

Nitrate + Nitrite as N

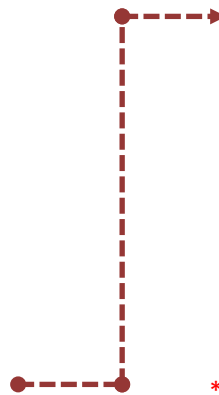
State Environmental Laboratory Services Oklahoma Department of Environmental Quality



Sampling Guide for the Collection of EPA 353.2 Nitrate + Nitrite as Nitrogen

PRIOR TO COLLECTION

- Plan enough time to complete sampling; samples must be returned within **48 hours** of collection
- Ensure the Sample Kit has the following items per collection site:
 - Chain of Custody form
 - one 125ml plastic bottle per sampling point
 - Return shipping container



SAMPLE REJECTION

Samples will be rejected (not analyzed) if any of the criteria below is met:

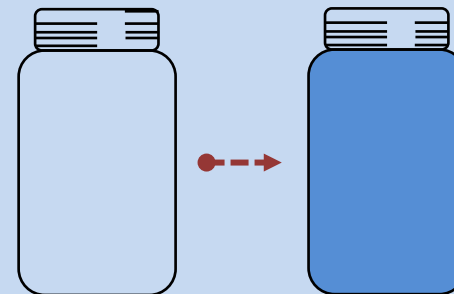
- forms are incomplete, illegible, or missing
- bottle is not labeled to match sampling point
- sample is frozen
- sample is not received within holding time of **48 hours**
- sample is not received in the DEQ provided plastic bottle
- damaged beyond usability

NOTE If the sample is not received at the temperature threshold of $\leq 4^{\circ}\text{C}$ and/or on ice, a data qualifier will be added to the sample on the final report. This may void its acceptance for real estate transactions.

SAMPLE COLLECTION

1. Allow water from tap to run for five minutes then reduce flow to slow, steady stream.
2. Fill the provided 125ml bottle to the neck (**see figure to the right**).
3. Replace the cap and securely fasten. Do not over tighten; this could result in a broken lid or bottle.
4. Vertically place provided bar code label on bottle. If a label is not provided, label bottle (not lid) using permanent ink with; date and time (a.m./p.m.) collected, collector, sample location (kitchen/bathroom sink, etc.).
5. Place sample in a container with ice depending on your method of delivery. If mailing, please place sample in a cooler with ice. If delivering sample by hand, any container that holds ice will be acceptable. (cooler, cup, bag, etc.)
6. Complete the Chain of Custody.
7. See back for "Sample Delivery" details.

***The Maximum Contaminant Level (MCL) for Nitrate as Nitrogen is set at 10mg/L.**



Private Water Instructions For:

Nitrate + Nitrite as N

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SAMPLE DELIVERY

Mail

Sign and date each Chain of Custody form before mailing. Place all completed forms in a Ziploc® bag or another waterproof container. Place forms in cooler with your samples, and ice. If using a courier, i.e., FedEx, UPS, etc., address your label as the following:

Oklahoma Department of Environmental Quality
707 N. Robinson
Oklahoma City, OK 73102

For USPS shipments, address your label as the following:
Oklahoma Department of Environmental Quality
P.O. Box 1677
Oklahoma City, OK. 73102

****Ensure postage is marked for next-day priority shipping to ensure that ice does not melt before delivery****

Personal Delivery

The person delivering samples will sign all Chain of Custody forms at the receiving window of the DEQ Sample Management Unit located through the door on the northeast corner of the DEQ building. Hours of operation are Monday – Friday 8:00am to 4:30pm except on state holidays.

For collection assistance or questions, scan the QR code to the right to view the SELS contact page.



**Need
Help?**

For questions about the analytical prices and fees, scan the QR code to the right, or visit the SEL's page of the DEQ's website at www.deq.state.ok.gov



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For further assistance or concerns, call 405-702-1000 or email us at selsd@deq.ok.gov

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SEL-Customer_Assistance/Instructions for Private:Nitrate_Nitrite_8999-GUI31-R02-102324

