DELLAVALLE™
LABORATORY INC

Woodbridge Irrigation District
PO Box 580
Woodbridge, CA 95258

Account# 00-0011203
Account Manager: House
Submitted By: Jennifer

Received: 06/22/2022 10:10
Reported: 07/08/2022 14:33

## Samples in this Report

| Lab ID | Sample | Matrix | Sampled By | Crop | Date Sampled |
|---|---|---|---|---|---|
| 22F1821-01 | Fish Screen | Drinking Water | Brandon Warmerdam | | 06/21/2022 8:00 |
| 22F1821-02 | Raleys | Drinking Water | Brandon Warmerdam | | 06/21/2022 9:00 |
| 22F1821-03 | Harney Lane | Drinking Water | Brandon Warmerdam | | 06/21/2022 9:30 |
| 22F1821-04 | Stockton Turnout (DWTP) | Drinking Water | Brandon Warmerdam | | 06/21/2022 9:50 |

Default Cooler — Temperature on Receipt °C: 16.0
Containers Intact
COC/Labels Agree
Received On Ice

## Notes and Definitions

| Item | Definition |
|---|---|
| H | Hold Time Exceeded |
| MCL | Drinking Water Maximum Contaminant Level |
| ND | Analyte NOT DETECTED at or above the reporting limit. |
| NES | Not Enough Sample |
| * | Not Taken |
| RPD | Relative Percent Difference |
| %REC | Percent Recovery |
| Source | Sample that was matrix spiked or duplicated. |

Scott McFarland

Laboratory Director/Technical Manager

ELAP Certification #1595
A2LA Certification #6440.02

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Woodbridge Irrigation District
PO Box 580
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Account# 00-0011203
Account Manager: House
Submitted By: Jennifer

