

Date of Report: 07/07/2016

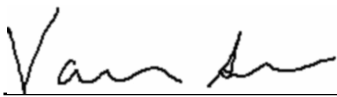
Christy Scott

Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

Client Project: [none]  
BCL Project: Nitrate  
BCL Work Order: 1618090  
Invoice ID: B239713

Enclosed are the results of analyses for samples received by the laboratory on 7/5/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Vanessa Sandoval  
Client Service Rep



Authorized Signature

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

*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.*  
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### Notes

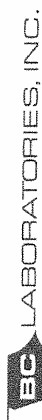
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## 48-hour

## Holding Times

1ST WEEK OF MONTH

## Chain of Custody



4100 Atlas Court

Bakersfield, CA 93309

(661) 327-4911

Project Name: Nitrates

System Name: Crescenta Valley Water District

Laboratory: BC Laboratories, Inc.

ELAP#: 1186

Date Sampled: 7-5-2016

16-18090

Sampler: K. Reyes

Employed By: CVWD

System Number: 191-0028

|                                            |
|--------------------------------------------|
| SHORT HOLDING TIME                         |
| Cr+6 NO <sub>2</sub> NO <sub>3</sub> OP SS |
| DO Cl <sub>2</sub> BOD MBAS COT            |

|        |              |
|--------|--------------|
| CHK BY | DISTRIBUTION |
|        |              |
|        | SUB-OUT      |
|        |              |

| Laboratory I.D. Number       | Collection Time | Bottle Number | Sampling Point                    | Tests Required                          | Station Number |
|------------------------------|-----------------|---------------|-----------------------------------|-----------------------------------------|----------------|
|                              | 0837            | -1            | Glenwood Pump Station (untreated) | Nitrate as N by EPA 300.0               | 1910028-016    |
|                              | 0853            | -2            | Oak Creek Reservoir               | Nitrate as N by EPA 300.0               | 1910028-017    |
|                              | 0901            | -3            | Encinal Reservoir                 | Nitrate as N by EPA 300.0               | 1910028-014    |
|                              | 0911            | -4            | Well #1                           | Nitrate as N by EPA 300.0               | 1910028-002    |
|                              | 0935            | -5            | Well #5                           | Nitrate as N by EPA 300.0               | 1910028-005    |
|                              | 1202            | -6            | Well #6                           | Nitrate as N by EPA 300.0               | 1910028-006    |
|                              | 0917            | -7            | Well #7                           | Nitrate as N by EPA 300.0               | 1910028-007    |
|                              | 1140            | -8            | Well #8                           | Nitrate as N by EPA 300.0               | 1910028-008    |
|                              | 0928            | -9            | Well #9                           | Nitrate as N by EPA 300.0               | 1910028-009    |
|                              | 1216            | -10           | Well #10                          | Nitrate as N by EPA 300.0               | 1910028-010    |
|                              | 1019            | -11           | Well #11                          | Nitrate as N by EPA 300.0               | 1910028-011    |
|                              | 1151            | -12           | Well #12                          | Nitrate as N by EPA 300.0               | 1910028-012    |
|                              | 1134            | -13           | Well #14                          | Nitrate as N by EPA 300.0               | 1910028-013    |
|                              | NA              | 14            | Well #15                          | Nitrate as N by EPA 300.0               | 1910028-024    |
|                              | NA              | 15            | Well #16                          | Nitrate as N by EPA 300.0               | 1910028-027    |
| Relinquished by: (Signature) |                 |               |                                   | Received by: (signature), Date and Time | 7-5-16 1310    |
| Relinquished by: (Signature) |                 |               |                                   | Received by: (signature), Date and Time | 7-5-16 1815    |

Notification Required: ☒ Yes ☐ No

Nitrates for Oak Creek or Encinal

&gt; 38 ppm require immediate notification

48-HOUR TURNAROUND, RESULTS SUMMARY

FAXED TO (818) 249-8752

Person Notified: DAVE SPAIN / CHRISTY SCOTT

Contact Numbers: 818-284-5816 / 818-284-5815

Date/Time Notified:

Email at: labs@cvwd.com

Secondary notification number(818) 249-2185

Revised 7/5/16

Week 1 Page 1 Nitrate

All testing is conducted in accordance with USEPA's Guidelines 40 CFR Part 141 as published in Federal Register, Vol. 57, No. 112, Dated 10 June 1992



