California Environmental Laboratory Accreditation Program

Environmental Laboratory

Technical Advisory Committee (ELTAC) Meeting

July 27, 2016

CALIFORNIA Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Environmental Laboratory Accreditation Program
STATE WATER RESOURCES CONTROL BOARD

State Water Resources Control Board
Division of Drinking Water

NOTICE OF ENVIRONMENTAL LABORATORY TECHNICAL ADVISORY COMMITTEE (ELTAC) MEETING

July 27, 2016
10:00 a.m. – 5:00 p.m.
(or until completion of business)

Location 1
California Environmental
Protection Agency Building
1001 I Street, Room 2540
Sacramento, CA 95814

Location 2
Southern California Coastal Water
Research Project
3535 Harbor Blvd., Suite 110
Costa Mesa, CA 92626

The Environmental Laboratory Accreditation Program (ELAP) will host a meeting of its technical advisory committee, as noted above. The notice and agenda for this meeting and others can be found at www.waterboards.ca.gov/elap. For further information regarding this agenda, see below or contact ELAP at elapca@waterboards.ca.gov or (916) 323-3431.

This meeting is available via teleconference and webcast. Connection information is located at the bottom of this notice.

AGENDA

ITEM #1 - Call to Order/Roll Call

ITEM #2 - Public Comments on Items Not on Agenda
(The Committee will not take any action but will consider placing any item raised on the agenda at a future meeting.)

ITEM #3 – Approval of Minutes from June 15, 2016 Meeting

ITEM #4 – DELAPO Report

ITEM #5 – Committee Reports

ITEM #6 – Unfinished Business – Laboratory Accreditation Standards

ITEM #7 – Close – Review Action Items

Action may be taken on any item on the agenda. The time and order of agenda items are subject to change at the discretion of the ELTAC Chair and may be taken out of order. The meeting will be adjourned upon completion of the agenda, which may be at a time earlier or later than posted in this notice.

In accordance with the Bagley-Keene Open Meeting Act, all meetings of ELTAC are open to the public.

Government Code section 11125.7 provides the opportunity for the public to address each agenda item during discussion or consideration by ELTAC prior to ELTAC taking any action on said item. Members of the public will be provided appropriate opportunities to comment on any issue before ELTAC, but the ELTAC Chair may, at his or her discretion, apportion available time among those who wish to speak. Individuals may appear before ELTAC to discuss items not on the agenda; however, ELTAC can neither discuss nor take official action on these items at the time of the same meeting [Government Code sections 11125 and 11125.7(a)].

The meeting locations are accessible to the physically disabled. A person who needs a disability-related accommodation or modification in order to participate in the meeting may make a request by contacting Katelyn McCarthy at (916) 322-7902 or emailing katelyn.mccarthy@waterboards.ca.gov. Providing your request at least five business days before the meeting will help to ensure availability of the requested accommodation.

Connection Information

Webcast	www.calepa.ca.gov/broadcast
Webinar	To Be Announced

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
ELTAC MEETING
Wednesday, July 27, 2016 – 10:00 a.m.
1001 I Street
Sacramento, CA 95814
And
3535 Harbor Blvd., Suite 110
Costa Mesa, CA 92626

Meeting Agenda

TIME	AGENDA ITEM	PRESENTER(S)
10:00am	Item #1 - Call to Order *Objective: Roll call.*	Andy Eaton, *Chairperson*
10:05am	Item #2 - Public Comments on Items not on Agenda	Open
10:15am	Item #3 – Summary of June 15, 2016 Meeting & Approval of Minutes *Objective: Recall previous assignments and amend or approve minutes.*	Andy Eaton
10:25am	Item #4 – DELAPO Report *Objective: Update members on recent developments and activities.*	Christine Sotelo, *DELAPO*
10:45am	Item #5 – Committee Reports ➢ Fields of Testing Subcommittee ➢ Fees Subcommittee *Objective: Update members on recent activities. Reach decision on next step.*	Subcommittee Members
11:30am	Item #6 – Unfinished Business – Laboratory Accreditation Standard ➢ 1-2 Person Lab Presentation	Sarah Cheshire, *Bear River Health Department, Utah*

	Objective: Provide committee with requested information.	
12:00pm	Lunch	
1:00pm	Item #6 – Unfinished Business – Laboratory Accreditation Standard ➢ State Agency Partners Committee Report *Objective: Inform members on the recent Agency Partners Meeting.*	Carol Wortham, *DTSC*
1:30pm	Item #6 cont. – Unfinished Business – Laboratory Accreditation Standard ➢ "Accreditation Standard Questions" *Objective: Outline ELAP's recommendation needs to committee.*	Christine Sotelo
2:00pm	Item #6 cont. – Unfinished Business – Laboratory Accreditation Standard ➢ ELTAC Discussion *Objective: Work toward formalizing recommendation to ELAP.*	ELTAC members
4:00pm	Item #6 cont. – Unfinished Business – Laboratory Accreditation Standard ➢ "Technical Standards" ➢ "Quality Systems" *Objective: Provide information for committee consideration.*	David Kimbrough
4:45pm	Item #7 – Close 1. Review Action Items *Objective: Review assignments generated during the meeting.*	Andy Eaton
5:00 pm	Adjourn	

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MEETING PACKET

AGENDA ITEM #1

Call to Order/Roll Call

Name	Affiliation	Type	Present
Christine Sotelo	ELAP	DELAPO	
Katelyn McCarthy	ELAP, Scribe	Scribe	
Mindy Boele	CWEA	Rep	
Jill Brodt	Brelje and Race Laboratories	Rep	
Bruce Burton	Division of Drinking Water	SRAE	
Gail Cho	CA Dept. of Fish and Wildlife	SRAE	
Stephen Clark	Pacific EcoRisk	Rep	
Ronald Coss	CWEA	Rep	
Huy Do	CASA	Rep	
Andy Eaton	Eurofins Eaton Analytical	Rep	
Miriam Ghabour	Metropolitan Water District of Southern California	Rep	
Bruce Godfrey	ACIL	Rep	
Anthony Gonzales	CAPHLD	Rep	
Rich Gossett	Physis Environmental	Rep	
David Kimbrough	Pasadena Water and Power	Rep	
Mark Koekemoer	Napa Sanitation District	Rep	
Bruce LaBelle	Dept. of Toxic Substances Control	SRAE	
Allison Mackenzie	Babcock Laboratories	Rep	
Guilda Neshvad	Positive Lab Service	Rep	
Renee Spears	State Water Resources Control Board	SRAE	

Abbreviation	Member Type
DELAPO	Designated ELAP Officer, nonvoting
Scribe	Minutes (non-member)
SRAE	State Regulatory Agency Employee, nonvoting
Rep	Representative Member, voting

Public Comments on Items Not on Agenda

Members of the public may address the Environmental Laboratory Technical Advisory Committee (ELTAC) regarding items that are not contained in the meeting agenda at this time.

However, ELTAC may not discuss or take action on any item raised during this public comment session, except to decide whether to place the matter on the agenda of a future meeting [Government Code sections 11125 and 11125.7(a)].

AGENDA ITEM #3

Approval of Minutes from June 15, 2016 Meeting

The Environmental Laboratory Technical Advisory Committee (ELTAC) is asked to review and approve the June 15, 2016 Meeting Minutes.

Attachment:
Draft Minutes from June 15, 2016 ELTAC Meeting

CALIFORNIA ENVIRONMENTAL LABORATORY TECHNICAL ADVISORY COMMITTEE (ELTAC)
COMMITTEE MEETING MINUTES
June 15, 2016

More information on the Environmental Laboratory Accreditation Program (ELAP) and previous ELTAC meetings can be found at http://www.waterboards.ca.gov/elap.

CALL TO ORDER

DELAPO Christine Sotelo called the meeting to order on June 15, 2016 at 10:00 a.m. at the California Environmental Protection Agency Headquarters, 1001 I Street, Conference Room 2540, Sacramento, CA and the Metropolitan Water District of Southern California, 700 N. Alameda Street, Room US2-456, Los Angeles, CA 90012.

COMMITTEE MEMBERS PRESENT

DELAPO: Christine Sotelo
Representatives:
Mindy Boele
Jill Brodt
Stephen Clark
Ronald Coss
Huy Do
Andy Eaton
Miriam Ghabour
Anthony Gonzalez
Rich Gossett
David Kimbrough
Allison Mackenzie
Guilda Neshvad
Alternate:
Chris Francis (for Mark Koekemoer)
State Regulatory Agency Employees:
Bruce Burton
Gail Cho
Bruce LaBelle
Renee Spears
Not Present:
Bruce Godfrey
Mark Koekemoer

OTHER STAFF PRESENT

Scribe: Katelyn McCarthy
ELAP: Maryam Khosravifard, Angela Anand, Ruby Lau, Jacob Oaxaca

ANNOUNCEMENT

- *Evacuation information in case the fire alarm goes off during the meeting.*
- *The Committee meeting is being webcasted and recorded.*

COMMITTEE MEETING

PUBLIC FORUM

Any member of the public may address and ask question of the Committee relating to any matter within ELTAC's scope provided the matter is not on the agenda, or pending before the Advisory Committee.

Commenter
Marshall Chaffee, Jones Environmental

- ***Proposed adding Proficiency Testing scoring system to a future agenda.***

COMMITTEE BUSINESS

ITEM #1 - Call to Order/Roll Call

ITEM #2 - Public Comments on Items Not on Agenda
(The Committee will not take any action but will consider placing any item raised on the agenda at a future meeting.)

No Action Taken

ITEM #3 – Approval of Amended Minutes from May 11, 2016 Meeting

Motion: Member Clark motioned to adopt the amended minutes.
Seconded by: Member Boele
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

- ***Action Item: Katelyn McCarthy will amend minutes by adding informal action items.***

ITEM #4 – DELAPO Report

- ***DELAPO Christine Sotelo spoke about ELAP's accomplishment in enhancing resources, including radiochemistry and inspector training for technical staff, announcement of new vacant positions, and promotion of Katelyn McCarthy to Staff Services Analyst.***
- ***Sotelo discussed ELAP's work on developing Standard Operating Procedures (SOPs).***
- ***Sotelo informed the committee about ELAP's upcoming U.S EPA audit, the amount of resources being used to prepare for the audit, and the effect on the fee structure timeline.***

ITEM #5 – Unfinished Business

1. Laboratory Accreditation Standards

Motion: A motion was made by Member Boele to table discussion of the Florida Case Study until a later date.
Seconded by: Member Cho
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour

	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Neshvad
Nay:	Member Mackenzie
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Member Boele to request Carol Wortham (spokesperson for the State Agency Partners Committee) be added to the July 27th ELTAC meeting agenda to report on the State Agency Partners meeting.
Seconded by: Member Kimbrough
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Clark
	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Chairperson Eaton to table discussion of auditor checklists for one meeting, at minimum.
Seconded by: Member Kimbrough
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Member Kimbrough to table presentation and discussion by Member Mackenzie (“In Support of CA Adoption of the TNI Standard”).
Seconded by: Member Boele
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark

	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Chairperson Eaton to request ELAP bring a guest speaker or speakers to the next committee meeting from TNI-accredited one- or two-person laboratories, or that ELAP provide contact information for those persons should they not be available to speak during the scheduled meeting.
Seconded by: Member Boele
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Member Clark that the committee accept Delapo Sotelo's "three decision" model as an alternative to the previously discussed Options 1, 2, and 3 to frame the laboratory accreditation standards discussion.
Seconded by: Member Kimbrough
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Member Kimbrough to use the remaining time during the current agenda item to discuss the issue of a recommendation to ELAP on the proficiency testing decision in the standards model.
Seconded by: Chairperson Eaton
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Member Boele that the committee recommend ELAP require laboratories submit one round of proficiency testing per year.
Seconded by: Member Gossett
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Coss
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Godfrey
	Member Koekemoer
Abstain:	None

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2. Proposed process for agency coordination and to update laboratory community on future regulatory actions.

Motion: A motion was made by Member Boele that Member Clark revise version one of a memo regarding a recommended process for ELAP, agency, and laboratory coordination when new methods or new reporting limits are needed and submit the second version to ELAP for distribution to the Agency Partners Committee for review and comment.
Seconded by: Member Kimbrough
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales

	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

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3. Auditor Checklists – tabled

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4. Fee Structure

Motion: A motion was made by Member Boele to create a Fees Subcommittee consisting of Members Boele, Ghabour, Gossett, Kimbrough, Mackenzie, and Neshvad.
Seconded by: Member Kimbrough
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

- ***Action Item: ELAP should provide information to subcommittee regarding program needs and possible fee models that have been evaluated.***

ITEM #6 – Committee Reports

1. Field of Testing (FOT) Subcommittee

Motion: A motion was made by Member Boele to accept the subcommittee's proposed format for FOTs.
Seconded by: Member Clark
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett

	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Chairperson Eaton to recommend that when there are compounds that are regulated by the state or federal government, but there is not a mandatory requirement for lab certification, that ELAP offer laboratory certification.
Seconded by: Member Kimbrough
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Member Clark to have the fee subcommittee address the issue of certification by program versus by method or instrumentation.
Seconded by: Member Gossett
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Neshvad
Nay:	Member Kimbrough
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Member Gossett to recommend ELAP change program statute to method/instrumentation based certification instead of a program based certification.
Seconded by: Member Cho
Amendment: An amendment to the motion was made to request ELAP present to ELTAC the process and historical evaluation of the options before proceeding with statute change.
Seconded by: Member Boele

AMENDMENT CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Mackenzie
	Member Neshvad
Nay:	Member Kimbrough
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Mackenzie
	Member Neshvad
Nay:	Member Brodt
	Member Kimbrough
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

Motion: A motion was made by Chairperson Eaton to table the last three issues on the FOT Subcommittee report.
Seconded by: Member Boele
MOTION CARRIED: June 15, 2016

Aye:	Member Boele
	Member Brodt
	Member Clark
	Member Do
	Member Eaton
	Member Ghabour
	Member Gonzales
	Member Gossett
	Member Kimbrough
	Member Mackenzie
	Member Neshvad
Nay:	None
Absent:	Member Coss
	Member Godfrey
	Member Koekemoer
Abstain:	None

ITEM #9 - Close

- Review action items:
    a. Katelyn McCarthy with amend May meeting minutes to include informal action items.

b. ELAP will bring a guest speaker or speakers to the next committee meeting from TNI-accredited one- or two-person laboratories, or provide contact information for those persons should they not be available to speak during the scheduled meeting
c. Member Clark will revise version one of a memo regarding a recommended process for ELAP, agency, and laboratory coordination when new methods or new reporting limits are needed and submit the second version to ELAP for distribution to the Agency Partners Committee for review and comment.
d. ELAP will work with the fees subcommittee to provide additional information.
e. The FOT Subcommittee will finish its report at the next meeting.

ADJOURNMENT

The Committee adjourned at 5:14pm.

AGENDA ITEM #4

Designated ELAP Officer (DELAPO) Report

AGENDA ITEM #5

Committee Reports

1. Fields of Testing Subcommittee

   Attachments:

   - Other State FOT Examples
     - New York State Department of Health
     - State of Utah Department of Health
   - White Paper – Fields of Accreditations and Units of Accreditations, *David Kimbrough*
     - Fields of Accreditation attachment

2. Fees Subcommittee

Attachments:

- ELAP Fee Structure Scenarios
- ELAP Hourly Analysis

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2017
Issued April 01, 2016

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DUANE LUCKENBILL
EUROFINS LANCASTER LABORATORIES
ENVIRONMENTAL LLC
2425 NEW HOLLAND PIKE
LANCASTER, PA 17601-5994

NY Lab Id No: 10670

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Bacteriology	
Coliform, Total / E. coli (Qualitative)	SM 18-22 9223B (-97) (Colilert)
Heterotrophic Plate Count	SM 18-22 9215B (-00)
Chlorinated Acids	
2,4,5-TP (Silvex)	EPA 515.1
2,4-D	EPA 515.1
Dalapon	EPA 515.1
Dicamba	EPA 515.1
Dinoseb	EPA 515.1
Pentachlorophenol	EPA 515.1
Picloram	EPA 515.1
Disinfection By-products	
Bromide	EPA 300.0 Rev. 2.1
Dissolved Gases	
Acetylene	RSK-175
Ethane	RSK-175
Ethene (Ethylene)	RSK-175
Methane	RSK-175
Fuel Additives	
Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2
Metals I	
Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4

Metals I	
Barium, Total	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Metals II	
Aluminum, Total	EPA 200.7 Rev. 4.4
Antimony, Total	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Thallium, Total	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.7 Rev. 4.4

Serial No.: 53967

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2017
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All approved analytes are listed below:

Metals III	
Calcium, Total	EPA 200.7 Rev. 4.4
Magnesium, Total	EPA 200.7 Rev. 4.4
Potassium, Total	EPA 200.7 Rev. 4.4
Sodium, Total	EPA 200.7 Rev. 4.4
Methylcarbamate Pesticides	
3-Hydroxy Carbofuran	EPA 531.1
Aldicarb	EPA 531.1
Aldicarb Sulfone	EPA 531.1
Aldicarb Sulfoxide	EPA 531.1
Carbaryl	EPA 531.1
Carbofuran	EPA 531.1
Methomyl	EPA 531.1
Oxamyl	EPA 531.1
Microextractibles	
1,2-Dibromo-3-chloropropane	EPA 504.1
1,2-Dibromoethane	EPA 504.1
Miscellaneous	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 1613B
Benzo(a)pyrene	EPA 525.2
Bis(2-ethylhexyl) phthalate	EPA 525.2
Di (2-ethylhexyl) adipate	EPA 525.2
Hexachlorobenzene	EPA 525.2
Hexachlorocyclopentadiene	EPA 525.2
Methyl iodide	EPA 524.2

Miscellaneous	
Organic Carbon, Total	SM 21-22 5310C (-00)
Surfactant (MBAS)	SM 18-22 5540C (-00)
Turbidity	SM 18-22 2130 B (-01)
	EPA 180.1 Rev. 2.0
Non-Metals	
Alkalinity	SM 18-22 2320B (-97)
Calcium Hardness	SM 18-22 2340C (-97)
	SM 18-22 2340B (-97)
Chloride	EPA 300.0 Rev. 2.1
Color	SM 18-22 2120B (-01)
Cyanide	EPA 335.4 Rev. 1.0
Fluoride, Total	EPA 300.0 Rev. 2.1
	SM 18-22 4500-F C (-97)
Nitrate (as N)	EPA 353.2 Rev. 2.0
	EPA 300.0 Rev. 2.1
Nitrite (as N)	EPA 353.2 Rev. 2.0
	EPA 300.0 Rev. 2.1
Orthophosphate (as P)	SM 18-22 4500-P E (-99)
Silica, Dissolved	SM 20-22 4500-SiO2 C (-97)
Solids, Total Dissolved	SM 18-22 2540C (-97)
Specific Conductance	SM 18-22 2510B (-97)
Sulfate (as SO4)	EPA 300.0 Rev. 2.1
Organohalide Pesticides	
Alachlor	EPA 507
	EPA 525.2

Serial No.: 53967

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2017
Issued April 01, 2016

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NY Lab Id No: 10670

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All approved analytes are listed below:

Organohalide Pesticides

Atrazine	EPA 507
	EPA 525.2
Butachlor	EPA 525.2
Dieldrin	EPA 525.2
Endrin	EPA 525.2
Heptachlor	EPA 525.2
Heptachlor epoxide	EPA 525.2
Lindane	EPA 525.2
Methoxychlor	EPA 525.2
Metolachlor	EPA 525.2
Metribuzin	EPA 525.2
Propachlor	EPA 525.2
Simazine	EPA 507
	EPA 525.2

Trihalomethanes

Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Chloroform	EPA 524.2
Dibromochloromethane	EPA 524.2
Total Trihalomethanes	EPA 524.2

Volatile Aromatics

1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2

Volatile Aromatics

1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Chlorobenzene	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
p-Isopropyltoluene (P-Cymene)	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Toluene	EPA 524.2
Total Xylenes	EPA 524.2

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2

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WADSWORTH CENTER

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CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DUANE LUCKENBILL
EUROFINS LANCASTER LABORATORIES
ENVIRONMENTAL LLC
2425 NEW HOLLAND PIKE
LANCASTER, PA 17601-5994

NY Lab Id No: 10670

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

1,1-Dichloroethene	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

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Acrylates	
Acrolein (Propenal)	EPA 8260C
	EPA 624
Acrylonitrile	EPA 8260C
	EPA 624
Ethyl methacrylate	EPA 8260C
Methyl acrylonitrile	EPA 8260C
Methyl methacrylate	EPA 8260C
Amines	
1,2-Diphenylhydrazine	EPA 8270D
1,4-Phenylenediamine	EPA 8270D
1-Naphthylamine	EPA 8270D
2,3-Dichloroaniline	EPA 625
2-Naphthylamine	EPA 8270D
2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4,4'-Methylenebis(2-chloroaniline)	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
5-Nitro-o-toluidine	EPA 8270D
a,a-Dimethylphenethylamine	EPA 8270D
Aniline	EPA 625
	EPA 8270D
Carbazole	EPA 625
	EPA 8270D
Diphenylamine	EPA 8270D

Amines	
Methapyrilene	EPA 8270D
Pronamide	EPA 8270D
Propionitrile	EPA 8260C
Pyridine	EPA 625
	EPA 8270D
Bacteriology	
Coliform, Fecal	SM 9222D-97
Benzidines	
3,3'-Dichlorobenzidine	EPA 625
	EPA 8270D
3,3'-Dimethylbenzidine	EPA 8270D
Benzidine	EPA 625
	EPA 8270D
Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	EPA 8081B
	EPA 608
4,4'-DDE	EPA 8081B
	EPA 608
4,4'-DDT	EPA 8081B
	EPA 608
Aldrin	EPA 8081B
	EPA 608
alpha-BHC	EPA 8081B
	EPA 608

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Chlorinated Hydrocarbon Pesticides	
alpha-Chlordane	EPA 8081B
beta-BHC	EPA 8081B
	EPA 608
Chlordane Total	EPA 8081B
	EPA 608
delta-BHC	EPA 8081B
	EPA 608
Diallate	EPA 8270D
Dieldrin	EPA 8081B
	EPA 608
Endosulfan I	EPA 8081B
	EPA 608
Endosulfan II	EPA 8081B
	EPA 608
Endosulfan sulfate	EPA 8081B
	EPA 608
Endrin	EPA 8081B
	EPA 608
Endrin aldehyde	EPA 8081B
	EPA 608
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
	EPA 608
Heptachlor epoxide	EPA 8081B
	EPA 608

Chlorinated Hydrocarbon Pesticides	
Isodrin	EPA 8270D
Kepone	EPA 8081B
	EPA 8270D
Lindane	EPA 8081B
	EPA 608
Methoxychlor	EPA 8081B
	EPA 608
Mirex	EPA 8081B
PCNB	EPA 8270D
Toxaphene	EPA 8081B
	EPA 608

Chlorinated Hydrocarbons	
1,2,3-Trichlorobenzene	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 625
	EPA 8270D
1-Chloronaphthalene	EPA 8270D
2-Chloronaphthalene	EPA 625
	EPA 8270D
Hexachlorobenzene	EPA 625
	EPA 8270D
Hexachlorobutadiene	EPA 625
	EPA 8270D
Hexachlorocyclopentadiene	EPA 625
	EPA 8270D

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Chlorinated Hydrocarbons	
Hexachloroethane	EPA 625
	EPA 8270D
Hexachloropropene	EPA 8270D
Pentachlorobenzene	EPA 8270D
Chlorophenoxy Acid Pesticides	
2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
2,4-DB	EPA 8151A
Dalapon	EPA 8151A
Dicamba	EPA 8151A
Dichloroprop	EPA 8151A
Dinoseb	EPA 8151A
	EPA 8270D
Demand	
Biochemical Oxygen Demand	SM 5210B-01,-11
Carbonaceous BOD	SM 5210B-01,-11
Chemical Oxygen Demand	EPA 410.4 Rev. 2.0
Dioxins and Furans	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	EPA 8290A
	EPA 1613B
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-diox	EPA 8290A
	EPA 1613B
1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290A

Dioxins and Furans	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 1613B
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	EPA 8290A
	EPA 1613B
1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290A
	EPA 1613B
1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290A
	EPA 1613B
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290A
	EPA 1613B
1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290A
	EPA 1613B
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290A
	EPA 1613B
1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290A
	EPA 1613B
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290A
	EPA 1613B
1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290A
	EPA 1613B
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290A
	EPA 1613B
2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290A
	EPA 1613B
2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290A
	EPA 1613B
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290A

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Dioxins and Furans	
2,3,7,8-Tetrachlorodibenzofuran	EPA 1613B
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290A
	EPA 1613B
Dissolved Gases	
Ethane	RSK-175
Ethene (Ethylene)	RSK-175
Methane	RSK-175
Propane	RSK-175
Fuel Oxygenates	
Di-isopropyl ether	EPA 8260C
Ethanol	EPA 8260C
	EPA 8015D
	EPA 8015C
Methyl tert-butyl ether	EPA 8260C
	EPA 8021B
tert-amyl alcohol	EPA 8260C
tert-amyl methyl ether (TAME)	EPA 8260C
tert-butyl alcohol	EPA 8260C
tert-butyl ethyl ether (ETBE)	EPA 8260C
Haloethers	
2,2'-Oxybis(1-chloropropane)	EPA 625
	EPA 8270D
4-Bromophenylphenyl ether	EPA 625
	EPA 8270D
Haloethers	
4-Chlorophenylphenyl ether	EPA 625
	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 625
	EPA 8270D
Bis(2-chloroethyl)ether	EPA 625
	EPA 8270D
Low Level Halocarbons	
1,2-Dibromo-3-chloropropane, Low Level	EPA 8011
1,2-Dibromoethane, Low Level	EPA 8011
Low Level Polynuclear Aromatics	
Acenaphthene Low Level	EPA 8270D SIM
Acenaphthylene Low Level	EPA 8270D SIM
Anthracene Low Level	EPA 8270D SIM
Benzo(a)anthracene Low Level	EPA 8270D SIM
Benzo(a)pyrene Low Level	EPA 8270D SIM
Benzo(b)fluoranthene Low Level	EPA 8270D SIM
Benzo(g,h,i)perylene Low Level	EPA 8270D SIM
Benzo(k)fluoranthene Low Level	EPA 8270D SIM
Chrysene Low Level	EPA 8270D SIM
Dibenzo(a,h)anthracene Low Level	EPA 8270D SIM
Fluoranthene Low Level	EPA 8270D SIM
Fluorene Low Level	EPA 8270D SIM
Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D SIM
Naphthalene Low Level	EPA 8270D SIM
Phenanthrene Low Level	EPA 8270D SIM

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Low Level Polynuclear Aromatics	
Pyrene Low Level	EPA 8270D SIM
Metals I	
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Calcium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Iron, Total	SM 3500-Fe B-97,-11
	EPA 200.7 Rev. 4.4
	EPA 6010C
Metals I	
Iron, Total	EPA 6020A
	EPA 200.8 Rev. 5.4
Lead, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Magnesium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Potassium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4

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Metals I	
Sodium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Strontium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Metals II	
Aluminum, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Antimony, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Arsenic, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Metals II	
Chromium VI	EPA 218.6 Rev. 3.3
	EPA 7196A
	EPA 7199
	SM 3500-Cr B-09,-11
Mercury, Low Level	EPA 1631E
Mercury, Total	EPA 245.1 Rev. 3.0
	EPA 7470A
Selenium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Metals III	
Cobalt, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Molybdenum, Total	EPA 200.7 Rev. 4.4

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Metals III	
Molybdenum, Total	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Thallium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Tin, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Titanium, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Uranium (Mass)	EPA 6020A
	EPA 200.8 Rev. 5.4
Mineral	
Acidity	SM 2310B-97,-11
Alkalinity	SM 2320B-97,-11
Chloride	EPA 300.0 Rev. 2.1
	SM 4500-Cl- C-97,-11
	EPA 9056A
Fluoride, Total	EPA 300.0 Rev. 2.1
	SM 4500-F C-97,-11
Mineral	
Fluoride, Total	EPA 9056A
Hardness, Total	SM 2340C-97,-11
	SM 2340B-97,-11
Sulfate (as SO4)	EPA 300.0 Rev. 2.1
	EPA 9056A
Miscellaneous	
Boron, Total	EPA 200.7 Rev. 4.4
	EPA 6010C
	EPA 6020A
	EPA 200.8 Rev. 5.4
Bromide	EPA 300.0 Rev. 2.1
	EPA 9056A
Color	SM 2120B-01,-11
Cyanide, Available	OIA-1677
Cyanide, Free	OIA-1677
Cyanide, Total	EPA 335.4 Rev. 1.0
	EPA 9012B
	ASTM D7511-09
Formaldehyde	EPA 8315A
Oil and Grease Total Recoverable (HEM)	EPA 1664A
	EPA 1664B
Organic Carbon, Total	SM 5310C-00,-11
	EPA 9060A
Perchlorate	EPA 6850
Phenols	EPA 420.4 Rev. 1.0

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Miscellaneous	
Phenols	EPA 9066
Silica, Dissolved	SM 4500-SiO2 C-97,-11
Specific Conductance	SM 2510B-97,-11
	EPA 9050A
Sulfide (as S)	SM 4500-S2- F-00,-11
	SM 4500-S2- D-00,-11
Surfactant (MBAS)	SM 5540C-00,-11
Turbidity	EPA 180.1 Rev. 2.0
Nitroaromatics and Isophorone	
1,3,5-Trinitrobenzene	EPA 8270D
	EPA 8330A
1,3-Dinitrobenzene	EPA 8270D
	EPA 8330A
1,4-Naphthoquinone	EPA 8270D
2,4,6-Trinitrotoluene	EPA 8330A
2,4-Dinitrotoluene	EPA 625
	EPA 8270D
	EPA 8330A
2,6-Dinitrotoluene	EPA 625
	EPA 8270D
	EPA 8330A
2-Amino-4,6-dinitrotoluene	EPA 8330A
	EPA 8330B
2-Nitrotoluene	EPA 8330A
3,5-Dinitroaniline	EPA 8330B

Nitroaromatics and Isophorone	
3-Nitrotoluene	EPA 8330A
4-Amino-2,6-dinitrotoluene	EPA 8330A
4-Nitrotoluene	EPA 8330A
Hexahydro-1,3,5-trinitro-1,3,5-triazine	EPA 8330A
Isophorone	EPA 625
	EPA 8270D
Methyl-2,4,6-trinitrophenylnitramine	EPA 8330A
Nitrobenzene	EPA 625
	EPA 8270D
	EPA 8330A
Nitroglycerine	EPA 8330B
Nitroquinoline-1-oxide	EPA 8270D
Octahydro-tetranitro-tetrazocine	EPA 8330A
Pentaerythritol tetranitrate	EPA 8330B
Nitrosoamines	
N-Nitrosodiethylamine	EPA 8270D
N-Nitrosodimethylamine	EPA 625
	EPA 8270D
N-Nitrosodi-n-butylamine	EPA 8270D
N-Nitrosodi-n-propylamine	EPA 625
	EPA 8270D
N-Nitrosodiphenylamine	EPA 625
	EPA 8270D
N-nitrosomethylethylamine	EPA 8270D
N-nitrosomorpholine	EPA 8270D

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CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DUANE LUCKENBILL
EUROFINS LANCASTER LABORATORIES
ENVIRONMENTAL LLC
2425 NEW HOLLAND PIKE
LANCASTER, PA 17601-5994