Received: 06/22/2022 10:10
Reported: 07/08/2022 14:33

## Sample Results

**Sample: Fish Screen**
**22F1821-01 (Water)**

Sampled: 6/21/2022 8:00
Sampled By: Brandon Warmerdam

| Analyte | Result | Units | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method | Notes | Batch |
|---|---|---|---|---|---|---|---|---|---|
| Silver, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:18 | EPA 200.7 | | BDF0817 |
| Aluminum, Total | ND | mg/L | 0.0500 | 1 | 1 | 06/23/22 15:18 | EPA 200.7 | | BDF0817 |
| **Alkalinity as CaCO3** | **22.8** | mg/L | 10.0 | 1 | | 06/24/22 12:56 | SM 2320 B | | BDF1019 |
| Barium, Total | ND | mg/L | 0.100 | 1 | 1 | 06/23/22 15:18 | EPA 200.7 | | BDF0817 |
| Beryllium, Total | ND | mg/L | 0.00100 | 1 | 0.004 | 06/23/22 15:18 | EPA 200.7 | | BDF0817 |
| **Calcium, Total** | **4.9** | mg/L | 0.1 | 1 | | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| **Chloride** | **2.5** | mg/L | 0.2 | 1 | 250 | 06/22/22 14:54 | EPA 300.0 | | BDF0892 |
| Carbonate as CaCO3 | ND | mg/L | 1 | 1 | | 06/24/22 12:56 | SM 2320 B | | BDF1019 |
| **Color** | **2.50** | APHA | 2.50 | 1 | 15 | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| Chromium, Total | ND | mg/L | 0.0100 | 1 | 0.05 | 06/23/22 15:18 | EPA 200.7 | | BDF0817 |
| Copper, Total | ND | mg/L | 0.05 | 1 | 1 | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| **Electrical Conductivity** | **0.05** | mmhos/cm | 0.01 | 1 | | 06/24/22 12:56 | SM 2510 B | | BDF1019 |
| **Electrical Conductivity umhos** | **50.5** | umhos/cm | 10.0 | 1 | | 06/24/22 12:56 | SM 2510 B | | BDF1019 |
| Fluoride | ND | mg/L | 0.100 | 1 | 2 | 06/22/22 14:54 | EPA 300.0 | | BDF0892 |
| **Iron, Total** | **0.17** | mg/L | 0.10 | 1 | | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| **Bicarbonate as CaCO3** | **22.8** | mg/L | 5.00 | 1 | | 06/24/22 12:56 | SM 2320 B | | BDF1019 |
| **Potassium Total** | **1.05** | mg/L | 0.500 | 1 | | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| **Langlier Index** | **-2.5** | none | -100 | 1 | | 06/29/22 16:25 | Calc | | BDF1175 |
| **Magnesium Total** | **1.4** | mg/L | 0.1 | 1 | | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| Manganese, Total | ND | mg/L | 0.02 | 1 | | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| **Sodium, Total** | **3** | mg/L | 1 | 1 | | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| Nickel, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:18 | EPA 200.7 | | BDF0817 |
| Nitrite Nitrogen as NO2N | ND | mg/L | 0.4 | 1 | 1 | 06/22/22 14:54 | EPA 300.0 | | BDF0892 |
| Nitrate Nitrogen as NO3N | ND | mg/L | 0.1 | 1 | 10 | 06/22/22 14:54 | EPA 300.0 | | BDF0892 |
| Odor | ND | TON | 1.00 | 1 | 3 | 06/22/22 17:00 | SM 2150 B | | BDF0927 |
| Hydroxide as CaCO3 | ND | mg/L | 1.00 | 1 | | 06/24/22 12:56 | SM 2320 B | | BDF1019 |
| **pH** | **7.3** | units | 1.0 | 1 | | 06/24/22 12:56 | SM 4500-H+ | H | BDF1019 |
| **pH** | **7.0** | units | 1.0 | 1 | | 06/22/22 17:18 | SM 4500-H+ | H | BDF0926 |
| **Sulfate (SO4)** | **2.1** | mg/L | 0.5 | 1 | 250 | 06/22/22 14:54 | EPA 300.0 | | BDF0892 |
| **Total Filterable Solids (TDS)** | **33.6** | mg/L | 10.0 | 1 | | 06/29/22 14:55 | SM 2540 C | | BDF0936 |
| **Temperature** | **20.8** | °C | | 1 | | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| **Temperature** | **25.0** | °C | 0.0 | 1 | | 06/24/22 12:56 | SM 2320 B | | BDF1019 |
| **Turbidity** | **2.3** | NTU | 0.1 | 1 | 5 | 06/22/22 18:08 | SM 2130 B | | BDF0924 |
| Zinc, Total | ND | mg/L | 0.05 | 1 | 5 | 06/23/22 16:27 | EPA 200.7 | | BDF0815 |
| **Hardness, Total** | **18.3** | mg/L | 0.662 | 1 | | 06/23/22 16:27 | Calc | | [CALC] |

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# Certificate of Analysis

Woodbridge Irrigation District #11203/50
Requested: Jennifer

**Sample ID:** AFF2861-01
**Sampled By:** Brandon Warmerdam
**Sample Description:** 22F1821-01 // Fish Screen

**Sample Date - Time:** 06/21/2022 - 08:00
**Matrix:** Drinking Water
**Sample Type:** Grab

## *BSK Associates Laboratory Fresno*

### General Chemistry

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| MBAS, Calculated as LAS, mol wt 340 | SM 5540C | ND | 0.050 | mg/L | 1 | AFF1464 | 06/22/22 19:17 | 06/22/22 | |

### Metals

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Arsenic | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Cadmium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Lead | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Mercury | EPA 200.8 | ND | 0.20 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Selenium | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Thallium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |

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Woodbridge Irrigation District
PO Box 580
Woodbridge, CA 95258

