



Pasadena Water and Power

The Impact of TNI Based Accreditation in California, Florida, and New York

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Presented to
State Water Resources Control Board,
Sacramento, California

October 6, 2016





Concurrences 1

Pasadena Water and Power

Alameda County Water District

Burbank Water & Power

City of Anaheim

City of Davis

City of Grass Valley

City of Long Beach

City of Moro Bay

City of Petaluma

City of Roseville

City of San Juan Capistrano

City of Santa Monica

City of Thousand Oaks

City of Ventura

American Environmental Testing Lab

Castaic Lake Water Agency

City of Benicia

City of Escondido

City of Laguna Beach

City of Manteca

City of Napa

City of Placerville

City and County of San Francisco

City of San Luis Obispo

City of Simi Valley

City of Vacaville

City of Ukiah

Antelope Valley-East Kern Water Agency.

Casitas Water District

City of Burbank WRP

City of Fairfield

City of Lompoc

City of Millbrae

City of Paso Robles

City of Pittsburg

City of San Clemente

City of San Mateo WWTP

City of Tracy

City of Vallejo

City of Woodland



Concurrences 2

Pasadena Water and Power

Chem Pro Laboratory
El Toro Water District
Fairfield-Suisan Sanitation District
Helix Water District
Monterey Bay Analytical Services
Mt. View Sanitary District
North Marin Water District
Orange County Water District
Performance Analytical Laboratories
Sewerage Agency of Southern Marin
Sausalito – Marin City Sanitary District
Sonoma County Water Authority
South San Joaquin Irrigation District
UC Davis WWTP
Vallejo Sanitation & Flood Control District

Coachella Water District
Enviro-Chem Inc.
Forensic Analytical Laboratories
Kern County Water Authority
Monterey County Public Health Lab
Napa Sanitation District
Pacific EcoRisk
Oro Loma Sanitary District
Positive Laboratories
San Simeon Community Services District
Silicon Valley Clean Water
South Orange County Water Authority
Sweetwater Authority
West Basin MWD
Veolia - Rialto Water Services

Dellavalle Laboratory
EnviroMatrix Analytical
Goleta Water District
Mammoth Community Water District
Moulton Niguel Water District
Nipomo Community Services District
Pasadena Water & Power
Pacific Ecorisk
San Francisco Intl Airport Commission
Santa Margarita Water District
South Coast Water District
South Tahoe Public Utility District
Trabuco Canyon Water District
Union Sanitary District

Principles





Principles

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The people of California accrue the greatest protection of human health and the environment by having the largest number of laboratories in the widest range of locations. We believe that the State Board should do all it can to encourage the existence and expansion of environmental laboratories in general and those associated with utilities in smaller and more remote locations in particular.



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Environmental Laboratory Accreditation Act



100829. The State Water Resources Control Board may do all of the following related to accrediting environmental laboratories in the state:

*(a) Offer **both** state accreditation and NELAP accreditation, which shall be considered equivalent for regulatory activities covered by this article.*

*(b) Adopt regulations to establish the accreditation procedures for **both** types of accreditation.” (emphasis added).*

The California legislature did not authorize ELAP to only offer one type of accreditation, it authorized ELAP to offer both types of accreditation. In proposing this regulation, ELAP is exceeding the authority granted it by the state legislature.



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Administrative Procedures Act



*11346.3. (a) A state agency proposing to adopt, amend, or repeal any administrative regulation shall assess the potential for adverse economic impact on California business enterprises and individuals, avoiding the imposition of **unnecessary or unreasonable regulations or reporting, recordkeeping, or compliance requirements.***

TNI is nearly 100% reporting and recordkeeping requirements.

They are unnecessary as California has been accrediting laboratories without them for over 60 years and the vast majority of other states also accredit laboratories without them quite successfully.

They are unreasonable because they have where implemented on a mandatory basis driven qualified laboratories out the accreditation process



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Three State Study





In 2000 the Lab Accreditation Programs of California, Florida, and New York all Became TNI Compliant

- In California TNI was Voluntary
- In Florida and New York all Laboratories were required to use TNI



Background

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In the years since, the number of laboratories have changed significantly

- In California the number of accredited laboratories have increased
- In Florida and New York the number of Laboratories have decreased



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Florida





Two Florida Databases

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- **Active Labs (2016)**

- ❖ 368 Total
- ❖ 233 In Florida
- ❖ 109 Utility Owned
- ❖ 77 Commercial
- ❖ 21 Environmental Pollution
- ❖ 11 Department of Health
- ❖ 6 University
- ❖ 3 Federal
- ❖ 12 Others

- **Inactive Labs**

- ❖ 376
- ❖ 202 In Florida
- ❖ 89 Government
 - Mostly Sewage Treatment Plants
 - Drinking Water Utility
 - Public Health



Inactive

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- 1) Changed Names
- 2) Changed Address
- 3) Consolidated
- 4) Narrowed Scope
- 5) Dropped Accreditation
- 6) Closed Altogether



Bradford County Health Department

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On November 14, 2002 the laboratory switched from State Accreditation To NELAP (TNI) Accreditation and on May 31, 2005 accreditation was Relinquished. There are currently no laboratories accredited in Bradford County