NY Lab Id No: 10670

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Nitrosoamines	
N-nitrosopiperidine	EPA 8270D
N-Nitrosopyrrolidine	EPA 8270D
Nutrient	
Ammonia (as N)	SM 4500-NH3 C-97,-11
	EPA 350.1 Rev. 2.0
	SM 4500-NH3 D or E-97,-11
Kjeldahl Nitrogen, Total	EPA 351.2 Rev. 2.0
Nitrate (as N)	EPA 353.2 Rev. 2.0
	EPA 300.0 Rev. 2.1
	EPA 9056A
Nitrate-Nitrite (as N)	EPA 353.2 Rev. 2.0
Nitrite (as N)	EPA 353.2 Rev. 2.0
	EPA 300.0 Rev. 2.1
	EPA 9056A
Orthophosphate (as P)	EPA 365.3 Rev. 1978
	SM 4500-P E-99,-11
Phosphorus, Total	EPA 365.1 Rev. 2.0
	SM 4500-P F-99,-11
Organophosphate Pesticides	
Atrazine	EPA 8141B
	EPA 8270D
Azinphos methyl	EPA 8141B
Chlorpyriphos	EPA 8141B
Demeton-O	EPA 8141B
Demeton-S	EPA 8141B

Organophosphate Pesticides	
Diazinon	EPA 8141B
Dimethoate	EPA 8270D
Disulfoton	EPA 8141B
	EPA 8270D
Famphur	EPA 8141B
	EPA 8270D
Malathion	EPA 8141B
Parathion ethyl	EPA 8141B
	EPA 8270D
Parathion methyl	EPA 8141B
	EPA 8270D
Phorate	EPA 8141B
	EPA 8270D
Simazine	EPA 8141B
Sulfotepp	EPA 8270D
Thionazin	EPA 8270D
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015D
	EPA 8015C
Gasoline Range Organics	EPA 8015D
	EPA 8015C
Phthalate Esters	
Benzyl butyl phthalate	EPA 625
	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 625

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Phthalate Esters	
Bis(2-ethylhexyl) phthalate	EPA 8270D
Diethyl phthalate	EPA 625
	EPA 8270D
Dimethyl phthalate	EPA 625
	EPA 8270D
Di-n-butyl phthalate	EPA 625
	EPA 8270D
Di-n-octyl phthalate	EPA 625
	EPA 8270D
Polychlorinated Biphenyls	
PCB 1	EPA 1668 A
PCB 10	EPA 1668 A
PCB 100	EPA 1668 A
PCB 101	EPA 1668 A
PCB 102	EPA 1668 A
PCB 103	EPA 1668 A
PCB 104	EPA 1668 A
PCB 105	EPA 1668 A
PCB 106	EPA 1668 A
PCB 107	EPA 1668 A
PCB 108	EPA 1668 A
PCB 109	EPA 1668 A
PCB 11	EPA 1668 A
PCB 110	EPA 1668 A
PCB 111	EPA 1668 A
Polychlorinated Biphenyls	
PCB 112	EPA 1668 A
PCB 113	EPA 1668 A
PCB 114	EPA 1668 A
PCB 115	EPA 1668 A
PCB 116	EPA 1668 A
PCB 117	EPA 1668 A
PCB 118	EPA 1668 A
PCB 119	EPA 1668 A
PCB 12	EPA 1668 A
PCB 120	EPA 1668 A
PCB 121	EPA 1668 A
PCB 122	EPA 1668 A
PCB 123	EPA 1668 A
PCB 124	EPA 1668 A
PCB 125	EPA 1668 A
PCB 126	EPA 1668 A
PCB 127	EPA 1668 A
PCB 128	EPA 1668 A
PCB 129	EPA 1668 A
PCB 13	EPA 1668 A
PCB 130	EPA 1668 A
PCB 131	EPA 1668 A
PCB 132	EPA 1668 A
PCB 133	EPA 1668 A
PCB 134	EPA 1668 A
PCB 135	EPA 1668 A

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Polychlorinated Biphenyls		Polychlorinated Biphenyls	
PCB 136	EPA 1668 A	PCB 16	EPA 1668 A
PCB 137	EPA 1668 A	PCB 160	EPA 1668 A
PCB 138	EPA 1668 A	PCB 161	EPA 1668 A
PCB 139	EPA 1668 A	PCB 162	EPA 1668 A
PCB 14	EPA 1668 A	PCB 163	EPA 1668 A
PCB 140	EPA 1668 A	PCB 164	EPA 1668 A
PCB 141	EPA 1668 A	PCB 165	EPA 1668 A
PCB 142	EPA 1668 A	PCB 166	EPA 1668 A
PCB 143	EPA 1668 A	PCB 167	EPA 1668 A
PCB 144	EPA 1668 A	PCB 168	EPA 1668 A
PCB 145	EPA 1668 A	PCB 169	EPA 1668 A
PCB 146	EPA 1668 A	PCB 17	EPA 1668 A
PCB 147	EPA 1668 A	PCB 170	EPA 1668 A
PCB 148	EPA 1668 A	PCB 171	EPA 1668 A
PCB 149	EPA 1668 A	PCB 172	EPA 1668 A
PCB 15	EPA 1668 A	PCB 173	EPA 1668 A
PCB 150	EPA 1668 A	PCB 174	EPA 1668 A
PCB 151	EPA 1668 A	PCB 175	EPA 1668 A
PCB 152	EPA 1668 A	PCB 176	EPA 1668 A
PCB 153	EPA 1668 A	PCB 177	EPA 1668 A
PCB 154	EPA 1668 A	PCB 178	EPA 1668 A
PCB 155	EPA 1668 A	PCB 179	EPA 1668 A
PCB 156	EPA 1668 A	PCB 18	EPA 1668 A
PCB 157	EPA 1668 A	PCB 180	EPA 1668 A
PCB 158	EPA 1668 A	PCB 181	EPA 1668 A
PCB 159	EPA 1668 A	PCB 182	EPA 1668 A

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Polychlorinated Biphenyls		Polychlorinated Biphenyls	
PCB 183	EPA 1668 A	PCB 206	EPA 1668 A
PCB 184	EPA 1668 A	PCB 207	EPA 1668 A
PCB 185	EPA 1668 A	PCB 208	EPA 1668 A
PCB 186	EPA 1668 A	PCB 209	EPA 1668 A
PCB 187	EPA 1668 A	PCB 21	EPA 1668 A
PCB 188	EPA 1668 A	PCB 22	EPA 1668 A
PCB 189	EPA 1668 A	PCB 23	EPA 1668 A
PCB 19	EPA 1668 A	PCB 24	EPA 1668 A
PCB 190	EPA 1668 A	PCB 25	EPA 1668 A
PCB 191	EPA 1668 A	PCB 26	EPA 1668 A
PCB 192	EPA 1668 A	PCB 27	EPA 1668 A
PCB 193	EPA 1668 A	PCB 28	EPA 1668 A
PCB 194	EPA 1668 A	PCB 29	EPA 1668 A
PCB 195	EPA 1668 A	PCB 3	EPA 1668 A
PCB 196	EPA 1668 A	PCB 30	EPA 1668 A
PCB 197	EPA 1668 A	PCB 31	EPA 1668 A
PCB 198	EPA 1668 A	PCB 32	EPA 1668 A
PCB 199	EPA 1668 A	PCB 33	EPA 1668 A
PCB 2	EPA 1668 A	PCB 34	EPA 1668 A
PCB 20	EPA 1668 A	PCB 35	EPA 1668 A
PCB 200	EPA 1668 A	PCB 36	EPA 1668 A
PCB 201	EPA 1668 A	PCB 37	EPA 1668 A
PCB 202	EPA 1668 A	PCB 38	EPA 1668 A
PCB 203	EPA 1668 A	PCB 39	EPA 1668 A
PCB 204	EPA 1668 A	PCB 4	EPA 1668 A
PCB 205	EPA 1668 A	PCB 40	EPA 1668 A

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Polychlorinated Biphenyls		Polychlorinated Biphenyls	
PCB 41	EPA 1668 A	PCB 65	EPA 1668 A
PCB 42	EPA 1668 A	PCB 66	EPA 1668 A
PCB 43	EPA 1668 A	PCB 67	EPA 1668 A
PCB 44	EPA 1668 A	PCB 68	EPA 1668 A
PCB 45	EPA 1668 A	PCB 69	EPA 1668 A
PCB 46	EPA 1668 A	PCB 7	EPA 1668 A
PCB 47	EPA 1668 A	PCB 70	EPA 1668 A
PCB 48	EPA 1668 A	PCB 71	EPA 1668 A
PCB 49	EPA 1668 A	PCB 72	EPA 1668 A
PCB 5	EPA 1668 A	PCB 73	EPA 1668 A
PCB 50	EPA 1668 A	PCB 74	EPA 1668 A
PCB 51	EPA 1668 A	PCB 75	EPA 1668 A
PCB 52	EPA 1668 A	PCB 76	EPA 1668 A
PCB 53	EPA 1668 A	PCB 77	EPA 1668 A
PCB 54	EPA 1668 A	PCB 78	EPA 1668 A
PCB 55	EPA 1668 A	PCB 79	EPA 1668 A
PCB 56	EPA 1668 A	PCB 8	EPA 1668 A
PCB 57	EPA 1668 A	PCB 80	EPA 1668 A
PCB 58	EPA 1668 A	PCB 81	EPA 1668 A
PCB 59	EPA 1668 A	PCB 82	EPA 1668 A
PCB 6	EPA 1668 A	PCB 83	EPA 1668 A
PCB 60	EPA 1668 A	PCB 84	EPA 1668 A
PCB 61	EPA 1668 A	PCB 85	EPA 1668 A
PCB 62	EPA 1668 A	PCB 86	EPA 1668 A
PCB 63	EPA 1668 A	PCB 87	EPA 1668 A
PCB 64	EPA 1668 A	PCB 88	EPA 1668 A

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Polychlorinated Biphenyls	
PCB 89	EPA 1668 A
PCB 9	EPA 1668 A
PCB 90	EPA 1668 A
PCB 91	EPA 1668 A
PCB 92	EPA 1668 A
PCB 93	EPA 1668 A
PCB 94	EPA 1668 A
PCB 95	EPA 1668 A
PCB 96	EPA 1668 A
PCB 97	EPA 1668 A
PCB 98	EPA 1668 A
PCB 99	EPA 1668 A
PCB-1016	EPA 8082A
	EPA 608
PCB-1221	EPA 8082A
	EPA 608
PCB-1232	EPA 8082A
	EPA 608
PCB-1242	EPA 8082A
	EPA 608
PCB-1248	EPA 8082A
	EPA 608
PCB-1254	EPA 8082A
	EPA 608
PCB-1260	EPA 8082A
	EPA 608
Polychlorinated Biphenyls	
PCB-1262	EPA 8082A
PCB-1268	EPA 8082A
Polynuclear Aromatics	
2-Acetylaminofluorene	EPA 8270D
3-Methylcholanthrene	EPA 8270D
7,12-Dimethylbenzyl (a) anthracene	EPA 8270D
Acenaphthene	EPA 625
	EPA 8270D
Acenaphthylene	EPA 625
	EPA 8270D
Anthracene	EPA 625
	EPA 8270D
Benzo(a)anthracene	EPA 625
	EPA 8270D
Benzo(a)pyrene	EPA 625
	EPA 8270D
Benzo(b)fluoranthene	EPA 625
	EPA 8270D
Benzo(ghi)perylene	EPA 625
	EPA 8270D
Benzo(k)fluoranthene	EPA 625
	EPA 8270D
Chrysene	EPA 625
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 625

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Polynuclear Aromatics	
Dibenzo(a,h)anthracene	EPA 8270D
Fluoranthene	EPA 625
	EPA 8270D
Fluorene	EPA 625
	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 625
	EPA 8270D
Naphthalene	EPA 625
	EPA 8270D
Phenanthrene	EPA 625
	EPA 8270D
Pyrene	EPA 625
	EPA 8270D
Priority Pollutant Phenols	
2,3,4,6 Tetrachlorophenol	EPA 8270D
2,4,5-Trichlorophenol	EPA 625
	EPA 8270D
2,4,6-Trichlorophenol	EPA 625
	EPA 8270D
2,4-Dichlorophenol	EPA 625
	EPA 8270D
2,4-Dimethylphenol	EPA 625
	EPA 8270D
2,4-Dinitrophenol	EPA 625
	EPA 8270D
Priority Pollutant Phenols	
2,6-Dichlorophenol	EPA 8270D
2-Chlorophenol	EPA 625
	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 625
	EPA 8270D
2-Methylphenol	EPA 625
	EPA 8270D
2-Nitrophenol	EPA 625
	EPA 8270D
3-Methylphenol	EPA 8270D
4-Chloro-3-methylphenol	EPA 625
	EPA 8270D
4-Methylphenol	EPA 8270D
4-Nitrophenol	EPA 625
	EPA 8270D
Pentachlorophenol	EPA 8151A
	EPA 625
	EPA 8270D
Phenol	EPA 625
	EPA 8270D
Residue	
Settleable Solids	SM 2540 F-97,-11
Solids, Total	SM 2540 B-97,-11
Solids, Total Dissolved	SM 2540 C-97,-11
Solids, Total Suspended	SM 2540 D-97,-11

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Semi-Volatile Organics	
1,1'-Biphenyl	EPA 8270D
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Methylnaphthalene	EPA 8270D
2-Picoline	EPA 8270D
4-Amino biphenyl	EPA 8270D
Acetophenone	EPA 625
	EPA 8270D
alpha-Terpineol	EPA 625
Aramite	EPA 8270D
Benzaldehyde	EPA 8270D
	EPA 8315A
Benzoic Acid	EPA 8270D
Benzyl alcohol	EPA 8270D
Caprolactam	EPA 8270D
Dibenzofuran	EPA 8270D
Ethyl methanesulfonate	EPA 8270D
Isosafrole	EPA 8270D
Methyl methanesulfonate	EPA 8270D
n-Decane	EPA 625
n-Octadecane	EPA 625
O,O,O-Triethyl phosphorothioate	EPA 8270D
p-Dimethylaminoazobenzene	EPA 8270D
Phenacetin	EPA 8270D
Safrole	EPA 8270D

Volatile Aromatics	
1,2,4-Trichlorobenzene, Volatile	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260C
1,2-Dichlorobenzene	EPA 8260C
	EPA 624
1,3,5-Trimethylbenzene	EPA 8260C
1,3-Dichlorobenzene	EPA 8260C
	EPA 624
1,4-Dichlorobenzene	EPA 8260C
	EPA 624
2-Chlorotoluene	EPA 8260C
4-Chlorotoluene	EPA 8260C
Benzene	EPA 8260C
	EPA 8021B
	EPA 624
	EPA 602
Bromobenzene	EPA 8260C
Chlorobenzene	EPA 8260C
	EPA 624
Ethyl benzene	EPA 8260C
	EPA 8021B
	EPA 624
	EPA 602
Isopropylbenzene	EPA 8260C
	EPA 8021B
m/p-Xylenes	EPA 8260C
	EPA 624

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Volatile Aromatics	
m/p-Xylenes	EPA 602
Naphthalene, Volatile	EPA 8260C
n-Butylbenzene	EPA 8260C
n-Propylbenzene	EPA 8260C
o-Xylene	EPA 8260C
	EPA 624
	EPA 602
p-Isopropyltoluene (P-Cymene)	EPA 8260C
sec-Butylbenzene	EPA 8260C
Styrene	EPA 8260C
	EPA 624
tert-Butylbenzene	EPA 8260C
Toluene	EPA 8260C
	EPA 8021B
	EPA 624
	EPA 602
Total Xylenes	EPA 8260C
	EPA 8021B
	EPA 624
	EPA 602
Volatile Chlorinated Organics	
Benzyl chloride	EPA 8260C
Epichlorohydrin	EPA 8260C
Volatile Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 8260C
Volatile Halocarbons	
1,1,1-Trichloroethane	EPA 8260C
	EPA 624
1,1,2,2-Tetrachloroethane	EPA 8260C
	EPA 624
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260C
1,1,2-Trichloroethane	EPA 8260C
	EPA 624
1,1-Dichloroethane	EPA 8260C
	EPA 624
1,1-Dichloroethene	EPA 8260C
	EPA 624
1,1-Dichloropropene	EPA 8260C
1,2,3-Trichloropropane	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260C
1,2-Dibromoethane	EPA 8260C
1,2-Dichloro-1,1,2-Trifluoroethane	EPA 8260C
1,2-Dichloroethane	EPA 8260C
	EPA 624
1,2-Dichloropropane	EPA 8260C
	EPA 624
1,3-Dichloropropane	EPA 8260C
2,2-Dichloropropane	EPA 8260C
2-Chloro-1,3-butadiene (Chloroprene)	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260C
	EPA 624
3-Chloropropene (Allyl chloride)	EPA 8260C

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Volatile Halocarbons	
Bromochloromethane	EPA 8260C
Bromodichloromethane	EPA 8260C
	EPA 624
Bromoform	EPA 8260C
	EPA 624
Bromomethane	EPA 8260C
	EPA 624
Carbon tetrachloride	EPA 8260C
	EPA 624
Chloroethane	EPA 8260C
	EPA 624
Chloroform	EPA 8260C
	EPA 624
Chloromethane	EPA 8260C
	EPA 624
cis-1,2-Dichloroethene	EPA 8260C
	EPA 624
cis-1,3-Dichloropropene	EPA 8260C
	EPA 624
Dibromochloromethane	EPA 8260C
	EPA 624
Dibromomethane	EPA 8260C
Dichlorodifluoromethane	EPA 8260C
	EPA 624
Hexachlorobutadiene, Volatile	EPA 8260C
Methyl iodide	EPA 8260C

Volatile Halocarbons	
Methylene chloride	EPA 8260C
	EPA 624
Tetrachloroethene	EPA 8260C
	EPA 624
trans-1,2-Dichloroethene	EPA 8260C
	EPA 624
trans-1,3-Dichloropropene	EPA 8260C
	EPA 624
trans-1,4-Dichloro-2-butene	EPA 8260C
Trichloroethene	EPA 8260C
	EPA 624
Trichlorofluoromethane	EPA 8260C
	EPA 624
Vinyl chloride	EPA 8260C
	EPA 624
Volatiles Organics	
1,4-Dioxane	EPA 8260C
2-Butanone (Methylethyl ketone)	EPA 8260C
2-Hexanone	EPA 8260C
2-Nitropropane	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260C
Acetone	EPA 8260C
Acetonitrile	EPA 8260C
Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260C

Serial No.: 53968

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DUANE LUCKENBILL
EUROFINS LANCASTER LABORATORIES
ENVIRONMENTAL LLC
2425 NEW HOLLAND PIKE
LANCASTER, PA 17601-5994

NY Lab Id No: 10670

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatiles Organics	
Di-ethyl ether	EPA 8260C
Ethyl Acetate	EPA 1666
	EPA 8260C
Ethylene Glycol	EPA 8015C
Isobutyl alcohol	EPA 8260C
	EPA 8015D
	EPA 8015C
Isobutyraldehyde	EPA 1666
Isopropanol	EPA 8260C
Isopropyl Acetate	EPA 1666
Methanol	EPA 8015D
	EPA 8015C
Methyl acetate	EPA 8260C
Methyl cyclohexane	EPA 8260C
Methyl formate	EPA 1666
n-Amyl Acetate	EPA 1666
n-Amyl alcohol	EPA 1666
n-Butanol	EPA 8260C
n-Butyl Acetate	EPA 1666
o-Toluidine	EPA 8270D
Tetrahydrofuran	EPA 1666
Vinyl acetate	EPA 8260C
	EPA 624

Sample Preparation Methods

	SM 4500-P B(5)-99,-11

Sample Preparation Methods

	EPA 5030C
	EPA 200.2
	EPA 3010A
	EPA 3005A
	EPA 3510C
	EPA 3520C
	EPA 3020A
	SM 4500-NH3 B-97,-11
	SM 4500-CN G-99,-11
	SM 4500-F B-97,-11

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Dissolved Gases

Acetylene	RSK-175

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All approved analytes are listed below:

Acrylates	
Acrolein (Propenal)	EPA 8260C
Acrylonitrile	EPA 8260C
Ethyl methacrylate	EPA 8260C
Methyl acrylonitrile	EPA 8260C
Methyl methacrylate	EPA 8260C
Amines	
1,2-Diphenylhydrazine	EPA 8270D
1,4-Phenylenediamine	EPA 8270D
1-Naphthylamine	EPA 8270D
2-Naphthylamine	EPA 8270D
2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4,4'-Methylenebis(2-chloroaniline)	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
5-Nitro-o-toluidine	EPA 8270D
a,a-Dimethylphenethylamine	EPA 8270D
Aniline	EPA 8270D
Carbazole	EPA 8270D
Diphenylamine	EPA 8270D
Methapyrilene	EPA 8270D
Pronamide	EPA 8270D
Benzidines	
3,3'-Dichlorobenzidine	EPA 8270D
3,3'-Dimethylbenzidine	EPA 8270D
Benzidines	
Benzidine	EPA 8270D
Carbamate Pesticides	
Aldicarb	EPA 8318A
Aldicarb Sulfone	EPA 8318A
Carbofuran	EPA 8318A
Characteristic Testing	
Corrosivity	EPA 9045D
Free Liquids	EPA 9095B
Ignitability	EPA 1010A
Synthetic Precipitation Leaching Proc.	EPA 1312
TCLP	EPA 1311
Chlorinated Hydrocarbon Pesticides	
2,4'-DDD (Mitotane)	EPA 8081B
4,4'-DDD	EPA 8081B
4,4'-DDE	EPA 8081B
4,4'-DDT	EPA 8081B
Aldrin	EPA 8081B
alpha-BHC	EPA 8081B
alpha-Chlordane	EPA 8081B
Atrazine	EPA 8270D
beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
Chlorobenzilate	EPA 8270D
delta-BHC	EPA 8081B

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Chlorinated Hydrocarbon Pesticides

Diallate	EPA 8270D
Dieldrin	EPA 8081B
Endosulfan I	EPA 8081B
Endosulfan II	EPA 8081B
Endosulfan sulfate	EPA 8081B
Endrin	EPA 8081B
Endrin aldehyde	EPA 8081B
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
Heptachlor epoxide	EPA 8081B
Isodrin	EPA 8270D
Kepone	EPA 8081B
	EPA 8270D
Lindane	EPA 8081B
Methoxychlor	EPA 8081B
Mirex	EPA 8081B
Pentachloronitrobenzene	EPA 8270D
Simazine	EPA 8141B
Toxaphene	EPA 8081B

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 8270D
1-Chloronaphthalene	EPA 8270D

Chlorinated Hydrocarbons

2-Chloronaphthalene	EPA 8270D
Hexachlorobenzene	EPA 8270D
Hexachlorobutadiene	EPA 8270D
Hexachlorocyclopentadiene	EPA 8270D
Hexachloroethane	EPA 8270D
Hexachloropropene	EPA 8270D
Pentachlorobenzene	EPA 8270D

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
2,4-DB	EPA 8151A
Dalapon	EPA 8151A
Dicamba	EPA 8151A
Dichloroprop	EPA 8151A
Dinoseb	EPA 8151A
MCPA	EPA 8151A
MCPP	EPA 8151A
Pentachlorophenol	EPA 8151A

Dioxins and Furans

1,2,3,4,6,7,8,9-Octachlorodibenzofuran	EPA 8290A
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-diox	EPA 8290A
1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 8290A
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	EPA 8290A
1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 8290A

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Dioxins and Furans

1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 8290A
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290A
1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 8290A
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 8290A
1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 8290A
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 8290A
1,2,3,7,8-Pentachlorodibenzofuran	EPA 8290A
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 8290A
2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 8290A
2,3,4,7,8-Pentachlorodibenzofuran	EPA 8290A
2,3,7,8-Tetrachlorodibenzofuran	EPA 8290A
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 8290A

Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 8270D
4-Bromophenylphenyl ether	EPA 8270D
4-Chlorophenylphenyl ether	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 8270D
Bis(2-chloroethyl)ether	EPA 8270D

Low Level Polynuclear Aromatic Hydrocarbons

Acenaphthene Low Level	EPA 8270D SIM
Acenaphthylene Low Level	EPA 8270D SIM
Anthracene Low Level	EPA 8270D SIM
Benzo(a)anthracene Low Level	EPA 8270D SIM
Benzo(a)pyrene Low Level	EPA 8270D SIM
Benzo(b)fluoranthene Low Level	EPA 8270D SIM

Low Level Polynuclear Aromatic Hydrocarbons

Benzo(g,h,i)perylene Low Level	EPA 8270D SIM
Benzo(k)fluoranthene Low Level	EPA 8270D SIM
Chrysene Low Level	EPA 8270D SIM
Dibenzo(a,h)anthracene Low Level	EPA 8270D SIM
Fluoranthene Low Level	EPA 8270D SIM
Fluorene Low Level	EPA 8270D SIM
Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D SIM
Naphthalene Low Level	EPA 8270D SIM
Phenanthrene Low Level	EPA 8270D SIM
Pyrene Low Level	EPA 8270D SIM

Metals I

Barium, Total	EPA 6010C
	EPA 6020A
Cadmium, Total	EPA 6010C
	EPA 6020A
Calcium, Total	EPA 6010C
	EPA 6020A
Chromium, Total	EPA 6010C
	EPA 6020A
Copper, Total	EPA 6010C
	EPA 6020A
Iron, Total	EPA 6010C
	EPA 6020A
Lead, Total	EPA 6010C
	EPA 6020A

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Metals I	
Magnesium, Total	EPA 6010C
	EPA 6020A
Manganese, Total	EPA 6010C
	EPA 6020A
Nickel, Total	EPA 6010C
	EPA 6020A
Potassium, Total	EPA 6010C
	EPA 6020A
Silver, Total	EPA 6010C
	EPA 6020A
Sodium, Total	EPA 6010C
	EPA 6020A
Strontium, Total	EPA 6010C
	EPA 6020A
Metals II	
Aluminum, Total	EPA 6010C
	EPA 6020A
Antimony, Total	EPA 6010C
	EPA 6020A
Arsenic, Total	EPA 6010C
	EPA 6020A
Beryllium, Total	EPA 6010C
	EPA 6020A
Chromium VI	EPA 7196A
	EPA 7199

Metals II	
Lithium, Total	EPA 6010C
Mercury, Total	EPA 7471B
Selenium, Total	EPA 6010C
	EPA 6020A
Vanadium, Total	EPA 6010C
	EPA 6020A
Zinc, Total	EPA 6010C
	EPA 6020A
Metals III	
Cobalt, Total	EPA 6010C
	EPA 6020A
Molybdenum, Total	EPA 6010C
	EPA 6020A
Silica, Dissolved	EPA 6010C
Thallium, Total	EPA 6010C
	EPA 6020A
Tin, Total	EPA 6010C
	EPA 6020A
Titanium, Total	EPA 6010C
	EPA 6020A
Miscellaneous	
Boron, Total	EPA 6010C
	EPA 6020A
Cyanide, Total	EPA 9012B
Formaldehyde	EPA 8315A

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Miscellaneous	
Organic Carbon, Total	Lloyd Kahn Method
	EPA 9060A
Perchlorate	EPA 6850
Phenols	EPA 9066
Specific Conductance	EPA 9050A
Nitroaromatics and Isophorone	
1,2-Dinitrobenzene	EPA 8270D
1,3,5-Trinitrobenzene	EPA 8270D
	EPA 8330A
1,3-Dinitrobenzene	EPA 8270D
	EPA 8330A
1,4-Dinitrobenzene	EPA 8270D
1,4-Naphthoquinone	EPA 8270D
2,4,6-Trinitrotoluene	EPA 8330A
	EPA 8330B
2,4-Dinitrotoluene	EPA 8270D
	EPA 8330A
	EPA 8330B
2,6-Dinitrotoluene	EPA 8270D
	EPA 8330A
	EPA 8330B
2-Amino-4,6-dinitrotoluene	EPA 8330A
2-Nitrotoluene	EPA 8330A
3,5-Dinitroaniline	EPA 8330B
3-Nitrotoluene	EPA 8330A

Nitroaromatics and Isophorone	
4-Amino-2,6-dinitrotoluene	EPA 8330A
4-Dimethylaminoazobenzene	EPA 8270D
4-Nitrotoluene	EPA 8330A
Hexahydro-1,3,5-trinitro-1,3,5-triazine	EPA 8330A
Isophorone	EPA 8270D
Methyl-2,4,6-trinitrophenylnitramine	EPA 8330A
Nitrobenzene	EPA 8270D
	EPA 8330A
Nitroglycerine	EPA 8330B
Nitroquinoline-1-oxide	EPA 8270D
Octahydro-tetranitro-tetrazocine	EPA 8330A
Pentaerythritol tetranitrate	EPA 8330B
Pyridine	EPA 8270D
Nitrosoamines	
N-Nitrosodiethylamine	EPA 8270D
N-Nitrosodimethylamine	EPA 8270D
N-Nitrosodi-n-butylamine	EPA 8270D
N-Nitrosodi-n-propylamine	EPA 8270D
N-Nitrosodiphenylamine	EPA 8270D
N-nitrosomethylethylamine	EPA 8270D
N-nitrosomorpholine	EPA 8270D
N-nitrosopiperidine	EPA 8270D
N-Nitrosopyrrolidine	EPA 8270D
Organophosphate Pesticides	
Azinphos methyl	EPA 8141B

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Organophosphate Pesticides	
Bolstar	EPA 8141B
Carbophenothion	EPA 8141B
Chlorpyriphos	EPA 8141B
Coumaphos	EPA 8141B
Demeton-O	EPA 8141B
Demeton-S	EPA 8141B
Diazinon	EPA 8141B
Dichlorvos	EPA 8141B
Dimethoate	EPA 8270D
Disulfoton	EPA 8141B
	EPA 8270D
EPN	EPA 8141B
Ethion	EPA 8141B
Ethoprop	EPA 8141B
Famphur	EPA 8141B
	EPA 8270D
Fensulfothion	EPA 8141B
Fenthion	EPA 8141B
Malathion	EPA 8141B
Mevinphos	EPA 8141B
NALED	EPA 8141B
Parathion ethyl	EPA 8141B
	EPA 8270D
Parathion methyl	EPA 8141B
	EPA 8270D
Phorate	EPA 8141B

Organophosphate Pesticides	
Phorate	EPA 8270D
Ronnel	EPA 8141B
Sulfotepp	EPA 8270D
Thionazin	EPA 8270D
Tokuthion	EPA 8141B
Trichloronate	EPA 8141B
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015D
	EPA 8015C
Gasoline Range Organics	EPA 8015D
	EPA 8015C
Oil and Grease Total Recoverable (HEM)	EPA 9071B (Solvent:Hexane)
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 8270D
Diethyl phthalate	EPA 8270D
Dimethyl phthalate	EPA 8270D
Di-n-butyl phthalate	EPA 8270D
Di-n-octyl phthalate	EPA 8270D
Polychlorinated Biphenyls	
PCB 1	EPA 1668 A
PCB 10	EPA 1668 A
PCB 100	EPA 1668 A
PCB 101	EPA 1668 A

