

Attachment L  
Ventura Water Reclamation Facility  
Non-priority Pollutants Effluent RPA  
(CA0053651, CI-1822)

| CONSTITUENT                                  | Units | Number of Samples | Maximum Observed Effluent Concentration* | CV       | Multiplier | Projected Maximum Effluent Concentration (99/99) | Dilution Ratio | Background Concentration | Projected Maximum Receiving Water Result | Water Quality Objectives | BU - Beneficial use protection<br>NC-Human noncarcinogen<br>AP-Aquatic life protection | REASONABLE POTENTIAL |
|----------------------------------------------|-------|-------------------|------------------------------------------|----------|------------|--------------------------------------------------|----------------|--------------------------|------------------------------------------|--------------------------|----------------------------------------------------------------------------------------|----------------------|
| Ammonia Nitrogen                             | mg/L  | 47                | 3.600                                    | 0.577753 | 1.72       | 6.18                                             | 0              |                          | 6.18                                     | 0.045                    | AP                                                                                     | YES                  |
| Nitrate + Nitrite as Nitrogen                | mg/L  | 47                | 18.8                                     | 0.164874 | 1.18       | 22.17                                            | 0              |                          | 22.17                                    | 10                       | BU                                                                                     | YES                  |
| Nitrite Nitrogen                             | mg/L  | 47                | 0.215                                    | 0.010922 | 1.01       | 0.22                                             | 0              |                          | 0.22                                     | 1                        | BU                                                                                     | NO                   |
| Nitrate Nitrogen                             | mg/L  | 47                | 18.6                                     | 0.167173 | 1.18       | 21.98                                            | 0              |                          | 21.98                                    | 10                       | BU                                                                                     | YES                  |
| MBAS                                         | mg/L  | 46                | 0.85                                     | 0.962725 | 2.28       | 1.94                                             | 0              |                          | 1.94                                     | 0.5                      | BU                                                                                     | YES                  |
| Oil and Grease                               | mg/L  | 47                | 2                                        | 0.534381 | 1.66       | 3.31                                             | 0              |                          | 3.31                                     | 10                       | BU                                                                                     | NO                   |
| Acute Toxicity (Single Test)                 | TUa   | 4                 | 100                                      | 0        | 1.00       | 100.00                                           | 0              |                          | 100.00                                   | 100                      | AP                                                                                     | NO                   |
| Chronic Toxicity (Ceriodaphnia Survival)     | TUc   | 10                | 1                                        | 0        | 1.00       | 1.00                                             | 0              |                          | 1.00                                     | 1                        | AP                                                                                     | NO                   |
| Chronic Toxicity (Ceriodaphnia Reproduction) | TUc   | 10                | 1.1                                      | 0.231529 | 1.58       | 1.73                                             | 0              |                          | 1.73                                     | 1                        | AP                                                                                     | YES                  |
| Chronic Toxicity (Fathead Survival)          | TUc   | 9                 | 1                                        | 0        | 1.00       | 1.00                                             | 0              |                          | 1.00                                     | 1                        | AP                                                                                     | NO                   |
| Chronic Toxicity (Fathead Growth)            | TUc   | 9                 | 1                                        | 0        | 1.00       | 1.00                                             | 0              |                          | 1.00                                     | 1                        | AP                                                                                     | NO                   |
| Chronic Toxicity (Selenastrum Growth)        | TUc   | 47                | 5.56                                     | 0.571014 | 1.71       | 9.49                                             | 0              |                          | 9.49                                     | 1                        | AP                                                                                     | YES                  |

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