCS  | 0.13177 | 0.14286     | ug/L  | 92.2             |     | 70               | 130 |     |       |
| Ethylene dibromide          | B015826-BS1  | LCS  | 0.14371 | 0.14286     | ug/L  | 101              |     | 70               | 130 |     |       |

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**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### EDB/DBCP Analysis (EPA Method 504.1)

#### Quality Control Report - Precision & Accuracy

| Constituent                 | Type | Source<br>Sample ID   | Source<br>Result | Result  | Spike<br>Added | Units | RPD  | Control Limits      |                     | Lab<br>Quals |
|-----------------------------|------|-----------------------|------------------|---------|----------------|-------|------|---------------------|---------------------|--------------|
|                             |      |                       |                  |         |                |       |      | Percent<br>Recovery | Percent<br>Recovery |              |
| <b>QC Batch ID: B015826</b> |      | Used client sample: N |                  |         |                |       |      |                     |                     |              |
| 1,2-Dibromo-3-chloropropane | MS   | 1816772-10            | ND               | 0.11766 | 0.14286        | ug/L  |      | 82.4                |                     | 70 - 130     |
|                             | MSD  | 1816772-10            | ND               | 0.14263 | 0.14286        | ug/L  | 19.2 | 99.8                | 30                  | 70 - 130     |
| Ethylene dibromide          | MS   | 1816772-10            | ND               | 0.14537 | 0.14286        | ug/L  |      | 102                 |                     | 70 - 130     |
|                             | MSD  | 1816772-10            | ND               | 0.14423 | 0.14286        | ug/L  | 0.8  | 101                 | 30                  | 70 - 130     |

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Reported: 06/19/2018 15:58  
Project: Drinking Water Analysis  
Project Number: 18051525  
Project Manager: Joe Nava

### Organochlorine Pesticides and PCB's (EPA Method 508)

#### Quality Control Report - Method Blank Analysis

| Constituent                           | QC Sample ID        | MB Result   | Units    | PQL                         | MDL    | Lab Quals |
|---------------------------------------|---------------------|-------------|----------|-----------------------------|--------|-----------|
| <b>QC Batch ID: B015613</b>           |                     |             |          |                             |        |           |
| Aldrin                                | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0019 |           |
| alpha-BHC                             | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0023 |           |
| beta-BHC                              | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0025 |           |
| delta-BHC                             | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0024 |           |
| gamma-BHC (Lindane)                   | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0024 |           |
| Chlordane (Technical)                 | B015613-BLK1        | ND          | ug/L     | 0.10                        | 0.10   |           |
| 4,4'-DDD                              | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0025 |           |
| 4,4'-DDE                              | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0024 |           |
| 4,4'-DDT                              | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0017 |           |
| Dieldrin                              | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0023 |           |
| Endosulfan I                          | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0024 |           |
| Endosulfan II                         | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0030 |           |
| Endosulfan sulfate                    | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0043 |           |
| Endrin                                | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0036 |           |
| Endrin aldehyde                       | B015613-BLK1        | ND          | ug/L     | 0.010                       | 0.0039 |           |
| Heptachlor                            | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0020 |           |
| Heptachlor epoxide                    | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0042 |           |
| Methoxychlor                          | B015613-BLK1        | ND          | ug/L     | 0.0050                      | 0.0038 |           |
| Toxaphene                             | B015613-BLK1        | ND          | ug/L     | 1.0                         | 0.20   |           |
| PCB-1016                              | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.048  |           |
| PCB-1221                              | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.077  |           |
| PCB-1232                              | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.12   |           |
| PCB-1242                              | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.063  |           |
| PCB-1248                              | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.18   |           |
| PCB-1254                              | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.066  |           |
| PCB-1260                              | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.094  |           |
| Total PCB's (Summation)               | B015613-BLK1        | ND          | ug/L     | 0.20                        | 0.10   |           |
| <b>TCMX (Surrogate)</b>               | <b>B015613-BLK1</b> | <b>70.0</b> | <b>%</b> | <b>60 - 130 (LCL - UCL)</b> |        |           |
| <b>Decachlorobiphenyl (Surrogate)</b> | <b>B015613-BLK1</b> | <b>69.4</b> | <b>%</b> | <b>60 - 130 (LCL - UCL)</b> |        |           |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organochlorine Pesticides and PCB's (EPA Method 508)

### Quality Control Report - Laboratory Control Sample

| Constituent                    | QC Sample ID | Type | Result  | Spike Level | Units | Percent Recovery | RPD | Control Limits   |     | Lab |
|--------------------------------|--------------|------|---------|-------------|-------|------------------|-----|------------------|-----|-----|
|                                |              |      |         |             |       |                  |     | Percent Recovery | RPD |     |
| <b>QC Batch ID: B015613</b>    |              |      |         |             |       |                  |     |                  |     |     |
| Aldrin                         | B015613-BS1  | LCS  | 0.14099 | 0.15000     | ug/L  | 94.0             |     | 60 - 130         |     |     |
| gamma-BHC (Lindane)            | B015613-BS1  | LCS  | 0.16021 | 0.15000     | ug/L  | 107              |     | 60 - 130         |     |     |
| 4,4'-DDT                       | B015613-BS1  | LCS  | 0.10183 | 0.15000     | ug/L  | 67.9             |     | 60 - 130         |     |     |
| Dieldrin                       | B015613-BS1  | LCS  | 0.15576 | 0.15000     | ug/L  | 104              |     | 60 - 130         |     |     |
| Endrin                         | B015613-BS1  | LCS  | 0.11306 | 0.15000     | ug/L  | 75.4             |     | 60 - 130         |     |     |
| Heptachlor                     | B015613-BS1  | LCS  | 0.11309 | 0.15000     | ug/L  | 75.4             |     | 60 - 130         |     |     |
| TCMX (Surrogate)               | B015613-BS1  | LCS  | 0.20099 | 0.30000     | ug/L  | 67.0             |     | 60 - 130         |     |     |
| Decachlorobiphenyl (Surrogate) | B015613-BS1  | LCS  | 0.48635 | 0.60000     | ug/L  | 81.1             |     | 60 - 130         |     |     |

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Reported: 06/19/2018 15:58  
Project: Drinking Water Analysis  
Project Number: 18051525  
Project Manager: Joe Nava