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Polychlorinated Biphenyls		Polychlorinated Biphenyls	
PCB 102	EPA 1668 A	PCB 126	EPA 1668 A
PCB 103	EPA 1668 A	PCB 127	EPA 1668 A
PCB 104	EPA 1668 A	PCB 128	EPA 1668 A
PCB 105	EPA 1668 A	PCB 129	EPA 1668 A
PCB 106	EPA 1668 A	PCB 13	EPA 1668 A
PCB 107	EPA 1668 A	PCB 130	EPA 1668 A
PCB 108	EPA 1668 A	PCB 131	EPA 1668 A
PCB 109	EPA 1668 A	PCB 132	EPA 1668 A
PCB 11	EPA 1668 A	PCB 133	EPA 1668 A
PCB 110	EPA 1668 A	PCB 134	EPA 1668 A
PCB 111	EPA 1668 A	PCB 135	EPA 1668 A
PCB 112	EPA 1668 A	PCB 136	EPA 1668 A
PCB 113	EPA 1668 A	PCB 138	EPA 1668 A
PCB 114	EPA 1668 A	PCB 139	EPA 1668 A
PCB 115	EPA 1668 A	PCB 14	EPA 1668 A
PCB 116	EPA 1668 A	PCB 140	EPA 1668 A
PCB 117	EPA 1668 A	PCB 141	EPA 1668 A
PCB 118	EPA 1668 A	PCB 142	EPA 1668 A
PCB 119	EPA 1668 A	PCB 143	EPA 1668 A
PCB 12	EPA 1668 A	PCB 144	EPA 1668 A
PCB 120	EPA 1668 A	PCB 145	EPA 1668 A
PCB 121	EPA 1668 A	PCB 146	EPA 1668 A
PCB 122	EPA 1668 A	PCB 147	EPA 1668 A
PCB 123	EPA 1668 A	PCB 148	EPA 1668 A
PCB 124	EPA 1668 A	PCB 149	EPA 1668 A
PCB 125	EPA 1668 A	PCB 15	EPA 1668 A

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Polychlorinated Biphenyls		Polychlorinated Biphenyls	
PCB 150	EPA 1668 A	PCB 174	EPA 1668 A
PCB 151	EPA 1668 A	PCB 175	EPA 1668 A
PCB 152	EPA 1668 A	PCB 176	EPA 1668 A
PCB 153	EPA 1668 A	PCB 177	EPA 1668 A
PCB 154	EPA 1668 A	PCB 178	EPA 1668 A
PCB 155	EPA 1668 A	PCB 179	EPA 1668 A
PCB 156	EPA 1668 A	PCB 18	EPA 1668 A
PCB 157	EPA 1668 A	PCB 180	EPA 1668 A
PCB 158	EPA 1668 A	PCB 181	EPA 1668 A
PCB 159	EPA 1668 A	PCB 182	EPA 1668 A
PCB 16	EPA 1668 A	PCB 183	EPA 1668 A
PCB 160	EPA 1668 A	PCB 184	EPA 1668 A
PCB 161	EPA 1668 A	PCB 185	EPA 1668 A
PCB 162	EPA 1668 A	PCB 186	EPA 1668 A
PCB 163	EPA 1668 A	PCB 187	EPA 1668 A
PCB 164	EPA 1668 A	PCB 188	EPA 1668 A
PCB 165	EPA 1668 A	PCB 189	EPA 1668 A
PCB 166	EPA 1668 A	PCB 19	EPA 1668 A
PCB 167	EPA 1668 A	PCB 190	EPA 1668 A
PCB 168	EPA 1668 A	PCB 191	EPA 1668 A
PCB 169	EPA 1668 A	PCB 192	EPA 1668 A
PCB 17	EPA 1668 A	PCB 193	EPA 1668 A
PCB 170	EPA 1668 A	PCB 194	EPA 1668 A
PCB 171	EPA 1668 A	PCB 195	EPA 1668 A
PCB 172	EPA 1668 A	PCB 196	EPA 1668 A
PCB 173	EPA 1668 A	PCB 197	EPA 1668 A

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Polychlorinated Biphenyls		Polychlorinated Biphenyls	
PCB 198	EPA 1668 A	PCB 32	EPA 1668 A
PCB 199	EPA 1668 A	PCB 33	EPA 1668 A
PCB 2	EPA 1668 A	PCB 34	EPA 1668 A
PCB 20	EPA 1668 A	PCB 35	EPA 1668 A
PCB 200	EPA 1668 A	PCB 36	EPA 1668 A
PCB 201	EPA 1668 A	PCB 37	EPA 1668 A
PCB 202	EPA 1668 A	PCB 38	EPA 1668 A
PCB 203	EPA 1668 A	PCB 39	EPA 1668 A
PCB 204	EPA 1668 A	PCB 4	EPA 1668 A
PCB 205	EPA 1668 A	PCB 40	EPA 1668 A
PCB 206	EPA 1668 A	PCB 41	EPA 1668 A
PCB 207	EPA 1668 A	PCB 42	EPA 1668 A
PCB 208	EPA 1668 A	PCB 43	EPA 1668 A
PCB 209	EPA 1668 A	PCB 44	EPA 1668 A
PCB 21	EPA 1668 A	PCB 45	EPA 1668 A
PCB 22	EPA 1668 A	PCB 46	EPA 1668 A
PCB 23	EPA 1668 A	PCB 47	EPA 1668 A
PCB 24	EPA 1668 A	PCB 48	EPA 1668 A
PCB 25	EPA 1668 A	PCB 49	EPA 1668 A
PCB 26	EPA 1668 A	PCB 5	EPA 1668 A
PCB 27	EPA 1668 A	PCB 50	EPA 1668 A
PCB 28	EPA 1668 A	PCB 51	EPA 1668 A
PCB 29	EPA 1668 A	PCB 52	EPA 1668 A
PCB 3	EPA 1668 A	PCB 53	EPA 1668 A
PCB 30	EPA 1668 A	PCB 54	EPA 1668 A
PCB 31	EPA 1668 A	PCB 55	EPA 1668 A

Serial No.: 53970

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2017
Issued April 01, 2016

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DUANE LUCKENBILL
EUROFINS LANCASTER LABORATORIES
ENVIRONMENTAL LLC
2425 NEW HOLLAND PIKE
LANCASTER, PA 17601-5994

NY Lab Id No: 10670

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Polychlorinated Biphenyls		Polychlorinated Biphenyls	
PCB 56	EPA 1668 A	PCB 8	EPA 1668 A
PCB 57	EPA 1668 A	PCB 80	EPA 1668 A
PCB 58	EPA 1668 A	PCB 81	EPA 1668 A
PCB 59	EPA 1668 A	PCB 82	EPA 1668 A
PCB 6	EPA 1668 A	PCB 83	EPA 1668 A
PCB 60	EPA 1668 A	PCB 84	EPA 1668 A
PCB 61	EPA 1668 A	PCB 85	EPA 1668 A
PCB 62	EPA 1668 A	PCB 86	EPA 1668 A
PCB 63	EPA 1668 A	PCB 87	EPA 1668 A
PCB 64	EPA 1668 A	PCB 88	EPA 1668 A
PCB 65	EPA 1668 A	PCB 89	EPA 1668 A
PCB 66	EPA 1668 A	PCB 9	EPA 1668 A
PCB 67	EPA 1668 A	PCB 90	EPA 1668 A
PCB 68	EPA 1668 A	PCB 91	EPA 1668 A
PCB 69	EPA 1668 A	PCB 92	EPA 1668 A
PCB 7	EPA 1668 A	PCB 93	EPA 1668 A
PCB 70	EPA 1668 A	PCB 94	EPA 1668 A
PCB 71	EPA 1668 A	PCB 95	EPA 1668 A
PCB 72	EPA 1668 A	PCB 96	EPA 1668 A
PCB 73	EPA 1668 A	PCB 97	EPA 1668 A
PCB 74	EPA 1668 A	PCB 98	EPA 1668 A
PCB 75	EPA 1668 A	PCB 99	EPA 1668 A
PCB 76	EPA 1668 A	PCB-1016	EPA 8082A
PCB 77	EPA 1668 A	PCB-1221	EPA 8082A
PCB 78	EPA 1668 A	PCB-1232	EPA 8082A
PCB 79	EPA 1668 A	PCB-1242	EPA 8082A

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Polychlorinated Biphenyls	
PCB-1248	EPA 8082A
PCB-1254	EPA 8082A
PCB-1260	EPA 8082A
PCB-1262	EPA 8082A
PCB-1268	EPA 8082A
Polynuclear Aromatic Hydrocarbons	
2-Acetylaminofluorene	EPA 8270D
3-Methylcholanthrene	EPA 8270D
7,12-Dimethylbenzyl (a) anthracene	EPA 8270D
Acenaphthene	EPA 8270D
Acenaphthylene	EPA 8270D
Anthracene	EPA 8270D
Benzo(a)anthracene	EPA 8270D
Benzo(a)pyrene	EPA 8270D
Benzo(b)fluoranthene	EPA 8270D
Benzo(ghi)perylene	EPA 8270D
Benzo(k)fluoranthene	EPA 8270D
Chrysene	EPA 8270D
Dibenzo(a,h)anthracene	EPA 8270D
Dibenzo(a,j)acridine	EPA 8270D
Fluoranthene	EPA 8270D
Fluorene	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 8270D
Naphthalene	EPA 8270D
Phenanthrene	EPA 8270D
Polynuclear Aromatic Hydrocarbons	
Pyrene	EPA 8270D
Priority Pollutant Phenols	
2,3,4,6 Tetrachlorophenol	EPA 8270D
2,4,5-Trichlorophenol	EPA 8270D
2,4,6-Trichlorophenol	EPA 8270D
2,4-Dichlorophenol	EPA 8270D
2,4-Dimethylphenol	EPA 8270D
2,4-Dinitrophenol	EPA 8270D
2,6-Dichlorophenol	EPA 8270D
2-Chlorophenol	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 8270D
2-Methylphenol	EPA 8270D
2-Nitrophenol	EPA 8270D
3-Methylphenol	EPA 8270D
4-Chloro-3-methylphenol	EPA 8270D
4-Methylphenol	EPA 8270D
4-Nitrophenol	EPA 8270D
Pentachlorophenol	EPA 8270D
Phenol	EPA 8270D
Semi-Volatile Organics	
1,1'-Biphenyl	EPA 8270D
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Methylnaphthalene	EPA 8270D

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All approved analytes are listed below:

Semi-Volatile Organics	
2-Picoline	EPA 8270D
4-Amino biphenyl	EPA 8270D
Acetophenone	EPA 8270D
Aramite	EPA 8270D
Benzaldehyde	EPA 8270D
	EPA 8315A
Benzoic Acid	EPA 8270D
Benzyl alcohol	EPA 8270D
Caprolactam	EPA 8270D
Dibenzofuran	EPA 8270D
Ethyl methanesulfonate	EPA 8270D
Isosafrole	EPA 8270D
Methyl methanesulfonate	EPA 8270D
O,O,O-Triethyl phosphorothioate	EPA 8270D
Phenacetin	EPA 8270D
Safrole	EPA 8270D
Volatile Aromatics	
1,2,4-Trichlorobenzene, Volatile	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260C
1,2-Dichlorobenzene	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260C
1,3-Dichlorobenzene	EPA 8260C
1,4-Dichlorobenzene	EPA 8260C
2-Chlorotoluene	EPA 8260C
4-Chlorotoluene	EPA 8260C

Volatile Aromatics	
Benzene	EPA 8260C
	EPA 8021B
Bromobenzene	EPA 8260C
Chlorobenzene	EPA 8260C
Ethyl benzene	EPA 8260C
	EPA 8021B
Isopropylbenzene	EPA 8260C
	EPA 8021B
m/p-Xylenes	EPA 8260C
Naphthalene, Volatile	EPA 8260C
	EPA 8021B
n-Butylbenzene	EPA 8260C
n-Propylbenzene	EPA 8260C
o-Xylene	EPA 8260C
	EPA 8021B
p-Isopropyltoluene (P-Cymene)	EPA 8260C
sec-Butylbenzene	EPA 8260C
Styrene	EPA 8260C
tert-Butylbenzene	EPA 8260C
Toluene	EPA 8260C
	EPA 8021B
Total Xylenes	EPA 8260C
	EPA 8021B
Volatile Chlorinated Organics	
Benzyl chloride	EPA 8260C

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Volatile Chlorinated Organics	
Epichlorohydrin	EPA 8260C
Volatile Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 8260C
1,1,1-Trichloroethane	EPA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260C
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260C
1,1,2-Trichloroethane	EPA 8260C
1,1-Dichloroethane	EPA 8260C
1,1-Dichloroethene	EPA 8260C
1,1-Dichloropropene	EPA 8260C
1,2,3-Trichloropropane	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260C
1,2-Dibromoethane	EPA 8260C
1,2-Dichloroethane	EPA 8260C
1,2-Dichloropropane	EPA 8260C
1,3-Dichloropropane	EPA 8260C
2,2-Dichloropropane	EPA 8260C
2-Chloro-1,3-butadiene (Chloroprene)	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260C
3-Chloropropene (Allyl chloride)	EPA 8260C
Bromochloromethane	EPA 8260C
Bromodichloromethane	EPA 8260C
Bromoform	EPA 8260C
Bromomethane	EPA 8260C
Carbon tetrachloride	EPA 8260C

Volatile Halocarbons	
Chloroethane	EPA 8260C
Chloroform	EPA 8260C
Chloromethane	EPA 8260C
cis-1,2-Dichloroethene	EPA 8260C
cis-1,3-Dichloropropene	EPA 8260C
Dibromochloromethane	EPA 8260C
Dibromomethane	EPA 8260C
Dichlorodifluoromethane	EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260C
Methyl iodide	EPA 8260C
Methylene chloride	EPA 8260C
Tetrachloroethene	EPA 8260C
trans-1,2-Dichloroethene	EPA 8260C
trans-1,3-Dichloropropene	EPA 8260C
trans-1,4-Dichloro-2-butene	EPA 8260C
Trichloroethene	EPA 8260C
Trichlorofluoromethane	EPA 8260C
Vinyl chloride	EPA 8260C
Volatile Organics	
1,4-Dioxane	EPA 8260C
2-Butanone (Methylethyl ketone)	EPA 8260C
2-Hexanone	EPA 8260C
2-Nitropropane	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260C
Acetone	EPA 8260C

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All approved analytes are listed below:

Volatile Organics	
Acetonitrile	EPA 8260C
Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260C
Ethyl Acetate	EPA 8260C
Ethylene Glycol	EPA 8015C
Isobutyl alcohol	EPA 8260C
Isopropanol	EPA 8260C
Methyl acetate	EPA 8260C
Methyl cyclohexane	EPA 8260C
Methyl tert-butyl ether	EPA 8260C
	EPA 8021B
n-Butanol	EPA 8260C
o-Toluidine	EPA 8270D
Propionitrile	EPA 8260C
tert-butyl alcohol	EPA 8260C
Vinyl acetate	EPA 8260C

Sample Preparation Methods

EPA 5035A-L
EPA 5035A-H
EPA 3010A
EPA 3005A
EPA 3050B
EPA 3550C
EPA 3540C
EPA 3020A

Sample Preparation Methods

EPA 3546
EPA 5035
EPA 3060A

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All approved analytes are listed below:

Acrylates	
Acetonitrile	EPA TO-15
Acrylonitrile	EPA TO-15
Ethyl acrylate	EPA TO-15
Methyl methacrylate	EPA TO-15
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA TO-14A
	EPA TO-15
Hexachlorobutadiene	EPA TO-14A
	EPA TO-15
Hexachloroethane	EPA TO-15
Polynuclear Aromatics	
Naphthalene	EPA TO-15
Purgeable Aromatics	
1,2,4-Trimethylbenzene	EPA TO-14A
	EPA TO-15
1,2-Dichlorobenzene	EPA TO-14A
	EPA TO-15
1,3,5-Trimethylbenzene	EPA TO-14A
	EPA TO-15
1,3-Dichlorobenzene	EPA TO-14A
	EPA TO-15
1,4-Dichlorobenzene	EPA TO-14A
	EPA TO-15
2-Chlorotoluene	EPA TO-15

Purgeable Aromatics	
Benzene	EPA TO-14A
	EPA TO-15
Chlorobenzene	EPA TO-14A
	EPA TO-15
Ethyl benzene	EPA TO-14A
	EPA TO-15
Isopropylbenzene	EPA TO-15
m/p-Xylenes	EPA TO-15
o-Xylene	EPA TO-15
Styrene	EPA TO-14A
	EPA TO-15
Toluene	EPA TO-14A
	EPA TO-15
Total Xylenes	EPA TO-14A
	EPA TO-15
Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA TO-14A
	EPA TO-15
1,1,2,2-Tetrachloroethane	EPA TO-14A
	EPA TO-15
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-14A
	EPA TO-15
1,1,2-Trichloroethane	EPA TO-14A
	EPA TO-15
1,1-Dichloroethane	EPA TO-14A

Serial No.: 53971

NEW YORK STATE DEPARTMENT OF HEALTH
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All approved analytes are listed below:

Purgeable Halocarbons	
1,1-Dichloroethane	EPA TO-15
1,1-Dichloroethene	EPA TO-14A
	EPA TO-15
1,2-Dibromo-3-chloropropane	EPA TO-15
1,2-Dibromoethane	EPA TO-14A
	EPA TO-15
1,2-Dichloroethane	EPA TO-14A
	EPA TO-15
1,2-Dichloropropane	EPA TO-14A
	EPA TO-15
3-Chloropropene (Allyl chloride)	EPA TO-15
Bromodichloromethane	EPA TO-14A
	EPA TO-15
Bromoform	EPA TO-15
Bromomethane	EPA TO-14A
	EPA TO-15
Carbon tetrachloride	EPA TO-14A
	EPA TO-15
Chloroethane	EPA TO-14A
	EPA TO-15
Chloroform	EPA TO-14A
	EPA TO-15
Chloromethane	EPA TO-14A
	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-14A
	EPA TO-15

Purgeable Halocarbons	
cis-1,3-Dichloropropene	EPA TO-14A
	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-14A
	EPA TO-15
Methylene chloride	EPA TO-14A
	EPA TO-15
Tetrachloroethene	EPA TO-14A
	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-14A
	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-14A
	EPA TO-15
Trichloroethene	EPA TO-14A
	EPA TO-15
Trichlorofluoromethane	EPA TO-14A
	EPA TO-15
Vinyl bromide	EPA TO-15
Vinyl chloride	EPA TO-14A
	EPA TO-15
Volatile Chlorinated Organics	
Benzyl chloride	EPA TO-14A
	EPA TO-15
Volatile Organics	
1,2-Dichlorotetrafluoroethane	EPA TO-14A

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Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15
1,3-Butadiene	EPA TO-15
1,4-Dioxane	EPA TO-15
2,2,4-Trimethylpentane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetone	EPA TO-15
Acrolein (Propenal)	EPA TO-15
Carbon Disulfide	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Methyl iodide	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
n-Heptane	EPA TO-15
tert-butyl alcohol	EPA TO-15
Vinyl acetate	EPA TO-15

Serial No.: 53971

State of Utah

Department of Health

Environmental Laboratory Certification Program

Certification is hereby granted to

Eurofins Calscience, Inc.

7440 Lincoln Way
Garden Grove, CA 92841-01427

Has conformed with the
2009 TNI Standard
Scope of accreditation is limited to the
State of Utah accredited fields that accompany
this Certificate

EPA Number: CA00111
Expiration Date: 10/31/2015
Certificate Number: CA001112014-4

FOR ROBYN ATKINSON-DUNN

Robyn M. Atkinson, Ph.D, HCLD
Director, Utah Public Health Laboratory

NELAP RECOGNIZED TNI ACCREDITATION BODY

Continued accredited status depends on successful ongoing participation in the program.

UTAH DEPARTMENT OF HEALTH

State of Utah
Gary R Herbert
Governor
Gregory S Bell
Lieutenant Governor

Utah Department of Health
W. David Patton Ph.D
Executive Director

Division of Disease Control and Prevention
Robyn M. Atkinson, Ph.D, HCLD
Director, Utah Public Health Laboratory

EPA Number: *CA00111* **Attachment to Certificate Number: CA001112014-4**

Eurofins Calscience, Inc.

Program/Matrix: *RCRA (Air & Emissions)*

Method EPA TO-15	Start Date	Expires	AB
1,1,1-Trichloroethane	10/1/2014	10/31/2015	NY
1,1,2,2-Tetrachloroethane	10/1/2014	10/31/2015	NY
1,1,2-Trichloro-1,2,2-trifluoroethane	10/1/2014	10/31/2015	NY
1,1,2-Trichloroethane	10/1/2014	10/31/2015	NY
1,1-Dichloroethane	10/1/2014	10/31/2015	NY
1,1-Dichloroethylene	10/1/2014	10/31/2015	NY
1,2,4-Trichlorobenzene	10/1/2014	10/31/2015	NY
1,2,4-Trimethylbenzene	10/1/2014	10/31/2015	NY
1,2-Dibromoethane (EDB, Ethylene dibromide)	10/1/2014	10/31/2015	NY
1,2-Dichlorobenzene (o-Dichlorobenzene)	10/1/2014	10/31/2015	NY
1,2-Dichloroethane (Ethylene dichloride)	10/1/2014	10/31/2015	NY
1,2-Dichloropropane	10/1/2014	10/31/2015	NY
1,3,5-Trimethylbenzene	10/1/2014	10/31/2015	NY
1,3-Butadiene	10/1/2014	10/31/2015	NY
1,3-Dichlorobenzene	10/1/2014	10/31/2015	NY
1,4-Dichlorobenzene	10/1/2014	10/31/2015	NY
1,4-Dioxane (1,4- Diethyleneoxide)	10/1/2014	10/31/2015	NY
2-Butanone (Methyl ethyl ketone, MEK)	10/1/2014	10/31/2015	NY
4-Methyl-2-pentanone (MIBK)	10/1/2014	10/31/2015	NY
Acetone	10/1/2014	10/31/2015	NY
Benzene	10/1/2014	10/31/2015	NY
Benzyl chloride	10/1/2014	10/31/2015	NY
Bromodichloromethane	10/1/2014	10/31/2015	NY
Bromoform	10/1/2014	10/31/2015	NY
Carbon disulfide	10/1/2014	10/31/2015	NY
Carbon tetrachloride	10/1/2014	10/31/2015	NY
Chlorobenzene	10/1/2014	10/31/2015	NY
Chloroethane (Ethyl chloride)	10/1/2014	10/31/2015	NY
Chloroform	10/1/2014	10/31/2015	NY
cis-1,2-Dichloroethylene	10/1/2014	10/31/2015	NY
cis-1,3-Dichloropropene	10/1/2014	10/31/2015	NY
Dichlorodifluoromethane (Freon-12)	10/1/2014	10/31/2015	NY
Ethylbenzene	10/1/2014	10/31/2015	NY
Hexachlorobutadiene	10/1/2014	10/31/2015	NY
Methyl bromide (Bromomethane)	10/1/2014	10/31/2015	NY

Eurofins Calscience, Inc.

	Start Date	Expires	AB
Program/Matrix: ***RCRA (Air & Emissions)***			
Methyl chloride (Chloromethane)	10/1/2014	10/31/2015	NY
Methyl tert-butyl ether (MTBE)	10/1/2014	10/31/2015	NY
Methylene chloride (Dichloromethane)	10/1/2014	10/31/2015	NY
n-Hexane	10/1/2014	10/31/2015	NY
Styrene	10/1/2014	10/31/2015	NY
Tetrachloroethylene (Perchloroethylene)	10/1/2014	10/31/2015	NY
Toluene	10/1/2014	10/31/2015	NY
trans-1,2-Dichloroethylene	10/1/2014	10/31/2015	NY
trans-1,3-Dichloropropylene	10/1/2014	10/31/2015	NY
Trichloroethene (Trichloroethylene)	10/1/2014	10/31/2015	NY
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	10/1/2014	10/31/2015	NY
Vinyl acetate	10/1/2014	10/31/2015	NY
Vinyl chloride	10/1/2014	10/31/2015	NY
Xylene (total)	10/1/2014	10/31/2015	NY

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Non Potable Water)***			
Method EPA 1010A			
Ignitability	10/1/2014	10/31/2015	OR
Method EPA 1311			
Toxicity Characteristic Leaching Procedure Metals	10/1/2014	10/31/2015	OR
Toxicity Characteristic Leaching Procedure Semi-Volatiles	10/1/2014	10/31/2015	OR
Toxicity Characteristic Leaching Procedure Volatiles	10/1/2014	10/31/2015	OR
Method EPA 1312			
Preparation/Extraction	10/1/2014	10/31/2015	OR
Method EPA 1664A			
Oil & Grease	10/1/2014	10/31/2015	OR
Method EPA 6010B			
Antimony	10/1/2014	10/31/2015	OR
Arsenic	10/1/2014	10/31/2015	OR
Beryllium	10/1/2014	10/31/2015	OR
Cadmium	10/1/2014	10/31/2015	OR
Chromium	10/1/2014	10/31/2015	OR
Cobalt	10/1/2014	10/31/2015	OR
Copper	10/1/2014	10/31/2015	OR
Lead	10/1/2014	10/31/2015	OR
Molybdenum	10/1/2014	10/31/2015	OR
Nickel	10/1/2014	10/31/2015	OR
Selenium	10/1/2014	10/31/2015	OR
Silver	10/1/2014	10/31/2015	OR
Thallium	10/1/2014	10/31/2015	OR
Vanadium	10/1/2014	10/31/2015	OR
Zinc	10/1/2014	10/31/2015	OR
Method EPA 6020			
Antimony	10/1/2014	10/31/2015	OR
Arsenic	10/1/2014	10/31/2015	OR
Barium	10/1/2014	10/31/2015	OR
Beryllium	10/1/2014	10/31/2015	OR
Cadmium	10/1/2014	10/31/2015	OR
Chromium	10/1/2014	10/31/2015	OR
Cobalt	10/1/2014	10/31/2015	OR
Copper	10/1/2014	10/31/2015	OR
Lead	10/1/2014	10/31/2015	OR
Molybdenum	10/1/2014	10/31/2015	OR
Nickel	10/1/2014	10/31/2015	OR
Selenium	10/1/2014	10/31/2015	OR
Silver	10/1/2014	10/31/2015	OR
Thallium	10/1/2014	10/31/2015	OR
Vanadium	10/1/2014	10/31/2015	OR
Zinc	10/1/2014	10/31/2015	OR
Method EPA 7196A			
Chromium VI	10/1/2014	10/31/2015	OR
Method EPA 7420			
Lead	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Non Potable Water)***			
Method EPA 7470			
Mercury	10/1/2014	10/31/2015	OR
Method EPA 8015B			
Diesel range organics (DRO)	10/1/2014	10/31/2015	OR
Ethanol	10/1/2014	10/31/2015	OR
Gasoline range organics (GRO)	10/1/2014	10/31/2015	OR
Isobutyl alcohol (2-Methyl-1-propanol)	10/1/2014	10/31/2015	OR
Isopropyl alcohol (2-Propanol, Isopropanol)	10/1/2014	10/31/2015	OR
Methanol	10/1/2014	10/31/2015	OR
Method EPA 8081A			
4,4'-DDD	10/1/2014	10/31/2015	OR
4,4'-DDE	10/1/2014	10/31/2015	OR
4,4'-DDT	10/1/2014	10/31/2015	OR
Aldrin	10/1/2014	10/31/2015	OR
alpha-BHC (alpha-Hexachlorocyclohexane)	10/1/2014	10/31/2015	OR
alpha-Chlordane	10/1/2014	10/31/2015	OR
beta-BHC (beta-Hexachlorocyclohexane)	10/1/2014	10/31/2015	OR
Captafol	10/1/2014	10/31/2015	OR
Chlordane (tech.)	10/1/2014	10/31/2015	OR
Chlorobenzilate	10/1/2014	10/31/2015	OR
Chloroneb	10/1/2014	10/31/2015	OR
Chlorothalonil	10/1/2014	10/31/2015	OR
delta-BHC	10/1/2014	10/31/2015	OR
Dieldrin	10/1/2014	10/31/2015	OR
Endosulfan I	10/1/2014	10/31/2015	OR
Endosulfan II	10/1/2014	10/31/2015	OR
Endosulfan sulfate	10/1/2014	10/31/2015	OR
Endrin	10/1/2014	10/31/2015	OR
Endrin aldehyde	10/1/2014	10/31/2015	OR
Endrin ketone	10/1/2014	10/31/2015	OR
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	10/1/2014	10/31/2015	OR
gamma-Chlordane	10/1/2014	10/31/2015	OR
Heptachlor	10/1/2014	10/31/2015	OR
Heptachlor epoxide	10/1/2014	10/31/2015	OR
Hexachlorobenzene	10/1/2014	10/31/2015	OR
Methoxychlor	10/1/2014	10/31/2015	OR
Toxaphene (Chlorinated camphene)	10/1/2014	10/31/2015	OR
Trifluralin (Treflan)	10/1/2014	10/31/2015	OR
Method EPA 8082			
Aroclor-1016 (PCB-1016)	10/1/2014	10/31/2015	OR
Aroclor-1221 (PCB-1221)	10/1/2014	10/31/2015	OR
Aroclor-1232 (PCB-1232)	10/1/2014	10/31/2015	OR
Aroclor-1242 (PCB-1242)	10/1/2014	10/31/2015	OR
Aroclor-1248 (PCB-1248)	10/1/2014	10/31/2015	OR
Aroclor-1254 (PCB-1254)	10/1/2014	10/31/2015	OR
Aroclor-1260 (PCB-1260)	10/1/2014	10/31/2015	OR
PCBs	10/1/2014	10/31/2015	OR

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Program/Matrix: ***RCRA (Non Potable Water)***