Account# 00-0011203
Account Manager: House
Submitted By: Jennifer

Received: 06/22/2022 10:10
Reported: 07/08/2022 14:33

## Sample Results
**(Continued)**

**Sample: Raleys**
**22F1821-02 (Water)**

Sampled: 6/21/2022 9:00
Sampled By: Brandon Warmerdam

| Analyte | Result | Units | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method | Notes | Batch |
|---|---|---|---|---|---|---|---|---|---|
| Silver, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| Aluminum, Total | ND | mg/L | 0.0500 | 1 | 1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| **Alkalinity as CaCO3** | **21.1** | mg/L | 10.0 | 1 | | 06/24/22 12:59 | SM 2320 B | | BDF1019 |
| Barium, Total | ND | mg/L | 0.100 | 1 | 1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| Beryllium, Total | ND | mg/L | 0.00100 | 1 | 0.004 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| **Calcium, Total** | **4.8** | mg/L | 0.1 | 1 | | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| **Chloride** | **2.4** | mg/L | 0.2 | 1 | 250 | 06/22/22 15:14 | EPA 300.0 | | BDF0892 |
| Carbonate as CaCO3 | ND | mg/L | 1 | 1 | | 06/24/22 12:59 | SM 2320 B | | BDF1019 |
| **Color** | **2.50** | APHA | 2.50 | 1 | 15 | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| Chromium, Total | ND | mg/L | 0.0100 | 1 | 0.05 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| Copper, Total | ND | mg/L | 0.05 | 1 | 1 | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| **Electrical Conductivity** | **0.05** | mmhos/cm | 0.01 | 1 | | 06/24/22 12:59 | SM 2510 B | | BDF1019 |
| **Electrical Conductivity umhos** | **50.0** | umhos/cm | 10.0 | 1 | | 06/24/22 12:59 | SM 2510 B | | BDF1019 |
| Fluoride | ND | mg/L | 0.100 | 1 | 2 | 06/22/22 15:14 | EPA 300.0 | | BDF0892 |
| **Iron, Total** | **0.19** | mg/L | 0.10 | 1 | | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| **Bicarbonate as CaCO3** | **21.1** | mg/L | 5.00 | 1 | | 06/24/22 12:59 | SM 2320 B | | BDF1019 |
| **Potassium Total** | **0.990** | mg/L | 0.500 | 1 | | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| **Langlier Index** | **-2.4** | none | -100 | 1 | | 06/29/22 16:25 | Calc | | BDF1175 |
| **Magnesium Total** | **1.4** | mg/L | 0.1 | 1 | | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| Manganese, Total | ND | mg/L | 0.02 | 1 | | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| **Sodium, Total** | **3** | mg/L | 1 | 1 | | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| Nickel, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| Nitrite Nitrogen as NO2N | ND | mg/L | 0.4 | 1 | 1 | 06/22/22 15:14 | EPA 300.0 | | BDF0892 |
| Nitrate Nitrogen as NO3N | ND | mg/L | 0.1 | 1 | 10 | 06/22/22 15:14 | EPA 300.0 | | BDF0892 |
| Odor | ND | TON | 1.00 | 1 | 3 | 06/22/22 17:00 | SM 2150 B | | BDF0927 |
| Hydroxide as CaCO3 | ND | mg/L | 1.00 | 1 | | 06/24/22 12:59 | SM 2320 B | | BDF1019 |
| **pH** | **7.3** | units | 1.0 | 1 | | 06/24/22 12:59 | SM 4500-H+ | H | BDF1019 |
| **pH** | **7.2** | units | 1.0 | 1 | | 06/22/22 17:18 | SM 4500-H+ | H | BDF0926 |
| **Sulfate (SO4)** | **2.0** | mg/L | 0.5 | 1 | 250 | 06/22/22 15:14 | EPA 300.0 | | BDF0892 |
| **Total Filterable Solids (TDS)** | **32.7** | mg/L | 10.0 | 1 | | 06/29/22 14:55 | SM 2540 C | | BDF0936 |
| **Temperature** | **19.6** | °C | | 1 | | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| **Temperature** | **25.0** | °C | 0.0 | 1 | | 06/24/22 12:59 | SM 2320 B | | BDF1019 |
| **Turbidity** | **2.9** | NTU | 0.1 | 1 | 5 | 06/22/22 18:08 | SM 2130 B | | BDF0924 |
| Zinc, Total | ND | mg/L | 0.05 | 1 | 5 | 06/23/22 16:29 | EPA 200.7 | | BDF0815 |
| **Hardness, Total** | **17.9** | mg/L | 0.662 | 1 | | 06/23/22 16:29 | Calc | | [CALC] |