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949

**Chain of Custody and Cooler Receipt Form for 1618090 Page 2 of 3**

| BC LABORATORIES INC.                                                                                                                                                                                                                                                                       |  | COOLER RECEIPT FORM                                                                                                                                                                     |   | Page <u>1 of 2</u>                                                                               |   |   |   |   |   |   |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------|---|---|---|---|---|---|----|
| Submission #: <u>16-18090</u>                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                         |   |                                                                                                  |   |   |   |   |   |   |    |
| <b>SHIPPING INFORMATION</b><br>Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/><br>BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____              |  | <b>SHIPPING CONTAINER</b><br>Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/><br>Other <input type="checkbox"/> (Specify) _____ |   | <b>FREE LIQUID</b><br>YES <input type="checkbox"/> NO <input type="checkbox"/><br><u>(W)</u> / S |   |   |   |   |   |   |    |
| Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____                                                                                                                        |  |                                                                                                                                                                                         |   |                                                                                                  |   |   |   |   |   |   |    |
| Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____<br>Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>         |  |                                                                                                                                                                                         |   |                                                                                                  |   |   |   |   |   |   |    |
| All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  |                                                                                                                                                                                         |   |                                                                                                  |   |   |   |   |   |   |    |
| COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                           |  | Emissivity: <u>0.97</u> Container: <u>FE</u> Thermometer ID: <u>208</u>                                                                                                                 |   | Date/Time <u>7-5-16</u> <u>1824</u>                                                              |   |   |   |   |   |   |    |
|                                                                                                                                                                                                                                                                                            |  | Temperature: (A) <u>0.8</u> °C / (C) <u>0.9</u> °C                                                                                                                                      |   | Analyst Init <u>M</u>                                                                            |   |   |   |   |   |   |    |
| <b>SAMPLE CONTAINERS</b>                                                                                                                                                                                                                                                                   |  | <b>SAMPLE NUMBERS</b>                                                                                                                                                                   |   |                                                                                                  |   |   |   |   |   |   |    |
|                                                                                                                                                                                                                                                                                            |  | 1                                                                                                                                                                                       | 2 | 3                                                                                                | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| QT PE UNPRES                                                                                                                                                                                                                                                                               |  | A                                                                                                                                                                                       | A | A                                                                                                | A | A | A | A | A | A | A  |
| 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 508/608/8080                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                         |   |                                                                                                  |   |   |   |   |   |   |    |
| QT EPA 515.1/8150                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                         |   |                                                                                                  |   |   |   |   |   |   |    |
| 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: M

A = Actual / C = Corrected

Date/Time: 7-5-16 1859

Rev 21 05/23/2016

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**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949

**Chain of Custody and Cooler Receipt Form for 1618090 Page 3 of 3**

| BC LABORATORIES INC.                                                                                                                                                                                                                                                                       |  | COOLER RECEIPT FORM                                                                                                                                                                     |   | Page <u>2 of 2</u>                                                                                        |   |   |   |   |   |   |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|----|
| Submission #: <u>16-18090</u>                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                         |   |                                                                                                           |   |   |   |   |   |   |    |
| <b>SHIPPING INFORMATION</b><br>Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/><br>BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____              |  | <b>SHIPPING CONTAINER</b><br>Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/><br>Other <input type="checkbox"/> (Specify) _____ |   | <b>FREE LIQUID</b><br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/><br><u>W</u> / S |   |   |   |   |   |   |    |
| Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____                                                                                                                        |  |                                                                                                                                                                                         |   |                                                                                                           |   |   |   |   |   |   |    |
| Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____<br>Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>         |  |                                                                                                                                                                                         |   |                                                                                                           |   |   |   |   |   |   |    |
| All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  |                                                                                                                                                                                         |   |                                                                                                           |   |   |   |   |   |   |    |
| <b>COC Received</b><br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                 |  | Emissivity: <u>0.97</u> Container: <u>FE</u> Thermometer ID: <u>208</u>                                                                                                                 |   | Date/Time <u>7-5-16</u> <u>1824</u>                                                                       |   |   |   |   |   |   |    |
|                                                                                                                                                                                                                                                                                            |  | Temperature: (A) <u>0.8</u> °C / (C) <u>0.9</u> °C                                                                                                                                      |   | Analyst Init <u>M</u>                                                                                     |   |   |   |   |   |   |    |
| <b>SAMPLE CONTAINERS</b>                                                                                                                                                                                                                                                                   |  | <b>SAMPLE NUMBERS</b>                                                                                                                                                                   |   |                                                                                                           |   |   |   |   |   |   |    |
|                                                                                                                                                                                                                                                                                            |  | 1                                                                                                                                                                                       | 2 | 3                                                                                                         | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| QT PE UNPRES                                                                                                                                                                                                                                                                               |  | A                                                                                                                                                                                       | A | A                                                                                                         |   |   |   |   |   |   |    |
| 4oz / 8oz / 16oz PE UNPRES                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                         |   |                                                                                                           |   |   |   |   |   |   |    |
| 2oz Cr <sup>14</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 508/608/8080                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                         |   |                                                                                                           |   |   |   |   |   |   |    |
| QT EPA 515.1/8150                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                         |   |                                                                                                           |   |   |   |   |   |   |    |
| 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: \_\_\_\_\_