	Start Date	Expires	AB
Method EPA 8141A			
Azinphos-methyl (Guthion)	10/1/2014	10/31/2015	OR
Carbophenothion	10/1/2014	10/31/2015	OR
Chlorpyrifos	10/1/2014	10/31/2015	OR
Chlorpyrifos-methyl	10/1/2014	10/31/2015	OR
Demeton-o	10/1/2014	10/31/2015	OR
Demeton-s	10/1/2014	10/31/2015	OR
Diazinon	10/1/2014	10/31/2015	OR
Famphur	10/1/2014	10/31/2015	OR
Malathion	10/1/2014	10/31/2015	OR
Methyl parathion (Parathion, methyl)	10/1/2014	10/31/2015	OR
Mevinphos	10/1/2014	10/31/2015	OR
Naled	10/1/2014	10/31/2015	OR
Parathion, ethyl	10/1/2014	10/31/2015	OR
Phorate	10/1/2014	10/31/2015	OR
Ronnel	10/1/2014	10/31/2015	OR
Simazine	10/1/2014	10/31/2015	OR
Sulfotepp	10/1/2014	10/31/2015	OR
Method EPA 8151A			
2,4,5-T	10/1/2014	10/31/2015	OR
2,4-D	10/1/2014	10/31/2015	OR
2,4-DB	10/1/2014	10/31/2015	OR
4-Nitrophenol	10/1/2014	10/31/2015	OR
Dalapon	10/1/2014	10/31/2015	OR
Dicamba	10/1/2014	10/31/2015	OR
Dichloroprop (Dichlorprop)	10/1/2014	10/31/2015	OR
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	10/1/2014	10/31/2015	OR
MCPA	10/1/2014	10/31/2015	OR
MCPP	10/1/2014	10/31/2015	OR
Silvex (2,4,5-TP)	10/1/2014	10/31/2015	OR
Method EPA 8260B			
1,1,1,2-Tetrachloroethane	10/1/2014	10/31/2015	OR
1,1,1-Trichloroethane	10/1/2014	10/31/2015	OR
1,1,2,2-Tetrachloroethane	10/1/2014	10/31/2015	OR
1,1,2-Trichloroethane	10/1/2014	10/31/2015	OR
1,1-Dichloroethane	10/1/2014	10/31/2015	OR
1,1-Dichloroethylene	10/1/2014	10/31/2015	OR
1,1-Dichloropropene	10/1/2014	10/31/2015	OR
1,2,3,4-Diepoxybutane	10/1/2014	10/31/2015	OR
1,2,3-Trichlorobenzene	10/1/2014	10/31/2015	OR
1,2,3-Trichloropropane	10/1/2014	10/31/2015	OR
1,2,4-Trichlorobenzene	10/1/2014	10/31/2015	OR
1,2,4-Trimethylbenzene	10/1/2014	10/31/2015	OR
1,2-Dibromoethane (EDB, Ethylene dibromide)	10/1/2014	10/31/2015	OR
1,2-Dichlorobenzene (o-Dichlorobenzene)	10/1/2014	10/31/2015	OR
1,2-Dichloroethane (Ethylene dichloride)	10/1/2014	10/31/2015	OR
1,2-Dichloropropane	10/1/2014	10/31/2015	OR
1,3,5-Trimethylbenzene	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Non Potable Water)***			
1,3-Dichloro-2-propanol	10/1/2014	10/31/2015	OR
1,3-Dichlorobenzene	10/1/2014	10/31/2015	OR
1,3-Dichloropropane	10/1/2014	10/31/2015	OR
1,4-Dichlorobenzene	10/1/2014	10/31/2015	OR
1,4-Dioxane (1,4- Diethyleneoxide)	10/1/2014	10/31/2015	OR
2,2-Dichloropropane	10/1/2014	10/31/2015	OR
2-Butanone (Methyl ethyl ketone, MEK)	10/1/2014	10/31/2015	OR
2-Chloroethyl vinyl ether	10/1/2014	10/31/2015	OR
2-Chlorotoluene	10/1/2014	10/31/2015	OR
2-Hexanone	10/1/2014	10/31/2015	OR
2-Methylaniline (o-Toluidine)	10/1/2014	10/31/2015	OR
2-Nitropropane	10/1/2014	10/31/2015	OR
2-Picoline (2-Methylpyridine)	10/1/2014	10/31/2015	OR
3-Chloropropionitrile	10/1/2014	10/31/2015	OR
4-Chlorotoluene	10/1/2014	10/31/2015	OR
4-Methyl-2-pentanone (MIBK)	10/1/2014	10/31/2015	OR
Acetone	10/1/2014	10/31/2015	OR
Acetonitrile	10/1/2014	10/31/2015	OR
Acrolein (Propenal)	10/1/2014	10/31/2015	OR
Acrylonitrile	10/1/2014	10/31/2015	OR
Allyl alcohol	10/1/2014	10/31/2015	OR
Allyl chloride (3-Chloropropene)	10/1/2014	10/31/2015	OR
Benzene	10/1/2014	10/31/2015	OR
Bromoacetone	10/1/2014	10/31/2015	OR
Bromobenzene	10/1/2014	10/31/2015	OR
Bromochloromethane	10/1/2014	10/31/2015	OR
Bromodichloromethane	10/1/2014	10/31/2015	OR
Bromoform	10/1/2014	10/31/2015	OR
Carbon disulfide	10/1/2014	10/31/2015	OR
Carbon tetrachloride	10/1/2014	10/31/2015	OR
Chloral hydrate	10/1/2014	10/31/2015	OR
Chlorobenzene	10/1/2014	10/31/2015	OR
Chlorodibromomethane	10/1/2014	10/31/2015	OR
Chloroethane (Ethyl chloride)	10/1/2014	10/31/2015	OR
Chloroform	10/1/2014	10/31/2015	OR
Chloroprene (2-Chloro-1,3-butadiene)	10/1/2014	10/31/2015	OR
cis-1,2-Dichloroethylene	10/1/2014	10/31/2015	OR
cis-1,3-Dichloropropene	10/1/2014	10/31/2015	OR
cis-1,4-Dichloro-2-butene	10/1/2014	10/31/2015	OR
Crotonaldehyde	10/1/2014	10/31/2015	OR
Dibromofluoromethane	10/1/2014	10/31/2015	OR
Epichlorohydrin (1-Chloro-2,3-epoxypropane)	10/1/2014	10/31/2015	OR
Ethyl acetate	10/1/2014	10/31/2015	OR
Ethyl methacrylate	10/1/2014	10/31/2015	OR
Ethylbenzene	10/1/2014	10/31/2015	OR
Ethylene oxide	10/1/2014	10/31/2015	OR
Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	10/1/2014	10/31/2015	OR
Hexachlorobutadiene	10/1/2014	10/31/2015	OR
Hexachloroethane	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Non Potable Water)***			
Iodomethane (Methyl iodide)	10/1/2014	10/31/2015	OR
Isobutyl alcohol (2-Methyl-1-propanol)	10/1/2014	10/31/2015	OR
Isopropylbenzene	10/1/2014	10/31/2015	OR
Malononitrile	10/1/2014	10/31/2015	OR
Methacrylonitrile	10/1/2014	10/31/2015	OR
Methanol	10/1/2014	10/31/2015	OR
Methyl bromide (Bromomethane)	10/1/2014	10/31/2015	OR
Methyl chloride (Chloromethane)	10/1/2014	10/31/2015	OR
Methyl methacrylate	10/1/2014	10/31/2015	OR
Methyl tert-butyl ether (MTBE)	10/1/2014	10/31/2015	OR
Methylene chloride (Dichloromethane)	10/1/2014	10/31/2015	OR
Naphthalene	10/1/2014	10/31/2015	OR
n-Butyl alcohol (1-Butanol, n-Butanol)	10/1/2014	10/31/2015	OR
n-Butylbenzene	10/1/2014	10/31/2015	OR
Nitrobenzene	10/1/2014	10/31/2015	OR
n-Nitroso-di-n-butylamine	10/1/2014	10/31/2015	OR
n-Propylamine	10/1/2014	10/31/2015	OR
n-Propylbenzene	10/1/2014	10/31/2015	OR
Paraldehyde	10/1/2014	10/31/2015	OR
Pentachloroethane	10/1/2014	10/31/2015	OR
Pentafluorobenzene	10/1/2014	10/31/2015	OR
Propargyl alcohol	10/1/2014	10/31/2015	OR
Propionitrile (Ethyl cyanide)	10/1/2014	10/31/2015	OR
Pyridine	10/1/2014	10/31/2015	OR
sec-Butylbenzene	10/1/2014	10/31/2015	OR
Styrene	10/1/2014	10/31/2015	OR
T-amylmethylether (TAME)	10/1/2014	10/31/2015	OR
tert-Butyl alcohol	10/1/2014	10/31/2015	OR
tert-Butylbenzene	10/1/2014	10/31/2015	OR
Tetrachloroethylene (Perchloroethylene)	10/1/2014	10/31/2015	OR
Toluene	10/1/2014	10/31/2015	OR
trans-1,2-Dichloroethylene	10/1/2014	10/31/2015	OR
trans-1,3-Dichloropropylene	10/1/2014	10/31/2015	OR
trans-1,4-Dichloro-2-butene	10/1/2014	10/31/2015	OR
Trichloroethene (Trichloroethylene)	10/1/2014	10/31/2015	OR
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	10/1/2014	10/31/2015	OR
Vinyl acetate	10/1/2014	10/31/2015	OR
Vinyl chloride	10/1/2014	10/31/2015	OR
Xylene (total)	10/1/2014	10/31/2015	OR
Method EPA 8270C			
1,2,4,5-Tetrachlorobenzene	10/1/2014	10/31/2015	OR
1,2,4-Trichlorobenzene	10/1/2014	10/31/2015	OR
1,2-Dichlorobenzene (o-Dichlorobenzene)	10/1/2014	10/31/2015	OR
1,2-Dinitrobenzene	10/1/2014	10/31/2015	OR
1,2-Diphenylhydrazine	10/1/2014	10/31/2015	OR
1,3-Dichlorobenzene	10/1/2014	10/31/2015	OR
1,3-Dinitrobenzene (1,3-DNB)	10/1/2014	10/31/2015	OR
1,4-Dichlorobenzene	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: *RCRA (Non Potable Water)*			
1,4-Dinitrobenzene	10/1/2014	10/31/2015	OR
1,4-Naphthoquinone	10/1/2014	10/31/2015	OR
1,4-Phenylenediamine	10/1/2014	10/31/2015	OR
1-Acetyl-2-thiourea	10/1/2014	10/31/2015	OR
1-Chloronaphthalene	10/1/2014	10/31/2015	OR
1-Naphthylamine	10/1/2014	10/31/2015	OR
2,3,4,6-Tetrachlorophenol	10/1/2014	10/31/2015	OR
2,4,5-Trichlorophenol	10/1/2014	10/31/2015	OR
2,4,6-Trichlorophenol	10/1/2014	10/31/2015	OR
2,4-Dichlorophenol	10/1/2014	10/31/2015	OR
2,4-Dimethylphenol	10/1/2014	10/31/2015	OR
2,4-Dinitrophenol	10/1/2014	10/31/2015	OR
2,4-Dinitrotoluene (2,4-DNT)	10/1/2014	10/31/2015	OR
2,4-Toluene diisocyanate	10/1/2014	10/31/2015	OR
2,6-Dichlorophenol	10/1/2014	10/31/2015	OR
2,6-Dinitrotoluene (2,6-DNT)	10/1/2014	10/31/2015	OR
2-Acetylaminofluorene	10/1/2014	10/31/2015	OR
2-Chloronaphthalene	10/1/2014	10/31/2015	OR
2-Chlorophenol	10/1/2014	10/31/2015	OR
2-Cyclohexyl-4,6-dinitrophenol	10/1/2014	10/31/2015	OR
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	10/1/2014	10/31/2015	OR
2-Methylaniline (o-Toluidine)	10/1/2014	10/31/2015	OR
2-Methylnaphthalene	10/1/2014	10/31/2015	OR
2-Methylphenol (o-Cresol)	10/1/2014	10/31/2015	OR
2-Nitroaniline	10/1/2014	10/31/2015	OR
2-Nitrophenol	10/1/2014	10/31/2015	OR
2-Picoline (2-Methylpyridine)	10/1/2014	10/31/2015	OR
3,3'-Dimethoxybenzidine	10/1/2014	10/31/2015	OR
3-Methylcholanthrene	10/1/2014	10/31/2015	OR
3-Methylphenol (m-Cresol)	10/1/2014	10/31/2015	OR
3-Nitroaniline	10/1/2014	10/31/2015	OR
4-Aminobiphenyl	10/1/2014	10/31/2015	OR
4-Bromophenyl phenyl ether	10/1/2014	10/31/2015	OR
4-Chloro-3-methylphenol	10/1/2014	10/31/2015	OR
4-Chloroaniline	10/1/2014	10/31/2015	OR
4-Chlorophenyl phenylether	10/1/2014	10/31/2015	OR
4-Dimethyl aminoazobenzene	10/1/2014	10/31/2015	OR
4-Methylphenol (p-Cresol)	10/1/2014	10/31/2015	OR
4-Nitrophenol	10/1/2014	10/31/2015	OR
5-Nitro-o-toluidine	10/1/2014	10/31/2015	OR
7,12-Dimethylbenz(a) anthracene	10/1/2014	10/31/2015	OR
a-a-Dimethylphenethylamine	10/1/2014	10/31/2015	OR
Acenaphthene	10/1/2014	10/31/2015	OR
Acenaphthylene	10/1/2014	10/31/2015	OR
Acetophenone	10/1/2014	10/31/2015	OR
Aniline	10/1/2014	10/31/2015	OR
Anthracene	10/1/2014	10/31/2015	OR
Aramite	10/1/2014	10/31/2015	OR
Benzidine	10/1/2014	10/31/2015	OR

	Start Date	Expires	AB
Program/Matrix: *RCRA (Non Potable Water)*			
Benzo(a)anthracene	10/1/2014	10/31/2015	OR
Benzo(a)pyrene	10/1/2014	10/31/2015	OR
Benzo(b)fluoranthene	10/1/2014	10/31/2015	OR
Benzo(g,h,i)perylene	10/1/2014	10/31/2015	OR
Benzo(k)fluoranthene	10/1/2014	10/31/2015	OR
Benzoic acid	10/1/2014	10/31/2015	OR
Benzyl alcohol	10/1/2014	10/31/2015	OR
bis(2-Chloroethoxy)methane	10/1/2014	10/31/2015	OR
bis(2-Chloroethyl) ether	10/1/2014	10/31/2015	OR
bis(2-Chloroisopropyl) ether	10/1/2014	10/31/2015	OR
Butyl benzyl phthalate	10/1/2014	10/31/2015	OR
Carbazole	10/1/2014	10/31/2015	OR
Chrysene	10/1/2014	10/31/2015	OR
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	10/1/2014	10/31/2015	OR
Dibenz(a, j) acridine	10/1/2014	10/31/2015	OR
Dibenz(a,h) anthracene	10/1/2014	10/31/2015	OR
Dibenzo(a,e) pyrene	10/1/2014	10/31/2015	OR
Dibenzofuran	10/1/2014	10/31/2015	OR
Diethyl phthalate	10/1/2014	10/31/2015	OR
Diethyl sulfate	10/1/2014	10/31/2015	OR
Diethylstilbestrol	10/1/2014	10/31/2015	OR
Dihydrosafrole	10/1/2014	10/31/2015	OR
Di-n-butyl phthalate	10/1/2014	10/31/2015	OR
Di-n-octyl phthalate	10/1/2014	10/31/2015	OR
Diphenylamine	10/1/2014	10/31/2015	OR
Ethyl carbamate (Urethane)	10/1/2014	10/31/2015	OR
Ethyl methanesulfonate	10/1/2014	10/31/2015	OR
Fluoranthene	10/1/2014	10/31/2015	OR
Fluorene	10/1/2014	10/31/2015	OR
Hexachlorobenzene	10/1/2014	10/31/2015	OR
Hexachlorobutadiene	10/1/2014	10/31/2015	OR
Hexachlorocyclopentadiene	10/1/2014	10/31/2015	OR
Hexachloroethane	10/1/2014	10/31/2015	OR
Hexachlorophene	10/1/2014	10/31/2015	OR
Hexachloropropene	10/1/2014	10/31/2015	OR
Indeno(1,2,3-cd) pyrene	10/1/2014	10/31/2015	OR
Isophorone	10/1/2014	10/31/2015	OR
Isosafrole	10/1/2014	10/31/2015	OR
Maleic anhydride	10/1/2014	10/31/2015	OR
Methyl methanesulfonate	10/1/2014	10/31/2015	OR
Naphthalene	10/1/2014	10/31/2015	OR
Nicotine	10/1/2014	10/31/2015	OR
Nitrobenzene	10/1/2014	10/31/2015	OR
n-Nitrosodiethylamine	10/1/2014	10/31/2015	OR
n-Nitrosodimethylamine	10/1/2014	10/31/2015	OR
n-Nitroso-di-n-butylamine	10/1/2014	10/31/2015	OR
n-Nitrosodi-n-propylamine	10/1/2014	10/31/2015	OR
n-Nitrosodiphenylamine	10/1/2014	10/31/2015	OR
n-Nitrosomethylethalamine	10/1/2014	10/31/2015	OR

	Start Date	Expires	AB
Program/Matrix: *RCRA (Non Potable Water)*			
n-Nitrosomorpholine	10/1/2014	10/31/2015	OR
n-Nitrosopiperidine	10/1/2014	10/31/2015	OR
n-Nitrosopyrrolidine	10/1/2014	10/31/2015	OR
p-Benzoquinone (Quinone)	10/1/2014	10/31/2015	OR
Pentachloronitrobenzene	10/1/2014	10/31/2015	OR
Pentachlorophenol	10/1/2014	10/31/2015	OR
Phenacetin	10/1/2014	10/31/2015	OR
Phenanthrene	10/1/2014	10/31/2015	OR
Phenol	10/1/2014	10/31/2015	OR
Pronamide (Kerb)	10/1/2014	10/31/2015	OR
Propylthiouracil	10/1/2014	10/31/2015	OR
Pyrene	10/1/2014	10/31/2015	OR
Pyridine	10/1/2014	10/31/2015	OR
Resorcinol	10/1/2014	10/31/2015	OR
Safrole	10/1/2014	10/31/2015	OR
Strychnine	10/1/2014	10/31/2015	OR
Thiophenol (Benzenethiol)	10/1/2014	10/31/2015	OR
Method EPA 8310			
Acenaphthene	10/1/2014	10/31/2015	OR
Acenaphthylene	10/1/2014	10/31/2015	OR
Anthracene	10/1/2014	10/31/2015	OR
Benzo(a)anthracene	10/1/2014	10/31/2015	OR
Benzo(a)pyrene	10/1/2014	10/31/2015	OR
Benzo(b)fluoranthene	10/1/2014	10/31/2015	OR
Benzo(g,h,i)perylene	10/1/2014	10/31/2015	OR
Benzo(k)fluoranthene	10/1/2014	10/31/2015	OR
Chrysene	10/1/2014	10/31/2015	OR
Dibenz(a,h) anthracene	10/1/2014	10/31/2015	OR
Fluoranthene	10/1/2014	10/31/2015	OR
Fluorene	10/1/2014	10/31/2015	OR
Indeno(1,2,3-cd) pyrene	10/1/2014	10/31/2015	OR
Naphthalene	10/1/2014	10/31/2015	OR
Phenanthrene	10/1/2014	10/31/2015	OR
Pyrene	10/1/2014	10/31/2015	OR
Method EPA 8330			
1,3,5-Trinitrobenzene (1,3,5-TNB)	10/1/2014	10/31/2015	OR
1,3-Dinitrobenzene (1,3-DNB)	10/1/2014	10/31/2015	OR
2,4,6-Trinitrotoluene (2,4,6-TNT)	10/1/2014	10/31/2015	OR
2,4-Dinitrotoluene (2,4-DNT)	10/1/2014	10/31/2015	OR
2,6-Dinitrotoluene (2,6-DNT)	10/1/2014	10/31/2015	OR
2-Amino-4,6-dinitrotoluene (2-am-dnt)	10/1/2014	10/31/2015	OR
2-Nitrotoluene	10/1/2014	10/31/2015	OR
3-Nitrotoluene	10/1/2014	10/31/2015	OR
4-Amino-2,6-dinitrotoluene (4-am-dnt)	10/1/2014	10/31/2015	OR
4-Nitrotoluene	10/1/2014	10/31/2015	OR
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	10/1/2014	10/31/2015	OR
Nitrobenzene	10/1/2014	10/31/2015	OR
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Non Potable Water)***			
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	10/1/2014	10/31/2015	OR
Method EPA 9040B			
pH	10/1/2014	10/31/2015	OR
Method EPA 9056			
Fluoride	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***			
Method EPA 1010A			
Ignitability	10/1/2014	10/31/2015	OR
Method EPA 1110A			
Corrosivity toward steel	10/1/2014	10/31/2015	OR
Method EPA 1311			
Toxicity Characteristic Leaching Procedure Metals	10/1/2014	10/31/2015	OR
Toxicity Characteristic Leaching Procedure Semi-Volatiles	10/1/2014	10/31/2015	OR
Toxicity Characteristic Leaching Procedure Volatiles	10/1/2014	10/31/2015	OR
Method EPA 1312			
Preparation/Extraction	10/1/2014	10/31/2015	OR
Method EPA 6010B			
Antimony	10/1/2014	10/31/2015	OR
Arsenic	10/1/2014	10/31/2015	OR
Beryllium	10/1/2014	10/31/2015	OR
Cadmium	10/1/2014	10/31/2015	OR
Chromium	10/1/2014	10/31/2015	OR
Cobalt	10/1/2014	10/31/2015	OR
Copper	10/1/2014	10/31/2015	OR
Lead	10/1/2014	10/31/2015	OR
Molybdenum	10/1/2014	10/31/2015	OR
Nickel	10/1/2014	10/31/2015	OR
Selenium	10/1/2014	10/31/2015	OR
Silver	10/1/2014	10/31/2015	OR
Thallium	10/1/2014	10/31/2015	OR
Vanadium	10/1/2014	10/31/2015	OR
Zinc	10/1/2014	10/31/2015	OR
Method EPA 6020			
Antimony	10/1/2014	10/31/2015	OR
Arsenic	10/1/2014	10/31/2015	OR
Barium	10/1/2014	10/31/2015	OR
Beryllium	10/1/2014	10/31/2015	OR
Cadmium	10/1/2014	10/31/2015	OR
Chromium	10/1/2014	10/31/2015	OR
Cobalt	10/1/2014	10/31/2015	OR
Copper	10/1/2014	10/31/2015	OR
Lead	10/1/2014	10/31/2015	OR
Molybdenum	10/1/2014	10/31/2015	OR
Nickel	10/1/2014	10/31/2015	OR
Selenium	10/1/2014	10/31/2015	OR
Silver	10/1/2014	10/31/2015	OR
Thallium	10/1/2014	10/31/2015	OR
Vanadium	10/1/2014	10/31/2015	OR
Zinc	10/1/2014	10/31/2015	OR
Method EPA 7196A			
Chromium VI	10/1/2014	10/31/2015	OR
Method EPA 7420			
Lead	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***			
Method EPA 7470			
Mercury	10/1/2014	10/31/2015	OR
Method EPA 7471A			
Mercury	10/1/2014	10/31/2015	OR
Method EPA 8015B			
Diesel range organics (DRO)	10/1/2014	10/31/2015	OR
Ethanol	10/1/2014	10/31/2015	OR
Gasoline range organics (GRO)	10/1/2014	10/31/2015	OR
Isobutyl alcohol (2-Methyl-1-propanol)	10/1/2014	10/31/2015	OR
Isopropyl alcohol (2-Propanol, Isopropanol)	10/1/2014	10/31/2015	OR
Methanol	10/1/2014	10/31/2015	OR
Method EPA 8081A			
4,4'-DDD	10/1/2014	10/31/2015	OR
4,4'-DDE	10/1/2014	10/31/2015	OR
4,4'-DDT	10/1/2014	10/31/2015	OR
Aldrin	10/1/2014	10/31/2015	OR
alpha-BHC (alpha-Hexachlorocyclohexane)	10/1/2014	10/31/2015	OR
alpha-Chlordane	10/1/2014	10/31/2015	OR
beta-BHC (beta-Hexachlorocyclohexane)	10/1/2014	10/31/2015	OR
Captafol	10/1/2014	10/31/2015	OR
Chlordane (tech.)	10/1/2014	10/31/2015	OR
Chlorobenzilate	10/1/2014	10/31/2015	OR
Chloroneb	10/1/2014	10/31/2015	OR
Chlorothalonil	10/1/2014	10/31/2015	OR
delta-BHC	10/1/2014	10/31/2015	OR
Dieldrin	10/1/2014	10/31/2015	OR
Endosulfan I	10/1/2014	10/31/2015	OR
Endosulfan II	10/1/2014	10/31/2015	OR
Endosulfan sulfate	10/1/2014	10/31/2015	OR
Endrin	10/1/2014	10/31/2015	OR
Endrin aldehyde	10/1/2014	10/31/2015	OR
Endrin ketone	10/1/2014	10/31/2015	OR
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	10/1/2014	10/31/2015	OR
gamma-Chlordane	10/1/2014	10/31/2015	OR
Heptachlor	10/1/2014	10/31/2015	OR
Heptachlor epoxide	10/1/2014	10/31/2015	OR
Hexachlorobenzene	10/1/2014	10/31/2015	OR
Methoxychlor	10/1/2014	10/31/2015	OR
Toxaphene (Chlorinated camphene)	10/1/2014	10/31/2015	OR
Trifluralin (Treflan)	10/1/2014	10/31/2015	OR
Method EPA 8082			
Aroclor-1016 (PCB-1016)	10/1/2014	10/31/2015	OR
Aroclor-1221 (PCB-1221)	10/1/2014	10/31/2015	OR
Aroclor-1232 (PCB-1232)	10/1/2014	10/31/2015	OR
Aroclor-1242 (PCB-1242)	10/1/2014	10/31/2015	OR
Aroclor-1248 (PCB-1248)	10/1/2014	10/31/2015	OR
Aroclor-1254 (PCB-1254)	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: *RCRA (Solid & Hazardous Material)*			
Aroclor-1260 (PCB-1260)	10/1/2014	10/31/2015	OR
PCBs	10/1/2014	10/31/2015	OR
Method EPA 8141A			
Azinphos-methyl (Guthion)	10/1/2014	10/31/2015	OR
Carbophenothion	10/1/2014	10/31/2015	OR
Chlorpyrifos	10/1/2014	10/31/2015	OR
Chlorpyrifos-methyl	10/1/2014	10/31/2015	OR
Demeton-o	10/1/2014	10/31/2015	OR
Demeton-s	10/1/2014	10/31/2015	OR
Diazinon	10/1/2014	10/31/2015	OR
Famphur	10/1/2014	10/31/2015	OR
Malathion	10/1/2014	10/31/2015	OR
Methyl parathion (Parathion, methyl)	10/1/2014	10/31/2015	OR
Mevinphos	10/1/2014	10/31/2015	OR
Naled	10/1/2014	10/31/2015	OR
Parathion, ethyl	10/1/2014	10/31/2015	OR
Phorate	10/1/2014	10/31/2015	OR
Ronnel	10/1/2014	10/31/2015	OR
Simazine	10/1/2014	10/31/2015	OR
Sulfotepp	10/1/2014	10/31/2015	OR
Method EPA 8151A			
2,4,5-T	10/1/2014	10/31/2015	OR
2,4-D	10/1/2014	10/31/2015	OR
2,4-DB	10/1/2014	10/31/2015	OR
4-Nitrophenol	10/1/2014	10/31/2015	OR
Dalapon	10/1/2014	10/31/2015	OR
Dicamba	10/1/2014	10/31/2015	OR
Dichloroprop (Dichlorprop)	10/1/2014	10/31/2015	OR
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	10/1/2014	10/31/2015	OR
MCPA	10/1/2014	10/31/2015	OR
MCPP	10/1/2014	10/31/2015	OR
Silvex (2,4,5-TP)	10/1/2014	10/31/2015	OR
Method EPA 8260B			
1,1,1,2-Tetrachloroethane	10/1/2014	10/31/2015	OR
1,1,1-Trichloroethane	10/1/2014	10/31/2015	OR
1,1,2,2-Tetrachloroethane	10/1/2014	10/31/2015	OR
1,1,2-Trichloroethane	10/1/2014	10/31/2015	OR
1,1-Dichloroethane	10/1/2014	10/31/2015	OR
1,1-Dichloroethylene	10/1/2014	10/31/2015	OR
1,1-Dichloropropene	10/1/2014	10/31/2015	OR
1,2,3,4-Diepoxybutane	10/1/2014	10/31/2015	OR
1,2,3-Trichlorobenzene	10/1/2014	10/31/2015	OR
1,2,3-Trichloropropane	10/1/2014	10/31/2015	OR
1,2,4-Trichlorobenzene	10/1/2014	10/31/2015	OR
1,2,4-Trimethylbenzene	10/1/2014	10/31/2015	OR
1,2-Dibromoethane (EDB, Ethylene dibromide)	10/1/2014	10/31/2015	OR
1,2-Dichlorobenzene (o-Dichlorobenzene)	10/1/2014	10/31/2015	OR
1,2-Dichloroethane (Ethylene dichloride)	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***			
1,2-Dichloropropane	10/1/2014	10/31/2015	OR
1,3,5-Trimethylbenzene	10/1/2014	10/31/2015	OR
1,3-Dichloro-2-propanol	10/1/2014	10/31/2015	OR
1,3-Dichlorobenzene	10/1/2014	10/31/2015	OR
1,3-Dichloropropane	10/1/2014	10/31/2015	OR
1,4-Dichlorobenzene	10/1/2014	10/31/2015	OR
1,4-Dioxane (1,4- Diethyleneoxide)	10/1/2014	10/31/2015	OR
2,2-Dichloropropane	10/1/2014	10/31/2015	OR
2-Butanone (Methyl ethyl ketone, MEK)	10/1/2014	10/31/2015	OR
2-Chloroethyl vinyl ether	10/1/2014	10/31/2015	OR
2-Chlorotoluene	10/1/2014	10/31/2015	OR
2-Hexanone	10/1/2014	10/31/2015	OR
2-Methylaniline (o-Toluidine)	10/1/2014	10/31/2015	OR
2-Nitropropane	10/1/2014	10/31/2015	OR
2-Picoline (2-Methylpyridine)	10/1/2014	10/31/2015	OR
3-Chloropropionitrile	10/1/2014	10/31/2015	OR
4-Chlorotoluene	10/1/2014	10/31/2015	OR
4-Methyl-2-pentanone (MIBK)	10/1/2014	10/31/2015	OR
Acetone	10/1/2014	10/31/2015	OR
Acetonitrile	10/1/2014	10/31/2015	OR
Acrolein (Propenal)	10/1/2014	10/31/2015	OR
Acrylonitrile	10/1/2014	10/31/2015	OR
Allyl alcohol	10/1/2014	10/31/2015	OR
Allyl chloride (3-Chloropropene)	10/1/2014	10/31/2015	OR
Benzene	10/1/2014	10/31/2015	OR
Bromoacetone	10/1/2014	10/31/2015	OR
Bromobenzene	10/1/2014	10/31/2015	OR
Bromochloromethane	10/1/2014	10/31/2015	OR
Bromodichloromethane	10/1/2014	10/31/2015	OR
Bromoform	10/1/2014	10/31/2015	OR
Carbon disulfide	10/1/2014	10/31/2015	OR
Carbon tetrachloride	10/1/2014	10/31/2015	OR
Chloral hydrate	10/1/2014	10/31/2015	OR
Chlorobenzene	10/1/2014	10/31/2015	OR
Chlorodibromomethane	10/1/2014	10/31/2015	OR
Chloroethane (Ethyl chloride)	10/1/2014	10/31/2015	OR
Chloroform	10/1/2014	10/31/2015	OR
Chloroprene (2-Chloro-1,3-butadiene)	10/1/2014	10/31/2015	OR
cis-1,2-Dichloroethylene	10/1/2014	10/31/2015	OR
cis-1,3-Dichloropropene	10/1/2014	10/31/2015	OR
cis-1,4-Dichloro-2-butene	10/1/2014	10/31/2015	OR
Crotonaldehyde	10/1/2014	10/31/2015	OR
Dibromofluoromethane	10/1/2014	10/31/2015	OR
Epichlorohydrin (1-Chloro-2,3-epoxypropane)	10/1/2014	10/31/2015	OR
Ethyl acetate	10/1/2014	10/31/2015	OR
Ethyl methacrylate	10/1/2014	10/31/2015	OR
Ethylbenzene	10/1/2014	10/31/2015	OR
Ethylene oxide	10/1/2014	10/31/2015	OR
Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: *RCRA (Solid & Hazardous Material)*			
Hexachlorobutadiene	10/1/2014	10/31/2015	OR
Hexachloroethane	10/1/2014	10/31/2015	OR
Iodomethane (Methyl iodide)	10/1/2014	10/31/2015	OR
Isobutyl alcohol (2-Methyl-1-propanol)	10/1/2014	10/31/2015	OR
Isopropylbenzene	10/1/2014	10/31/2015	OR
Malononitrile	10/1/2014	10/31/2015	OR
Methacrylonitrile	10/1/2014	10/31/2015	OR
Methanol	10/1/2014	10/31/2015	OR
Methyl bromide (Bromomethane)	10/1/2014	10/31/2015	OR
Methyl chloride (Chloromethane)	10/1/2014	10/31/2015	OR
Methyl methacrylate	10/1/2014	10/31/2015	OR
Methyl tert-butyl ether (MTBE)	10/1/2014	10/31/2015	OR
Methylene chloride (Dichloromethane)	10/1/2014	10/31/2015	OR
Naphthalene	10/1/2014	10/31/2015	OR
n-Butyl alcohol (1-Butanol, n-Butanol)	10/1/2014	10/31/2015	OR
n-Butylbenzene	10/1/2014	10/31/2015	OR
Nitrobenzene	10/1/2014	10/31/2015	OR
n-Nitroso-di-n-butylamine	10/1/2014	10/31/2015	OR
n-Propylamine	10/1/2014	10/31/2015	OR
n-Propylbenzene	10/1/2014	10/31/2015	OR
Paraldehyde	10/1/2014	10/31/2015	OR
Pentachloroethane	10/1/2014	10/31/2015	OR
Pentafluorobenzene	10/1/2014	10/31/2015	OR
Propargyl alcohol	10/1/2014	10/31/2015	OR
Propionitrile (Ethyl cyanide)	10/1/2014	10/31/2015	OR
Pyridine	10/1/2014	10/31/2015	OR
sec-Butylbenzene	10/1/2014	10/31/2015	OR
Styrene	10/1/2014	10/31/2015	OR
T-amylmethylether (TAME)	10/1/2014	10/31/2015	OR
tert-Butyl alcohol	10/1/2014	10/31/2015	OR
tert-Butylbenzene	10/1/2014	10/31/2015	OR
Tetrachloroethylene (Perchloroethylene)	10/1/2014	10/31/2015	OR
Toluene	10/1/2014	10/31/2015	OR
trans-1,2-Dichloroethylene	10/1/2014	10/31/2015	OR
trans-1,3-Dichloropropylene	10/1/2014	10/31/2015	OR
trans-1,4-Dichloro-2-butene	10/1/2014	10/31/2015	OR
Trichloroethene (Trichloroethylene)	10/1/2014	10/31/2015	OR
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	10/1/2014	10/31/2015	OR
Vinyl acetate	10/1/2014	10/31/2015	OR
Vinyl chloride	10/1/2014	10/31/2015	OR
Xylene (total)	10/1/2014	10/31/2015	OR
Method EPA 8270C			
1,2,4,5-Tetrachlorobenzene	10/1/2014	10/31/2015	OR
1,2,4-Trichlorobenzene	10/1/2014	10/31/2015	OR
1,2-Dichlorobenzene (o-Dichlorobenzene)	10/1/2014	10/31/2015	OR
1,2-Dinitrobenzene	10/1/2014	10/31/2015	OR
1,2-Diphenylhydrazine	10/1/2014	10/31/2015	OR
1,3-Dichlorobenzene	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***			
1,3-Dinitrobenzene (1,3-DNB)	10/1/2014	10/31/2015	OR
1,4-Dichlorobenzene	10/1/2014	10/31/2015	OR
1,4-Dinitrobenzene	10/1/2014	10/31/2015	OR
1,4-Naphthoquinone	10/1/2014	10/31/2015	OR
1,4-Phenylenediamine	10/1/2014	10/31/2015	OR
1-Acetyl-2-thiourea	10/1/2014	10/31/2015	OR
1-Chloronaphthalene	10/1/2014	10/31/2015	OR
1-Naphthylamine	10/1/2014	10/31/2015	OR
2,3,4,6-Tetrachlorophenol	10/1/2014	10/31/2015	OR
2,4,5-Trichlorophenol	10/1/2014	10/31/2015	OR
2,4,6-Trichlorophenol	10/1/2014	10/31/2015	OR
2,4-Dichlorophenol	10/1/2014	10/31/2015	OR
2,4-Dimethylphenol	10/1/2014	10/31/2015	OR
2,4-Dinitrophenol	10/1/2014	10/31/2015	OR
2,4-Dinitrotoluene (2,4-DNT)	10/1/2014	10/31/2015	OR
2,4-Toluene diisocyanate	10/1/2014	10/31/2015	OR
2,6-Dichlorophenol	10/1/2014	10/31/2015	OR
2,6-Dinitrotoluene (2,6-DNT)	10/1/2014	10/31/2015	OR
2-Acetylaminofluorene	10/1/2014	10/31/2015	OR
2-Chloronaphthalene	10/1/2014	10/31/2015	OR
2-Chlorophenol	10/1/2014	10/31/2015	OR
2-Cyclohexyl-4,6-dinitrophenol	10/1/2014	10/31/2015	OR
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	10/1/2014	10/31/2015	OR
2-Methylaniline (o-Toluidine)	10/1/2014	10/31/2015	OR
2-Methylnaphthalene	10/1/2014	10/31/2015	OR
2-Methylphenol (o-Cresol)	10/1/2014	10/31/2015	OR
2-Nitroaniline	10/1/2014	10/31/2015	OR
2-Nitrophenol	10/1/2014	10/31/2015	OR
2-Picoline (2-Methylpyridine)	10/1/2014	10/31/2015	OR
3,3'-Dimethoxybenzidine	10/1/2014	10/31/2015	OR
3-Methylcholanthrene	10/1/2014	10/31/2015	OR
3-Methylphenol (m-Cresol)	10/1/2014	10/31/2015	OR
3-Nitroaniline	10/1/2014	10/31/2015	OR
4-Aminobiphenyl	10/1/2014	10/31/2015	OR
4-Bromophenyl phenyl ether	10/1/2014	10/31/2015	OR
4-Chloro-3-methylphenol	10/1/2014	10/31/2015	OR
4-Chloroaniline	10/1/2014	10/31/2015	OR
4-Chlorophenyl phenylether	10/1/2014	10/31/2015	OR
4-Dimethyl aminoazobenzene	10/1/2014	10/31/2015	OR
4-Methylphenol (p-Cresol)	10/1/2014	10/31/2015	OR
4-Nitrophenol	10/1/2014	10/31/2015	OR
5-Nitro-o-toluidine	10/1/2014	10/31/2015	OR
7,12-Dimethylbenz(a) anthracene	10/1/2014	10/31/2015	OR
a-a-Dimethylphenethylamine	10/1/2014	10/31/2015	OR
Acenaphthene	10/1/2014	10/31/2015	OR
Acenaphthylene	10/1/2014	10/31/2015	OR
Acetophenone	10/1/2014	10/31/2015	OR
Aniline	10/1/2014	10/31/2015	OR
Anthracene	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***			
Aramite	10/1/2014	10/31/2015	OR
Benzidine	10/1/2014	10/31/2015	OR
Benzo(a)anthracene	10/1/2014	10/31/2015	OR
Benzo(a)pyrene	10/1/2014	10/31/2015	OR
Benzo(b)fluoranthene	10/1/2014	10/31/2015	OR
Benzo(g,h,i)perylene	10/1/2014	10/31/2015	OR
Benzo(k)fluoranthene	10/1/2014	10/31/2015	OR
Benzoic acid	10/1/2014	10/31/2015	OR
Benzyl alcohol	10/1/2014	10/31/2015	OR
bis(2-Chloroethoxy)methane	10/1/2014	10/31/2015	OR
bis(2-Chloroethyl) ether	10/1/2014	10/31/2015	OR
bis(2-Chloroisopropyl) ether	10/1/2014	10/31/2015	OR
Butyl benzyl phthalate	10/1/2014	10/31/2015	OR
Carbazole	10/1/2014	10/31/2015	OR
Chrysene	10/1/2014	10/31/2015	OR
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	10/1/2014	10/31/2015	OR
Dibenz(a, j) acridine	10/1/2014	10/31/2015	OR
Dibenz(a,h) anthracene	10/1/2014	10/31/2015	OR
Dibenzo(a,e) pyrene	10/1/2014	10/31/2015	OR
Dibenzofuran	10/1/2014	10/31/2015	OR
Diethyl phthalate	10/1/2014	10/31/2015	OR
Diethyl sulfate	10/1/2014	10/31/2015	OR
Diethylstilbestrol	10/1/2014	10/31/2015	OR
Dihydrosafrole	10/1/2014	10/31/2015	OR
Di-n-butyl phthalate	10/1/2014	10/31/2015	OR
Di-n-octyl phthalate	10/1/2014	10/31/2015	OR
Diphenylamine	10/1/2014	10/31/2015	OR
Ethyl carbamate (Urethane)	10/1/2014	10/31/2015	OR
Ethyl methanesulfonate	10/1/2014	10/31/2015	OR
Fluoranthene	10/1/2014	10/31/2015	OR
Fluorene	10/1/2014	10/31/2015	OR
Hexachlorobenzene	10/1/2014	10/31/2015	OR
Hexachlorobutadiene	10/1/2014	10/31/2015	OR
Hexachlorocyclopentadiene	10/1/2014	10/31/2015	OR
Hexachloroethane	10/1/2014	10/31/2015	OR
Hexachlorophene	10/1/2014	10/31/2015	OR
Hexachloropropene	10/1/2014	10/31/2015	OR
Indeno(1,2,3-cd) pyrene	10/1/2014	10/31/2015	OR
Isophorone	10/1/2014	10/31/2015	OR
Isosafrole	10/1/2014	10/31/2015	OR
Maleic anhydride	10/1/2014	10/31/2015	OR
Methyl methanesulfonate	10/1/2014	10/31/2015	OR
Naphthalene	10/1/2014	10/31/2015	OR
Nicotine	10/1/2014	10/31/2015	OR
Nitrobenzene	10/1/2014	10/31/2015	OR
n-Nitrosodiethylamine	10/1/2014	10/31/2015	OR
n-Nitrosodimethylamine	10/1/2014	10/31/2015	OR
n-Nitroso-di-n-butylamine	10/1/2014	10/31/2015	OR
n-Nitrosodi-n-propylamine	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: ***RCRA (Solid & Hazardous Material)***			
n-Nitrosodiphenylamine	10/1/2014	10/31/2015	OR
n-Nitrosomethylethalamine	10/1/2014	10/31/2015	OR
n-Nitrosomorpholine	10/1/2014	10/31/2015	OR
n-Nitrosopiperidine	10/1/2014	10/31/2015	OR
n-Nitrosopyrrolidine	10/1/2014	10/31/2015	OR
p-Benzoquinone (Quinone)	10/1/2014	10/31/2015	OR
Pentachloronitrobenzene	10/1/2014	10/31/2015	OR
Pentachlorophenol	10/1/2014	10/31/2015	OR
Phenacetin	10/1/2014	10/31/2015	OR
Phenanthrene	10/1/2014	10/31/2015	OR
Phenol	10/1/2014	10/31/2015	OR
Pronamide (Kerb)	10/1/2014	10/31/2015	OR
Propylthiouracil	10/1/2014	10/31/2015	OR
Pyrene	10/1/2014	10/31/2015	OR
Pyridine	10/1/2014	10/31/2015	OR
Resorcinol	10/1/2014	10/31/2015	OR
Safrole	10/1/2014	10/31/2015	OR
Strychnine	10/1/2014	10/31/2015	OR
Thiophenol (Benzenethiol)	10/1/2014	10/31/2015	OR
Method EPA 8310			
Acenaphthene	10/1/2014	10/31/2015	OR
Acenaphthylene	10/1/2014	10/31/2015	OR
Anthracene	10/1/2014	10/31/2015	OR
Benzo(a)anthracene	10/1/2014	10/31/2015	OR
Benzo(a)pyrene	10/1/2014	10/31/2015	OR
Benzo(b)fluoranthene	10/1/2014	10/31/2015	OR
Benzo(g,h,i)perylene	10/1/2014	10/31/2015	OR
Benzo(k)fluoranthene	10/1/2014	10/31/2015	OR
Chrysene	10/1/2014	10/31/2015	OR
Dibenz(a,h) anthracene	10/1/2014	10/31/2015	OR
Fluoranthene	10/1/2014	10/31/2015	OR
Fluorene	10/1/2014	10/31/2015	OR
Indeno(1,2,3-cd) pyrene	10/1/2014	10/31/2015	OR
Naphthalene	10/1/2014	10/31/2015	OR
Phenanthrene	10/1/2014	10/31/2015	OR
Pyrene	10/1/2014	10/31/2015	OR
Method EPA 8330			
1,3,5-Trinitrobenzene (1,3,5-TNB)	10/1/2014	10/31/2015	OR
1,3-Dinitrobenzene (1,3-DNB)	10/1/2014	10/31/2015	OR
2,4,6-Trinitrotoluene (2,4,6-TNT)	10/1/2014	10/31/2015	OR
2,4-Dinitrotoluene (2,4-DNT)	10/1/2014	10/31/2015	OR
2,6-Dinitrotoluene (2,6-DNT)	10/1/2014	10/31/2015	OR
2-Amino-4,6-dinitrotoluene (2-am-dnt)	10/1/2014	10/31/2015	OR
2-Nitrotoluene	10/1/2014	10/31/2015	OR
3-Nitrotoluene	10/1/2014	10/31/2015	OR
4-Amino-2,6-dinitrotoluene (4-am-dnt)	10/1/2014	10/31/2015	OR
4-Nitrotoluene	10/1/2014	10/31/2015	OR
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	10/1/2014	10/31/2015	OR