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# Certificate of Analysis

Woodbridge Irrigation District #11203/50
Requested: Jennifer

**Sample ID:** AFF2861-02
**Sampled By:** Brandon Warmerdam
**Sample Description:** 22F1821-02 // Raleys

**Sample Date - Time:** 06/21/2022 - 09:00
**Matrix:** Drinking Water
**Sample Type:** Grab

## *BSK Associates Laboratory Fresno*

### General Chemistry

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| MBAS, Calculated as LAS, mol wt 340 | SM 5540C | ND | 0.050 | mg/L | 1 | AFF1464 | 06/22/22 19:17 | 06/22/22 | |

### Metals

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Arsenic | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Cadmium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Lead | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Mercury | EPA 200.8 | ND | 0.20 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Selenium | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Thallium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |

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LABORATORY INC

Woodbridge Irrigation District
PO Box 580
Woodbridge, CA 95258

Account# 00-0011203
Account Manager: House
Submitted By: Jennifer

Received: 06/22/2022 10:10
Reported: 07/08/2022 14:33

## Sample Results
**(Continued)**

**Sample: Harney Lane**
**22F1821-03 (Water)**

Sampled: 6/21/2022 9:30
Sampled By: Brandon Warmerdam

| Analyte | Result | Units | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method | Notes | Batch |
|---|---|---|---|---|---|---|---|---|---|
| Silver, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| **Aluminum, Total** | **0.148** | mg/L | 0.0500 | 1 | 1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| **Alkalinity as CaCO3** | **22.2** | mg/L | 10.0 | 1 | | 06/24/22 13:01 | SM 2320 B | | BDF1019 |
| Barium, Total | ND | mg/L | 0.100 | 1 | 1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| Beryllium, Total | ND | mg/L | 0.00100 | 1 | 0.004 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| **Calcium, Total** | **4.8** | mg/L | 0.1 | 1 | | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| **Chloride** | **2.4** | mg/L | 0.2 | 1 | 250 | 06/22/22 15:34 | EPA 300.0 | | BDF0892 |
| Carbonate as CaCO3 | ND | mg/L | 1 | 1 | | 06/24/22 13:01 | SM 2320 B | | BDF1019 |
| **Color** | **2.50** | APHA | 2.50 | 1 | 15 | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| Chromium, Total | ND | mg/L | 0.0100 | 1 | 0.05 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| Copper, Total | ND | mg/L | 0.05 | 1 | 1 | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| **Electrical Conductivity** | **0.05** | mmhos/cm | 0.01 | 1 | | 06/24/22 13:01 | SM 2510 B | | BDF1019 |
| **Electrical Conductivity umhos** | **49.5** | umhos/cm | 10.0 | 1 | | 06/24/22 13:01 | SM 2510 B | | BDF1019 |
| Fluoride | ND | mg/L | 0.100 | 1 | 2 | 06/22/22 15:34 | EPA 300.0 | | BDF0892 |
| **Iron, Total** | **0.29** | mg/L | 0.10 | 1 | | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| **Bicarbonate as CaCO3** | **22.2** | mg/L | 5.00 | 1 | | 06/24/22 13:01 | SM 2320 B | | BDF1019 |
| **Potassium Total** | **0.910** | mg/L | 0.500 | 1 | | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| **Langlier Index** | **-2.3** | none | -100 | 1 | | 06/29/22 16:25 | Calc | | BDF1175 |
| **Magnesium Total** | **1.4** | mg/L | 0.1 | 1 | | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| Manganese, Total | ND | mg/L | 0.02 | 1 | | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| **Sodium, Total** | **3** | mg/L | 1 | 1 | | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| Nickel, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:19 | EPA 200.7 | | BDF0817 |
| Nitrite Nitrogen as NO2N | ND | mg/L | 0.4 | 1 | 1 | 06/22/22 15:34 | EPA 300.0 | | BDF0892 |
| Nitrate Nitrogen as NO3N | ND | mg/L | 0.1 | 1 | 10 | 06/22/22 15:34 | EPA 300.0 | | BDF0892 |
| Odor | ND | TON | 1.00 | 1 | 3 | 06/22/22 17:00 | SM 2150 B | | BDF0927 |
| Hydroxide as CaCO3 | ND | mg/L | 1.00 | 1 | | 06/24/22 13:01 | SM 2320 B | | BDF1019 |
| **pH** | **7.4** | units | 1.0 | 1 | | 06/24/22 13:01 | SM 4500-H+ | H | BDF1019 |
| **pH** | **7.2** | units | 1.0 | 1 | | 06/22/22 17:18 | SM 4500-H+ | H | BDF0926 |
| **Sulfate (SO4)** | **2.1** | mg/L | 0.5 | 1 | 250 | 06/22/22 15:34 | EPA 300.0 | | BDF0892 |
| **Total Filterable Solids (TDS)** | **34.5** | mg/L | 10.0 | 1 | | 06/29/22 14:55 | SM 2540 C | | BDF0936 |
| **Temperature** | **20.1** | °C | | 1 | | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| **Temperature** | **25.0** | °C | 0.0 | 1 | | 06/24/22 13:01 | SM 2320 B | | BDF1019 |
| **Turbidity** | **5.2** | NTU | 0.1 | 1 | 5 | 06/22/22 18:08 | SM 2130 B | | BDF0924 |
| Zinc, Total | ND | mg/L | 0.05 | 1 | 5 | 06/23/22 16:30 | EPA 200.7 | | BDF0815 |
| **Hardness, Total** | **17.9** | mg/L | 0.662 | 1 | | 06/23/22 16:30 | Calc | | [CALC] |