A = Actual / C = Corrected

Date/Time: 7-5-16 1858

Rev 21 05/23/2016

[S:\WPDoc\WordPerfect\LAB\_DOCS\FORMS\SAMRECrev 20]

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |                                   |
|------------|---------------------------|-----------------------------------|
| 1618090-01 | <b>COC Number:</b>        | ---                               |
|            | <b>Project Number:</b>    | ---                               |
| 1618090-01 | <b>Sampling Location:</b> | ---                               |
|            | <b>Sampling Point:</b>    | Glenwood Pump Station (untreated) |
| 1618090-01 | <b>Sampled By:</b>        | K. Boyce                          |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15                  |
| 1618090-01 | <b>Sampling Date:</b>     | 07/05/2016 08:37                  |
|            | <b>Sample Depth:</b>      | ---                               |
| 1618090-01 | <b>Lab Matrix:</b>        | Water                             |
|            | <b>Sample Type:</b>       | Water                             |
| 1618090-01 | <b>District ID:</b>       | 4TH                               |
|            | <b>System Number:</b>     | 1910028                           |
| 1618090-01 | <b>Station Number:</b>    | 1910028-016                       |
|            | <b>Holding Times Met:</b> |                                   |
| 1618090-02 | <b>COC Number:</b>        | ---                               |
|            | <b>Project Number:</b>    | ---                               |
| 1618090-02 | <b>Sampling Location:</b> | ---                               |
|            | <b>Sampling Point:</b>    | Oak Creek Reservoir               |
| 1618090-02 | <b>Sampled By:</b>        | K. Boyce                          |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15                  |
| 1618090-02 | <b>Sampling Date:</b>     | 07/05/2016 08:53                  |
|            | <b>Sample Depth:</b>      | ---                               |
| 1618090-02 | <b>Lab Matrix:</b>        | Water                             |
|            | <b>Sample Type:</b>       | Water                             |
| 1618090-02 | <b>District ID:</b>       | 4TH                               |
|            | <b>System Number:</b>     | 1910028                           |
| 1618090-02 | <b>Station Number:</b>    | 1910028-017                       |
|            | <b>Holding Times Met:</b> |                                   |
| 1618090-03 | <b>COC Number:</b>        | ---                               |
|            | <b>Project Number:</b>    | ---                               |
| 1618090-03 | <b>Sampling Location:</b> | ---                               |
|            | <b>Sampling Point:</b>    | Encinal Reservoir                 |
| 1618090-03 | <b>Sampled By:</b>        | K. Boyce                          |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15                  |
| 1618090-03 | <b>Sampling Date:</b>     | 07/05/2016 09:01                  |
|            | <b>Sample Depth:</b>      | ---                               |
| 1618090-03 | <b>Lab Matrix:</b>        | Water                             |
|            | <b>Sample Type:</b>       | Water                             |
| 1618090-03 | <b>District ID:</b>       | 4TH                               |
|            | <b>System Number:</b>     | 1910028                           |
| 1618090-03 | <b>Station Number:</b>    | 1910028-014                       |
|            | <b>Holding Times Met:</b> |                                   |
| 1618090-04 | <b>COC Number:</b>        | ---                               |
|            | <b>Project Number:</b>    | ---                               |
| 1618090-04 | <b>Sampling Location:</b> | ---                               |
|            | <b>Sampling Point:</b>    | Well #1                           |
| 1618090-04 | <b>Sampled By:</b>        | K. Boyce                          |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15                  |
| 1618090-04 | <b>Sampling Date:</b>     | 07/05/2016 09:11                  |
|            | <b>Sample Depth:</b>      | ---                               |
| 1618090-04 | <b>Lab Matrix:</b>        | Water                             |
|            | <b>Sample Type:</b>       | Water                             |
| 1618090-04 | <b>District ID:</b>       | 4TH                               |
|            | <b>System Number:</b>     | 1910028                           |
| 1618090-04 | <b>Station Number:</b>    | 1910028-002                       |
|            | <b>Holding Times Met:</b> |                                   |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |          |                                        |
|------------|---------------------------|----------|----------------------------------------|
| 1618090-05 | <b>COC Number:</b>        | ---      | <b>Receive Date:</b> 07/05/2016 18:15  |
|            | <b>Project Number:</b>    | ---      | <b>Sampling Date:</b> 07/05/2016 09:35 |
| 1618090-05 | <b>Sampling Location:</b> | ---      | <b>Sample Depth:</b> ---               |
|            | <b>Sampling Point:</b>    | Well #5  | <b>Lab Matrix:</b> Water               |
| 1618090-05 | <b>Sampled By:</b>        | K. Boyce | <b>Sample Type:</b> Water              |
|            |                           |          | District ID: 4TH                       |
|            |                           |          | System Number: 1910028                 |