## Organochlorine Pesticides and PCB's (EPA Method 508)

### Quality Control Report - Precision & Accuracy

| Constituent                    | Type | Source Sample ID      | Source Result | Result   | Spike Added | Units | RPD | Percent Recovery |         | Lab Quals |
|--------------------------------|------|-----------------------|---------------|----------|-------------|-------|-----|------------------|---------|-----------|
|                                |      |                       |               |          |             |       |     | RPD              | Percent |           |
| <b>QC Batch ID: B015613</b>    |      | Used client sample: N |               |          |             |       |     |                  |         |           |
| Aldrin                         | MS   | 1816772-08            | ND            | 0.14703  | 0.15000     | ug/L  |     | 98.0             |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.14392  | 0.15000     | ug/L  | 2.1 | 95.9             | 30      | 60 - 130  |
| gamma-BHC (Lindane)            | MS   | 1816772-08            | ND            | 0.15807  | 0.15000     | ug/L  |     | 105              |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.15469  | 0.15000     | ug/L  | 2.2 | 103              | 30      | 60 - 130  |
| 4,4'-DDT                       | MS   | 1816772-08            | ND            | 0.096310 | 0.15000     | ug/L  |     | 64.2             |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.10458  | 0.15000     | ug/L  | 8.2 | 69.7             | 30      | 60 - 130  |
| Dieldrin                       | MS   | 1816772-08            | ND            | 0.16445  | 0.15000     | ug/L  |     | 110              |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.16376  | 0.15000     | ug/L  | 0.4 | 109              | 30      | 60 - 130  |
| Endrin                         | MS   | 1816772-08            | ND            | 0.10891  | 0.15000     | ug/L  |     | 72.6             |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.10877  | 0.15000     | ug/L  | 0.1 | 72.5             | 30      | 60 - 130  |
| Heptachlor                     | MS   | 1816772-08            | ND            | 0.11879  | 0.15000     | ug/L  |     | 79.2             |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.11464  | 0.15000     | ug/L  | 3.6 | 76.4             | 30      | 60 - 130  |
| TCMX (Surrogate)               | MS   | 1816772-08            | ND            | 0.20753  | 0.30000     | ug/L  |     | 69.2             |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.19683  | 0.30000     | ug/L  | 5.3 | 65.6             |         | 60 - 130  |
| Decachlorobiphenyl (Surrogate) | MS   | 1816772-08            | ND            | 0.44543  | 0.60000     | ug/L  |     | 74.2             |         | 60 - 130  |
|                                | MSD  | 1816772-08            | ND            | 0.43265  | 0.60000     | ug/L  | 2.9 | 72.1             |         | 60 - 130  |

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**Reported:** 06/19/2018 15:58  
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**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis (EPA Method 515.1)

#### Quality Control Report - Method Blank Analysis

| Constituent                                      | QC Sample ID        | MB Result   | Units    | PQL                         | MDL   | Lab Quals |
|--|---------------------|-------------|----------|-----------------------------|-------|-----------|
| <b>QC Batch ID: B016165</b>                      |                     |             |          |                             |       |           |
| Bentazon   | B016165-BLK1        | ND          | ug/L     | 0.80                        | 0.15  |           |
| 2,4-D  | B016165-BLK1        | ND          | ug/L     | 0.40                        | 0.057 |           |
| 2,4-DB   | B016165-BLK1        | ND          | ug/L     | 3.0                         | 0.26  |           |
| Dalapon  | B016165-BLK1        | ND          | ug/L     | 5.0                         | 0.33  |           |
| Dicamba  | B016165-BLK1        | ND          | ug/L     | 0.080                       | 0.068 |           |
| Dichloroprop                                     | B016165-BLK1        | ND          | ug/L     | 0.50                        | 0.13  |           |
| Dinoseb  | B016165-BLK1        | ND          | ug/L     | 0.20                        | 0.034 |           |
| MCPA   | B016165-BLK1        | ND          | ug/L     | 10                          | 2.3   |           |
| MCPP   | B016165-BLK1        | ND          | ug/L     | 10                          | 3.8   |           |
| Pentachlorophenol                                | B016165-BLK1        | ND          | ug/L     | 0.050                       | 0.012 |           |
| Picloram   | B016165-BLK1        | ND          | ug/L     | 0.050                       | 0.034 |           |
| 2,4,5-T  | B016165-BLK1        | ND          | ug/L     | 0.090                       | 0.035 |           |
| 2,4,5-TP (Silvex)                                | B016165-BLK1        | ND          | ug/L     | 0.070                       | 0.017 |           |
| <b>2,4-Dichlorophenylacetic acid (Surrogate)</b> | <b>B016165-BLK1</b> | <b>97.5</b> | <b>%</b> | <b>40 - 120 (LCL - UCL)</b> |       |           |

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**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis (EPA Method 515.1)

#### Quality Control Report - Laboratory Control Sample

| Constituent                               | QC Sample ID | Type | Result  | Spike Level | Units | Percent Recovery | RPD | Control Limits   |     | Lab Quals |
|---|--------------|------|---------|-------------|-------|------------------|-----|------------------|-----|-----------|
|   |              |      |         |             |       |                  |     | Percent Recovery | RPD |           |
| <b>QC Batch ID: B016165</b>               |              |      |         |             |       |                  |     |                  |     |           |
| 2,4-D                                     | B016165-BS1  | LCS  | 2.1700  | 2.4000      | ug/L  | 90.4             |     | 50 - 120         |     | L01       |
| 2,4-DB                                    | B016165-BS1  | LCS  | 3.5300  | 5.4000      | ug/L  | 65.4             |     | 50 - 120         |     | L01       |
| Dicamba                                   | B016165-BS1  | LCS  | 0.57000 | 0.60000     | ug/L  | 95.0             |     | 50 - 120         |     | L01       |
| Dichloroprop                              | B016165-BS1  | LCS  | 1.8400  | 2.4000      | ug/L  | 76.7             |     | 50 - 120         |     | L01       |
| Dinoseb                                   | B016165-BS1  | LCS  | 0.40000 | 1.2000      | ug/L  | 33.3             |     | 50 - 120         |     | L01       |
| 2,4,5-T                                   | B016165-BS1  | LCS  | 0.37000 | 0.60000     | ug/L  | 61.7             |     | 40 - 120         |     | L01       |
| 2,4,5-TP (Silvex)                         | B016165-BS1  | LCS  | 0.36000 | 0.60000     | ug/L  | 60.0             |     | 50 - 120         |     | L01       |
| 2,4-Dichlorophenylacetic acid (Surrogate) | B016165-BS1  | LCS  | 3.3500  | 4.0000      | ug/L  | 83.8             |     | 40 - 120         |     | L01       |

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Project Number: 18051525  
Project Manager: Joe Nava