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BSK ASSOCIATES

# AFF2861

***General Non-EDT***

22F1821

Woodbridge Irrigation District #11203/50
Requested: Jennifer

## Certificate of Analysis

**Sample ID:** AFF2861-03
**Sampled By:** Brandon Warmerdam
**Sample Description:** 22F1821-03 // Harney Lane

**Sample Date - Time:** 06/21/2022 - 09:30
**Matrix:** Drinking Water
**Sample Type:** Grab

***BSK Associates Laboratory Fresno***

### General Chemistry

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| MBAS, Calculated as LAS, mol wt 340 | SM 5540C | ND | 0.050 | mg/L | 1 | AFF1464 | 06/22/22 19:17 | 06/22/22 | |

### Metals

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Arsenic | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Cadmium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Lead | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Mercury | EPA 200.8 | ND | 0.20 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Selenium | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Thallium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |

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PO Box 580
Woodbridge, CA 95258

Account# 00-0011203
Account Manager: House
Submitted By: Jennifer

Received: 06/22/2022 10:10
Reported: 07/08/2022 14:33

## Sample Results
**(Continued)**

**Sample: Stockton Turnout (DWTP)**
**22F1821-04 (Water)**

Sampled: 6/21/2022 9:50
Sampled By: Brandon Warmerdam

| Analyte | Result | Units | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method | Notes | Batch |
|---|---|---|---|---|---|---|---|---|---|
| Silver, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:45 | EPA 200.7 | | BDF0817 |
| **Aluminum, Total** | **0.0616** | mg/L | 0.0500 | 1 | 1 | 06/23/22 15:45 | EPA 200.7 | | BDF0817 |
| **Alkalinity as CaCO3** | **25.5** | mg/L | 10.0 | 1 | | 06/24/22 13:04 | SM 2320 B | | BDF1019 |
| Barium, Total | ND | mg/L | 0.100 | 1 | 1 | 06/23/22 15:45 | EPA 200.7 | | BDF0817 |
| Beryllium, Total | ND | mg/L | 0.00100 | 1 | 0.00 4 | 06/23/22 15:45 | EPA 200.7 | | BDF0817 |
| **Calcium, Total** | **4.8** | mg/L | 0.1 | 1 | | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| **Chloride** | **2.4** | mg/L | 0.2 | 1 | 250 | 06/22/22 15:54 | EPA 300.0 | | BDF0892 |
| Carbonate as CaCO3 | ND | mg/L | 1 | 1 | | 06/24/22 13:04 | SM 2320 B | | BDF1019 |
| **Color** | **5.00** | APHA | 2.50 | 1 | 15 | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| Chromium, Total | ND | mg/L | 0.0100 | 1 | 0.05 | 06/23/22 15:45 | EPA 200.7 | | BDF0817 |