NELAP-Certified Laboratories

Laboratories no longer certified Under NELAP by the Florida Department of Health

Transaction History Query Results

Database Version: 01/23/2016 8:18:22 AM

Organization:	FL Dept. of Health - Bradford County Health Department
DOH ID:	E22794

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Total coliforms ~and~ E. coli	11/14/2002	From: Accredited To: Accredited	STATE NELAP	FL	1/17/2003
Drinking Water	SM 9223 B	Total coliforms ~and~ E. coli	5/31/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	6/13/2005

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Last updated: April 23, 2015

- Bay
- Brevard
- Broward
- Charlotte
- Citrus
- Collier
- Columbia
- Dade
- Duval
- Escambia
- Flagler
- Hamilton
- Hendry
- Hernando
- Hillsborough
- Indian River
- Jackson
- Lake
- Lee
- Leon



- Approximately 78 government owned laboratories closed or dropped accreditation following the implementation of TNI in Florida.
- An unknown number of non-government laboratories also closed or dropped accreditation.



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New York





Two Databases – NY & NELAC

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- New York ELAP (2016)
 - ❖ 121 in New York
- NELAC (2001)
 - ❖ 221 In New York



Arcade Sewage Treatment Plant

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On January 25, 2001 the City of Arcade had an accredited lab.
There are currently no laboratories accredited in Wyoming County



Note: Please contact Laboratory or Primary Accrediting Authority for specific details of their accredited Fields of Testing, including methods and analytes.

Lab Name	City	State	Phone	Primary	CA	GA	IL	IN	MD	MA	MI	MO	NC	ND	OH	OR	PA	RI	SC	SD	TN	TX	VA	WI	WV	WY
26th Ward WPCP - NYCDEP	Brooklyn	NY	(718) 642-7105	NY		X																				
A & B Laboratories, Inc	Houston	TX	(713) 453-6560	FL	X	X	X	X	X																	
A & P Water Testing	Morristown	NY	(315) 584-3169	NY		X																				
AAA Water Testing	Leominster	MA	(978) 860-2941	NY																						
AAC Trinity Inc	Farmington Hills	MI	(248) 548-5655	NY	X	X	X	X																		
AC Steffer Research Institute	Oak Hill	NY	(518) 239-6901	NY		X	X	X																		
Accutest	Monroeville	PA	(508) 481-6200	NJ		X	X	X																		
Accutest Laboratories	Dayton	NY	(732) 434-9200	NY		X	X	X	X																	
Accutest Laboratories Southeast, Inc	Orlando	FL	(407) 425-6700	FL	X	X	X	X																		
Acres International	Amherst	NY	(716) 689-3737	NY		X																				
ACS Testing Labs Inc	Buffalo	NY	(716) 655-3000	NY		X																				
Adams (V) Wastewater Treatment Plant	Adams	NY	(315) 232-4533	NY		X																				
Adirondack Environ Serv - Latham	Latham	NY	(518) 434-4546	NY		X	X	X	X																	
Adirondack Environmental Services Inc	Albany	NY	(518) 434-4546	NY	X	X	X	X																		
Advanced Analytical Technologies	Chestnut Ridge	NY	(845) 426-1228	NY		X	X	X																		
Advanced Applied Sciences, Inc	Harrisburg	PA	(717) 651-9377	PA		X																				
Advanced Environmental Services	Niagara Falls	NY	(716) 283-3120	NY	X	X	X	X																		
AES International Inc - Cate Labo #1	Sartore	PR	(770) 396-4449	NY	X	X	X	X																		
AES-Creative Resources	Johnson City	NY	(607) 729-9550	NY	X	X	X																			
Air Toxics Ltd	Folsom	CA	(916) 985-1000	NY	X																					
Akron (V) Sewage Plant	Akron	NY	(716) 542-2812	NY		X																				
Albany County Sewer District	Albany	NY	(518) 447-1611	NY		X	X																			
Albany Water Quality Lab	Feara Bush	NY	(518) 757-2666	NY		X	X	X																		
Albion (V) Water Plant	Waterport	NY	(716) 693-3962	NY		X																				
Albion Pollution Control Fac	Albion	NY	(716) 589-9200	NY		X																				
Alchemy Environmental Laboratories Inc	Pittsburgh	NY	(518) 553-1700	NY		X	X																			
Alcoa-Massena Chemistry Lab	Massena	NY	(315) 754-4255	NY	X	X	X	X																		
Alden Public Works Lab	Alden	NY	(716) 937-4497	NY		X	X																			
Alpha Analytical Labs	Westborough	MA	(508) 898-9200	NY	X	X	X																			
AMA Analytical Services Inc	Latham	NY	(518) 459-3440	NY		X																				
Ambient Laboratories	Glen Cove	NY	(212) 463-7812	NY	X	X	X	X																		
American Analytical & Technical Services - LA	Baton Rouge	LA	(225) 783-9550	FL	X	X	X	X																		
American Analytical & Technical Services Baton Roug	Baton Rouge	LA	(225) 783-9550	LA		X	X	X	X																	
American Analytical Laboratories	Farmingdale	NY	(516) 454-4100	NY	X	X	X	X																		
American Technical & Analytical Services Inc	Maryland Heights	MO	(314) 434-4570	IL		X	X																			
American West Analytical	Salt Lake City	UT	(801) 263-6686	UT		X	X	X																		
AMRO Environmental Laboratories	Merrimack	NH	(603) 434-0022	NH		X	X																			
Amsterdam Water Treatment	Amsterdam	NY	(518) 843-3009	NY		X	X	X																		
Analytical Laboratory Services, Inc	Middletown	PA	(717) 844-4541	PA		X																				
Analytical Environmental Services, Inc	Atlanta	GA	(770) 457-8177	FL	X	X	X																			
Analytical Laboratory Services, Inc	Middlesex	PA	(610) 640-1333	NJ		X																				
Analytical Services, Inc	Norcross	GA	(770) 734-4200	FL	X	X	X	X																		
Analytics Corporation	Richmond	VA	(804) 264-7100	NY	X	X	X	X																		
Analytics Environmental Laboratory, LLC	Portsmouth	NH	(603) 436-5111	NH		X	X	X																		
Anneke-Busch Co Inc WWTIP	Baltimore	NY	(315) 634-4000	NY		X																				
Aqua Environmental Lab	Newtown	CT	(203) 270-9973	NY		X																				
Aqua Pro-Tech Labs	Fairfield	NJ	(973) 227-0422	NJ		X	X	X																		
Aqua Tech	Wilmington	OH	(419) 391-2659	CA		X																				
Aqua Tech Envir Consultant - Memore	Memore	OH	(419) 391-2659	NY	X	X	X	X																		
Aqua Tech Envir Consulting Inc - Marton	Marton	OH	(800) 783-9991	NY	X	X	X																			
Aquarian Analytical, Inc	Carlsberg	NH	(603) 783-9297	NH		X	X	X																		
Aquatic Biological Sciences	Williston	VT	(802) 860-1838	NY	X	X	X																			
Aquation Environmental Services, Inc	Virginia Beach	VA	(757) 631-2755	CA	X	X	X																			
Arvaltech Laboratories Inc	Newburgh	NV	(845) 564-6703	NY		X																				
Arcade Waste Treatment Plant	Arcade	NY	(716) 450-1127	NY		X																				
ARND	Crest Hill	IL	(312) 421-9436	IL		X	X	X																		
ASCI Corporation - Environmental Testing Laboratory	Duluth	MN	(218) 732-0540	FL	X	X	X	X																		
AT&T Nassau Metals Corporation	Staten Island	NY	(212) 984-1970	NY	X	X	X	X																		
ATC Associates Inc	New York	NY	(212) 353-2260	NY	X	X	X	X																		
Athena Environmental Services Inc	Summitville	NY	(716) 381-4499	NY		X	X	X																		
Atlantic Testing Labs Inc	Waddington	NY	(315) 388-5510	NY	X	X	X	X																		
Atofina Chemicals Inc	Pittsford	NY	(716) 243-0330	NY		X																				
Atsica Sewage Treatment Plant	Atsica	NY	(716) 591-2595	NY		X																				