### Organic Analysis (EPA Method 515.1) Quality Control Report - Precision & Accuracy

| Constituent                              | Type | Source Sample ID      | Source Result | Result         | Spike Added   | Units       | RPD        | Control Limits   |           | Lab             |                  |
|--|------|-----------------------|---------------|----------------|---------------|-------------|------------|------------------|-----------|-----------------|------------------|
|  |      |                       |               |                |               |             |            | Percent Recovery | RPD       |                 | Percent Recovery |
| <b>QC Batch ID: B016165</b>              |      | Used client sample: N |               |                |               |             |            |                  |           |                 |                  |
| 2,4-D                                    | MS   | 1814296-99            | ND            | 1.7700         | 2.4000        | ug/L        |            | 73.8             |           | 40 - 120        |                  |
|  | MSD  | 1814296-99            | ND            | 1.6600         | 2.4000        | ug/L        | 6.4        | 69.2             | 30        | 40 - 120        |                  |
| 2,4-DB                                   | MS   | 1814296-99            | ND            | 2.7900         | 5.4000        | ug/L        |            | 51.7             |           | 50 - 120        | J                |
|  | MSD  | 1814296-99            | ND            | 2.7400         | 5.4000        | ug/L        | 1.8        | 50.7             | 30        | 50 - 120        | J                |
| Dicamba                                  | MS   | 1814296-99            | ND            | 0.48000        | 0.60000       | ug/L        |            | 80.0             |           | 50 - 120        |                  |
|  | MSD  | 1814296-99            | ND            | 0.45000        | 0.60000       | ug/L        | 6.5        | 75.0             | 30        | 50 - 120        |                  |
| Dichloroprop                             | MS   | 1814296-99            | ND            | 1.4700         | 2.4000        | ug/L        |            | 61.2             |           | 40 - 120        |                  |
|  | MSD  | 1814296-99            | ND            | 1.4700         | 2.4000        | ug/L        | 0          | 61.2             | 30        | 40 - 120        |                  |
| <b>Dinoseb</b>                           | MS   | <b>1814296-99</b>     | <b>ND</b>     | <b>0.29000</b> | <b>1.2000</b> | <b>ug/L</b> |            | <b>24.2</b>      |           | <b>40 - 130</b> | <b>Q03</b>       |
|  | MSD  | <b>1814296-99</b>     | <b>ND</b>     | <b>0.28000</b> | <b>1.2000</b> | <b>ug/L</b> | <b>3.5</b> | <b>23.3</b>      | <b>30</b> | <b>40 - 130</b> | <b>Q03</b>       |
| 2,4,5-T                                  | MS   | 1814296-99            | ND            | 0.30000        | 0.60000       | ug/L        |            | 50.0             |           | 40 - 120        |                  |
|  | MSD  | 1814296-99            | ND            | 0.30000        | 0.60000       | ug/L        | 0          | 50.0             | 30        | 40 - 120        |                  |
| 2,4,5-TP (Silvex)                        | MS   | 1814296-99            | ND            | 0.30000        | 0.60000       | ug/L        |            | 50.0             |           | 40 - 120        |                  |
|  | MSD  | 1814296-99            | ND            | 0.30000        | 0.60000       | ug/L        | 0          | 50.0             | 30        | 40 - 120        |                  |
| 2,4-Dichlorophenylacetic acid (Surrogate | MS   | 1814296-99            | ND            | 2.7800         | 4.0000        | ug/L        |            | 69.5             |           | 40 - 120        |                  |
|  | MSD  | 1814296-99            | ND            | 2.7200         | 4.0000        | ug/L        | 2.2        | 68.0             |           | 40 - 120        |                  |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

### Quality Control Report - Method Blank Analysis

| Constituent                 | QC Sample ID | MB Result | Units | PQL  | MDL   | Lab Quals |
|-----------------------------|--------------|-----------|-------|------|-------|-----------|
| <b>QC Batch ID: B016236</b> |              |           |       |      |       |           |
| Acenaphthylene              | B016236-BLK1 | ND        | ug/L  | 0.10 | 0.022 |           |
| Alachlor                    | B016236-BLK1 | ND        | ug/L  | 0.20 | 0.13  |           |
| Anthracene                  | B016236-BLK1 | ND        | ug/L  | 0.10 | 0.022 |           |
| Atraton                     | B016236-BLK1 | ND        | ug/L  | 0.50 | 0.080 |           |
| Atrazine                    | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.040 |           |
| Benzo[a]anthracene          | B016236-BLK1 | ND        | ug/L  | 0.20 | 0.020 |           |
| Benzo[b]fluoranthene        | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.057 |           |
| Benzo[k]fluoranthene        | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.068 |           |
| Benzo[a]pyrene              | B016236-BLK1 | ND        | ug/L  | 0.10 | 0.088 |           |
| Benzo[g,h,i]perylene        | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.067 |           |
| Benzyl butyl phthalate      | B016236-BLK1 | ND        | ug/L  | 4.0  | 0.043 |           |
| delta-BHC                   | B016236-BLK1 | ND        | ug/L  | 0.20 | 0.066 |           |
| gamma-BHC (Lindane)         | B016236-BLK1 | ND        | ug/L  | 0.20 | 0.059 |           |
| bis(2-Ethylhexyl)phthalate  | B016236-BLK1 | ND        | ug/L  | 3.0  | 0.045 |           |
| Bromacil                    | B016236-BLK1 | ND        | ug/L  | 0.50 | 0.16  |           |
| Chrysene                    | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.020 |           |
| Diazinon                    | B016236-BLK1 | ND        | ug/L  | 0.20 | 0.047 |           |
| Dibenzo[a,h]anthracene      | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.12  |           |
| Di(2-ethylhexyl)adipate     | B016236-BLK1 | ND        | ug/L  | 1.0  | 0.047 |           |
| Dimethoate                  | B016236-BLK1 | ND        | ug/L  | 2.0  | 0.25  |           |
| Dimethyl phthalate          | B016236-BLK1 | ND        | ug/L  | 1.0  | 0.034 |           |
| Di-n-butyl phthalate        | B016236-BLK1 | ND        | ug/L  | 1.0  | 0.034 |           |
| Fluorene                    | B016236-BLK1 | ND        | ug/L  | 0.20 | 0.026 |           |
| Hexachlorobenzene           | B016236-BLK1 | ND        | ug/L  | 0.20 | 0.040 |           |
| Hexachlorocyclopentadiene   | B016236-BLK1 | ND        | ug/L  | 1.0  | 0.14  |           |
| Indeno[1,2,3-cd]pyrene      | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.075 |           |
| Methoxychlor                | B016236-BLK1 | ND        | ug/L  | 0.30 | 0.044 |           |
| Metolachlor                 | B016236-BLK1 | ND        | ug/L  | 0.50 | 0.061 |           |
| Metribuzin                  | B016236-BLK1 | ND        | ug/L  | 0.50 | 0.11  |           |
| Molinate                    | B016236-BLK1 | ND        | ug/L  | 0.50 | 0.053 |           |
| Phenanthrene                | B016236-BLK1 | ND        | ug/L  | 0.10 | 0.020 |           |
| Prometon                    | B016236-BLK1 | ND        | ug/L  | 0.50 | 0.089 |           |
| Prometryn                   | B016236-BLK1 | ND        | ug/L  | 0.50 | 0.043 |           |
| Pyrene                      | B016236-BLK1 | ND        | ug/L  | 0.10 | 0.020 |           |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