| Copper, Total | ND | mg/L | 0.05 | 1 | 1 | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| **Electrical Conductivity** | **0.05** | mmhos/cm | 0.01 | 1 | | 06/24/22 13:04 | SM 2510 B | | BDF1019 |
| **Electrical Conductivity umhos** | **50.3** | umhos/cm | 10.0 | 1 | | 06/24/22 13:04 | SM 2510 B | | BDF1019 |
| Fluoride | ND | mg/L | 0.100 | 1 | 2 | 06/22/22 15:54 | EPA 300.0 | | BDF0892 |
| **Iron, Total** | **0.17** | mg/L | 0.10 | 1 | | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| **Bicarbonate as CaCO3** | **25.5** | mg/L | 5.00 | 1 | | 06/24/22 13:04 | SM 2320 B | | BDF1019 |
| **Potassium Total** | **0.919** | mg/L | 0.500 | 1 | | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| **Langlier Index** | **-2.2** | none | -100 | 1 | | 06/29/22 16:25 | Calc | | BDF1175 |
| **Magnesium Total** | **1.4** | mg/L | 0.1 | 1 | | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| Manganese, Total | ND | mg/L | 0.02 | 1 | | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| **Sodium, Total** | **3** | mg/L | 1 | 1 | | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| Nickel, Total | ND | mg/L | 0.0100 | 1 | 0.1 | 06/23/22 15:45 | EPA 200.7 | | BDF0817 |
| Nitrite Nitrogen as NO2N | ND | mg/L | 0.4 | 1 | 1 | 06/22/22 15:54 | EPA 300.0 | | BDF0892 |
| Nitrate Nitrogen as NO3N | ND | mg/L | 0.1 | 1 | 10 | 06/22/22 15:54 | EPA 300.0 | | BDF0892 |
| Odor | ND | TON | 1.00 | 1 | 3 | 06/22/22 17:00 | SM 2150 B | | BDF0927 |
| Hydroxide as CaCO3 | ND | mg/L | 1.00 | 1 | | 06/24/22 13:04 | SM 2320 B | | BDF1019 |
| **pH** | **7.4** | units | 1.0 | 1 | | 06/24/22 13:04 | SM 4500-H+ | H | BDF1019 |
| **pH** | **7.3** | units | 1.0 | 1 | | 06/22/22 17:18 | SM 4500-H+ | H | BDF0926 |
| **Sulfate (SO4)** | **2.1** | mg/L | 0.5 | 1 | 250 | 06/22/22 15:54 | EPA 300.0 | | BDF0892 |
| **Total Filterable Solids (TDS)** | **37.3** | mg/L | 10.0 | 1 | | 06/29/22 14:55 | SM 2540 C | | BDF0936 |
| **Temperature** | **19.9** | °C | | 1 | | 06/22/22 17:18 | SM 2120 B | | BDF0926 |
| **Temperature** | **25.0** | °C | 0.0 | 1 | | 06/24/22 13:04 | SM 2320 B | | BDF1019 |
| **Turbidity** | **2.5** | NTU | 0.1 | 1 | 5 | 06/22/22 18:08 | SM 2130 B | | BDF0924 |
| Zinc, Total | ND | mg/L | 0.05 | 1 | 5 | 06/23/22 16:31 | EPA 200.7 | | BDF0815 |
| **Hardness, Total** | **18.0** | mg/L | 0.662 | 1 | | 06/23/22 16:31 | Calc | | [CALC] |

