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|------------------------------|-----------------------------------|--------------|------------|
| <b>System Name:</b>          | SCV Water-Valencia Water Division | <b>No.:</b>  | 1910240    |
| <b>Source of Information</b> | SCV Water Records                 |              |            |
| <b>Collected By:</b>         | Jenny Anderson                    | <b>Date:</b> | 11/23/2022 |

|  |  |
|--|--|
| <b>Location:</b>                           | Well 201 – 24050 Valencia Blvd, Valencia   |
| Purpose: (DBCP, etc.)                      | Treatment Facility (201-TF)  |
| Year Operation Began:                      | 2023   |
| Operation Plan/Schematic On File?          | Yes  |
| <b>FLOW</b>                                |  |
| Design:                                    | 2,000 gpm  |
| Hours of Operation:                        | Constant   |
| Flow Meter(s)/Location(s)                  | Well 201 (flow volume) and one effluent meter after the vessels  |
| <b>ION EXCHANGE SYSTEM</b>                 |  |
| Number of Vessels:                         | 2  |
| Mode Of Operation:                         | 1 Lead/Lag configuration treatment train   |
| Type of Resin:                             | Dow PSR-2 Plus (from Evoqua) or equivalent   |
| Vessel Capacity - Resin Fill:              | 353 cf of IX Resin & 179 cf of anthracite  |
| Cross Section Bed Area (ft <sup>2</sup> ): | 113 ft <sup>2</sup>  |
| Bed Depth (ft):                            | 4.7 feet (resin + anthracite); 3.1 feet (resin)  |
| Empty Bed Contact Time (min.):             | 2 min  |
| Design Pressure (@ Temp.):                 | 125 psi  |
| Flow Rate/Equalization Control:            | At wells   |
| <b>FILTER MONITORING</b>                   |  |
| Frequency:                                 | Weekly/Monthly   |
| Number Sampling Taps:                      | One after the well head, one after GAC vessel #1, one after GAC #2, one after the lead effluent, one after the lag effluent, and one after chloramination: Total-6 |
| Type of Monitoring:                        | Perchlorate, TC/HPC, competing anions (all specified in monitoring plan)   |
| <b>BACKWASH</b>                            |  |
| Rate:                                      | N/A  |
| Source:                                    |  |
| Drain to:                                  |  |
| <b>RESIN REPLACEMENT</b>                   |  |
| Determined By:                             | Perchlorate monitoring   |
| Time Required to Replace:                  | Within two weeks   |
| <b>DISINFECTANT</b>                        |  |
| Type:                                      | Chloramination   |
| Source:                                    | V201 Treatment Facility  |
| Dose:                                      | ~3.0 mg/L  |
| Reliability Features:                      | SCADA, chlorine analyzer, backup pumps   |
| <b>WATER</b>                               |  |
| Received From:                             | Well 201   |
| Delivered to:                              | VWD Zone IIAN  |
| Defects/Remarks:                           |  |