### Quality Control Report - Method Blank Analysis

| Constituent                                    | QC Sample ID        | MB Result   | Units    | PQL                         | MDL   | Lab Quals  |
|--|---------------------|-------------|----------|-----------------------------|-------|------------|
| <b>QC Batch ID: B016236</b>                    |                     |             |          |                             |       |            |
| Secbumeton                                     | B016236-BLK1        | ND          | ug/L     | 0.50                        | 0.053 |            |
| Simazine                                       | B016236-BLK1        | ND          | ug/L     | 0.30                        | 0.15  |            |
| Terbutryn                                      | B016236-BLK1        | ND          | ug/L     | 0.50                        | 0.059 |            |
| Thiobencarb                                    | B016236-BLK1        | ND          | ug/L     | 0.50                        | 0.035 |            |
| <b>Perylene-d12 (Surrogate)</b>                | <b>B016236-BLK1</b> | <b>65.2</b> | <b>%</b> | <b>60 - 140 (LCL - UCL)</b> |       |            |
| <b>1,3-Dimethyl-2-nitrobenzene (Surrogate)</b> | <b>B016236-BLK1</b> | <b>93.8</b> | <b>%</b> | <b>70 - 130 (LCL - UCL)</b> |       |            |
| <b>Triphenylphosphate (Surrogate)</b>          | <b>B016236-BLK1</b> | <b>144</b>  | <b>%</b> | <b>70 - 130 (LCL - UCL)</b> |       | <b>S09</b> |
| <b>Pyrene-d10 (Surrogate)</b>                  | <b>B016236-BLK1</b> | <b>94.2</b> | <b>%</b> | <b>70 - 130 (LCL - UCL)</b> |       |            |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

### Quality Control Report - Laboratory Control Sample

| Constituent                             | QC Sample ID | Type | Result  | Spike Level | Units | Percent Recovery | RPD | Control Limits   |     | Lab<br>Quals |
|---|--------------|------|---------|-------------|-------|------------------|-----|------------------|-----|--------------|
|   |              |      |         |             |       |                  |     | Percent Recovery | RPD |              |
| <b>QC Batch ID: B016236</b>             |              |      |         |             |       |                  |     |                  |     |              |
| Acenaphthylene                          | B016236-BS1  | LCS  | 0.82000 | 2.0000      | ug/L  | 41.0             |     | 60 - 130         |     | L01          |
| Alachlor                                | B016236-BS1  | LCS  | 1.8200  | 2.0000      | ug/L  | 91.0             |     | 70 - 130         |     |              |
| Atrazine                                | B016236-BS1  | LCS  | 3.1400  | 2.0000      | ug/L  | 157              |     | 70 - 130         |     | L01          |
| Benzo[a]pyrene                          | B016236-BS1  | LCS  | 0.45000 | 2.0000      | ug/L  | 22.5             |     | 70 - 130         |     | L01          |
| Chrysene                                | B016236-BS1  | LCS  | 2.0600  | 2.0000      | ug/L  | 103              |     | 70 - 130         |     |              |
| Pyrene                                  | B016236-BS1  | LCS  | 1.9200  | 2.0000      | ug/L  | 96.0             |     | 70 - 130         |     |              |
| Simazine                                | B016236-BS1  | LCS  | 2.4900  | 2.0000      | ug/L  | 124              |     | 55 - 130         |     |              |
| Perylene-d12 (Surrogate)                | B016236-BS1  | LCS  | 5.6800  | 5.0000      | ug/L  | 114              |     | 60 - 140         |     |              |
| 1,3-Dimethyl-2-nitrobenzene (Surrogate) | B016236-BS1  | LCS  | 5.0100  | 5.0000      | ug/L  | 100              |     | 70 - 130         |     |              |
| Triphenylphosphate (Surrogate)          | B016236-BS1  | LCS  | 7.6300  | 5.0000      | ug/L  | 153              |     | 70 - 130         |     | S09          |
| Pyrene-d10 (Surrogate)                  | B016236-BS1  | LCS  | 5.2500  | 5.0000      | ug/L  | 105              |     | 70 - 130         |     |              |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

Reported: 06/19/2018 15:58  
Project: Drinking Water Analysis  
Project Number: 18051525  
Project Manager: Joe Nava

