



RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations

NITRATE/NITRITE ANALYSIS

Note: All information must be supplied for compliance credit.

WATER SYSTEM ID #: _____ - _____ - _____ County: _____

Name of Water System: _____

Sample Type: Entry Point Special/Non-compliance

Location Where Collected: _____

Facility ID No. _____

Sample Point: _____

Collected By: _____
(Please Print)

Collection Date	Collection Time
____/____/____ (MM/DD/YY)	____:____, ____ M (Specify AM or PM)

Mail Results to (water system representative):

Phone #: (____) _____

Fax #: (____) _____

Responsible Person's email: _____

LABORATORY ID #: 37701

SAMPLE UNSATISFACTORY RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e. < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
1040	Nitrate	4500 NO ₃ -E	1.00 mg/L	<input type="checkbox"/>	____. ____ mg/L	10.00 mg/L
1041	Nitrite	4500 NO ₂ -B	0.10 mg/L	<input type="checkbox"/>	____. ____ mg/L	1.00 mg/L

*Note: If result exceeds allowable limit, the laboratory must fax analytical results to the State on day test completed.

	DATE:	TIME:
ANALYSES BEGUN:	____/____/____ (MM/DD/YY)	____:____, ____ M (Specify AM or PM)
ANALYSES COMPLETED:	____/____/____ (MM/DD/YY)	____:____, ____ M (Specify AM or PM)

Laboratory Log #: _____

Certified By: _____
(Print and sign name)

COMMENTS: _____

Laboratory should Mail Results to:

Public Water Supply Section, Attn: Data Entry, 1634 Mail Service Center, Raleigh, NC 27699-1634
Fax: 919.715.6637

Instructions

NITRATE/NITRITE

1. THE CLIENT IS RESPONSIBLE FOR COMPLETING ALL INFORMATION ABOVE THE DOUBLE LINE. Failure to complete all the information may result in rejection of the samples. Please print all information and make sure the information is legible.
2. The samples must be collected in bottles provided by the laboratory. Samples must be immediately packed with ice upon collection and be kept at 4.0° C. Samples being shipped must also be on ice. SAMPLES NOT ADEQUATELY CHILLED UPON DELIVERY TO THE LAB WILL BE REJECTED AND WILL NOT BE TESTED.
3. Samples must be collected AFTER TREATMENT from entry points to the distribution system if they are to be used to meet compliance monitoring requirements of the North Carolina Drinking Water Act. Each entry point must have a separate sample collected and analyzed.
4. **Do not flame the faucet before collecting this sample.** Before taking samples, let the water run from the tap for a few minutes (until water temperature stabilizes). Fill each supplied sample container to within approximately one inch of the top leaving an air space, then cap the container securely.
5. Place the samples and completed collection form in the shipping container. Forward all samples to the laboratory immediately after collection.
6. After the samples are analyzed, regulations require that the laboratory mail the results of all compliance samples to the Public Water Supply Section, (Attention: Data Entry), 1634 Mail Service Center, Raleigh, NC 27699-1634. A copy will be sent to the client, and the client shall retain the copy for at least twelve (12) years.
7. If the form should be returned to the client marked "**Sample Unsatisfactory**," this means another sample will have to be collected. The COMMENTS section on the front of the form will give the reason.

SAMPLE TYPE

Entry Point: A sample collected from an entry point to the distribution system after application of treatments, if used for compliance monitoring.

Special/Non-compliance: A sample collected for special purposes and is not for compliance monitoring.