|            |                           |          | Station Number: 1910028-005            |
|            |                           |          | Holding Times Met:                     |
| 1618090-06 | <b>COC Number:</b>        | ---      | <b>Receive Date:</b> 07/05/2016 18:15  |
|            | <b>Project Number:</b>    | ---      | <b>Sampling Date:</b> 07/05/2016 12:02 |
| 1618090-06 | <b>Sampling Location:</b> | ---      | <b>Sample Depth:</b> ---               |
|            | <b>Sampling Point:</b>    | Well #6  | <b>Lab Matrix:</b> Water               |
| 1618090-06 | <b>Sampled By:</b>        | K. Boyce | <b>Sample Type:</b> Water              |
|            |                           |          | District ID: 4TH                       |
|            |                           |          | System Number: 1910028                 |
|            |                           |          | Station Number: 1910028-006            |
|            |                           |          | Holding Times Met:                     |
| 1618090-07 | <b>COC Number:</b>        | ---      | <b>Receive Date:</b> 07/05/2016 18:15  |
|            | <b>Project Number:</b>    | ---      | <b>Sampling Date:</b> 07/05/2016 09:17 |
| 1618090-07 | <b>Sampling Location:</b> | ---      | <b>Sample Depth:</b> ---               |
|            | <b>Sampling Point:</b>    | Well #7  | <b>Lab Matrix:</b> Water               |
| 1618090-07 | <b>Sampled By:</b>        | K. Boyce | <b>Sample Type:</b> Water              |
|            |                           |          | District ID: 4TH                       |
|            |                           |          | System Number: 1910028                 |
|            |                           |          | Station Number: 1910028-007            |
|            |                           |          | Holding Times Met:                     |
| 1618090-08 | <b>COC Number:</b>        | ---      | <b>Receive Date:</b> 07/05/2016 18:15  |
|            | <b>Project Number:</b>    | ---      | <b>Sampling Date:</b> 07/05/2016 11:42 |
| 1618090-08 | <b>Sampling Location:</b> | ---      | <b>Sample Depth:</b> ---               |
|            | <b>Sampling Point:</b>    | Well #8  | <b>Lab Matrix:</b> Water               |
| 1618090-08 | <b>Sampled By:</b>        | K. Boyce | <b>Sample Type:</b> Water              |
|            |                           |          | District ID: 4TH                       |
|            |                           |          | System Number: 1910028                 |
|            |                           |          | Station Number: 1910028-008            |
|            |                           |          | Holding Times Met:                     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |                  |
|------------|---------------------------|------------------|
| 1618090-09 | <b>COC Number:</b>        | ---              |
|            | <b>Project Number:</b>    | ---              |
| 1618090-09 | <b>Sampling Location:</b> | ---              |
|            | <b>Sampling Point:</b>    | Well #9          |
| 1618090-09 | <b>Sampled By:</b>        | K. Boyce         |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15 |
| 1618090-09 | <b>Sampling Date:</b>     | 07/05/2016 09:28 |
|            | <b>Sample Depth:</b>      | ---              |
| 1618090-09 | <b>Lab Matrix:</b>        | Water            |
|            | <b>Sample Type:</b>       | Water            |
| 1618090-09 | <b>District ID:</b>       | 4TH              |
|            | <b>System Number:</b>     | 1910028          |
| 1618090-09 | <b>Station Number:</b>    | 1910028-009      |
|            | <b>Holding Times Met:</b> |                  |
| 1618090-10 | <b>COC Number:</b>        | ---              |
|            | <b>Project Number:</b>    | ---              |
| 1618090-10 | <b>Sampling Location:</b> | ---              |
|            | <b>Sampling Point:</b>    | Well #10         |
| 1618090-10 | <b>Sampled By:</b>        | K. Boyce         |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15 |
| 1618090-10 | <b>Sampling Date:</b>     | 07/05/2016 12:16 |
|            | <b>Sample Depth:</b>      | ---              |
| 1618090-10 | <b>Lab Matrix:</b>        | Water            |
|            | <b>Sample Type:</b>       | Water            |
| 1618090-10 | <b>District ID:</b>       | 4TH              |
|            | <b>System Number:</b>     | 1910028          |
| 1618090-10 | <b>Station Number:</b>    | 1910028-010      |
|            | <b>Holding Times Met:</b> |                  |
| 1618090-11 | <b>COC Number:</b>        | ---              |
|            | <b>Project Number:</b>    | ---              |
| 1618090-11 | <b>Sampling Location:</b> | ---              |
|            | <b>Sampling Point:</b>    | Well #11         |
| 1618090-11 | <b>Sampled By:</b>        | K. Boyce         |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15 |
| 1618090-11 | <b>Sampling Date:</b>     | 07/05/2016 10:19 |
|            | <b>Sample Depth:</b>      | ---              |
| 1618090-11 | <b>Lab Matrix:</b>        | Water            |
|            | <b>Sample Type:</b>       | Water            |
| 1618090-11 | <b>District ID:</b>       | 4TH              |
|            | <b>System Number:</b>     | 1910028          |
| 1618090-11 | <b>Station Number:</b>    | 1910028-011      |
|            | <b>Holding Times Met:</b> |                  |
| 1618090-12 | <b>COC Number:</b>        | ---              |