## Organic Analysis by Liquid Solids Extraction (EPA Method 525.2)

### Quality Control Report - Precision & Accuracy

| Constituent                             | Type | Source Sample ID      | Source Result | Result  | Spike Added | Units | RPD  | Percent Recovery |                  | Lab      |     |
|---|------|-----------------------|---------------|---------|-------------|-------|------|------------------|------------------|----------|-----|
|   |      |                       |               |         |             |       |      | RPD              | Percent Recovery |          |     |
| <b>QC Batch ID: B016236</b>             |      | Used client sample: N |               |         |             |       |      |                  |                  |          |     |
| Acenaphthylene                          | MS   | 1816772-41            | ND            | 0.74000 | 2.0000      | ug/L  |      | 37.0             |                  | Q03      |     |
|   | MSD  | 1816772-41            | ND            | 0.71000 | 2.0000      | ug/L  | 4.1  | 35.5             | 30               | 60 - 130 | Q03 |
| Alachlor                                | MS   | 1816772-41            | ND            | 1.6800  | 2.0000      | ug/L  |      | 84.0             |                  | 70 - 130 |     |
|   | MSD  | 1816772-41            | ND            | 1.5400  | 2.0000      | ug/L  | 8.7  | 77.0             | 30               | 70 - 130 |     |
| Atrazine                                | MS   | 1816772-41            | ND            | 3.0400  | 2.0000      | ug/L  |      | 152              |                  | 70 - 130 | Q03 |
|   | MSD  | 1816772-41            | ND            | 3.3000  | 2.0000      | ug/L  | 8.2  | 165              | 30               | 70 - 130 | Q03 |
| Benzo[a]pyrene                          | MS   | 1816772-41            | ND            | 0.52000 | 2.0000      | ug/L  |      | 26.0             |                  | 70 - 130 | Q03 |
|   | MSD  | 1816772-41            | ND            | 0.46000 | 2.0000      | ug/L  | 12.2 | 23.0             | 30               | 70 - 130 | Q03 |
| Chrysene                                | MS   | 1816772-41            | ND            | 2.0700  | 2.0000      | ug/L  |      | 104              |                  | 70 - 130 |     |
|   | MSD  | 1816772-41            | ND            | 2.0500  | 2.0000      | ug/L  | 1.0  | 102              | 30               | 70 - 130 |     |
| Pyrene                                  | MS   | 1816772-41            | ND            | 1.7900  | 2.0000      | ug/L  |      | 89.5             |                  | 70 - 130 |     |
|   | MSD  | 1816772-41            | ND            | 1.7200  | 2.0000      | ug/L  | 4.0  | 86.0             | 30               | 70 - 130 |     |
| Simazine                                | MS   | 1816772-41            | ND            | 2.3000  | 2.0000      | ug/L  |      | 115              |                  | 55 - 130 |     |
|   | MSD  | 1816772-41            | ND            | 2.2500  | 2.0000      | ug/L  | 2.2  | 112              | 30               | 55 - 130 |     |
| Perylene-d12 (Surrogate)                | MS   | 1816772-41            | ND            | 6.6700  | 5.0000      | ug/L  |      | 133              |                  | 60 - 140 |     |
|   | MSD  | 1816772-41            | ND            | 5.5700  | 5.0000      | ug/L  | 18.0 | 111              |                  | 60 - 140 |     |
| 1,3-Dimethyl-2-nitrobenzene (Surrogate) | MS   | 1816772-41            | ND            | 4.8300  | 5.0000      | ug/L  |      | 96.6             |                  | 70 - 130 |     |
|   | MSD  | 1816772-41            | ND            | 4.9100  | 5.0000      | ug/L  | 1.6  | 98.2             |                  | 70 - 130 |     |
| Triphenylphosphate (Surrogate)          | MS   | 1816772-41            | ND            | 7.3900  | 5.0000      | ug/L  |      | 148              |                  | 70 - 130 | S09 |
|   | MSD  | 1816772-41            | ND            | 6.8700  | 5.0000      | ug/L  | 7.3  | 137              |                  | 70 - 130 | S09 |
| Pyrene-d10 (Surrogate)                  | MS   | 1816772-41            | ND            | 5.0600  | 5.0000      | ug/L  |      | 101              |                  | 70 - 130 |     |
|   | MSD  | 1816772-41            | ND            | 4.9000  | 5.0000      | ug/L  | 3.2  | 98.0             |                  | 70 - 130 |     |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis for Endothal (EPA Method 548.1)

### Quality Control Report - Method Blank Analysis

| Constituent                 | QC Sample ID | MB Result | Units | PQL | MDL  | Lab Quals |
|-----------------------------|--------------|-----------|-------|-----|------|-----------|
| <b>QC Batch ID: B016458</b> |              |           |       |     |      |           |
| Endothal                    | B016458-BLK1 | ND        | ug/L  | 2.0 | 0.75 |           |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

### Organic Analysis for Endothal (EPA Method 548.1)

#### Quality Control Report - Laboratory Control Sample

| Constituent                 | QC Sample ID | Type | Result | Spike Level | Units | Percent Recovery | RPD | Control Limits   |     | Lab | Quals |
|-----------------------------|--------------|------|--------|-------------|-------|------------------|-----|------------------|-----|-----|-------|
|                             |              |      |        |             |       |                  |     | Percent Recovery | RPD |     |       |
| <b>QC Batch ID: B016458</b> |              |      |        |             |       |                  |     |                  |     |     |       |
| Endothal                    | B016458-BS1  | LCS  | 77.540 | 100.00      | ug/L  | 77.5             |     | 70               | 130 |     |       |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis for Endothal (EPA Method 548.1)

### Quality Control Report - Precision & Accuracy

| Constituent                 | Type | Source<br>Sample ID   | Source<br>Result | Result | Spike<br>Added | Units | RPD | Percent  |                       | Lab<br>Quals |  |
|-----------------------------|------|-----------------------|------------------|--------|----------------|-------|-----|----------|-----------------------|--------------|--|
|                             |      |                       |                  |        |                |       |     | Recovery | Control Limits<br>RPD |              |  |
| <b>QC Batch ID: B016458</b> |      | Used client sample: N |                  |        |                |       |     |          |                       |              |  |
| Endothal                    | MS   | 1816772-73            | ND               | 71.880 | 100.00         | ug/L  |     | 71.9     |                       | 70 - 130     |  |
|                             | MSD  | 1816772-73            | ND               | 76.600 | 100.00         | ug/L  | 6.4 | 76.6     | 30                    | 70 - 130     |  |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis for Herbicides (EPA Method 549.2)

### Quality Control Report - Method Blank Analysis

| Constituent                 | QC Sample ID | MB Result | Units | PQL | MDL | Lab Quals |
|-----------------------------|--------------|-----------|-------|-----|-----|-----------|
| <b>QC Batch ID: B016438</b> |              |           |       |     |     |           |
| Diquat                      | B016438-BLK1 | ND        | ug/L  | 4.0 | 1.1 |           |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis for Herbicides (EPA Method 549.2)

### Quality Control Report - Laboratory Control Sample

| Constituent                 | QC Sample ID | Type | Result | Spike Level | Units | Percent Recovery | RPD | Control Limits   |     | Lab |
|-----------------------------|--------------|------|--------|-------------|-------|------------------|-----|------------------|-----|-----|
|                             |              |      |        |             |       |                  |     | Percent Recovery | RPD |     |
| <b>QC Batch ID: B016438</b> |              |      |        |             |       |                  |     |                  |     |     |
| Diquat                      | B016438-BS1  | LCS  | 140.76 | 160.00      | ug/L  | 88.0             |     | 70               | 130 |     |

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Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

## Organic Analysis for Herbicides (EPA Method 549.2)

### Quality Control Report - Precision & Accuracy

| Constituent                 | Type | Source<br>Sample ID   | Source<br>Result | Result | Spike<br>Added | Units | RPD | Percent  |     | Lab<br>Quals |          |
|-----------------------------|------|-----------------------|------------------|--------|----------------|-------|-----|----------|-----|--------------|----------|
|                             |      |                       |                  |        |                |       |     | Recovery | RPD |              | Recovery |
| <b>QC Batch ID: B016438</b> |      | Used client sample: N |                  |        |                |       |     |          |     |              |          |
| Diquat                      | MS   | 1816772-75            | ND               | 140.20 | 160.00         | ug/L  |     | 87.6     |     | 70 - 130     |          |
|                             | MSD  | 1816772-75            | ND               | 140.20 | 160.00         | ug/L  | 0   | 87.6     | 30  | 70 - 130     |          |

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BSK Associates Laboratory Fresno  
1414 Stanislaus St  
Fresno, CA 93706  
559-497-2888 (Main)  
559-485-6935 (FAX)

**A8F0505**  
6/19/2018  
Invoice: A817148

Felicia Johnson  
BC Laboratories  
4100 Atlas Court  
Bakersfield, CA 93308

**RE: Report for A8F0505 General: Project Manager-Felicia Johnson**

Dear Felicia Johnson,

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 6/5/2018. 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 2009 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 Project Manager, Sarah K. Guenther, at 559-497-2888.

