



## Testing Wells for Nitrates

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The information below is a compilation provided by ESJWQC. The list of companies is not exhaustive and will be updated periodically. The companies offer water analysis services in the Central Valley.

### Types of companies who provide this service:

- Specialize in agricultural consulting and nitrogen budgeting; plant tissue testing and soil nutrient management
- Specialize in geology or engineering; also offer groundwater mapping services
- Specialize in water quality analysis (laboratory only)

### Cost for sampling services

Analysis for nitrate can range from \$6 to \$65 per sample, depending on the lab and analysis requested. Rates for independent consulting firms and full-service laboratories can range from \$45-\$250 per well. Most laboratories provide bottles and sampling instructions. Bottles can be self-delivered or by courier.

### Sample collection and delivery coordination

Improved rates can be negotiated with laboratories with preset pick-up points for sample bottles. The ESJWQC is helping organize local sample bottle pick up. If you are interested in participating contact us at <http://www.esjcoalition.org/contact.asp>

Find this document at [www.esjcoalition.org](http://www.esjcoalition.org)

## IF YOU SAMPLE YOURSELF

### •Where to sample

Close to well head; up stream of filters or injection equipment

### •Sample volume

1 pint/500 mL (minimum); some labs need 2 pints/1 liter

### •Bottles

Plastic (1-2 pints/0.5 - 1 L); most laboratories provide

### •How to sample

Run pump to flush casing; frequently used pumps run 2-3 minutes before sampling. Others flush 3 times, 5 min-2 hrs depending on gpm, casing size, groundwater depth. Rinse bottle 3 times with well water, fill bottle to top. Keep on ice until delivered to laboratory.

### •Sample delivery

Deliver to lab promptly or use courier service. Must be received within 48 hours of sampling.

#### ADDITIONAL RESOURCES:

A sample nitrogen budget for walnuts, for example, can be found at:  
[http://www.ipm.ucdavis.edu/PMG/C881/walnut\\_nitrogen\\_budget.pdf](http://www.ipm.ucdavis.edu/PMG/C881/walnut_nitrogen_budget.pdf)

California Department of Health - Certified Laboratories  
<http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Nitrate.aspx>

# Companies Providing Services to Test Wells for Nitrates

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[http://www.ipm.ucdavis.edu/PMG/C881/walnut\\_nitrogen\\_budget.pdf](http://www.ipm.ucdavis.edu/PMG/C881/walnut_nitrogen_budget.pdf)

California Department of Health – Certified Laboratories  
<http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Nitrate.aspx>

Lab	Ag Specialist	Sampling Service	Lab Name	Street	City	Zip	Phone
X	X		A & L Western Agricultural Laboratories, Inc.	1311 Woodland Ave, Suite 1	Modesto	95351	(209) 529-4080
X		X	Apex Envirotech, Inc.	11244 Pyrites Way	Gold River	95670	(916) 851-0174
X			APPL	908 N. Temperance Ave	Clovis	93611	(559) 275-2175
X			Argon Analytical Services, Inc. DBA Argon Laboratories	2905 Railroad Ave	Ceres	95307	(209) 581-9280
X		X	Blaine Tech Services Inc.	4731 Pell Drive, Suite 5	Sacramento	95838	(916) 925-2913 ext. 102
X		X	BSK Associates	1414 Stanislaus Street	Fresno	93706	(559) 497-2888
X	X	X	California AgQuest Consulting, Inc.	4545 N. Brawley Ave	Fresno	93722	(559) 275-8095 (559) 275-5301
X	X		California Growers Laboratory Inc.	4630 W. Jennifer, Suite 104	Fresno	93722	(559) 275-3377 (559) 275-8270
X	X	X	California Laboratory Services	3249 Fitzgerald Rd	Rancho Cordova	95742	(916) 638-7301 (916) 638-4510
X	X	X	Dellavalle Laboratory, Inc.	1910 West Mckinley Ave, Suite 110	Fresno	93728	(559) 351-2741
X	X	X	Denele Analytical, Inc.	1232 South Ave,	Turlock	95380	(209) 634-9055
X		X	Dudek	980 9th Street, Suite 1750	Sacramento	95814	(760) 479-4127
X	X		FGL Laboratory	2500 Stagecoach Rd	Stockton	95215	(209) 942-0182
X		X	Geoanalytical Laboratories, Inc.	2300 Maryann Drive	Turlock	95380	(209) 669-0100
X			IEH-JL Analytical Services	217 Primo Way	Modesto	95358	(209) 538-8111
X	X	X	JM Lord, Inc.	267 N. Fulton St.	Fresno	93701	(559) 268-9755 (559) 486-6504
		X	MLJ-LLC	632 Drew Ave	Davis	95616	(530) 756-5200
X	X	X	Pacific Agronomics	3402 W. Holland Ave #101	Fresno	93711	(559) 276-0401
	X	X	Perry Laboratory	424 Airport Blvd.	Watsonville	95076	(831) 722-7606
X		X	Precision Enviro-Tech	3935 North Coronado Ave	Stockton	95204	(209) 477-8105
X	X	X	Soil and Plant Laboratory, Inc.	1101 S. Winchester Blvd., Suite G-173	San Jose	95128	(408) 727-0330
X	X		Soil Control Lab	42 Hangar Way	Watsonville	95076	(831) 761-7272 (831) 724-5422
X			VPN Laboratory	3402 W. Holland Ave #101	Fresno	93711	(559) 276-0403 (559) 272-9363