|            | <b>Project Number:</b>    | ---              |
| 1618090-12 | <b>Sampling Location:</b> | ---              |
|            | <b>Sampling Point:</b>    | Well #12         |
| 1618090-12 | <b>Sampled By:</b>        | K. Boyce         |
|            | <b>Receive Date:</b>      | 07/05/2016 18:15 |
| 1618090-12 | <b>Sampling Date:</b>     | 07/05/2016 11:51 |
|            | <b>Sample Depth:</b>      | ---              |
| 1618090-12 | <b>Lab Matrix:</b>        | Water            |
|            | <b>Sample Type:</b>       | Water            |
| 1618090-12 | <b>District ID:</b>       | 4TH              |
|            | <b>System Number:</b>     | 1910028          |
| 1618090-12 | <b>Station Number:</b>    | 1910028-012      |
|            | <b>Holding Times Met:</b> |                  |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |          |                       |                  |
|------------|---------------------------|----------|-----------------------|------------------|
| 1618090-13 | <b>COC Number:</b>        | ---      | <b>Receive Date:</b>  | 07/05/2016 18:15 |
|            | <b>Project Number:</b>    | ---      | <b>Sampling Date:</b> | 07/05/2016 11:34 |
|            | <b>Sampling Location:</b> | ---      | <b>Sample Depth:</b>  | ---              |
|            | <b>Sampling Point:</b>    | Well #14 | <b>Lab Matrix:</b>    | Water            |
|            | <b>Sampled By:</b>        | K. Boyce | <b>Sample Type:</b>   | Water            |
|            |                           |          | District ID:          | 4TH              |
|            |                           |          | System Number:        | 1910028          |
|            |                           |          | Station Number:       | 1910028-013      |
|            |                           |          | Holding Times Met:    |                  |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-01 | <b>Client Sample Name:</b> | Glenwood Pump Station (untreated), 7/5/2016 8:37:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|-----------------------------------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                                             | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 9.3        | mg/L                       | 0.10                                                            | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/05/16 22:12 | JSW     | IC8        | 1        | BZG0216     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-02 | <b>Client Sample Name:</b> | Oak Creek Reservoir, 7/5/2016 8:53:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|---------------------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                               | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 5.0        | mg/L                       | 0.10                                              | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/05/16 23:20 | JSW     | IC8        | 1        | BZG0216     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-03 | <b>Client Sample Name:</b> | Encinal Reservoir, 7/5/2016 9:01:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|-------------------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                             | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 3.4        | mg/L                       | 0.10                                            | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/05/16 23:38 | JSW     | IC8        | 1        | BZG0216     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-04 | <b>Client Sample Name:</b> | Well #1, 7/5/2016 9:11:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|---------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                   | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 10         | mg/L                       | 0.10                                  | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/05/16 23:55 | OLH     | IC8        | 1        | BZG0216     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-05 | <b>Client Sample Name:</b> | Well #5, 7/5/2016 9:35:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|---------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                   | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 12         | mg/L                       | 0.10                                  | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 00:12 | OLH     | IC8        | 1        | BZG0216     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-06 | <b>Client Sample Name:</b> | Well #6, 7/5/2016 12:02:00PM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|----------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                    | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 8.6        | mg/L                       | 0.10                                   | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 01:03 | OLH     | IC8        | 1        | BZG0216     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-07 | <b>Client Sample Name:</b> | Well #7, 7/5/2016 9:17:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|---------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                   | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 10         | mg/L                       | 0.10                                  | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 01:20 | OLH     | IC8        | 1        | BZG0216     |