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

Sincerely,

Sarah K. Guenther, Project Manager



Accredited in Accordance with NELAP  
ORELAP #4021-009

*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.*

A8F0505 FINAL 06192018 0829

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Page 1 of 10



**A8F0505**

General: Project Manager-Felicia Johnson

**Case Narrative**

**Project and Report Details Invoice Details**

**Client:** BC Laboratories  
**Report To:** Felicia Johnson  
**Project #:** 1817290  
**Received:** 6/05/2018 - 17:00  
**Report Due:** 6/19/2018

**Invoice To:** BC Laboratories  
**Invoice Attn:** Felicia Johnson  
**Project PO#:** -

**Sample Receipt Conditions**

**Cooler:** Default Cooler  
**Temperature on Receipt °C:** 5.5

Containers Intact  
COC/Labels Agree  
Preservation Confirmed  
Received On Wet Ice  
Packing Material - Bubble Wrap  
Sample(s) were received in temperature range.  
Initial receipt at BSK-FAL

**Data Qualifiers**

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

J Estimated value

**Report Distribution**

| Recipient(s)    | Report Format | CC: |
|-----------------|---------------|-----|
| Felicia Johnson | FINAL.RPT     |     |

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.

A8F0505 FINAL 06192018 0829



A8F0505

General: Project Manager-Felicia Johnson

1817290

Certificate of Analysis

Sample ID: A8F0505-01
Sampled By: Client
Sample Description: 1817290-01

Sample Date - Time: 05/31/18 - 11:45
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno
Organics

Table with 11 columns: Analyte, Method, Result, MDL, RL, Units, RL Mult, Batch, Prepared, Analyzed, Qual. Rows include Carbamates by HPLC (3-Hydroxycarbofuran, Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbaryl, Carbofuran, Methomyl, Oxamyl) and Glyphosate by HPLC (Glyphosate, Surrogate: AMPA).

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A8F0505 FINAL 06192018 0829



A8F0505

General: Project Manager-Felicia Johnson

1817290

Certificate of Analysis

Sample ID: A8F0505-02
Sampled By: Client
Sample Description: 1817290-02

Sample Date - Time: 05/31/18 - 11:55
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Organics

Table with 11 columns: Analyte, Method, Result, MDL, RL, Units, RL Mult, Batch, Prepared, Analyzed, Qual. Rows include Carbamates by HPLC (3-Hydroxycarbofuran, Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbaryl, Carbofuran, Methomyl, Oxamyl) and Glyphosate by HPLC (Glyphosate, Surrogate: AMPA).

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A8F0505 FINAL 06192018 0829



A8F0505

General: Project Manager-Felicia Johnson

BSK Associates Laboratory Fresno
Organics Quality Control Report

Table with 12 columns: Analyte, Result, MDL, RL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Date Analyzed, Qual

EPA 531.1 - Quality Control

Batch: A808220
Prep Method: EPA 531.1

Prepared: 6/12/2018
Analyst: PNN

Blank (A808220-BLK1)

Table with 12 columns showing results for Blank (A808220-BLK1) for various analytes like 3-Hydroxycarbofuran, Aldicarb, etc.

Blank Spike (A808220-BS1)

Table with 12 columns showing results for Blank Spike (A808220-BS1) for various analytes with numerical values.

Blank Spike Dup (A808220-BSD1)

Table with 12 columns showing results for Blank Spike Dup (A808220-BSD1) for various analytes with numerical values.

Matrix Spike (A808220-MS1), Source: A8F0500-01

Table with 12 columns showing results for Matrix Spike (A808220-MS1) for various analytes with numerical values.

EPA 547 - Quality Control

Batch: A808242
Prep Method: EPA 547

Prepared: 6/12/2018
Analyst: JNG

Blank (A808242-BLK1)

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.

A8F0505 FINAL 06192018 0829



A8F0505

General: Project Manager-Felicia Johnson

BSK Associates Laboratory Fresno
Organics Quality Control Report

Table with 12 columns: Analyte, Result, MDL, RL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Date Analyzed, Qual

EPA 547 - Quality Control

Batch: A808242
Prep Method: EPA 547

Prepared: 6/12/2018
Analyst: JNG

Main data table with columns for Analyte, Result, MDL, RL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Date Analyzed, Qual. Includes rows for Blank (A808242-BLK1), Blank (A808242-BLK2), Blank Spike (A808242-BS1), Blank Spike Dup (A808242-BSD1), MRL Check (A808242-MRL1), MRL Check (A808242-MRL2), and Matrix Spike (A808242-MS1).

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A8F0505 FINAL 06192018 0829

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A8F0505

General: Project Manager-Felicia Johnson

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.
- 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.
- (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.
- 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 MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.

Definitions

Table with 4 columns: Unit, Definition, Abbreviation, and Description. Includes entries for mg/L, mg/Kg, ug/L, ug/Kg, %, NR, MDL, RL, ND, pCi/L, RL Mult, MCL, MDA95, MPN, CFU, Absent, Present.

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

BSK is not accredited under the NELAP program for the following parameters: \*\*NA\*\*

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

Fresno

Table listing Fresno certifications: EPA - UCMR4, State of California - ELAP, State of Oregon - NELAP with corresponding agency and certification numbers.

Sacramento

Table listing Sacramento certification: State of California - ELAP 2435

San Bernardino

Table listing San Bernardino certifications: Los Angeles CSD, State of Oregon - NELAP with corresponding agency and certification numbers.