*The results in this report apply to the samples as received and were analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. Dellavalle Laboratory, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.*

BSK ASSOCIATES

# AFF2861

***General Non-EDT***

22F1821

## Certificate of Analysis

Woodbridge Irrigation District #11203/50
Requested: Jennifer

**Sample ID:** AFF2861-04
**Sampled By:** Brandon Warmerdam
**Sample Description:** 22F1821-04 // Stockton Turnout (DWTP)

**Sample Date - Time:** 06/21/2022 - 09:50
**Matrix:** Drinking Water
**Sample Type:** Grab

### *BSK Associates Laboratory Fresno*

### General Chemistry

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| MBAS, Calculated as LAS, mol wt 340 | SM 5540C | ND | 0.050 | mg/L | 1 | AFF1464 | 06/22/22 19:17 | 06/22/22 | |

### Metals

| Analyte | Method | Result | RL | Units | RL Mult | Batch | Prepared | Analyzed | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Arsenic | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Cadmium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Lead | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Mercury | EPA 200.8 | ND | 0.20 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Selenium | EPA 200.8 | ND | 2.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |
| Thallium | EPA 200.8 | ND | 1.0 | ug/L | 1 | AFF1634 | 06/28/22 | 07/05/22 | |

*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.*

DELLAVALLE™
LABORATORY INC

# Report of General Mineral Water Analysis


Woodbridge Irrigation District
PO Box 580
Woodbridge CA 95258
00-0011203 50

**E-mail:** widirrigation@gmail.com
**Copy To:**


**Lab No.:** 22F1821
**Sampled By:** Brandon Warmerdam
**Requested By:** Jennifer
**Submitted Date:** 06/22/22
**Reported Date:** 07/08/22
**Project:**

| | | Date Sampled | Time Sampled | pH at 25°C unit | EC µmhos/cm | L.I. Calc | Alkalinity to pH 4.5 as $CaCO_3$ mg/L | OH as $CaCO_3$ mg/L | $CO_3$ as $CaCO_3$ mg/L | $HCO_3$ as $CaCO_3$ mg/L | Cl mg/L | $SO_4$ mg/L | Ca mg/L | Mg mg/L | Na mg/L | Fe mg/L | Mn mg/L | Zn mg/L | Cu mg/L | Total Hardness as $CaCO_3$ mg/L | TDS mg/L | *MBAS Send Out |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MCL---> | | | | | 900-2200 | | | | | | 250 | 250 | | | | 0.30 | 0.05 | 5.0 | 1.0 | | 500 | |
| 1 | Fish Screen | 6/21/22 | 8:00 | 7.3 | 51 | -2.5 | 22.8 | ND | ND | 22.8 | 2.5 | 2.1 | 4.9 | 1.4 | 3.0 | 0.17 | ND | ND | ND | 18.3 | 33.6 | * |
| 2 | Raleys | 6/21/22 | 9:00 | 7.3 | 50 | -2.4 | 21.1 | ND | ND | 21.1 | 2.4 | 2.0 | 4.8 | 1.4 | 3.0 | 0.19 | ND | ND | ND | 17.9 | 32.7 | * |
| 3 | Harney Lane | 6/21/22 | 9:30 | 7.4 | 50 | -2.3 | 22.2 | ND | ND | 22.2 | 2.4 | 2.1 | 4.8 | 1.4 | 3.0 | 0.29 | ND | ND | ND | 17.9 | 34.5 | * |
| 4 | Stockton Turnout (DWTP) | 6/21/22 | 9:50 | 7.4 | 50 | -2.2 | 25.5 | ND | ND | 25.5 | 2.4 | 2.1 | 4.8 | 1.4 | 3.0 | 0.17 | ND | ND | ND | 18.0 | 37.3 | * |