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Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-08 | <b>Client Sample Name:</b> | Well #8, 7/5/2016 11:42:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|----------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                    | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 7.8        | mg/L                       | 0.10                                   | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 01:37 | OLH     | IC8        | 1        | BZG0216     |

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La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-09 | <b>Client Sample Name:</b> | Well #9, 7/5/2016 9:28:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|---------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                   | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 11         | mg/L                       | 0.10                                  | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 01:54 | OLH     | IC8        | 1        | BZG0216     |

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**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-10 | <b>Client Sample Name:</b> | Well #10, 7/5/2016 12:16:00PM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|-----------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                     | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 10         | mg/L                       | 0.10                                    | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 02:11 | OLH     | IC8        | 1        | BZG0216     |

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**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-11 | <b>Client Sample Name:</b> | Well #11, 7/5/2016 10:19:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|-----------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                     | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 9.5        | mg/L                       | 0.10                                    | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 02:28 | OLH     | IC8        | 1        | BZG0217     |

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**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-12 | <b>Client Sample Name:</b> | Well #12, 7/5/2016 11:51:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|-----------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                     | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 11         | mg/L                       | 0.10                                    | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 02:45 | OLH     | IC8        | 1        | BZG0217     |

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Crescenta Valley Water District  
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La Crescenta, CA 91214

**Reported:** 07/07/2016 9:17  
**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

| <b>BCL Sample ID:</b> | 1618090-13 | <b>Client Sample Name:</b> | Well #14, 7/5/2016 11:34:00AM, K. Boyce |       |           |         |           |       |
|-----------------------|------------|----------------------------|-----------------------------------------|-------|-----------|---------|-----------|-------|
| Constituent           | Result     | Units                      | PQL                                     | MDL   | Method    | MB Bias | Lab Quals | Run # |
| Nitrate as N          | 8.9        | mg/L                       | 0.10                                    | 0.022 | EPA-300.0 | ND      |           | 1     |

| Run # | Method    | Prep Date | Run Date/Time  | Analyst | Instrument | Dilution | QC Batch ID |
|-------|-----------|-----------|----------------|---------|------------|----------|-------------|
| 1     | EPA-300.0 | 07/05/16  | 07/06/16 03:02 | OLH     | IC8        | 1        | BZG0217     |