Vancouver

Table listing Vancouver certification: NELAP certified WA100008-011, State of Oregon - NELAP WA100008-011, State of Washington C824-17

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A8F0505 FINAL 06192018 0829

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A8F0505



06052018

BCLab4911

Turnaround: Standard  
Due Date: 6/19/2018



BC Laboratories



Printed: 6/5/2018 6:38:13PM

Page 1 of 1

Page 8 of 10

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**SUBCONTRACT ORDER**

**BC Laboratories  
1817290**

A8F0505  
BCLab4911

06/05/2018  
10

*5.5 #54*



**SENDING LABORATORY:**

BC Laboratories  
4100 Atlas Court  
Bakersfield, CA 93308  
Phone: 661-327-4911  
FAX: 661-327-1918  
Project Manager: Felicia Johnson

**RECEIVING LABORATORY:**

BSK Analytical Labs  
1414 Stanislaus Street  
Fresno, CA 93706  
Phone: (800) 877-8310  
FAX: (559) 485-6935

**BSKSA**

**Analysis Due Expires Comments**

**Sample ID: 1817290-01 Water Sampled: 05/31/18 11:45**

EPA 531.1 - Carbamate & Urea Pesticides 06/15/18 17:00 06/28/18 11:45

EPA 547 - Glyphosate 06/15/18 17:00 06/14/18 11:45

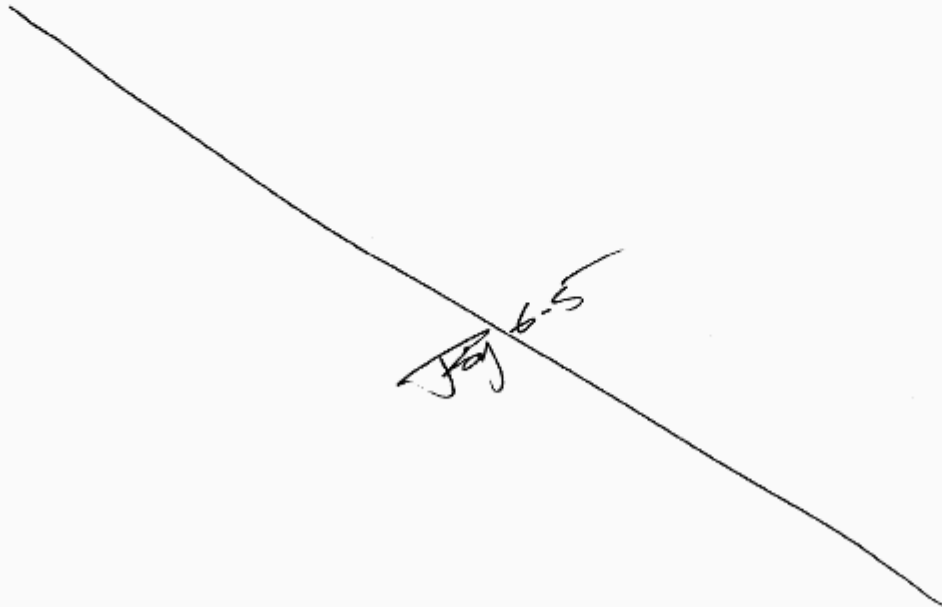
Containers supplied:

**Sample ID: 1817290-02 Water Sampled: 05/31/18 11:55**

EPA 531.1 - Carbamate & Urea Pesticides 06/15/18 17:00 06/28/18 11:55

EPA 547 - Glyphosate 06/15/18 17:00 06/14/18 11:55

Containers supplied:



|                            |                    |                                |                    |
|----------------------------|--------------------|--------------------------------|--------------------|
| Released By <i>Jey 6-5</i> | Date <i>6-5-18</i> | Received By <i>Jey 6-5</i>     | Date <i>6-5-18</i> |
| Released By <i>Jey 6-5</i> | Date <i>6-5-18</i> | Received By <i>Sammy Young</i> | Date <i>6-5-18</i> |

**BSKSA**

*PNG W Jey*



BSK Associates SR-FL-0002-19

A8F0505  
BCLab4911

06/05/2018  
10

### 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 | NA        |
|--|--|--------------|--------------------|-----------|---|--------------------|------------|----|-----------|
| Was temperature within range?<br>Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 8^{\circ}\text{C}$                  |  | <u>Yes</u>   |                    |           |   |                    |            |    |           |
| If samples were taken today, is there evidence that chilling has begun?  |  | Yes          | No                 | <u>NA</u> | Bubbles Present VOAs (524.2/TCP/TTHM)?                                      |                    | Yes        | No | <u>NA</u> |
| Did all bottles arrive unbroken and intact?  |  | <u>Yes</u>   | No                 |           | TB Received? (Check Method Below)   |                    | Yes        | No | <u>NA</u> |
| Did all bottle labels agree with COC?  |  | <u>Yes</u>   | No                 |           | Was a sufficient amount of sample received?                                 |                    | <u>Yes</u> | No | <u>NA</u> |
| Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?                               |  | Yes          | No                 | <u>NA</u> | Do samples have a hold time <72 hours?                                      |                    | Yes        | No | <u>NA</u> |
|  |  |              |                    |           | Was PM notified of discrepancies?   |                    | Yes        | No | <u>NA</u> |
|  |  |              |                    |           | PM: _____ By/Time: _____  |                    |            |    |           |
| 250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)  |  | Checks       | Passed?            |           | <u>1-2</u>  |                    |            |    |           |
| Bacti Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>  |  | —            | —                  |           |   |                    |            |    |           |
| None (P) White Cap   |  | —            | —                  |           |   |                    |            |    |           |
| Cr6 (P) Lt. Green Label/Blue Cap NH <sub>4</sub> OH/NH <sub>4</sub> 2SO <sub>4</sub> DW                          |  | Cl, pH > 8   | P                  | F         |   |                    |            |    |           |
| Cr6 (P) Pink Label/Blue Cap NH <sub>4</sub> OH/NH <sub>4</sub> 2SO <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> 2SO <sub>4</sub> 7199<br>***24 HOUR HOLD TIME*** |  | pH 9.0-9.5   | P                  | F         |   |                    |            |    |           |
| HNO <sub>3</sub> (P) Red Cap or HCl (P) Purple Cap/Lt. Blue Label  |  | —            | —                  |           |   |                    |            |    |           |
| H <sub>2</sub> SO <sub>4</sub> (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) 603/805/1/8052, 825, 632/8321, 8151, 8270  |  | —            | —                  |           |   |                    |            |    |           |
| HCl (AG) Lt. Blue Label O&G, Diesel, TCP   |  | —            | —                  |           |   |                    |            |    |           |
| Ascorbic, EDTA, KH <sub>2</sub> Cl (AG) Pink Label 525   |  | —            | —                  |           |   |                    |            |    |           |
| Na <sub>2</sub> SO <sub>3</sub> 250mL (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       | <u>P</u>           | F         | <u>1-2</u>  |                    |            |    |           |
| NH <sub>4</sub> Cl (AG) Purple Label 552   |  | —            | —                  |           |   |                    |            |    |           |
| EDA (AG) Brown Label DBPs  |  | —            | —                  |           |   |                    |            |    |           |
| HCL (CG) 524.2, BTEX, Gas, MTBE, 8260/624  |  | —            | —                  |           |   |                    |            |    |           |
| Buffer pH 4 (CG)   |  | —            | —                  |           |   |                    |            |    |           |
| H <sub>3</sub> PO <sub>4</sub> (CG) Salmon Label   |  | —            | —                  |           |   |                    |            |    |           |
| Other:   |  |              |                    |           |   |                    |            |    |           |
| Asbestos 1L (P) w/ Foil / LL Metals Bottle   |  | —            | —                  |           |   |                    |            |    |           |
| Bottled Water  |  | —            | —                  |           |   |                    |            |    |           |
| Clear Glass 250mL / 500mL / 1 Liter  |  | —            | —                  |           |   |                    |            |    |           |
| Solids: Brass / Steel / Plastic Bag  |  | —            | —                  |           |   |                    |            |    |           |
| Split  | Container  | Preservative | Date/Time/Initials | Container | Preservative  | Date/Time/Initials |            |    |           |
|  | S P  |              |                    | S P       |   |                    |            |    |           |
| Comments   | <p>✓ Indicates Blanks Received</p> <p>504 ___ 524.2 ___ TCP ___ TTHM ___ 537 ___</p> <p>8260/624 ___</p> |              |                    |           |   |                    |            |    |           |

