



**SAN MATEO COUNTY PUBLIC HEALTH LABORATORY  
TEST INFORMATION**

**Section: Environmental**

**Test Name: Nitrate and Nitrite**

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| <b>Test Includes:</b> Nitrate and nitrite by ion chromatography method                      |  |
| <b><i>Reporting</i></b>   |  |
| <b>Results Available:</b> Monday through Friday   | <b>Contact Number:</b> 650-573-2500  |
| <b><i>Reference</i></b>   |  |
| <b>Method:</b> Dionex Ion Chromatography  |  |
| <b>Turnaround Time:</b> 3 days  | <b>Reference Range:</b> For Drinking Water:<br>Nitrate <45 ppm (mg/L)<br>Nitrite <3.3 ppm (mg/L) |
| <b>Limitations:</b>   | <b>Interpretation:</b>   |
| <b><i>Specimen Requirements</i></b>   |  |
| <b>Specimen Collection:</b> Allow water to flow for a few minutes before collecting sample. | <b>Sample Type:</b> Drinking water, source water or any surface water sample                     |
| <b>Volume/Amount Required:</b> 100 ml   | <b>Preferred Specimen:</b>   |
| <b>Collection/Preservation:</b> Refrigerate 4-8° C after collection.                        | <b>Storage Instructions:</b> Refrigerate 4-8° C  |
| <b>Causes for Rejection:</b> Sample more than 2 days old or unrefrigerated.                 | <b>Sample Container:</b> Approved 120 ml container   |
| <b>Sample Test Kit:</b> Container provided by lab   | <b>Availability:</b> Monday through Friday   |
| <b>Test Information:</b> Detection limit: 0.1 ppm   |  |
| <b><i>Specimen Submission</i></b>   |  |
| <b>Request Form:</b> Environmental Test Request   | <b>Specimen Handling:</b> Keep sample container cool and dry                                     |
| <b>Transport Temperature:</b> Refrigerate 4-8° C  | <b>Shipping Requirements:</b> Deliver to laboratory  |
| <b><i>Billing</i></b>   |  |
| <b>Effective Date:</b> March 23, 2012   | <b>Fees:</b> \$35.00 each or \$55.00 for both ordered together                                   |