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	Start Date	Expires	AB
Program/Matrix: *RCRA (Solid & Hazardous Material)*			
Nitrobenzene	10/1/2014	10/31/2015	OR
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	10/1/2014	10/31/2015	OR
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	10/1/2014	10/31/2015	OR
Method EPA 9045C			
pH	10/1/2014	10/31/2015	OR
Method EPA 9056			
Fluoride	10/1/2014	10/31/2015	OR
Method EPA H2S Test Method			
Reactive sulfide	10/1/2014	10/31/2015	OR
Method EPA HCN Test Method			
Reactive Cyanide	10/1/2014	10/31/2015	OR

The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method.

The analytes by method which a laboratory is authorized to perform at any given time will be those indicated in the most recent certificate letter. The most recent certification letter supersedes all previous certification or authorization letters. It is the certified laboratory's responsibility to review this letter for discrepancies. The certified laboratory must document any discrepancies in this letter and send notice to this bureau within 15 days of receipt. This certificate letter will be recalled in the event your laboratory's certification is revoked.

Lc :r

State of Utah
Gary R Herbert
Governor
Gregory S Bell
Lieutenant Governor

Utah Department of Health
W. David Patton Ph.D
Executive Director

Division of Disease Control and Prevention
Robyn M. Atkinson, Ph.D, HCLD
Director, Utah Public Health Laboratory

Eurofins Calscience, Inc.

Thefollowing parameters have not been approved by the ELCP for certification.

Method EPA 1110A

Program/Matrix:	RCRA / Non Potable Water
Analyte:	Corrosivity toward steel
Justification:	Parameter not on Primary state accreditation letter.

Method EPA 8141A

Program/Matrix:	RCRA / Non Potable Water
Analyte:	Chlorfenvinphos
Justification:	Parameter not on Primary state accreditation letter.
Program/Matrix:	RCRA / Solid & Hazardous Material
Analyte:	Chlorfenvinphos
Justification:	Parameter not on Primary state accreditation letter.

Method EPA 8260B

Program/Matrix:	RCRA / Non Potable Water
Analyte:	Dichlorodifluoromethane (Freon-12)
Justification:	Parameter not on Primary state accreditation letter.
Program/Matrix:	RCRA / Solid & Hazardous Material
Analyte:	Dichlorodifluoromethane (Freon-12)
Justification:	Parameter not on Primary state accreditation letter.

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Thefollowing parameters have not been approved by the ELCP for certification.

Method EPA 8270C

Program/Matrix:	RCRA / Solid & Hazardous Material
Analyte:	2-Chloroaniline
Justification:	Parameter not on Primary state accreditation letter.
Program/Matrix:	RCRA / Non Potable Water
Analyte:	2-Chloroaniline
Justification:	Parameter not on Primary state accreditation letter.
Program/Matrix:	RCRA / Non Potable Water
Analyte:	3,3'-Dichlorobenzidine
Justification:	Parameter not on Primary state accreditation letter.
Program/Matrix:	RCRA / Solid & Hazardous Material
Analyte:	3,3'-Dichlorobenzidine
Justification:	Parameter not on Primary state accreditation letter.

White Paper #3: Fields of Accreditations and Units of Accreditation

By David Kimbrough, Pasadena Water & Power

Presented to the Environmental Laboratory Technical Advisory Committee, July 27, 2016

There are many different ways which ELAP could arrange the methods and analytes offered for accreditation. This paper presents some of the ways considered in previous efforts at updating ELAP's regulations.

1) Introduction

During the discussions at the June 15, 2016 Environmental Laboratory Technical Advisory Committee (ELTAC)meeting there was discussion about alternative ways of arranging the Environmental Laboratory Accreditation Program's (ELAP) Fields of Accreditations (FOA). It was noted that some years earlier ELTAC had worked with a regulation writer from the Office of Drinking Water and that a number of different approaches had been examined but in the end the consensus was to keep the current system. The Committee asked if that information could be shared and this is an attempt comply with that request.

2) 2004

In 2004 the Department of Health Services directed ELAP to prepare a new set of updated regulations. Alexis Milea was assigned the task. Alexis wrote regulations for the Office of (now Division of) Drinking Water. A sub-committee of ELTAC was formed to assist Alexis. This included individuals from ELAP staff, ELTAC members, Performance Testing Sample (PTS) manufacturers, Regulatory Partner agencies, and other interest parties. This ELTAC Sub-Committee looked at alternative ways of organizing the FOAs.

Currently Sub-Group Code – Analyte Code (or Unit of Accreditation (UOA)) consist of a combination of Regulatory Agency – Method – Analyte. So for example, if a laboratory wanted to be accredited for Tetrazene by EPA Method 8331for CERLA monitoring, that would be one UOA (117.180/001). UOAs are grouped into with other similar UOAs by program and analytical method. For example Atomic Absorption Spectrometry, Atomic Emission Spectrometry, Mass Spectrometry, for Safe Drinking Water are all grouped into FOA 103.

Below are some of those alternative approaches.

3) No FOAs and No Programs

One approach was simply to have a long list of Method-Analyte combines, EPA200.9-As, SM4110B-NO3, EPA8270-Benzene etc. There would of course be many hundreds of these. These would not be grouped in any way so there would be no FOAs (and no FOA fees). Since there is a lot of overlap between the SDWA and CWA methods, it would make things a bit simpler for those labs accredited for both. Likewise there can be overlap between CWA and DTSC approved methods. So the lab could just pick the Method-Analyte combination that suits their needs so long as the Regulatory Partner is willing to accept it. However it would be very cumbersome to have a list of Method-Analyte combinations with many hundreds or entries. This could also be confusing for the less experienced users who may know precisely which combinations are acceptable to which data users. This option did not receive much support.

4) No FOAs with Programs

To address this last problem, the very long list would consist of Program-Method-Analyte combines, UOAs. The UOAs would be SDWA-EPA200.9-As, CWA-SM4110B-NO3, DTSC-EPA8270-Benzene etc. There would of course be many hundreds of these as well but many more than under the program above. This would eliminate possible confusion about matching UOAs to data users but would produce an even longer and more cumbersome list of choices. This option did not receive much support.

5) FOAs by Program Only

With this option there would only be four FOAs, one for each program, Division of Drinking Water / Safe Drinking Water Act, Division of Water Quality / Clean Water Act, Department of Toxic Substances Control / CERCLA-RCRA-TSCA, and Department of Food and Agriculture. The UOAs would be arranged within each of the four FOAs. This created four somewhat shorter lists of UOAs and lessened possible confusion. This option received some support and a draft of the regulatory language was prepared as seen in Attachment 1.

6) FOA by Analyte Group

On the ELAP webpage the current FOAs are grouped according to Analyte. So FOA 101, 107, and 126 are grouped together under the

category of “Microbiology”. In this proposal all of the microbiology UOAs would be one FOA. Radiochemistry could be combined the same way as could VOCs, SOCs, Elements, and Inorganic Chemicals. There might be seven or eight FOAs under this scheme. The list of UOAs would be shorter per FOA.

7) FOA by Technology Group

In this approach UOAs are grouped by the type of analytical technology used, Microbiology, Wet Chemistry, GC, GC-MS, ICP, ICP-MS, IC, etc. This would produce are larger number of FOAs with smaller numbers of UOAs per FOA.

8) Conclusion

At the end of the discussion, which lasted several weeks, the conclusion was to stick with the current system. While each of the above approaches had advantages over the current system, they also had disadvantages; none was inherently or obviously superior to the others. At the end of the day, the UOAs and FOAs are just a system of conveniently organizing how accreditation is offered. Everyone is familiar with the current system, it seems to work reasonably well, it is pretty much how all of the other state programs are set up, and it matches with how the PTSs are arranged. The sense of the group is that the system was not broken so it did not need to be fixed.

Table 64806-A
Field of Accreditation (FoA) #1 – DHS , Methods, and Analytes

	Analytes/Group Addressed	***Approved Method(s)***	***Regulated Analyte(s)***
	Microorganisms	Code of Federal Regulations (40 CFR), parts 141.21 and 141.74	California Code of Regulations, Title 22 (22 CCR), Chapters 15 and 17; 40 CFR parts 141.21, 141.40, 141.52, 141.74 and 141.143
	Inorganic compounds & physical properties, including MBAS (methylene blue active substances) and potassium	40 CFR parts 141.23, 141.40, 141.74, 143.4, 141.131	22 CCR, Chapters 15, 15.5, 17, and 17.5 40 CFR parts 141.23, 141.40, 141.53, 141.54 141.74, 141.131
	Metals	40 CFR parts 141.23, 143.4	22 CCR, Chapter 15; 40 CFR parts 141.23 and 143.4
	Asbestos	40 CFR part 141.23	
	Volatile organic compounds	40 CFR parts 141.40, and 141.131	22 CCR, Chapters 15 and 15.5
	Semi-volatile organic compounds	40 CFR parts 141.24, 141.40, 141.131	22 CCR, Chapter 15; 40 CFR parts 141.24, 141.40, 141.131
	Radionuclides	40 CFR 141.25	22 CCR, Chapter 15; 40 CFR parts 141.25, 141.40; and 10 CFR part 20.2402, January 1, 2003
	Radon-222	*Standard Methods*, APHA, AWWA, & WPCF, (1998, 20th edition) methods 7500-Rn (1996, 19th edition) and 7500-Rn B; *Two Test Procedures for Radon in Drinking Water Interlaboratory Collaborative Study*, USEPA, March 1987, EPA/600/2-87/082	
	Recreational water: Microorganisms	Federal Register 60 (169), August 30, 2001, Table 1A	Federal Register 60 (169), August 30, 2001, Table 1A Health & Safety Code Section 115880(c)

	~~Biological tissues: Sanitation~~ ????? (George will provide)	• *Recommended Procedures for the Examination of Sea Water and Shellfish*, American Public Health Association, 1970, 4th edition; • *Official Methods of Analyses of the Association of Official Analytical Chemists*, AOAC, 15th edition; • *Microbiological Methods for Monitoring the Environment, Water and Wastes*, USEPA, 1978, EPA/600/8/78/017	??????????????????????????

Table 64806-B
Fields of Accreditation #2 – RWQCB/SWRCB Wastewater Methods, and Analytes

	Analytes/Group Addressed	***Method***	***Analyte(s)***
	Microorganisms	40 CFR part 136	40 CFR part 136
	Inorganic compounds & physical properties	40 CFR part 136.3	40 CFR part 136.3
	Hardness	40 CFR part 136.3; *Standard Methods*, APHA, AWWA, WPCF, (1992, 18th edition) methods 3120B & 3111B	
	Tannin and lignin	*Standard Methods*, APHA, AWWA, WPCF, (1992, 18th edition) method 5550B	
	Total recoverable petroleum hydrocarbons	*Methods for Chemical Analysis of Water and Wastes*, March 1983, EPA-600/4-79-020, method 418.1	
	Metals	40 CFR part 136.3	40 CFR part 136.3
	asbestos	*Analytical Methods for Determination of Asbestos Fibers in Water*, USEPA, September 1983, EPA-600/4-83-043, method 100.1; *Method 100.2, Determination of Asbestos Structures over 10 um in Length in Drinking Water*, USEPA, June, 1994, EPA/600/R-94/134, method 100.2	
	Volatile organic compounds	40 CFR 136.3	40 CFR part 136.3
	Semi-volatile organic compounds	40 CFR part 136.3	40 CFR part 136.3
	Benzidines	CRF 1136.5, method 605	
	Carbamates	*The Determination of Carbamates and Urea Pesticides in Industrial and Municipal Wastewater,* USEPA, method 632	
	Oil & grease	40 CFR part 136.3, methods 413.1, 1664 and 5520 B	

	Total organic carbon	40 CFR part 136.3, methods 415.1, 5310 B, 5310 C, 5310 D, D2579-93, 973.47	
	Radionuclides	40 CFR part 136.3	40 CFR parts 136.3; and 10 CFR part 120.2402, January 1, 2003.
	Radionuclides, excluding gross alpha, gross beta, total radium, radium-226	• *Prescribed Procedures for Measurement of Radioactivity in Drinking Water*, USEPA, 8/1980, EPA-600/4-80-032, NTIS # PB 80-224744; • *Radiochemistry Procedures Manual*, 12/1987, NTIS #PB 84-215581; • *Radiochemical Analytical Procedures for Analysis of Environmental Samples*, USEPA, 3/1979, NTIS # EMSL-LV-0539-17; • *Methods for Determination of Radioactive Substances in Water and Fluvial Sediments*, US Geological Survey, Denver, CO; *EML Procedures Manual*, US Department of Energy, 27th (1990) and 28th (1997) editions, volumes 1 & 2 • *Standard Methods*, APHA, AWWA, & WPCF, (1998, 20th edition)	
	Uranium	*Standard Methods*, APHA, AWWA, & WPCF, (1998, 20th edition) method 7500-U C	
	Aquatic organisms	40 CFR 136.3	40 CFR part 136.3

	Aquatic organisms not in 40 CFR 136.3	• *Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates*, USEPA, 8/1995, EPA/600/R-95/136; • *Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Estuarine and Marine Amphipods*, USEPA, 6/1994, EPA/600/R-94/025; • *Procedures Manual for Conducting Toxicity Tests Developed by lthe Marine Bioassay Project*, State Water Resources Control Board, California Environmental Protection Agency, 1/1996, 96-1WQ; • *Static Acute Bioassay Procedures for Hazardous Waste Samples*, California Department of Fish and Game, Water Pollution Control Laboratory, 11/1988; • *Standard Guide for Conducting Static Acute Toxicity Tests Starting with Embryos of Four Species of Saltwater Bivalve Molluscs*, American Society for kTesting & Materials, Philadelphia, PA, E 724-89, 1994, method ASTME724-94; • *Standard Guide for Conducting Static 96-h Toxicity Tests with Microalgaqe*, American Society for Testing & Materials, Philadelphia, PA, E 1218-90, 1990, method ASTME 1218-90.	aquatic organisms not in 40 CFR part 136.3 (is this the best way to frame this?)

Table 64806-C
Field of Accreditation #3, DTSC – Hazardous Substances Methods, and Analytes

	Analytes/GroupAddressed	***Method***	***Analyte(s)***
	Inorganic compounds, metals	22 CCR, Chapter 11, section 66261.126, appendix III.	22 CCR, Chapter 11
	Organic lead	• 22 CCR, section 66261.126, appendix XI (method 938-M); • HML Method 939-M, California Department of Toxic Substances Control, Hazardous Materials Laboratory (HML)	
	Reactivity	22 CCR, Chapter 11	
	Extraction test	22 CCR, Chapter 11, Appendices II and III	n/a
	Volatile organic chemistry	22 CCR, Chapter 11, Appendix III	22 CCR, Chapter 11
	Gasoline	SW-846, 8015B	
	Semi-volatile organic compounds	22 CCR, Chapter 11, Appendix III	22 CCR, Chapter 11
	Diesel	SW-846, 8015B	
	Radionuclides;	22 CCR, Chapter 11, Appendix III	10 CFR part 20.2402, January 1, 2003

	Radionuclides other than gross alpha/beta, total alpha radium & radium-228 in aqueous matrices	• *Prescribed Procedures for Measurement of Radioactivity in Drinking Water*, USEPA, August 1980, EPA-600/4-80-032; NTIS # PB 80-224744; • *Radiochemistry Procedures Manual*, USEPA, June 1984, EPA-520/5-84-006; NTIS # PB 84-215581; • *Radiochemical Analytical Procedures for Analysis of Environmental Samples*, USEPA, March 1979; NTIS # EMSL-LV-0539-17; • *Methods for Determination of Radioactive Substances in Water and Fluvial Sediments*, USGS, 1997, Book 5, Chapter A5; • *EML Procedures Manual*, US Department of Energy (DOE), 27th edition (1990), Volume 1 and 28th edition (1997), volumes 1 & 2	
	gamma fission products (screen)	*EML Procedures Manual*, US DOE, 1997, 28th edition, volume 1, method GA-01-R, with *Sample Preparation and Analysis*, US DOE, August 1998	*Sample Preparation and Analysis*, US DOE, August 1998.
	Toxicity bioassay --- aquatic organisms	22 CCR, section 66261.24(a)(6)	22 CCR, section 66261.24(a)(6)
	excluding aquatic organisms in 22 CCR, section 66261.24(a)(6)	• *Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates*, USEPA, June 1994, EPA/600/R-94/024; • *Methods for Assessing the Toxicity of Sediment-associated Contaminants with Estuarine and Marine Amphipods*, USEPA, June 1994, EPA/600/R-94/025; • *Static Acute Bioassay Procedures for Hazardous Waste Samples*, California Department of Fish and Game, Water Pollution Control Laboratory, November 1988	
	Physical properties	22 CCR, Chapter 11, section 66261.126, Appendix III	22 CCR, Chapter 11, sections 66261.20 through 66261.23
	Bulk asbestos analysis	*Interim Method for the Determination of Asbestos in Bulk Insulation Samples*, USEPA, December 1982, EPA-600/M4-82-020	22 CCR, section 66261.24(a)(1)(B) + List (Footnote b); asbestos includes chrysotile, amosite, crocidolite,

			tremolite, anthophyllite, and actinollite.