Labeled by: PM @ 1851 Labels checked by: PM @ 1852 RUSH Paged by: \_\_\_\_\_ @ \_\_\_\_\_



Sierra Environmental Monitoring  
1135 Financial  
Reno, NV 89502

**Reported:** 06/19/2018 15:58  
**Project:** Drinking Water Analysis  
**Project Number:** 18051525  
**Project Manager:** Joe Nava

**Notes And Definitions**

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- L01 The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.
- S09 The surrogate recovery on the sample for this compound was not within the control limits.
- V11 The Continuing Calibration Verification (CCV) recovery is not within established control limits.



**Report Results To:**

Report Attention: Jay Flakus, Public Works Director    Project Number:

Company: City of Yerington Nevada - Public Works

Mailing Address: 102 S Main Street

City, State, Zip: Yerington, NV 89447

Phone: 775-302-1155    Email / Fax: jayf@yerington.net

**Send Invoice To:**

Invoice Attention: Jay Flakus    PO# OPEN    Quote #

Company: City of Yerington Nevada - Public Works

Mailing Address: 102 S Main Street

City, State, Zip: Yerington, NV 89447

Phone: 775-302-1155    Email / Fax: jayf@yerington.net

Sampled by: SAH FAKUS    Signature: [Signature]

**ANALYSES REQUESTED**

I attest to the validity and authenticity of the sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time is considered fraud and may be grounds for legal action.

Standard:  Standard TAT 7-10 Business Days. Note that some tests vary.

Rush

Same Day:     3 Day:     Other (Specify): \_\_\_\_\_

1 Day:     4 Day:     Rush results will be issued after 4:00 p.m.

2 Day:     5 Day:

NOTE: A Rush Surcharge is applied for rush samples

Other Pertinent Information / Special Instructions  
 MAY 2018 SOCS AND IOCS

| Date Sampled | Time Sampled | Sample Identification                    | SSAL - SEM Lab No. | Comp. Grab | Matrix | Preservative** | Number / Type of Containers *** |
|--------------|--------------|--|--------------------|------------|--------|----------------|---------------------------------|
| 05/31/18     | 1145         | TP07 - ARSENIC TREATMENT PLANT (TREATED) |                    | G          | DW     | MULT           | 10 X                            |
| 05/31/18     | 1155         | W07 - CALIFORNIA WELL (RAW)              |                    | G          | DW     | MULT           | 10 X                            |

QC Level Report  I  II  III  IV

Send Results Via: Mail:  Email:  Fax:

Send Invoice Via: Mail:  Email:  Fax:

Field Measurements: On-Site pH: Chlorine: Temperature: Other:

| Date | Time | Signature          | Print Name                        | Company               | Date    | Time  |
|------|------|--------------------|-----------------------------------|-----------------------|---------|-------|
|      |      | <u>[Signature]</u> | SAH FAKUS                         | City of Yerington, NV | 5/31/18 | 1302  |
|      |      | <u>[Signature]</u> | Jesslyna Cochran                  | City of Yerington, NV | 5/31/18 | 1:00  |
|      |      | <u>[Signature]</u> | Jesslyna Cochran                  | City of Yerington, NV | 5/31/18 | 2:18  |
|      |      | <u>[Signature]</u> | Ryan Malkeowich                   | SSAL                  | 5/31/18 | 14:18 |
|      |      | <u>[Signature]</u> | Jay Flakus, Public Works Director | City of Yerington, NV | 5/31/18 | 1302  |

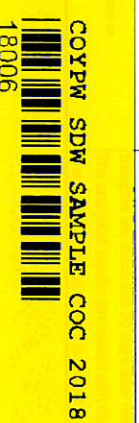
Authorization is required to process samples. This obligates your organization for service fees. SSAL Standard T & C's or other written agreement applies. If no legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.

Matrix\* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other

Preservative\*\* 1=H<sub>2</sub>SO<sub>4</sub>, 2=HNO<sub>3</sub>, 3=HCl, 4=NaOH, 5=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, 6=None, 7=Other

Unless other arrangements are made and storage fees may apply, all samples are to be stored in the laboratory.

Containers\*\*\* P-Plastic, G-Glass, V-Voal, Vial, OT-Other





Silver State Labs-Reno  
1135 Financial Blvd  
Reno, NV 89502  
(775) 857-2400 FAX: (888) 398-7002  
www.ssalabs.com

## Definitions & Qualifiers

WO#: 18051525

Date: 6/20/2018

### Definitions:

LCS: Laboratory Control Sample; prepared by adding a known mass of target analytes to a specified amount of de-ionized water and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: LCS Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

MBLK: Method Blank; a sample of similar matrix that is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses.

MS: Matrix Spike; prepared by adding a known mass of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: Matrix Spike Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

RPD: Relative Percent Difference; comparison between sample and duplicate and/or MS and MSD.

PQL: Practical Quantitation Limit; the limit to which data is quantitated for reporting.

MDL: Method Detection Limit; the limit to which the instrument can reliably detect.

MCL: Maximum Contaminant Level; value set according to EPA guidelines.

### Qualifiers:

\* - Analyte exceeds Safe Drinking Water Act MCL, does not meet drinking water standards.

C - Analyte value below Safe Drinking Water Act MCL, does not meet drinking water standards.

B - Analyte found above the PQL in associated method blank.

G - Calibration blank analyte detected above PQL.

H - Sample analyzed beyond holding time for this parameter.

J - Estimated Value; Analyte found between MDL and PQL limits.

L - Sample concentration is at least 5 times greater than spike contribution. Spike recovery criteria do not apply.

R - RPD between sample and duplicate sample outside the RPD acceptance limits.

S - Batch MS and/or MSD were outside acceptance limits, batch LCS was acceptable.

W - Sample temperature when received was out of limit as specified by method.