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**Project:** Nitrate  
**Project Number:** [none]  
**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

### Quality Control Report - Method Blank Analysis

| Constituent                 | QC Sample ID | MB Result | Units | PQL  | MDL   | Lab Quals |
|-----------------------------|--------------|-----------|-------|------|-------|-----------|
| <b>QC Batch ID: BZG0216</b> |              |           |       |      |       |           |
| Nitrate as N                | BZG0216-BLK1 | ND        | mg/L  | 0.10 | 0.022 |           |
| <b>QC Batch ID: BZG0217</b> |              |           |       |      |       |           |
| Nitrate as N                | BZG0217-BLK1 | ND        | mg/L  | 0.10 | 0.022 |           |

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|                                                                                  |                                                                                                                                       |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Crescenta Valley Water District<br>2700 Foothill Blvd.<br>La Crescenta, CA 91214 | <b>Reported:</b> 07/07/2016 9:17<br><b>Project:</b> Nitrate<br><b>Project Number:</b> [none]<br><b>Project Manager:</b> Christy Scott |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

| Water Analysis (General Chemistry)                 |              |      |        |             |       |                  |     |                  |     |     |
|----------------------------------------------------|--------------|------|--------|-------------|-------|------------------|-----|------------------|-----|-----|
| Quality Control Report - Laboratory Control Sample |              |      |        |             |       |                  |     |                  |     |     |
| Constituent                                        | QC Sample ID | Type | Result | Spike Level | Units | Percent Recovery | RPD | Control Limits   |     | Lab |
|                                                    |              |      |        |             |       |                  |     | Percent Recovery | RPD |     |
|                                                    |              |      |        |             |       |                  |     |                  |     |     |
| QC Batch ID: BZG0216                               |              |      |        |             |       |                  |     |                  |     |     |
| Nitrate as N                                       | BZG0216-BS1  | LCS  | 5.1220 | 5.0000      | mg/L  | 102              |     | 90 - 110         |     |     |
| QC Batch ID: BZG0217                               |              |      |        |             |       |                  |     |                  |     |     |
| Nitrate as N                                       | BZG0217-BS1  | LCS  | 5.1780 | 5.0000      | mg/L  | 104              |     | 90 - 110         |     |     |



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**Project Manager:** Christy Scott

## Water Analysis (General Chemistry)

### Quality Control Report - Precision & Accuracy

|                      |      |                                                                                          |               |        |             |       |     |                  |     | Control Limits   |           |
|----------------------|------|------------------------------------------------------------------------------------------|---------------|--------|-------------|-------|-----|------------------|-----|------------------|-----------|
| Constituent          | Type | Source Sample ID                                                                         | Source Result | Result | Spike Added | Units | RPD | Percent Recovery | RPD | Percent Recovery | Lab Quals |
| QC Batch ID: BZG0216 |      | Used client sample: Y - Description: Glenwood Pump Station (untreated), 07/05/2016 08:37 |               |        |             |       |     |                  |     |                  |           |
| Nitrate as N         | DUP  | 1618090-01                                                                               | 9.2820        | 9.2870 |             | mg/L  | 0.1 |                  | 10  |                  |           |
|                      | MS   | 1618090-01                                                                               | 9.2820        | 14.357 | 5.0505      | mg/L  |     | 100              |     | 80 - 120         |           |
|                      | MSD  | 1618090-01                                                                               | 9.2820        | 14.359 | 5.0505      | mg/L  | 0.0 | 101              | 10  | 80 - 120         |           |
| QC Batch ID: BZG0217 |      | Used client sample: N                                                                    |               |        |             |       |     |                  |     |                  |           |
| Nitrate as N         | DUP  | 1618065-01                                                                               | ND            | ND     |             | mg/L  |     |                  | 10  |                  |           |
|                      | MS   | 1618065-01                                                                               | ND            | 5.0495 | 5.0505      | mg/L  |     | 100              |     | 80 - 120         |           |
|                      | MSD  | 1618065-01                                                                               | ND            | 5.0980 | 5.0505      | mg/L  | 1.0 | 101              | 10  | 80 - 120         |           |

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### Notes And Definitions

MDL Method Detection Limit  
ND Analyte Not Detected  
PQL Practical Quantitation Limit