Table 64806-D
Fields of Accreditation #4, Food Products - CDFA Methods, and Analytes

	Analytes/Group Addressed	***Method***	***Analyte(s)***
	Microorganisms	• *Bacteriological Analytical Manual*, Food & Drug Administration, 1995, 8th edition; • *Compendium of Methods for the Microbiological Examination of Foods*, American Public Health Association, 4th edition; • *Official Methods of Analysis*, William Horwitz (ed), 2000, 17th edition; • *Compendium of Analytical Methods*, Health & Welfare Canada, Health Protection Branch, January 2002, Volumes 1 through 4; • *Microbiology Laboratory Guidebook*, US Department of Agriculture, Food Safety Inspection Service, 1998, 3rd edition	• 40 CFR, parts 180 through 180.1217, July 1, 2000; • *Foodborne Pathogenic Microorganisms and Natural Toxins Handbook*, US Food and Drug Administration, Centers for Disease Control & Prevention, US Department of Agriculture Food Safety Inspection Service, National Institutes of Health, 1983.
	Inorganic compounds in pesticide residues	??????????????	
	Organic compounds in pesticide residues (MS techniques)	• *Pesticide Analytical Manual*, volumes 1 & 2, 1992, US Department of Health & Human Services, Public Health Service, US Food & Drug Administration, 2905A; • *CDFA Multi-Residue Pesticide Screening Method*, California Department of Food and Agriculture, Center for Analytical Chemistry; • Journal of Agricultural and Food Chemistry, 1991, vol. 39, number 9, p. 1658, *Solid-Phase Extraction Cleanup of Halogenated Organic Pesticides;* • Bulletin of Environmental Contamination and Toxicology, 1984, volume 33, p. 538, *High Performance Liquid Chromatographic Methods for Determination of n-Methyl Carbamates in Fruits and Vegetables*; • *Official Methods of Analysis of AOAC International*, 2000, 17th edition, section 10;	40 CFR parts 180 through 180.1210, July 1, 2002

		• *Action Levels for Poisonous or Deleterious Substances in Human Food land Animal Feed*, US Food & Drug Administration, Industry Activities Staff (HFS-565); • Food Testing and Analysis, April/May 2000, vol. 6, p. 2, *The Basic Concepts of Pesticide Residue Analyses in Food Crops;* • Journal of Chromatography, 1995, vol. 690, p. 455, *Off-line High Performance Liquid Chromatography and Solid Phase Extraction Clean-up for Confirmation of Pesticide Residues in Fresh Produce by Gas Chromatography Mass Spectroscopy;* • Journal of AOAC, 1991, vol. 74, p. 6, *GC-MIP-AED Method for Pesticide Residue Determination in Fruits and Vegetables*	
	Organic compounds in pesticide residues (excluding MS techniques)	Methods that are not MS techniques detailed in the publications listed for FoT E124.	40 CFR parts 180 through 180.1210, July 1, 2002

	base + FOT (current)	base + methods [A]	base + analytes [B]	base + instruments/methodology [C]	base only (same fee for all labs) [D]	#employees [E]	base + #samples/year [F]	base + FOTs + analytes [G]	base + FOTs + analytes + methodology [H]	
Cost to small lab (plant lab as example: *2 FOTs, 1 FTE, 9 methods, 11 analytes, 5 Methodologies, Samples)**	1512 + 1362 = 2874	1512 + 1362 = 2874	1512 + 715 = 2227	1512 + 1362 = 2874	4285	500		1512 + 600 + 330 = 2442	1512 + 300 + 275 + 500 = 2587	**Cost to small lab (plant lab as example: *2 FOTs, 1 FTE, 9 methods, 11 analytes, 5 Methodologies, Samples)****
Cost to medium lab *(WQL as example: 9 FOTs, 15 FTE, 36 methods, 164 analytes, 21 Methodologies, Samples)**	1512 + 6129 = 7641	1512 + 5436 = 6948	1512 + 10660 = 12172	1512 + 5720 = 7232	4285	7500		1512 + 2700 + 4920 = 9132	1512 + 1350 + 4100 + 2100 = 9062	**Cost to medium lab *(WQL as example: 9 FOTs, 15 FTE, 36 methods, 164 analytes, 21 Methodologies, Samples)****
Total cost to MWD*	$22, 011	$21,318	$23,307	$21,602	$25,710	$10,000		$21,342	$21,997	**Total cost to MWD***
Cost to large lab *(Eurofins as example: 16 FOTs, approx. 100 FTE, 80 methods, 233 analytes, 45 Methodologies, Samples)**	1512 + 10896 = 12408	1512 + 12080 = 13592	1512 + 15145 = 16657	1512 + 12285 = 13797	4285	50000		1512 + 4800 + 6990 = 13302	1512 + 2400 + 5825 + 4500 = 14237	**Cost to large lab *(Eurofins as example: 16 FOTs, approx. 100 FTE, 80 methods, 233 analytes, 45 Methodologies, Samples)****
ELAP Budget analysis (estimated, based on $3 mill ELAP budget for FY 2015, assuming 80% small, 15% medium, 5% large labs and 700 total)	560 x 2874 = 1.6 Mill 105 x 7641 = 0.8 Mill 35 x 12408 = 0.4 Mill **total = 2.8 Mill**	560 x 2874 = 1.6 Mill 105 x 6948 = 0.7 Mill 35 x 13592 = 0.5 Mill **total = 2.8 Mill**	560 x 2227 = 1.2 Mill 105 x 12172 = 1.3 Mill 35 x 16657= 0.4 Mill **total = 2.9 Mill**	560 x 2874 = 1.6 Mill 105 x 7232 = 0.75 Mill 35 x 13797 = 0.5 Mill **total = 2.85 Mill**	4285 x 700 = **3 Mill**	560 x 500 = 0.3 Mill 105 x 7500 = 0.8 Mill 35 x 50000= 1.75 Mill **total = 2.85 Mill**		560 x 2262 = 1.2 Mill 105 x 10612 = 1.1 Mill 35 x 50000= 0.5 Mill **total = 2.8 Mill**	560 x 2587 = 1.4 Mill 105 x 9062 = 0.95 Mill 35 x 14237= 0.5 Mill **total = 2.9 Mill**	**ELAP Budget analysis (estimated, based on $3 mill ELAP budget for FY 2015, assuming 80% small, 15% medium, 5% large labs and 700 total)**
Pro		similar to current	less for small labs	less costs to MWD	Uncomplicated formula	reduced for small lab	equitability?	small labs down	seems equitable	
Con		may add up	mid labs up 60%	large labs up 11%	Not equitable for small labs	large labs may layoff	how to determine? costs go up for service	large and mid not equitably split	mid labs up 20%	

* cost estimates are based on current ELAP rates: $1512.00 base, plus $681.00/FOT

[A] cost estimate based on the amount it would cost a small lab to have the same current fee: $151/method

[B] cost estimate based on the amount it would cost a small lab to have the same current fee: $65/analyte

[C] cost estimate based on the amount it would cost a small lab to have the same current fee: $273/methodology

[D] total ELAP budget (3M)/ 700 labs

[E] cost estimate based on : $500/employee

[F] cost estimate based on the amount it would cost a small lab to have the same current fee: $?/sample

[G] cost estimate based on the amount it would cost a small lab to have the same current fee: $300/FOT & $30/analyte

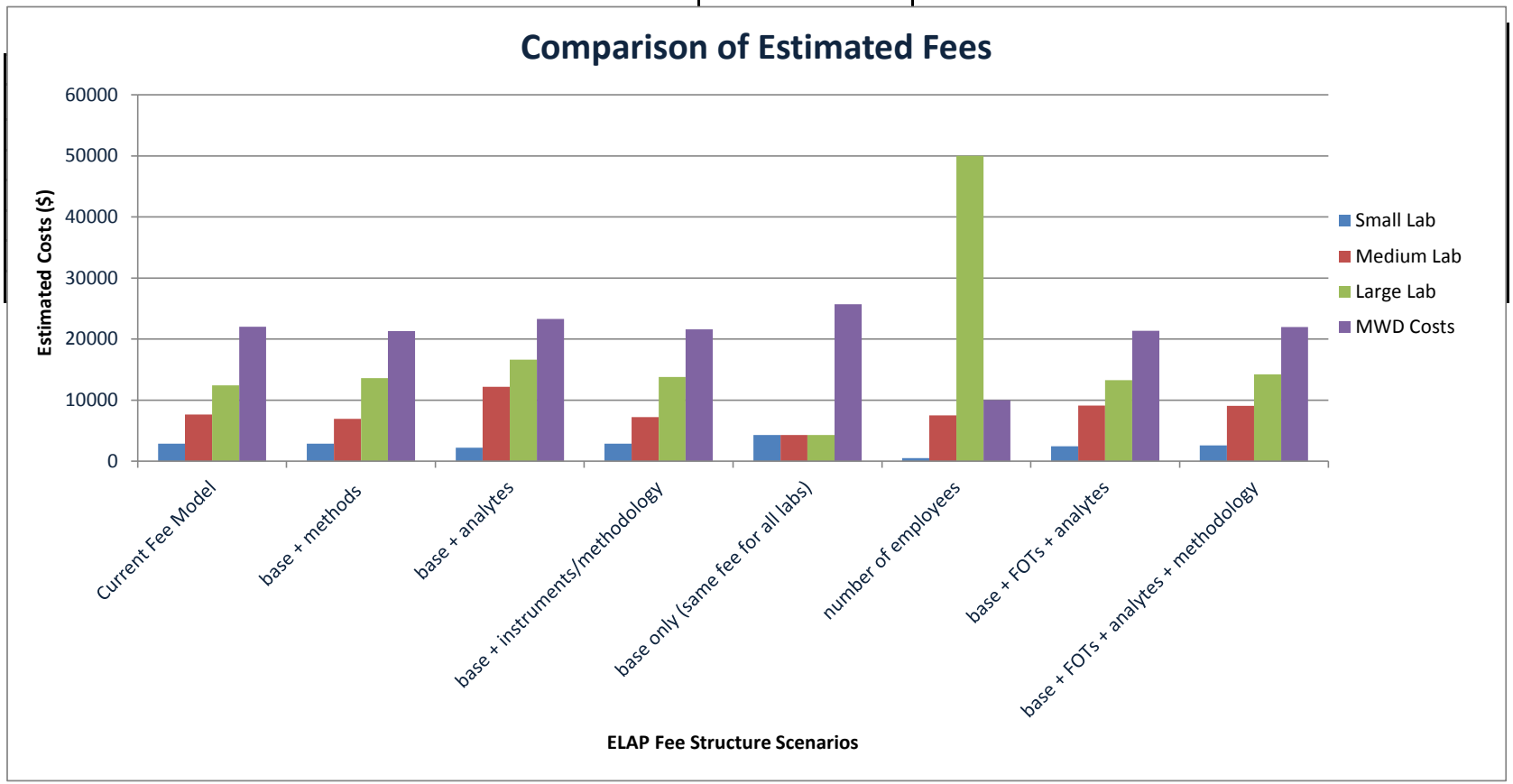
[H] cost estimate based on the amount it would cost a small lab to have the same current fee: $150/FOT & $25/analyte, $100/methodology

560 large labs
105 medium labs
35 small labs

Conclusion:

Option H seems the most equitable, in my opinion, since large labs will pay more based on the complexity of their methodologie
As time goes on, it would be equitable to keep the base and FOT rates constant, while increasing rates for number of methodolo

Fee Sctructure Scenarios				
	Small Lab	Medium Lab	Large Lab	MWD Costs
Current Fee Model	2874	7641	12408	$22, 011
base + methods	2874	6948	13592	$21,318
base + analytes	2227	12172	16657	$23,307
base + instruments/methodology	2874	7232	13797	$21,602
base only (same fee for all labs)	4285	4285	4285	$25,710
number of employees	500	7500	50000	$10,000
base + FOTs + analytes	2442	9132	13302	$21,342
base + FOTs + analytes + methodology	2587	9062	14237	$21,997



Hourly Analysis:

	Base + $100/Hour	**Base + $150/Hour**	**Base + $200/Hour**	**Base + $300/Hour**
Small Lab (1-2 FOTs)	8 hours: 1500 + 800 = 2300	8 hours: 1500 + 1200 = 2700	8 hours: 1500 + 1600 = 3100	8 hours: 1500 +2400 = 3900
Medium Lab (3- 10 FOTs)	24 hours: 1500 + 2400 = 3900	24 hours: 1500 + 3600 = 5100	24 hours: 1500 + 4800 = 6300	24 hours: 1500 + 7200 = 8700
Large Lab (≥11 FOTs)	72 hours: 1500 + 7200 = 8700	72 hours: 1500 + 10800 = 12300	72 hours: 1500 + 14400= 15900	72 hours: 1500 + 21600 = 23100
ELAP Revenue	2300 x 560 **+** 105 x 3900 + 35 x 8700 = **2 Mill**	560 x 2700 + 105 x 5100 + 35 x 12300 = **2.4 Mill**	560 x 3100 + 105 x 6300 + 35 x 15900 = **2.8 Mill**	560 x 3900 + 105 x 8700 + 35 x 23100 = **3.9 Mill**

Small labs with complex methodologies (i.e. Cryptosporidium, dioxins, or asbestos) may be reclassified as "medium labs" by ELAP.

AGENDA ITEM #6

Unfinished Business – Laboratory Accreditation Standards

Attachments:

- White Paper – Accreditation Standards for ELAP - UPDATED, *David Kimbrough*
- White Paper – The Impact of TNI on Government Owned Laboratories in California, Florida, and New York - UPDATED, *David Kimbrough*
- TNI Quality Systems Checklist – 300.1

White Paper #1: Accreditation Standards for ELAP - UPDATED

By David Kimbrough, Pasadena Water & Power

Presented to the Environmental Laboratory Technical Advisory Committee, July 27, 2016

The Environmental Laboratory Technical Advisory Committee (ELTAC) has been given the task of discussing the pros and cons of adopting a new accreditation standard. This whitepaper is an attempt to provide the ELTAC with one perspective on this matter in an effort to stimulate thinking and discussion.

1) Introduction

The Environmental Laboratory Accreditation Program (ELAP) was created to ensure that California regulatory agencies received reliable results from laboratories that are used for regulatory compliance monitoring. California has been involved in environmental laboratory issues at least since the 1920's and has been accrediting drinking water and wastewater laboratories since the early 1950's. The United States Environmental Protection Agency's (USEPA) drinking water certification program was largely based on those California accreditation standards.

When ELAP was transferred to the State Water Resources Control Board (SWRCB) in July 2014, management recognized ELAP's substantial programmatic deficiencies. To address those deficiencies, the Water Board created an Expert Review Panel (ERP) to assess ELAP and present recommendations to restore its integrity. The ERP spent a year taking in information from ELAP, the Stakeholder Advisory Committee (former ELTAC representatives), the laboratory community, the State Regulatory Agencies that ELAP are supposed to support, and others. The ERP prepared a report outlining deficiencies and providing recommendations for helping to improve ELAP.

The ERP identified multiple systemic problems with ELAP that fell within four major categories: (1) Poor credibility with the stakeholder community; (2) lack of effective accreditation practices; (3) absence of routine management processes; and (4) inadequate resources. Over the last 20 years, these problems resulted in ELAP: failing to conduct prompt on-site assessments (OSAs), conducting incomplete OSAs, inconsistently reviewing laboratory Proficiency Testing Samples (PTSs), and failing to adequately process forms, all resulting in ineffective and incomplete

assessments of laboratory performance. Further, management neglected to adequately direct and train staff in a consistent and effective fashion.

To address the deficiencies, the ERP recommended that ELAP: establish a management system, adopt laboratory accreditation standard, ensure relevant analytical methods, expand resources, and enhance communication. Most of the recommendations were well received by stakeholders.

One exception was on the subject of "Accreditation Standards". The ERP recommended that ELAP adopt a new Accreditation Standard that could be uniformly applied to all laboratories by all ELAP staff. The ERP provided a range of possible approaches on how this goal might be achieved. The ERP strongly recommend that adoption of an Accreditation Standard based on a Quality Systems (QS) was the best approach. The ERP argued that the QS found in the National Environmental Laboratory Accreditation Conference (NELAC) Institute's (TNI) documents was the best QS to use by ELAP since it was an "off-the-shelf" QS and was also nationally recognized. ELAP could incorporate The TNI QS with minimal effort while achieving the goal of having a QS as part of its Accreditation Standard.

However, many stakeholders objected to using the TNI documents as a prescription to resolve ELAP's shortcomings or as the QS. The feeling was that implementation of the TNI Standard requirements would be detrimental to ELAP's efforts to return to a fully functional program, and it would be detrimental to the interests of most ELAP accredited laboratories while not actually providing the data users with any benefits of full QS. To date, there has been no suggestion that ELAP's Regulatory Partners, SWRCB - Division of Drinking Water (DDW), the SWRCB - Division of Water Quality (DWQ, including the Regional Water Quality Control Boards - RWQCB), the Department of Toxic Substances Control (DTSC), and the Department of Fish and Wildlife (DFW) are receiving data that is of poor quality in any significant way. Nor has there been any clearly stated argument that by adopting any QS, much less the TNI QS, that the quality of laboratory would improve necessarily.

This paper is an attempt to posit an argument on how to approach the question, "Which Accreditation Standard would help ELAP to become an effective regulatory agency, provide better accreditation to the laboratory community, and provide high quality data to ELAP's Regulatory Partners?"

2) Accreditation Standard

What is an Accreditation Standard? An Accreditation Standard is a set of requirements that ELAP uses to assess whether a laboratory is competent enough to analyze sample for a particular regulatory agency for a particular method for a particular analyte.

What should the Accreditation Standard contain that will allow ELAP to function appropriately?

a) The starting point must then a list of which combination of approved method and analyte each State Regulatory Agency requires its permittees to use. From this list, laboratories can apply to ELAP for accreditation.

   i. Historically approved methods have been grouped together into Fields of Accreditation or Testing (FOA or FOT). All approved methods for a given regulatory agency that are related are grouped into FOAs. For example all methods approved by the Division of Drinking Water for elements are currently grouped into FOA 103. This would include Atomic Absorption Spectrometry, Atomic Emission Spectrometry, Mass Spectrometry, and so forth.

   ii. In most cases, more than one analyte can be analyzed by a particular method. ELAP has in the past allowed laboratories to seek accreditation for particular analytes rather than just by method. Units of Accreditation (UOA) would consist of a combination of Regulatory Agency – Method – Analyte.

   iii. However, in some cases ELAP required laboratories to be accredited for all analytes for which the method was approved irrespective of whether the laboratory had any clients who were required to test for those analytes.

b) The accreditation process for assessing a laboratory's competence for any given UOA has four parts:

   i. Laboratories need to be required to fill out forms providing ELAP with key information about the laboratory. This is important for ELAP to be able to assess the laboratory's capabilities.

   ii. Laboratories need to be required to pay a fee. This is important to fund ELAP's activities.

   iii. Laboratories need to be required to purchase, analyze, and successfully pass PTSs to assess laboratory performance.

iv. Laboratories need to be required to participate in an OSA to determine if the information on the forms is correct and to rectify any deficiencies found.

c) ELAP has had a set of requirements for what information needs to be on each form for each UOA.

i. Location of the Laboratory
ii. FOAs and UOAs being applied for
iii. Organization
iv. Qualifications of Staff
v. Facilities
vi. Methods
vii. Equipment
viii. Quality Assurance

d) ELAP has a set of requirements for assessing if each of these areas with specific standards. These standards come from:

i. The approved methods themselves
ii. The regulations and statutes of the State of California
iii. The Quality Assurance Manual of the laboratory

e) If a laboratory can demonstrate that they can comply with the requirements for each UOA, ELAP will accredit it.

3) Technical Standard

The Technical Standard is simply the requirements found in the individual methods. The way the State of California has historically accredited environmental laboratories is, in principle, quite simple. The State, through its regulatory agencies in regulation, permit conditions, and other similar instruments, identifies analytical methods for particular analytes that it considers acceptable. Bodies with permits from State regulatory agencies are required to use laboratories that employ these approved methods for the combination of analytes necessary to assess compliance sample quality. Laboratories that analyze compliance samples for these permitted bodies apply to ELAP for accreditation for the methods and analytes that the permittees are required to use. ELAP then determines whether the laboratory is competent to analyze those samples for those agencies by those methods for those analytes. In some cases, method reference external sources of information. In that case the referenced source is also part of the Technical Standard.

4) Quality System

a) What is a Quality System? There are all sorts of QSs for all sorts of programs and businesses. However what is of interest here is a QS which encompasses management and technical activities pertaining to the planning, implementation, assessment, and improvement of environmental programs the that involve California regulatory agencies that:

i) The collection, evaluation, and use of environmental data, and

ii) The design, construction, and operation of environmental technology.

A true QS begins with the needs of the data users, ELAP's Regulatory Partners. Attachment A shows a typical QS used in air monitoring for compliance with the Clean Air Act. The section in red box shows the data quality elements pertaining to laboratories. It is useful to note that the majority of the QS covers activities outside of the laboratory.

b) Data Quality Objectives - QSs begin with the Data Quality Objectives (DQOs). DQOs are qualitative and quantitative statements that, among other things, specify tolerable limits on decision errors which will be used as the basis for establishing the quantity and quality of data needed to support the decision. The DQO Process helps ensure that data users are assured that the type, quantity, and quality of environmental data appropriate for the intended application. Sampling and analysis plans can be developed from DQOs. Variables such as precision, accuracy, representativeness, data completeness, comparability, and sensitivity are commonly used in environmental monitoring. Depending on the nature of the project, different data quality needs might be emphasized over others. For example if regulatory compliance with threshold concentration is the goal, accuracy and precision might be more important than comparability. The activities of laboratories are only a very small part of DQOs.

c) Data Quality Indicators - Data Quality Indicators provide quantitatively assessable measures of DQOs. For example, accuracy can be assessed by the use of reference materials, continuing calibration verification standards (CCVS), matrix spikes

and other similar tools. For each DQO, a DQI can be determined and used to assess the quality of the data generated.

d) Measurement Quality Objectives - Measurement Quality Objectives (MQOs) are the specific laboratory based measures to determine acceptance or rejection of data. For the DQO of accuracy and the DQI of CCVS, the MQO could be a recovery of 25%. For the DQO of precision and the DQI of laboratory duplicates the MQO could be the relative percent difference of 20%.

e) Data Quality Assessment - The core of a useful QS is the Data Quality Assessment (DQA). The data users examine the entire universe of laboratory results, including MQOs, and determine if the data is of sufficient quality to allow him or her to make the needed decisions. If not, changes to the QS have to be made and more samples collected and analyzed.

f) ELAP - If ELAP is interested in establishing a QS, that would involve working with the Regulatory Partners to establish DQOs, DQIs, MQOs, and so forth that would apply to all of the work of the DDW (not just the laboratories).

However, this likely would be a very difficult and complex effort. There probably would be several different QSs with different sets of DQOs, DQIs, and MQOs. Different projects within a given program might have different QAPP and thus different DQOs. Different programs within a given Agency Partner might have different Quality Management Plans (QMPs) as well as QAPPs and corresponding DQOs. It is unclear how ELAP would enforce these different requirements on different laboratories. A laboratory that analyses samples for compliance with different programs or agencies would have to comply with different DQOs and it is unclear how ELAP staff would sort this out.

The TNI Documents actually illustrate the nature of this problem well. In Volume 1, Module 4 there is section 1.7.3.3.1 which covers Matrix Spikes which includes this paragraph:

"The components to be spiked shalt be as specified by the mandated method. Any permit specified analytes, as specified by regulation or client requested analytes, shall also be included."

Using this language ELAP staff would have to assess whether a laboratory was supposed to use the matrix spike components

required in the mandated method, in a permit, in a regulation, or a client specification. These could vary from one sample to the next even in single batch. It would be very difficult for ELAP to enforce such a diverse set of requirements on an even more diverse set of samples.

g) If ELAP were to adopt an effective QS, it should adopt one that would mesh with the QS already in use by the EPA and California regulatory agencies. It would be confusing and burdensome for ELAP to try to enforce on QS on laboratories as part of the accreditation process and then have some labs comply with an entirely different QS required by the Regulatory Partners.

5) Criteria for the Assessment of the Accreditation Standards

The ERP was created because ELAP was not performing its functions adequately and was created to provide advice on how ELAP can improve. The ERP was not created to try to improve or reform laboratory performance. As a result, when assessing the issue of Accreditation Standards there should be **Three Criteria**:

a. The **First and Primary Criterion** in determining which option ELAP should implement must be whether including language from the TNI document improves or diminishes ELAP's ability to do its job.

b. The **Second Criterion** should be whether including language from the TNI document improves or diminishes the laboratories' ability to do their jobs.

c. The **Third Criterion** should be whether including language from the TNI document improves or diminishes the ability of ELAP's Regulatory Partners to do their jobs.

6) Primary Criterion

a. Which TNI Documents? - Part of the problem with using the TNI documents is that it is not clear which TNI documents are to be used. There are 1998 documents, 2003 documents, 2009 documents, and the 2016 documents. The former is cited in ELAP's enabling legislation and all three of the latter have been suggested for use at various times. It is difficult to see how ELAP can effectively use the TNI documents when there are four different TNI documents and which is being proposed is unknown.

b. TNI is Inaccessible - The different difficulty in assessing the usefulness of the TNI requirements is that they are not publically available. The TNI seminar of April 2016 was confined only to discussing the Quality Systems (Volume 1, Module 2) and no substantive documents were allowed to be removed from the room. Furthermore, there is no available recording of these events, as was initially promised during and after the workshops. The discussion below is based on notes from that event.

c. Not a Quality System - The TNI documents do not describe a Quality System, despite the use of the term. At best, parts of the TNI documents might be described as parts of a QS. The TNI documents do not create a QS that is integrated with ELAP's Regulatory Partners, their QAPPs, DQOs, MQOs, &c. There is no process for establishing DQOs, for building plans upon them, or establishing laboratory requirements such as MQO based on them. There are occasional and haphazard references about tying some requirement back to DQOs or client needs. For example, Volume 1, Module 5, 1.5 it says: *"If no reference method exists, or if the data quality objectives are different from the reference method, then the laboratory shall demonstrate that the method meets the quality objectives for the intended use."* It is not established how this is to be done whose objectives or intended uses are to be considered, there might be several. There is no DQA process which the axis on which a useful QS turns.

d. Non-TNI Requirements - It is essential to note that these requirements are in addition to the method specific requirements, not in place of them. So ELAP staff will have to conduct OSAs and other accreditation activities using both the TNI requirements and the existing method specific requirements.

e. The sheer bulk of the 2003 TNI requirements seems be an entire problem all by itself. ELAP staff will have to be trained to review an 85 page checklist (or whatever checklist is developed for either the 2009 or 2016 documents) with 1126 separate requirements. It will take a tremendous amount of training to comply with these requirements which is beyond the equally immense amount of training required to master the individual method requirements.

i. At the April 7, 2016 Rancho Cordova TNI Workshop, Jerry Parr noted that the TNI requirements do not provide any additional

benefit to accuracy, precision, or protection of public health, which are part of ELAP's objective.

ii. During the April 9 2016 Costa Mesa TNI Workshop, Chris Gunning indicated that it took him, on average, an entire day to conduct an OSA based solely on the Quality Systems General Requirements (Module 2) requirements alone. These requirements are the same for every laboratory. Using PWP's laboratory as an example, currently ELAP staff take one day to conduct a complete OSA for Field of Testing 101, 102, 103, and 105. The amount of time ELAP staff would take to conduct an OSA on PWP adding only the Quality Systems General Requirements would double. Since PWP's lab is typical of a California small government laboratory, this would automatically double OSA auditor time for small labs, with even more time needed to be allotted for large laboratories. However, there are additional requirements that were not discussed at the Quality Systems for specific types of analysis which involve requirements not found in methods or current regulation:

a) Module 3: Asbestos Testing
b) Module 4: Chemical Testing
c) Module 5: Microbiological Testing
d) Module 6: Radiochemical Testing
e) Module 7: Toxicity Testing

iii. For example, technical requirements not found in approved methods at the April 9 workshop: VOLUME 1, MODULE 5 Quality Systems for Microbiological Testing - 1.7.5 b) had unique Sample Handling requirements.

a) *"Microbiological samples from known chlorinated sources (such as wastewater effluent), unknown sources where chlorine usage is suspected (such a new client or a new source) and all potable water sources (including source water) shall be checked for absence of chlorine residual."*

b) This would seem to suggest that all Colilert bottles for TC/EC and HPC would have to be checked for chlorine residual.

c) There are however provisos: *"Laboratories that receive samples from potable water sources (including source water) that have a demonstrated history of acceptable preservation*

may check a sample from each source at a frequency of once per month if":

I. *"the laboratory can show that the received sample containers are from their laboratory;*

II. *sufficient sodium thiosulfate was in each container before sample collection to neutralize at minimum 5 mg/L of chlorine for drinking water and 15 mg/L of chlorine for wastewater samples;*

III. *one container from each batch of laboratory prepared containers or lot of purchased ready-to-use containers is checked to ensure efficacy of the sodium thiosulfate to 5 mg/1 chlorine or 15 mg/L chlorine as appropriate and the check is documented;*

IV. *chlorine residual is checked in the field and actual concentration is documented with sample submission."*

V. This requirement is not found in any approved method so ELAP will have to be trained on this as well as the actual method requirements. This places additional and unneeded burdens on ELAP staff.

d) A second example comes from Volume 2 Section 6.0 which requires: *"[ELAP] shall assess the laboratory to ensure that PT samples are tracked, prepared, and analyzed in the same manner as routine samples. The Primary AB shall require the laboratory demonstrate through their records that..."* a through g.

I. This requires that ELAP staff will have to review all data from all PT samples on each OSA.

II. It creates an additional set of requirements that ELAP staff have to be trained for.

III. It adds a great deal more work as ELAP staff have to review the analytical batch for all PT samples.

f. TNI would be very labor intensive

i. Again using PWP's laboratory as an example, for ELAP to incorporate the Quality System's General Requirements and the Modules 4 & 5 could triple the amount of time ELAP staff would have to spend just at the location for the OSA. This would also triple the amount of time spent in preparation for the OSA and for follow-up.

ii. ELAP had been an NELAP approved Accreditation Body for many years, approximately from 2000 – 2014. When ELAP offered TNI (NELAP) accreditation, their fees were three times higher than for their conventional accreditation. When ELAP proposed those fees, they justified them by saying that a NELAP OSA took three times as much effort. This analysis would appear to support that assessment.

iii. Suffice it to say it is clear that if ELAP were to adopt even just part of the TNI document, it would require vast amount of time to both train ELAP staff and for ELAP staff to actually implement.

iv. On page iv of the ERP's final report it notes: "*ELAP has insufficient resources to accomplish its mission"*, an assessment that many familiar with the ELAP would readily agree with. However, given this reality, it is hard to see how burdening ELAP's limited personnel resources with three times the necessary work makes any sense.

v. The TNI requirements can be vague, ambiguous, difficult to implement, and do not serve to assist ELAP in protecting public health. These requirements do not provide any additional protection to public health nor do they improve the accuracy or precision of the laboratory results.

vi. Many TNI requirements do not have any objective standard. In this case, there is no explanation as to what is or is not an acceptable policy or procedure. How do assessors assess a policy without any standard to compare it to? This is a "Standardless Requirement".

   a) For example requirement 4.6.1 says: *"The laboratory shall have a policy and procedure(s) for the selection and purchasing of services and supplies it uses that affect the quality of the tests and/or calibrations. Procedures shall exist for the purchase, reception and storage of reagents and*

laboratory consumable materials relevant for the tests and calibrations."

b) Another example of requirements that are vague, ambiguous, difficult to implement, and do not serve to assist ELAP in protecting public health is from Section 4.5 on Subcontracting where sub sections contradict each other. Section 4.5.5 requires the use of TNI accredited laboratories as sub-contractors while 4.5.1 has a very broad definition.

I. 4.5.1 says: *"When a laboratory subcontracts work, whether because of unforeseen reasons (e.g. workload, need for further expertise or temporary incapacity) or on a continuing basis (e.g. through permanent subcontracting, agency or franchising arrangements), this work shall be placed with a competent subcontractor. A competent subcontractor is one that, for example, complies with this International Standard for the work in question."*

II. However 4.5.5 says: *"When a laboratory subcontracts work, this work shall be placed with a laboratory accredited to this Standard for the tests to be performed or with a laboratory that meets applicable statutory and regulatory requirements for performing the tests and submitting the results of tests performed. The laboratory performing the subcontracted work shall be indicated in the final report. The laboratory shall make a copy of the subcontractor's report available to the client when requested."*

g. At the June 2016 ELTAC meeting two presentations were given by laboratory directors working at sewage treatment plants which had voluntarily become TNI compliant. Both reported that their on-site assessments last four days each. In previous ELTAC meeting Richard Spinner, then head of the Audit Unit, said that TNI on-site assessment took three times as long as conventional on-site assessments. This is consistent with Chris Gunning's presentation at Costa Mesa where he said that Volume 1 Module 2 took an entire day all by itself.

h. Using TNI requirements to supplement existing requirements would be counter-productive to ELAP. It would drain resources while providing no additional benefits to ELAP as compared to using the existing requirements.

7) Second Criterion

The needs of the laboratories are largely the same as ELAP. The TNI documents alone are huge, and can be complex, ambiguous, vague, and time-consuming to read and understand. Vast amounts of new resources will be drawn into the process of accreditation if TNI were to be incorporated into ELAP's Accreditation Standard. Given the fact that incorporating TNI into ELAP's Accreditation Standard is not intended to help the laboratories (it is to help ELAP according to the original ERP charge questions), it is hard to make the case for including TNI documents. If anything, the case is even stronger for the laboratories for not including the TNI documents. ELAP staff at least is made up of full time accreditation officers; they have more of a basis to learn all of the additional requirements. Most laboratories do not have the resources to review and incorporate the TNI documents. 80% of laboratories accredited by ELAP have five or fewer staff members, a great many have only one or two, and quite a few do not even have single full time laboratory staff member. Some laboratories consist only of operators who spend a few hours a week in the laboratory and the director is simply a supervisor who oversees several units, the laboratory is just one. TNI would be a great more work without any benefits to the laboratories. The core function of environmental laboratories accredited by ELAP is to perform analysis based on approved method and TNI does nothing to improve that. Indeed, it does not appear to be a priority at all.