*See external laboratory documentation
ND = None Detected
MCL = Maximum Contaminant Level according to the California Domestic Water Quality and Monitoring Regulations (Title 22)

Approved By: Scott M Friedland
Laboratory Director\Technical Manager
ELAP Certification #1595
A2LA Certification #6440.02

DELLAVALLE™
LABORATORY INC

# Report of Inorganic Water Analysis

Woodbridge Irrigation District
PO Box 580
Woodbridge CA 95258
00-0011203 50

**E-mail:** widirrigation@gmail.com
**Copy To:**

**Lab No.:** 22F1821
**Sampled By:** Brandon Warmerdam
**Requested By:** Jennifer
**Submitted Date:** 06/22/22
**Reported Date:** 07/08/22
**Project:**

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MCL---> | | | 2.0 | 10.0 | 1.00 | 1.0 | 1.0 | 0.004 | 0.05 | 0.10 | 0.10 | 0.005 | 10.0 | 15.0 | 50.0 | 6.00 | 2.00 | 2.00 | 150 |
| | | Date | Time | Fluoride **F** | Nitrate-N **$NO_3$-N** | Nitrite-N **$NO_2$-N** | Aluminum **Al** | Barium **Ba** | Beryllium **Be** | Chromium **Cr** | Nickel **Ni** | Silver **Ag** | Cadmium ***Cd** | Arsenic ***As** | Lead ***Pb** | Selenium ***Se** | Antimony ***Sb** | Thallium ***Tl** | Mercury ***Hg** | Cyanide ***CN** |
| | | Sampled | Sampled | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | Sendout | Sendout | Sendout | Sendout | Sendout | Sendout | Sendout | Sendout |
| 1 | Fish Screen | 6/21/22 | 8:00 | ND | ND | ND | ND | ND | ND | ND | ND | ND | * | * | * | * | * | * | * | |
| 2 | Raleys | 6/21/22 | 9:00 | ND | ND | ND | ND | ND | ND | ND | ND | ND | * | * | * | * | * | * | * | |
| 3 | Harney Lane | 6/21/22 | 9:30 | ND | ND | ND | 0.148 | ND | ND | ND | ND | ND | * | * | * | * | * | * | * | |
| 4 | Stockton Turnout (DWTP) | 6/21/22 | 9:50 | ND | ND | ND | 0.062 | ND | ND | ND | ND | ND | * | * | * | * | * | * | * | |

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LABORATORY INC

# Report of General Physical Analysis

Woodbridge Irrigation District
PO Box 580
Woodbridge CA 95258
00-0011203 50

**E-mail:** widirrigation@gmail.com
**Copy To:**

**Lab No.:** 22F1821
**Sampled By:** Brandon Warmerdam
**Requested By:** Jennifer
**Submitted Date:** 06/22/22
**Reported Date:** 07/08/22
**Project:**

| | | MCL---> | | 15.0 | | | 5.0 | 3.0 |
|---|---|---|---|---|---|---|---|---|
| | | | | | Color determined at: | pH determined at: | | |
| | | Date Sampled | Time Sampled | Color APHA | pH unit | Temperature °C | Turbidity NTU | Odor TON |
| 1 | Fish Screen | 6/21/22 | 8:00 | 2.5 | 7.0 | 20.8 | 2.3 | ND |
| 2 | Raleys | 6/21/22 | 9:00 | 2.5 | 7.2 | 19.6 | 2.9 | ND |
| 3 | Harney Lane | 6/21/22 | 9:30 | 2.5 | 7.2 | 20.1 | 5.2 | ND |
| 4 | Stockton Turnout (DWTP) | 6/21/22 | 9:50 | 5.0 | 7.3 | 19.9 | 2.5 | ND |