Laboratories Certified to Perform Testing

Home » Regulatory Programs » Environmental Laboratory Approval Program » Laboratories Certified to Perform Testing

Terms used by ELAP

Please be advised that laboratories may be certified to perform more than the tests listed. The list is given only as an indication to each laboratory's level of accreditation in each category.

A complete list of approved categories, analytes and methods can be found at each facility on watermark paper. This document is referred to as the Certificate of Approval and is issued on April 1 and is valid through March 31 of each calendar year.

Alternatively, a complete list may be obtained by contacting ELAP by phone at (518) 485-5570 or by e-mail.

Laboratory Type - Please select -	Matrix - Please select -	Analyte - Please select -	LAB ID (5 Digit ID)	Laboratory Name
CITY utica	ZIP Code	State NY	County (New York State only) - Please select -	Country - Please select -
<input type="button" value="Search"/>				
<p>No laboratories were found matching your search criteria</p>				
<input type="button" value="Print"/>				
<ul style="list-style-type: none"> Rensselaer Rockland Saratoga Schenectady Schuyler Seneca St. Lawrence Ulster Suffolk Sullivan Tioga Tompkins Ulster Unknown Warren Washington Wayne Westchester Yates 				





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California





California Databases

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- California ELAP (2016)
 - ❖ 734 Total
 - ❖ 345 Gov.
- California ELAP (2008)
 - ❖ 768 Total
 - ❖ 312 Gov.
- California ELAP (2001)
 - ❖ 727 Total
 - ❖ 284 Gov.

This is an increase of 61 government laboratories despite the fact 35 government laboratories closed.

Conclusions





Conclusions

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Where it has been applied in a compulsory fashion, TNI has resulted in the number of accredited laboratories decreasing, mainly smaller laboratories, both government and private.

This is contrary to the best interests of the people of California for the protection of public health and the environment, as well as the ELAA and the APA.