8) Third Criterion

TNI does nothing to assist ELAP's Regulatory Partners ability to do their job. The Regulatory Partners can and have used QSs when they need to which are based upon the EPA's QSs. Different programs and projects have different DQOs, DQIs, and MQOs but those are captured in the QMPs and QAPPs. Whether a laboratory is accredited by ELAP or not, the laboratory has to comply with the QMP and QAPP, it is or can be made a condition of the contract rather like the EPA's Contract Laboratory Program. Further, as already noted, most of a QS is outside of the laboratory system and ELAP's jurisdiction. It is not clear that ELAP needs to be part of a QS but if it is to be, it should part of an existing QS that the Regulatory Partners are already using. This is not TNI.

9) Conclusion

The fundamental problem that caused ELAP's problems was the lack of leadership and management skills as well as out of date regulations and statutes. The old Accreditation Standard was a problem but it was not the

main problem. Adopting a new Accreditation Standard will be helpful but will not provide ELAP's with leadership or management. Given these realities, including TNI requirements into ELAP's Accreditation Standard simply does not make sense. This is true whether the question is examined from the point of view of restoring ELAP's ability to function or from the needs of the laboratory community. Using the TNI documents as part of ELAP's new Accreditation Standard would place an undue burden on the ELAP program, creating a drain on limited resources while providing no additional benefits. The use of standardless requirements, which produce vague and ambiguous documents actually amplifies ELAP's historic problem with inconsistency among assessors. It will vastly expand the amount of time and resources ELAP staff will be required to conduct for OSAs.

Attachment A

Quality System for Air Monitoring

White Paper #2: The Impact of TNI on Government Owned Laboratories in California, Florida, and New York

By David Kimbrough, Pasadena Water & Power

When the States of Florida and New York required all laboratories to be NELAP/TNI compliant the number of government owned laboratories decreased while when California allowed laboratories to choose to the use TNI, the number of government owned laboratories increased.

Presented to the Environmental Laboratory Technical Advisory Committee, June 15, 2016

1. Background

In 2015 the State Water Resources Control Board established The Expert Review Panel (ERP) was created to address the many shortcomings of the previous management of the Environmental Laboratory Accreditation Program (ELAP). The ERP made a number of recommendations, one of which was for ELAP to adopt a new Accreditation Standard. Here is what the ERP wrote:

"Adopt laboratory accreditation standards: The use of an appropriate accreditation standard by which laboratories are assessed is critical to ELAP's credibility, to the usability of the data generated, and to the general success of the program. The laboratory standards ELAP is using are insufficient and out of date. The State should adopt an existing, external set of accreditation standards as an immediate remedy and, in the future, refine it to enhance alignment with State-specific needs. ***The accreditation standards chosen must include quality system and method-based requirements****."*

No one to date has disagreed with the general point, ELAP's Accreditation Standard, which is its regulations, is badly out of date. The portion of ELAP's regulations dealing with data quality is very thin. No one has disagreed that ELAP needs a new Accreditation Standard. The main area of contention to date has been whether a new Accreditation Standard really needs to include a Quality System and if so, how that Quality System should be structured.

The ERP provided Three Options, or general approaches, for how to develop a Quality System. The ERP has suggested that accreditation requirements found in the documents of The NELAC Institute (TNI) would be helpful to ELAP, either in part or in their entirety, as a basis for the Quality System component of the new Accreditation Standard. Since the ERP's report has been released this one part of the ERP report has been the source of considerable controversy. Many

laboratories have objected to the use of TNI as the basis for the Quality Systems component of a new Accreditation Standard. They argue that the requirements found in the TNI documents are vague, ambiguous, and onerous. Further they do not little if anything to improve data quality. They also note that the documents contain a vast number of requirements that produce an undue burden on laboratories. For example, in just Volume 1, Module 2 alone there are 231 separate management requirements and 300 technical requirements which every laboratory, no matter how large or small, must comply with. There many more requirements found in the other modules of Volume 1 and 2. While this is a considerable amount of work for any laboratory to comply with, it is particularly a problem for smaller laboratories. 80% of laboratories accredited by ELAP have five staff members or fewer and many do not even have full time dedicated laboratory staff member. Many smaller treatment facilities have certified operators and other staff who share the laboratory work.

Most of the discussion to date has been about the ***potential impact*** of using TNI quality systems as part of the Accreditation Standard on smaller laboratories. There has been little discussion about the ***actual impact*** of the use of TNI on real laboratories where TNI quality systems have already been implemented. Among first states to adopt TNI were California, Florida, and New York. So in an attempt to measure the real effects of TNI in practice a study was conducted to assess the impact of TNI on laboratories owned by governments in these three states.

2. Study Design

The approach of this study was to examine the number of accredited laboratories owned by governments in a state where TNI quality systems were implemented and how those numbers changed over the years and compare that to the change in numbers of government owned laboratories in a state where TNI quality systems were not required.

In 2000 the State of Florida adopted the November 1998 National Environmental Accreditation Conference (NELAC, the predecessor of TNI) and adopted the 2003 NELAC requirements in 2002. California likewise authorized ELAP to adopt regulations to enforce the 1998 NELAC requirements. Other state laboratory accreditation programs did the same thing, such as New York and California.

Some states, like Florida and New York, required all laboratories to comply with the TNI quality systems requirements. Other state programs, such as California and Louisiana allowed each laboratory to choose whether they wanted to use the TNI quality system or not. Virginia and Wisconsin require commercial laboratories to use TNI quality system but not non-commercial laboratories.

So Florida and New York represent good test cases for the impacts of requiring TNI requirement on smaller government owned laboratories. More importantly the Florida Department of Environmental Protection maintains two databases that are available on line. One is a list of all currently accredited laboratories, the "Active" database. The other database includes all laboratories which were once accredited by the Florida Department of Health (FDOH) but are no longer. New York likewise has an on-line database for currently accredited laboratories and the author of this report has a database of TNI (NELAP) accredited laboratories from 2001.

California represents the other extreme; no government owned laboratories were required to use the TNI quality system and none chose to do so. The California Environmental Laboratory Accreditation Program (ELAP) has a database of currently accredited laboratories. This can be compared to past versions of that database. The author has a database of California ELAP laboratories from 2001 and downloaded both the list of currently accredited laboratories and a database from 2008.

By comparing the how the number of government owned laboratories changed between these three states, the actual impact of requiring the use of the TNI quality system on government owned laboratories can be assessed.

3. Results

a. Florida

The Florida DOH databases contain the dates of when the status of a laboratory was changed, e.g. from "State" to "NELAP" or "State" to "Inactive" for each Field of Accreditation that the laboratory had. Addresses and telephone numbers were also available in both databases. Laboratories physically located in the State of Florida and those without are both included. These databases were created in March of 2002 and records of changes in status prior to that are not available.

https://fldeploc.dep.state.fl.us/aams/index.asp

There are a total of 376 laboratories in the Inactive database and 368 in the Active database. There were 202 Inactive laboratories which were physically located in Florida as were 233 Active laboratories. 89 of these inactive laboratories are associated with local municipalities and other government agencies, mostly laboratories associated with sewage treatment plants but also drinking water facilities, county and state public health laboratories, and university laboratories. Among the active laboratories located in Florida, there

were 109 utility owned (both public and private), 77 commercial, 21 Environmental Pollution laboratories, 11 Department of Health (State or County) laboratories, six university laboratories, three Federal laboratories, and 12 "others". Non-government laboratories on the inactive list included bottled water companies (Zephyrhills Spring Water Company), private utilities (The Villages Environmental Laboratory), commercial laboratories (Advanced Environmental Laboratories, Inc. – Gainesville), in-house laboratories (Tropicana), and so forth.

Not all of these inactive laboratories actually ceased to exist or even lost accreditation. This could be determined by determining which county the Inactive laboratory was physically located and then checking all laboratories in that county in the Active database. Some laboratories had simply changed their names, or moved to new locations, or were purchased by other laboratories, or were consolidated after a parent company was purchased. Zephyrhills Spring Water Company was purchased by a larger firm which already had a laboratory at another facility. Advanced Environmental Laboratories, Inc. – Gainesville simply moved a few blocks away and got a new certificate number.

However those reasons rarely apply to the government laboratories listed, although it did in some cases. Port St. Lucie Utility Systems Department Laboratory(E56489) was listed as inactive but had simply been renamed and given a new Department of Health (DOH) certificate number (E56718). In another case the City of Cocoa had had two laboratories, one for their wastewater treatment plant and one for their drinking water plant. After NELAP was implemented, the two were consolidated and the wastewater laboratory was closed. There were 10 government owned laboratories that were either moved, had a name change, or were consolidated. There were 79 that closed altogether.

For example of how this analysis worked, the City of Atlantic Beach had a laboratory (E52465) in their small Wastewater Treatment Plant (3.5 MGD). In the Inactive database this laboratory was recorded as analyzing Biochemical Oxygen Demand (BOD), Fecal Coliforms, Dissolved Oxygen, Chlorine Residual, Total Suspended Solids, Temperature, and pH. When these analytes were queried as to when the laboratory the results indicated that it had closed before March of 2002. A review of all laboratories in Duval County revealed no laboratories in Atlantic Beach at all and none associated with the City of Atlantic Beach anywhere in Duval County. The Director of the City's plants was contacted via email. He indicated in an email response that the City had closed its laboratory because of the expenses associated with NELAP accreditation (see below).

The City of Bartow Wastewater Treatment Plant Laboratory (E54339) is also listed as inactive. However a review of the database revealed no information about when the City of Bartow relinquished its accreditation. A telephone call to the treatment plant operator on duty revealed that the plant had indeed dropped their accreditation as soon as the TNI requirements were added

Of the 79 government owned laboratories located in Florida that actually closed completely, 44 of these laboratories closed within six years of Florida requiring all laboratories to comply with NELAP/TNI requirements. These laboratories tended to be smaller, performing smaller numbers of tests which were generally simpler and were associated with utilities, such as a sewage treatment plant. For example the City of Belle Glade's Wastewater Treatment Plant had been accredited for 17 analytes, including pH, NH3, NO3, NO2, TKN, Organic Nitrogen, BOD, DO, Chloride, Phosphorus, Conductivity, TDS, TSS, Total Coliforms, Fecal Coliforms, and E. coli. This laboratory, which is located in Palm Beach County, relinquished its accreditation in 2003. The laboratories that closed after the first six years tended to be the State and County public health laboratories. A few of these laboratories performed more complex tests, such as the Polk County Health Department laboratory analyzed Gross Alpha, Gross Beta, Radium 226, and Radium 228 which closed in 2016.

See Figure 1

b. California

In contrast, in California, in 2001 there were 727 certificates of accreditation issued to laboratories both physically in California and outside. Today there are 734 certificates, 108 of which are for laboratories located outside the State of California. Some certificates were for mobile laboratories and some laboratories held two certificates, one for NELAP accreditation and one for non-NELAP accreditation. So there is not a one to one correspondence between the number of certificates and the number of laboratories but the number of laboratories with more than certificate is not large. Moreover, government owned laboratories do not have multiple certificates except when they have separate multiple fixed location laboratories.

In 2001 there were 284 government owned laboratories that were accredited by ELAP. By 2008 the number had grown to 312 and by 2015 the numbers was 345, an increase of 61. This despite the fact that 35 government owned laboratories had closed or were consolidated. For example, the Ventura Regional Sanitation District closed their laboratory in 2005 and contracted out all of their laboratory work. Scott Valley Water District made a similar decision about the

same time. Many of the government owned laboratories that closed were military facilities which closed, such as Brooks Air Force Base which closed in 2002. The City of Oxnard had two laboratories listed in 2001 but now only has one. The Elsinore Valley Municipal Water District closed its Canyon Lake Treatment Plant laboratory but maintains their Regional Laboratory. Los Alisos Water District merged with the El Toro Water District so their laboratories merged as well. Despite these closings many more government owned laboratories opened. Alameda County Water District, the California Men's Colony, and East Bay Municipal Utilities District all had laboratories in 2001 but opened second laboratories after 2008. The Cities of Arcata, Auburn, Banning, Calistoga, Pacifica, Paso Robles, Pismo Beach, and Hollister opened new laboratories after 2001. Cambria Community Services District (CSD, Quincy CSD, Rancho Murrieta CSD, Quartz Valley Indian Reservation all added new laboratories.

See Figure 2

c. New York

As noted earlier, the New York Environmental Laboratory Accreditation Program (NY ELAP) has an on-line database of currently accredited laboratories.

http://www.wadsworth.org/regulatory/elap/certified-labs

This database was queried for all government owned laboratories that were physically located in the State of New York. There were 121. The 2001 database was queried for all laboratories physically located in the State of New York. There was no field for whether they were government owned or not. Then the list from the 2001 was compared to the 2016 list and all of the laboratories that were on both lists were laboratories were identified. Then the 2001 database was searched for government laboratories not found in the 2016 database. There were 221 government owned laboratories in the 2001, a difference of 100. Actually more than 100 government laboratories were no longer accredited but there were a number of new government laboratories that added accreditation. One laboratory that closed was actually moved and renamed. The Hawthorne Laboratory in Hawthorne had been the Kensico Laboratory in Vahalla.

4. Conculsions

All three states, California, Florida, and New York had adopted the use of TNI requirements at the same time. Florida and New York required all laboratories to comply with the TNI requirements while California allowed laboratories to choose. Between 2001 and 2015 the number of government laboratories, particularly smaller utility laboratories decreased in both Florida and New York while in California the numbers increased. The data would indicate that the undue burden and excessive efforts to maintain TNI accreditation was the cause of the decline in the number of government laboratories in these two states.

Addendum 1

Email from the City of Atlantic Beach

Mr. Kimbrough,

Yes, it was cost effect for us to sent lab work out than keep our accreditation. We have a small Wastewater Plant (3.5 MGD) with minimum staff.

Harry McNally
Plants Division Director
City of Atlantic Beach
902 Assissi Lane
Atlantic Beach Fl 32233
Phone: 904-247-5838
Fax: 904-242-3475
E-mail: hmcnally@coab.us

From: Kimbrough, David [mailto:dkimbrough@cityofpasadena.net]
Sent: Wednesday, April 27, 2016 7:39 PM
To: Mc Nally, Harry
Subject: Laboratory Accreditation

Mr. McNally,

I am writing in regards to the City of Atlantic Beach's Wastewater Treatment Plant's (WTP) laboratory. I run a small municipal laboratory for the City of Pasadena here in California which is accredited by the State of California. The Florida Department of Environmental Protection maintains two databases of laboratories accredited by the State of Florida, those that are active and those that are inactive. The City of Atlantic Beach's WTP's laboratory is listed in the inactive database. According to the data, the lab had relinquished accreditation some times before 2002.

If you do not mind my asking, why did the WTP drop its accreditation? Did it has something to do with NELAP accreditation?

Thank you for your attention in this matter.

David Eugene Kimbrough, Ph.D.
Water Quality Manager
Pasadena Water & Power
150 S. Los Robles
Suite 200
Pasadena, CA 91101
Before Noon – 626.744.3704
After Noon - 626.744.7315
F626.396.7428

Addendum 2

Email from the Orange County, Florida

In Florida yes. Many of the smaller utility labs dropped participation and went to larger commercial labs to get their work done.
Kim

From: Kimbrough, David [mailto:dkimbrough@cityofpasadena.net]
Sent: Wednesday, November 04, 2015 6:33 PM
To: Kunihiro, Kim
Subject: RE: NELAP - TNI

Hello,

If I recall correctly, a significant number of smaller labs dropped out of the accreditation program when TNI became mandatory way back when. Did I remember that correctly?

David.

From: KIM.KUNIHIRO@ocfl.net [mailto:KIM.KUNIHIRO@ocfl.net]
Sent: Wednesday, November 04, 2015 2:53 PM
To: Kimbrough, David
Subject: RE: NELAP - TNI

Yes
We are still a NELAP/TNI approved lab. Would be happy to discuss with you. I was on vacation for a week because my daughter got married but have some time on Friday if you want to talk
Kim
[redacted]

From: Kimbrough, David [mailto:dkimbrough@cityofpasadena.net]
Sent: Tuesday, November 03, 2015 12:53 PM
To: Kunihiro, Kim
Subject: NELAP - TNI

Hello Kim,

I do not know if you remember me but I was with Castaic Lake Water Agency and we spoke a number of times about the situation in Florida in regards to NELAP and TNI. Are you still involved in all of that? If so, could we talk some more?

David Eugene Kimbrough, Ph.D.
Water Quality Manager
Pasadena Water & Power
150 S. Los Robles
Suite 200
Pasadena, CA 91101
Before Noon – 626.744.3704
After Noon - 626.744.7315
F626.396.7428

Figure 1

Government Run Laboratories on the Inactive List
With Department of Health ID#, Organization Name, Year Accreditation was Relinquished, and Current Status

DOH ID	Organization	Year	County	Status
E72949	UF-IFAS Wetland Biogeochemistry Laboratory		Alchua	Moved
E22794	FL Dept. of Health - Bradford County Health Department	2005	Bradford	No Lab
E63359	Kennedy Space Center Laboratory for Sewage Treatment Operations		Brevard	Renamed
E53727	City of Cocoa Water Treatment Plant		Brevard	Consolidated
E53456	Brevard County Utility Services - Mims Water Treatment Plant	2001	Brevard	No Lab
E56756	City of Lauderhill Water Treatment Plant	2003	Broward	No Lab
E56300	City of Pembroke Pines Wastewater Treatment Plant	2013	Broward	No Lab
E56721	City of North Lauderdale Water Plant	2004	Broward	No Lab
E56725	City of Tamarac Utilities Laboratory	2015	Broward	No Lab
E46093	Coral Springs Improvement District Laboratory	2002	Broward	No Lab
E56744	City of Hallandale Beach Water Treatment Plant	2006	Broward	No Lab
E34830	FL DEP - South District Laboratory	2008	Charolette	No Lab
E24768	FL Dept. of Health - Citrus County Health Department	2012	Citrus	No Lab
E96766	Miami-Dade County Public Schools, Department of Materials Testing and Evaluation	2011	Dade	No Lab
E661069	NOAA - AOML Nutrient Laboratory	2013	Dade	No Lab
E06897	UF-TREC Soil and Water Laboratory	2011	Dade	No Lab
E32890	FL DEP - NE District	2008	Duval	No Lab

E52465	City of Atlantic Beach Wastewater Treatment Plant	2001	Duval	No Lab
E11062	FL Department of Health - Pensacola Branch Laboratory	2015	Escambia	No Lab
E31887	FL DEP - NW District Chemistry Laboratory	2008	Escambia	No Lab
E71176	University of West Florida Wetlands Research Laboratory		Escambia	Moved
E51289	City of Port St. Joe Wastewater Treatment Plant Laboratory	2005	Gulf	No Lab
E54466	City of Wauchula Wastewater Treatment Plant	2003	Hardee	No Lab
E24704	FL Dept. of Health - Hernando County Health Department	2002	Hernando	No Lab
E55378	City of Sebring Wastewater Treatment Plant	2003	Highland	No Lab
E25705	FL Dept. of Health - Highlands County Health Department	2013	Highland	No Lab
E34886	FL DEP - SW District Chemistry Laboratory	2008	Hillsborough	No Lab
E44301	Plant City Water Pollution Control Laboratory	2003	Hillsborough	No Lab
E43877	City Of Vero Beach, Wastewater Treatment Plant	2012	Indian River	No Lab
E53303	City of Vero Beach Environmental Control Laboratory	2005	Indian River	No Lab
E53306	City of Leesburg Wastewater Utility Laboratory	2014	Lake	No Lab
E51431	Florida State Hospital Wastewater Treatment Plant	2005	Lee	No Lab
E45849	Fiesta Village Wastewater Laboratory	2014	Lee	No Lab
E55419	Bonita Springs Utilities WRF Lab	2001	Lee	No Lab
E31640	FL DEP - Central Laboratory/Innovation Park Satellite Laboratory		Leon	Moved
E54461	City of Bradenton Water Reclamation Laboratory	2012	Manatee	No Lab
E54712	City of Bradenton Water Treatment Plant Laboratory	2005	Manatee	No Lab
E23708	FL Dept. of Health - Marion County Health Department	2011	Marion	No Lab

E63507	U.S. Geological Survey, WRD, OWQRL	2005	Marion	No Lab
E52335	City of Fernandina Beach Wastewater Treatment Plant	2006	Nasau	No Lab
E51561	Niceville, Valparaiso, Okaloosa County Regional Sewer Board, Inc.		Okaloosa	Renamed
E51497	City of Mary Esther Wastewater Treatment Plant	2003	Okaloosa	No Lab
E56584	Okeechobee Utility Authority Wastewater Treatment Plant Laboratory	2014	Okeechobee	No Lab
E56970	Okeechobee Utility Authority Wastewater Treatment Plant	2002	Okeechobee	No Lab
E56723	Okeechobee Utility Authority Water Treatment Plant	2005	Okeechobee	No Lab
E33863	FL DEP - Central District Laboratory	2008	Orange	No Lab
E13800	FL Dept. of Health - Bureau of Radiation Control	2012	Orange	No Lab
E53136	City of Winter Park Estates Laboratory	2007	Orange	No Lab
E43155	Orange County Environmental Protection Division	2004	Orange	No Lab
E53321	City of Winter Garden Wastewater Pollution Control Facility		Orange	Renamed
E53421	City of St. Cloud Water and Wastewater Facilities	2002	Osceola	No Lab
E16122	FL Department of Health - West Palm Beach Branch Laboratory	2011	Palm Beach	No Lab
E56264	City of Royal Palm Beach Utilities Dept. Wastewater Treatment Plant Laboratory	2006	Palm Beach	No Lab
E56034	City of Belle Glade Wastewater Treatment Plant	2003	Palm Beach	No Lab
E24709	FL Dept. of Health - Pinellas County Health Department	2010	Pinellas	No Lab
E54369	City of Tarpon Springs Wastewater Treatment Plant	2005	Pinellas	No Lab
E54508	City of Dunedin Wastewater Treatment Plant	2010	Pinellas	No Lab
E54743	City of St. Petersburg - Cosme	2005	Pinellas	No Lab

	Water Treatment Plant Laboratory			
E74916	University of South Florida	2012	Pinellas	No Lab
E54020	City of Clearwater - Marshall Street Water Pollution Control Laboratory	2003	Pinellas	No Lab
E24710	FL Dept. of Health - Polk County Health Department	2016	Polk	No Lab
E54339	City of Bartow Wastewater Treatment Plant Laboratory	2001	Polk	No Lab
E54373	City of Haines City Wastewater Treatment Plant	2005	Polk	No Lab
E84746	FL DACS Central Dairy Laboratory	2001	Polk	No Lab
E54336	City of Fort Meade Wastewater Treatment Plant Laboratory	2001	Polk	No Lab
E54066	City of Winter Haven Wastewater Treatment Plant #3	2006	Polk	No Lab
E54305	City of Winter Haven Wastewater Treatment Plant #2 - Lake Conine	2004	Polk	No Lab
E54266	City of Auburndale Wastewater Laboratory	2003	Polk	No Lab
E52474	City of Palatka Wastewater Treatment Plant	2004	Putnam	No Lab
E22779	Dept. of Health - Putnam County Environmental Health Department	2005	Putnam	No Lab
E54426	City of Venice - Eastside Wastewater Treatment Plant	2003	Sarasota	No Lab
E54524	Florida Governmental Utility Authority - Gulf Gate Laboratory	2003	Sarasota	No Lab
E24711	FL Dept. of Health - Sarasota County Health Department	2009	Sarasota	No Lab
E54736	City of Sarasota Water Plant Laboratory		Sarasota	Moved
E54326	City of Venice Water Reclamation Laboratory	2004	Sarasota	No Lab
E53372	City of Sanford Water Reclamation Facility Laboratory	2004	Seminole	No Lab
E53390	Seminole County Environmental Services Greenwood Lakes Treatment Plant	2002	Seminole	No Lab

E53416	City of Winter Springs Wastewater Reclamation Facility	2015	Seminole	No Lab
E22770	FL Dept. of Health - St. Johns County Health Department - Environmental Eng.	2011	St. Johns	No Lab
E76888	University of Florida Soil and Water Science Laboratory	2012	St. Lucie	No Lab
E26789	FL Dept. of Health - St. Lucie County Health Department	2007	St. Lucie	No Lab
E76857	UF / IFAS / IRREC - Lab 25 (C. Wilson)	2015	St. Lucie	No Lab
E56489	Port St. Lucie Utility Systems Department Laboratory		St. Lucie	Moved
E36885	FL DEP - SE District Lab	2007	St. Lucie	No Lab
E52400	City of Perry Wastewater Treatment Plant	2002	Taylor	No Lab
E23111	Volusia County Environmental Health Laboratory	2014	Volusia	No Lab
E53732	City of New Smyrna Beach Water Treatment Plant Laboratory	2006	Volusia	No Lab
E53758	Port Orange Utility - Garnsey Water Treatment Plant Laboratory		Volusia	Consolidated
E53343	City of Ormond Beach Public Utilities	2005	Volusia	No Lab

Figure 2

Government Run Laboratories Accredited by California ELAP in 2001, 2008, and 2016 and Current Status

2001	2008	2015	Status
AGUA DE LEJOS TREATMENT PLANT LABORATORY	x	Agua De Lejos Treatment Plant Laboratory	
ALAMEDA COUNTY ENVIRONMENTAL HEALTH LABORATORY			**Consolidated**
ALAMEDA COUNTY PUBLIC HEALTH LABORATORY	x	Alameda County Public Health Laboratory	
ALAMEDA COUNTY WATER DISTRICT	x	Alameda County Water District Water Quality Lab	
		Alameda County Water District Water Treatment Plant 2	
		Alvarado Wastewater Chemistry Lab.	
	x	American Canyon Wastewater Treatment Laboratory	
ANTELOPE VALLEY-EAST KERN WATER AGENCY	x	Antelope Valley-East Kern Water Agency	
		Arcata - City Water Quality Laboratory	
	x	Banning - City WWTP Laboratory	
BARSTOW WASTEWATER RECLAMATION LABORATORY	x	Victor Valley Wastewater Reclamation Authority Lab	
BIG BEAR AREA REGIONAL WASTEWATER AGENCY	x	Big Bear Area Regional Wastewater Agency	
BRYTE BEND WATER TREATMENT PLANT LABORATORY	x	Bryte Bend Water Treatment Plant - City of Sacramento	
BURBANK CITY WATER DEPARTMENT	x	Burbank City Water and Power	
BROOKS AIR FORCE BASE ARMSTRONG LABORATORY / OEA			**Closed**
BURBANK WASTEWATER TREATMENT FACILITY	x	City of Burbank Water Reclamation Plant	

LABORATORY		Laboratory	
CALIFORNIA DEPARTMENT OF WATER RESOURCES	x	CA Dept of Water Resources Bryte Chemical Laboratory	
CALIFORNIA DEPARTMENT OF CORRECTIONS	x	California Men's Colony Wastewater Treatment Plant	
	x	California Men's Colony Water Treatment Plant	
CALIFORNIA DEPARTMENT OF FISH AND GAME	x	CA Dept of Fish & Game, Fish & Wildlife Water Pollution	
	x	CA Dept.of Food & Ag, Center for Analytical Chemistry	
DEPT OF PARKS AND RECREATION LABORATORY	x	Cal Dept of Parks and Recreation Laboratory	
	x	California Fish & Game - Aquatic Toxicology Lab	
CAMARILLO SANITARY DISTRICT		Camrosa Water Reclamation Facility Laboratory	
	x	Cambria Community Services District	
		Calistoga City Dunaweal WWTP Laboratory	
CAMROSA WATER DISTRICT LABORATORY	x	Camrosa Water District Laboratory	
CANYON LAKE WATER TREATMENT PLANT LAB		(EVMWD)	**Consolidated**
CARMEL AREA WASTEWATER DISTRICT	x	Carmel Area Wastewater District	
CARMEL VALLEY COUNTY SANITATION DISTRICT			**Closed**
CARPINTERIA SANITARY DISTRICT LABORATORY	x	Carpinteria Sanitary District	
CASITAS MUNICIPAL WATER DISTRICT	x	Casitas Municipal Water District	
CASTAIC LAKE WATER AGENCY	x	Castaic Lake Water Agency	
CENTRAL COAST WATER AUTHORITY	x	Central Coast Water Authority	
CENTRAL CONTRA COSTA	x	Central Contra Costa	

SANITARY DISTRICT		Sanitary District	
CENTRAL MARIN SANITATION AGENCY	x	Central Marin Sanitation Agency	
CHINO BASIN MUNICIPAL WATER DISTRICT			**Closed**
CITY OF ANAHEIM WATER QUALITY LABORATORY	x	City of Anaheim Water Quality Laboratory	
CITY OF ANTIOCH WATER TREATMENT PLANT	x	City of Antioch	
		City of Auburn - Operation Management International	
CITY OF ATWATER	x	City of Atwater Wastewater Treatment Facility Lab.	
CITY OF AVALON	x	City of Avalon Wastewater Treatment Facility Laboratory	
CITY OF BAKERSFIELD - WASTEWATER TREATMENT PLANT 3	x	City of Bakersfield - Wastewater Treatment Plant #3	
CITY OF BAKERSFIELD WASTEWATER TREARMENT PLANT 2	x	City of Bakersfield Wastewater Treatment Plant #2	
	x	City of Banning WWTP Laboratory	
CITY OF BENICIA WASTEWATER FACILITY	x	City of Benicia Wastewater Laboratory	
CITY OF BENICIA WATER TREATMENT PLANT LABORATORY	x	City of Benicia Water Plant Laboratory	
		City of Brentwood Water Quality Laboratory	
CITY OF BRAWLEY	x	City of Brawley Wastewater Laboratory	
CITY OF BURLINGAME WASTEWATER TREATMENT PLANT	x	Veolia Water ~ Burlingame Wastewater Facility	
	x	City of Calexico	
CITY OF CHICO WATER POLLUTION CONTROL PLANT	x	City of Chico Water Pollution Control Plant Lab	
CITY OF COALINGA WATER TREATMENT PLANT LAB			**Closed**
	x	City of Corning -	

		Wastewater Treatment Plant	
	x	City of Davis Wastewater Treatment Plant	
EL CENTRO WASTEWATER TREATMENT PLANT	x	City of El Centro Wastewater Treatment Plant	
CITY OF ESCONDIDO WATER QUALITY LABORATORY	x	City of Escondido Water Quality Laboratory	
CITY OF EUREKA WATER AND WASTEWATER LABORATORY	x	City of Eureka Water & Wastewater Laboratory	
CITY OF FAIRFIELD WATER TREATMENT PLANT	x	City of Fairfield	
CITY OF FORTUNA WASTEWATER TREATMENT PLANT	x	City of Fortuna Wastewater Treatment Plant	
	x	City of Fresno Surface Water Treatment Facility	
CITY OF FRESNO WASTEWATER MANAGEMENT LABORATORY	x	City of Fresno Wastewater Management Division Lab	
CITY OF GRASS VALLEY	x	City of Grass Valley - Water Quality Laboratory	
CITY OF HANFORD - WASTEWATER TREATMENT PLANT LAB	x	City of Hanford Wastewater Treatment Plant	
CITY OF HAYWARD WPCF LABORATORY	x	City of Hayward Wpcf Laboratory	
CITY OF HOLLISTER TREATMENT PLANT	x	City of Hollister Treatment Plant	
CITY OF HOLTVILLE			**Closed**
CITY OF IMPERIAL WASTEWATER PLANT LABORATORY			**Closed**
CITY OF LIVERMORE WATER RECLAMATION PLANT	x	City of Livermore Water Reclamation Plant	
CITY OF LODI WHITE SLOUGH WPCF	x	City of Lodi White Slough WPCF Lab	
CITY OF LOMPOC WATER TREATMENT PLANT	x	City of Lompoc Water Treatment Plant Lab	
CITY OF LOS ANGELES DEPT OF WATER & POWER	x	City of Los Angeles DWP	
CITY OF LOS ANGELES DEPT.	x	City of Los Angeles DWP	

OF WATER & POWER		Environmental Lab.	
CITY OF LOS ANGELES STANDARDS TESTING LABORATORY	x	City of Los Angeles DWP-Standards Testing Labor	
	x	City of Madera WWTP Laboratory	
CITY OF MANTECA WQCF LAB	x	City of Manteca WQCF Lab	
CITY OF MARTINEZ WATER TREATMENT PLANT	x	City of Martinez	
CITY OF MERCED WASTEWATER TREATMENT PLANT	x	City of Merced Wastewater Laboratory	
CITY OF MILLBRAE WATER POLLUTION CONTROL	x	City of Millbrae Water Pollution Control	
CITY OF MODESTO	x	City of Modesto Water Quality Laboratory	
CITY OF MT. SHASTA WASTEWATER LABORATORY	x	City of Mt Shasta Wastewater Laboratory	
CITY OF NAPA, PUBLIC WORKS DEPT.	x	City of Napa	
CITY OF NEEDLES			**Closed**
CITY OF OCEANSIDE	x	City of Oceanside Water Utilities Department Lab	
CITY OF ORANGE WATER DEPARTMENT	x	City of Orange	
CITY OF OXNARD LABORATORY SERVICES PROGRAM	x	City of Oxnard	
CITY OF OXNARD WATER LABORATORY			**Consolidated**
		City of Pacifica, Calera Creek Plant	
CITY OF PALM SPRINGS	x	Palm Springs Wastewater Treatment Plant	
CITY OF PASADENA WATER QUALITY LABORATORY	x	City of Pasadena Water Quality Laboratory	
		City of Paso Robles Water Quality Laboratory	
CITY OF PETALUMA WASTEWATER TREATMENT PLANT	x	City of Petaluma Water Quality Laborator	
		City of Pismo Beach Water	

		Quality Laboratory	
CITY OF PLACERVILLE, HANGTOWN CREEK WWTP	x	City of Placerville Water Reclamation Facility	
CITY OF POMONA WATER DIVISION LABORATORY	x	Pomona Treatment Plant Laboratory	
CITY OF PORTERVILLE LABORATORY	x	City of Porterville Laboratory	
CITY OF POWAY WATER TREATMENT PLANT			**Closed**
CITY OF RED BLUFF WATER RECLAMATION PLANT LAB.	x	City of Red Bluff Water Reclamation Plant Lab	
CITY OF REDDING PUBLIC WORKS DEPARTMENT	x	City of Redding Clear Creek Lab	
CITY OF REDDING STILLWATER WW TREATMENT FACILITY	x	City of Redding Stillwater Lab	
CITY OF REDLANDS LABORATORY	x	City of Redlands Joint Utilities Lab	
CITY OF REEDLEY WASTEWATER TREATMENT PLANT LAB.	x	City of Reedley Wastewater Treatment Plant Lab	
CITY OF RICHMOND WASTEWATER POLLUTION CONTROL PLT	x	City of Richmond Wastewater Treatment Plant L	
CITY OF RIVERSIDE LABORATORY SERVICES	x	City of Riverside - Laboratory Services	
CITY OF ROSEVILLE	x	City of Roseville Dry Creek Water Quality Lab	
		City of Roseville Pleasant Grove Water Quality Lab	
CITY OF SACRAMENTO WATER QUALITY LABORATORY	x	City of Sacramento, Water Quality Lab	
CITY OF SAN BERNARDINO WATER DEPARTMENT			**Closed**
CITY OF SAN BUENAVENTURA SANITATION LABORATORY	x	City of San Buenaventura Laboratory	
CITY OF SAN CLEMENTE WATER QUALITY LABORATORY	x	City of San Clemente Water Quality Laboratory	
CITY OF SAN DIEGO - MARINE MICRO LABORATORY	x	City of San Diego's Industrial Waste Laboratory	
CITY OF SAN DIEGO INDUSTRIAL WASTE	x	City of San Diego - Marine Microbiology Lab	

LABORATORY			
CITY OF SAN DIEGO WASTEWATER CHEMISTRY LABORATORY	x	City of San Diego Met. Wastewater Dept. Tox Lab	
CITY OF SAN DIEGO WATER QUALITY LABORATORY	x	City of San Diego Water Quality Laboratory	
CITY OF SAN LUIS OBISPO WATER RECLAMATION FACILITY	x	City of San Luis Obispo	
CITY OF SAN MATEO	x	City of San Mateo Wastewater Treatment Plant	
CITY OF SANTA BARBARA	x	City of Santa Barbara - Water Resources Lab	
CITY OF SANTA MARIA WASTEWATER TREATMENT LAB	x	City of Santa Maria Wastewater Treatment Plant Lab	
CITY OF SANTA MONICA WATER DIVISION	x	City of Santa Monica Water Quality Laboratory	
CITY OF SCOTTS VALLEY	x	City of Scotts Valley Wastewater Reclamation Facility Lab	
CITY OF SHASTA LAKE	x	City of Shasta Lake Wastewater Treatment Facility	
	x	City of Simi Valley Water Quality Control Laboratory	
	x	City of South San Francisco-San Bruno	
CITY OF STOCKTON MUNICIPAL UTILITIES DEPT. LAB	x	City of Stockton, Municipal Utilities Department	
CITY OF ST. HELENA			**Closed**
CITY OF SUNNYVALE WATER POLLUTION CONTROL LAB	x	City of Sunnyvale Environmental Laboratory	
CITY OF THOUSAND OAKS UTILITIES DEPARTMENT			**Closed**
CITY OF TRACY PUBLIC WORKS DEPARTMENT	x	City of Tracy Public Works Department Laboratory	
CITY OF TULARE WATER POLLUTION CONTROL FACILITY	x	City of Tulare	
CITY OF TURLOCK	x	City of Turlock	

CITY OF VACAVILLE WATER QUALITY LABORATORY	x	City of Vacaville Water Quality Laboratory	
CITY OF VALLEJO WATER DEPARTMENT LABORATORY	x	City of Vallejo Water Department Laboratory	
CITY OF VISALIA WASTEWATER TREATMENT PLANT	x	City of Visalia Water Conservation Plant Laboratory	
CITY OF WATSONVILLE	x	City of Watsonville Utilities Department Laboratory	
CITY OF WEST SACRAMENTO WW TREATMENT PLANT LAB	x	George Kriskoff Water Treatment Plant	
	x	City of Woodland Wastewater Operations Lab	
	x	Coachella Sanitary District	
COACHELLA VALLEY WATER DISTRICT	x	Coachella Valley Water District Laboratory	
COUNTY OF ORANGE PUBLIC FACILITIES & RESOURCES			**Closed**
COUNTY OF RIVERSIDE DEPARTMENT OF HEALTH			**Closed**
COUNTY OF SAN LUIS OBISPO WATER QUALITY LAB	x	San Luis Obispo County Water Quality Lab	
		CSUMB Los Huertos Lab	
	x	Contra Costa Water District Lab	
DESERT WATER AGENCY	x	Desert Water Agency	
	x	Crescent City Water Quality Laboratory	
	x	Delta Diablo Sanitation District Laboratory	
DUBLIN SAN RAMON SERVICES DISTRICT	x	Dublin San Ramon Services District	
EAST BAY MUNICIPAL UTILITY DISTRICT	x	East Bay Municipal Utility District	
		East Bay Municipal Utility District Emergency Facility	
EASTERN MUNICIPAL WATER DISTRICT - PERRIS	x	Eastern Municipal Water District	
EL DORADO COUNTY HEALTH DEPARTMENT	x	El Dorado County Public Health Department	
EL TORO WATER DISTRICT LABORATORY	x	El Toro Water District Laboratory	

ENCINA WASTEWATER AUTHORITY LABORATORY	x	Encina Wastewater Authority Laboratory	
CITY OF LOS ANGELES EMD - HYPERION TREATMENT PLANT	x	City of Los Angeles EMD Los Angeles Hyperion WRP	
CITY OF LOS ANGELES BUREAU OF SANITATION, LA - G	x	City of Los Angeles EMD Los Angeles Glendale WRP	
CITY OF LOS ANGELES BUREAU OF SANITATION	x	City of Los Angeles EMD Terminal Island WRP	
TILLMAN WATER RECLAMATION PLANT	x	City of Los Angeles EMD Los Angeles DCT WRP	
E.V.M.W.D. REGIONAL WASTEWATER LABORATOEY	x	E.V.M.W.D. Regional Laboratory	
FAIRFIELD-SUISUN WASTEWATER TREATMENT FACILITY	x	Fairfield-Suisun Sewer District	
	x	Fallbrook Public Utility District	
		Fillmore Wastewater Recycling Plant Laboratory	
FORT BRAGG MUNICIPAL IMPROVEMENT DISTRICT # 1	x	Fort Bragg Municipal Laboratory	
FORT HUNTER LIGGETT WASTE WATER LABORATORY			**Closed**
FRESNO COUNTY PUBLIC HEALTH LABORATORY	x	Fresno County Public Health Laboratory	
	x	Granite Canyon - UC Davis Lab	
	x	Georgetown Divide Public Utility District	
GOLETA SANITARY DISTRICT	x	Goleta Sanitary District	
GOLETA WATER DISTRICT	x	Goleta Water District	
HELIX WATER DISTRICT	x	Helix Water District	
HERITAGE RANCH COMMUNITY SERVICES DISTRICT	x	Heritage Ranch C.S.D. Environmental Lab. #1	
		Healdsburg City Water Reclamation Facility	
	x	Hill Canyon Wastewater Treatment Plant Laboratory	
		Hollister - City Treatment Plant	
HUMBOLDT COUNTY PUBLIC	x	Humboldt County Public	

HEALTH LABORATORY		Health Laboratory	
		IIRMES	
IMPERIAL COUNTY PUBLIC HEALTH LABORATORY	x	Imperial County Public Health Laboratory	
INYO COUNTY ENVIRONMENTAL HEALTH LABORATORY	x	Inyo County Environmental Health Services	
		Inyo County Water Lab	
	x	Inland Empire Utilities Agency Laboratory	
IRVINE RANCH WATER DISTRICT LABORATORY	x	Irvine Ranch Water District	
		Jamieson Canyon Water Treatment Plant	
	x	John C. Bargar Water Treatment Plant	
KERN COUNTY PUBLIC HEALTH LABORATORY	x	Kern County Public Health Laboratory	
KERN COUNTY WATER AGENCY	x	Kern County Water Agency, Water Quality Lab	
KERN SANITATION AUTHORITY	x	Kern Sanitation Authority	
KINGS COUNTY PUBLIC HEALTH LABORATORY	x	Kings County Public Health Laboratory	
	x	Kirkwood Meadows Public Utilities District	
LAGUNA COUNTY SANITATION DISTRICT	x	Laguna County Sanitation District	
LAGUNA ENVIRONMENTAL LABORATORY	x	Laguna Environmental Laboratory	
LAKE ARROWHEAD COMMUNITY SERVICES	x	Lake Arrowhead Community Services District	
LAS PALMAS RANCH WATER RECLAMATION FACILITY	x	Lake Bard Water Filtration Plant Laboratory	
	x	Lake Wildwood Wastewater Treatment Plant	
	x	Las Gallinas Valley Sanitary District	
LAS VIRGENES MUNICIPAL WATER DISTRICT	x	Las Virgenes Municipal Water District Laboratory	
	x	Latham Regional Treatment Plant Laboratory	
LAWRENCE BERKELEY	x	LBNL Environmental	

LABORATORY		Measurements Laboratory	
LAWRENCE LIVERMORE NATIONAL LABORATORY	x	Lawrence Livermore National Laboratory	
	x	Linda County Water District WTP	
LOMPOC REGIONAL WASTEWATER RECLAMATION LAB.	x	Lompoc Regional Wastewater Reclamation Lab	
LONG BEACH TREATMENT PLANT LABORATORY	x	Long Beach Treatment Plant Laboratory	
	x	Long Beach Public Health Laboratory	
	x	Long Beach Water Department Water Quality Lab	
LOS ALISOS WATER DISTRICT		(El Toro Water District)	**Consolidated**
LOS ANGELES COUNTY AGRICULTURAL COMMISSION	x	Los Angeles County Agricultural Commissioner	
LOS ANGELES COUNTY PUBLIC HEALTH LABORATORY	x	Los Angeles County Public Health Lab	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Joint Water Pollution Control Water Quality Lab	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Los Coyotes Treatment Plant Laboratory	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Saugus Treatment Plant Laboratory	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Water Pollution Control Laboratory	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Valencia Treatment Plant Laboratory	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Whittier Narrows Treatment Plant Laboratory	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Pomona Treatment Plant Laboratory	
LOS ANGELES COUNTY SANITATION DISTRICT	x	Lancaster Treatment Plant Laboratory	
LOS ANGELES HARBOR DEPARTMENT TESTING LAB	x	Port of Los Angeles Testing Laborator	
MADERA COUNTY PUBLIC HEALTH LABORATORY	x	Madera County Public Health Laboratory	
MALIBU MESA WATER RECLAMATION FACILITY	x	Malibu Mesa Water Reclamation Plant Lab	
MAMMOTH COUNTY WATER	x	Mammoth Community	

DISTRICT LAB		Water District	
MARIN COUNTY PUBLIC HEALTH LABORATORY	x	Marin County Public Health Laboratory	
MARIN MUNICIPAL WATER DISTRICT	x	Marin Municipal Water District	
MARINA COAST WATER DISTRICT	x	Marina Coast Water District	
MARIPOSA PUBLIC UTILITY DISTRICT	x	Mariposa Public Utility District	
		Meadowlark Water Reclamation Facility Lab	
MERCED COUNTY DEPARTMENT OF PUBLIC HEALTH LAB	x	Merced County Public Health Laboratory	
	x	Metro Biosolids Center Wastewater Chemistry SD	
METROPOLITAN WATER DISTRICT OF SO. CAL.	x	MWDSC- Joseph Jensen WTP Lab.	
METROPOLITAN WATER DISTRICT OF SO. CAL.	x	MWDSC - F.E. Weymouth WTP Laboratory	
METROPOLITAN WATER DISTRICT OF SO. CAL.	x	MWDSC - Henry J. Mills WTP Lab	
ROBERT B. DIEMER FILTRATION PLANT LABORATORY	x	MWDSC - Robert B. Diemer WTP Lab.	
METROPOLITAN WATER DISTRICT OF SO. CAL.	x	MWDSC - Robert A. Skinner WTP Lab	
METROPOLITAN WATER DISTRICT OF SO. CAL.	x	MWD - La Verne Water Quality Laboratory	
MISSION SPRINGS WATER DISTRICT	x	Mission Springs Water District	
MODESTO REGIONAL WATER TREATMENT PLANT	x	Modesto Regional Water Treatment Plant	
		Montecito Sanitary District Laboratory	
MONTEREY COUNTY CONSOLIDATED LABORATORY	x	Monterey County Consolidated Environmental Lab	
MONTEREY REGIONAL WATER POLLUTION CONTROL AGCY	x	Monterey Regional Water Pollution Control Agency	
MORRO BAY - CAYUCOS WW TREATMENT PLANT	x	Morro Bay - Cayucos Wastewater Treatment Plant	
	x	Mt. Shasta - City	

		Wastewater Laboratory	
MOULTON NIGUEL WATER LABORATORY	x	South Orange County Wastewater Authority Reg. Lab	
MT. VIEW SANITARY DISTRICT	x	Mt. View Sanitary District	
NAPA COUNTY HEALTH & HUMAN SERVICES LABORATORY	x	Napa - Solano County Public Health Laboratory	
NAPA SANITATION DISTRICT	x	Napa Sanitation District Laboratory	
NAVAL WEAPONS STATION			**Closed**
NEVADA IRRIGATION DISTRICT WATER LABORATORY	x	Nevada Irrigation District Water Laboratory	
NEWPORT BEACH CITY WATER LABORATORY			**Closed**
NILAND SANITARY DISTRICT	x	Niland Sanitary District	
NORTH BAY REGION WATER TREATMENT PLANT	x	North Bay Regional Water Treatment Plant	
	x	North City Wastewater Chemistry Lab	
NORTH COAST COUNTY WATER DISTRICT	x	North Coast County Water District	
NORTH MARIN WATER DISTRICT	x	North Marin Water District	
	x	North of River Sanitary District No. 1	
		North San Mateo County Sanitation District	
NOVATO SANITARY DISTRICT LABORATORY	x	Novato Sanitary District Laboratory	
OCEANSIDE WPCP LABORATORY DIVISION	x	Oceanside - City Water Utilities Department Lab	
OJAI VALLEY SANITATION DISTRICT	x	Ojai Valley Sanitation District	
OLIVEHURST PUBLIC UTILITY DISTRICT	x	Olivehurst Public Utility District Lab	
ORANGE COUNTY PUBLIC HEALTH LABORATORY	x	Orange County Public Health Laboratory	
ORANGE COUNTY SANITATION DISTRICT	x	Orange County Sanitation District	
ORANGE COUNTY WATER DISTRICT MAIN LABORATORY	x	Orange County Water District	

ORO LOMA SANITARY DISTRICT	x	Oro Loma Sanitary District	
	x	Sewerage Commission - Oroville Region	
OROVILLE - WYANDOTTE IRRIGATION DISTRICT			**Closed**
OTAY WATER DISTRICT	x	Otay Water District	
PADRE DAM MWD, WASTEWATER TREATMENT PLANT	x	Padre Dam WD	
PALMDALE WATER DISTRICT	x	Palmdale Water District	
PALO ALTO REGIONAL WATER QUALITY CONTROL LAB	x	Palo Alto Regional Water Quality Control Lab	
PELICAN BAY STATE PRISON	x	Pelican Bay State Prison Water Quality Lab	
	x	Petaluma City Water Quality Laboratory	
PINOLE-HERCULES WATER POLLUTION CONTROL PLANT	x	Pinole-Hercules Water Pollution Control Plant	
PITTSBURG MUNICIPAL WATER WORKS	x	Pittsburg Municipal Water Treatment Plant Lab	
PLACER COUNTY PUBLIC HEALTH LABORATORY	x	Placer County Public Health Laboratory	
PLEASANTON CITY WATER DEPARTMENT LABORATORY	x	Pleasanton City Water Laboratory	
		Plumas County Environmental Health	
		Point Loma Wastewater Chemistry Lab	
	x	Porterville City Laboratory	
		Quartz Valley Indian Reservation Microbiology Lab	
	x	Quincy Community Services District	
	x	Rancho Murieta Community Services District Lab	
		Robinson Ranch Water Reclamation Plant	
RIVERBANK ARMY AMMUNITION PLANT	x		**Closed**

RIVERSIDE COUNTY SERVICE AREA #51			**Closed**
	x	Rio Vista, North West Wastewater Treatment Plant	
	x	Rodeo Sanitary District	
	x	R.E. Badger Filtration Plant	
SACRAMENTO COUNTY PUBLIC HEALTH LAB.	x	Sacramento County Public Health Laboratory	
SACRAMENTO COUNTY REGIONAL PLANT CONTROL LAB	x	Sacramento Regional County Sanitation District	
SAN BERNARDINO COUNTY PUBLIC HEALTH LABORATORY	x	San Bernardino County Public Health Laboratory	
	x	San Clemente - City Water Quality Laboratory	
SAN DIEGO COUNTY PUBLIC HEALTH LABORATORY	x	San Diego County Public Health Laboratory	
SAN ELIJO JOINT POWERS AUTHORITY LABORATORY	x	San Elijo Joint Powers Authority Laboratory	
SAN FRANCISCO AIRPORT - FACILITES O&M	x	Mel Leong Treatment Plant Laboratory	
SAN FRANCISCO DEPT. OF PUBLIC HEALTH	x	San Francisco Public Utilities Commission WQD	
SAN FRANCISCO WATER DEPARTMENT	x	San Francisco Puc - Moccasin Laboratory	
SAN FRANCISCO WATER DEPARTMENT	x	San Francisco Puc - Sunol Valley WTP Lab	
	x	Searles Valley Minerals Regulatory Compliance Lab	
TREASURE ISLAND SEWAGE TREATMENT PLANT LAB	x	SFPUC WQD Treasure Island WPCP Lab	
SOUTH EAST REGIONAL RECLAMATION AUTHORITY	x	Southeast Laboratory San Francisco PUC	
SAN JOAQUIN COUNTY PUBLIC HEALTH LABORATORY	x	San Joaquin County Public Health Laboratory	
SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT	x	San Jose/ Santa Clara WPCP Laboratory	
SAN LEANDRO WATER POLLUTION CONTROL PLANT LAB	x	San Leandro Water Pollution Plant	

SAN LORENZO VALLEY SURFACE WATER TREATMENT	x	San Lorenzo Valley Water District	
SAN LUIS OBISPO COUNTY PUBLIC HEALTH LABORATORY	x	San Luis Obispo County Public Health Dept. Lab	
SAN MATEO COUNTY PUBLIC HEALTH LABORATORY	x	San Mateo County Public Health Lab	
	x	San Simeon Wastewater Treatment Plant Lab	
	x	Santa Rosa Water Reclamation Facility Lab	
SANITARY DISTRICT NO. 5 OF MARIN COUNTY	x	Sanitary District No. 5 of Marin County	
SANTA BARBARA COUNTY HEALTH CARE SERVICES			**Closed**
SANTA BARBARA COUNTY PUBLIC HEALTH LABORATORY	x	Santa Barbara County Public Health Lab	
SANTA CLARA VALLEY WATER DISTRICT LABORATORY	x	Santa Clara Valley Water District	
		Santa Cruz County Sanitation District Lab	
	x	Santa Cruz County - Health Services Agency Lab	
SANTA CRUZ MUNICIPAL UTILITIES	x	Santa Cruz - City Water Lab	
SANTA CRUZ PUBLIC WORKS DEPARTMENT	x	Santa Cruz - City - WWTF Lab	
SANTA MARGARITA WATER DISTRICT	x	Santa Margarita Water District	
SAUSALITO - MARIN CITY SANITARY DISTRICT	x	Sausalito - Marin City Sanitary District	
SANTA CLARA COUNTY PUBLIC HEALTH LABORATORY	x	Santa Clara County Public Health Lab	
SCOTTS VALLEY WATER DISTRICT			**Closed**
SELMA-KINGSBURG-FOWLER COUNTY SAN. DIST.	x	Selma-Kingsburg-Fowler County Sanitation District	
SEWER AUTHORITY MID-COASTSIDE	x	Sewer Authority Mid-Coastside	
SEWERAGE AGENCY OF SOUTHERN MARIN	x	Sewerage Agency of Southern Marin	
SEWERAGE COMMISSION - OROVILLE REGION	x	Sewerage Commission - Oroville Region	
	x	Shasta County Public	

		Health Laboratory	
SIMI VALLEY COUNTY SANITATION LABORATORY	x	Simi Valley - City Water Quality Control Laboratory	
		Soledad City Water Quality Control Laboratory	
SONOMA COUNTY PUBLIC HEALTH LABORATORY	x	Sonoma County Public Health Laboratory	
SONOMA COUNTY WATER AGENCY	x	Sonoma County Water Agency - Russian River	
SONOMA COUNTY WATER AGENCY	x	Sonoma County Water Agency - Sonoma	
SOUTH BAYSIDE SYSTEM AUTHORITY	x	South Bay Wastewater Chemistry Laboratory	
SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT	x	South San Luis Obispo County Sanitation District	
SOUTH TAHOE PUBLIC UTILITY DISTRICT	x	South Tahoe Public Utility District	
SOUTH SAN JOAQUIN IRRIGATION DISTRICT	x	Nick C. Degroot Water Quality Laboratory	
	x	SPAWAR Systems Center San Diego Bioassay Lab	
	x	SRCSD Environmental Laboratory	
STANISLAUS COUNTY PUBLIC HEALTH LABORATORY	x	Stanislaus County Public Health Laboratory	
STOCKTON EAST WATER DISTRICT	x	Waidhofer Water Treatment Plant - Stockton	
ST. HELENA HOSPITAL CLINICAL LABORATORY	x	St. Helena Hospital Clinical Laboratory	
SUSANVILLE CONSOLIDATED SANITARY DISTRICT	x	Susanville Sanitary District WWTP Lab	
SWEETWATER AUTHORITY	x	Sweetwater Authority	
TAHOE TRUCKEE SANITATION AGENCY	x	Tahoe-Truckee Sanitation Agency	
THE WATER LABORATORY OF SOUTH LAKE TAHOE			**Closed**
THREE VALLEYS MUNICIPAL WATER DISTRICT	x	Three Valleys Municipal Water District	
	x	Travis AFB - Water Laboratory	
TULARE COUNTY HEALTH SERVICES LABORATORIES	x	Tulare County Public Health Laboratory	

TULELAKE WATER LABORATORY			**Closed**
		Twin Oaks Valley Water Treatment Plant	
		UC Davis Aquatic Toxicology Laboratory	
	x	Ukiah Wastewater Treatment Plant	
UNION SANITARY DISTRICT		Union Sanitary District	
	x	United States Mint San Francisco Lab	
	x	UC Davis, Wastewater Treatment Plant Lab	
US ARMY HEADQUARTERS - CA MEDICAL DETACHMENT			**Closed**
US NATIONAL PARK SVC. YOSEMITE WW FACILITY	x	US NPS - Yosemite - El Portal	
US NAVY, ENVIRONMENTAL ANALYSIS FACILITY			**Closed**
US NAVY, ENVIRONMENTAL CHEMISTRY LABORATORY			**Closed**
U.S. ARMY CENTER FOR HEALTH PROMOTION			**Closed**
U.S. MARINE CORPS LOGISTICS BASE			**Closed**
VALLEJO SANITATION AND FLOOD CONTROL DISTRICT	x	Vallejo Sanitation & Flood Control District	
		Valley Center Municipal Water District Lab	
VALLEY SANITARY DISTRICT	x	Valley Sanitary District	
	x	Vandenberg AFB - Aerospace Fuels Laboratory	
VENTURA COUNTY HEALTH DEPARTMENT	x	Ventura County Health Department Laboratory	
VENTURA COUNTY WATERWORKS DISTRICTS	x	Ventura County Waterworks Districts	
VENTURA REGIONAL SANITATION DISTRICT LABORATORY			**Closed**
	x	Veolia - City of Rialto Waste Water Treatment Plant	

	x	Victor Valley Wastewater Reclamation Authority Lab	
VISTA IRRIGATION DISTRICT	x	Vista Irrigation District	
WAWONA WATER AND WASTEWATER LABORATORY	x	Wawona Water And Wastewater Laboratory	
WEAVERVILLE SANITARY DISTRICT	x	Weaverville Sanitary District	
WEST BASIN WATER QUALITY LABORATORY	x	West Basin Water Quality Laboratory	
	x	Walnut Valley Water District	
WESTERN MUNICIPAL WATER DISTRICT			
	x	West County Wastewater District	**Closed**
WILLITS WATER QUALITY CONTROL PLANT	x	Willits City Laboratory	
YOLO COUNTY HEALTH DEPARTMENT LABORATORY	x	Yolo County Health Department	
YUBA CITY WATER/WASTEWATER LABORATORY	x	Yuba City Water/wastewater Laboratory	
YUCAIPA VALLEY WATER DISTRICT			**Closed**
ZONE 7 WATER AGENCY	x	Zone 7 Water Quality Laboratory	
285	**310**	**343**	**35**

Figure 3

Government Run Laboratories Accredited by New York ELAP in 2001 and 2016

Laboratory	County	City	2001	2016
Adams (V) Wastewater Treatment Plant	Jefferson	Adams	x	
AMHERST (T) WPCF	Erie	Ahmerst		x
AKRON (V) SEWAGE PLANT	Erie	Akron	x	x
NYSDOT Materials Bureau	Albany	Albany	x	
NYSDOH ORG ANALYTICAL CHEMISTRY LAB	Albany	Albany	x	x
NYSDOH INORGANIC & NUCLEAR CHEMISTRY	Albany	Albany	x	x
WADSWORTH CENTER BIODEFENSE LABORATORY	Albany	Albany		x
NYSDOH ENVIRONMENTAL BIOLOGY LABORATORY	Albany	Albany	x	x
Albany County Sewer District	Albany	Albany	x	x
ALBANY WATER QUALITY LAB	Albany	Albany		x
ALBION POLLUTION CONTROL FAC	Orleans	Albion	x	x
Alden Public Works Lab	Erie	Alden	x	
Erie County Sewer District #4 & #5	Erie	Alden	x	
AMSTERDAM WATER TREATMENT	Montomery	Amsterdam	x	x

Erie County Sewer District #2	Erie	Angola	x	
Arcade Waste Treatment Plant	Wyoming	Arcade	x	
Bowery Bay Water Pollution Control Plant	Queens	Astoria	x	
GREATER ATLANTIC BEACH WATER RECLAMATION DISTRICT	Nasaau	Atlantic Beach	x	x
Attica Sewage Treatment Plant	Wyoming	Attica	x	
AUBURN WPCP (LAB)	Cayuga	Auburn	x	x
Auburn Memorial Hospital Lab	Cayuga	Auburn	x	
AUBURN WATER TREATMENT PLANT	Cayuga	Auburn		x
Somerset-Barker Sewage Trmt pl	Somerset	Baker	x	
BATAVIA WASTEWATER TREATMENT FACILITY	Genesee	Batavia	x	x
BATAVIA (C) WATER TREATMENT PLANT	Genesee	Batavia	x	x
Beacon (C) STP	Duchess	Beacon	x	
Bear Mountain Regional Lab	Rockland	Bear Mountain	x	
BINGHAMTON WATER TREATMENT PLANT	Broome	Binghamton	x	x
Blasdell (V)	Erie	Blasdell	x	
Bloomfield (V)	Ontario	Bloomfield	x	
Rensselaer Darrin Fresh Water Institute	Warren	Bolton Landing	x	
Boonville (V) Sewage Treatment Plant	Oneida	Boonville	x	

SUNY Brockport	Monroe	Brockport	x	
Hunts Point WPCP	Bronx	Bronx	x	
Coney Island Plant (WPCP)-NYCDEP	Kings	Brooklyn	x	
Owls Head Plant (WPCP) - NYCDEP	Kings	Brooklyn	x	
26th Ward WPCP - NYCDEP	Kings	Brooklyn	x	
Owl's Head Process Lab-WPCP-NYCDEP	Kings	Brooklyn	x	
Red Hook Water Poll Plant-NYCDEP	Kings	Brooklyn	x	
Red Hook Water Pollution Control Lab	Kings	Brooklyn	x	
NEWTOWN CREEK PROCESS CONTROL LAB	Kings	Brooklyn	x	x
Keyspan Energy System Lab/Brooklyn	Kings	Brooklyn	x	
NEWTOWN CREEK MICROBIOLOGY LABORATORY	Kings	Brooklyn	x	x
KINGS COUNTY HOSPITAL CENTER/PATHOLOGY DEPT	Kings	Brooklyn	x	x
ERIE COUNTY PUBLIC HEALTH LABORATORY	Erie	Buffalo	x	x
BUFFALO SEWER AUTHORITY	Erie	Buffalo	x	x
Erie County Southtowns Agency	Erie	Buffalo	x	x
BUFFALO WATER AUTHORITY FILTRATION PLANT LABORATORY	Erie	Buffalo	x	x
Canajoharie Wastewater Trmt Pl	Montomery	Canajoharie	x	

CANANDAIGUA WASTEWATER TREATMENT FACILITY	Ontario	Canandaigua	x	
CANANDAIGUA WATER TREATMENT PLANT	Ontario	Canandaigua	x	
Canastota Water Pollution Control Plant	Madison	Canastota	x	
CANISTEO WASTEWATER PLANT LAB	Steuben	Canisteo	x	x
Canton Water Filtration Plant	St. Lawrence	Canton	x	
Carthage - W Carthage Water Poll Control	Jefferson	Carthage	x	
Castleton Wastewater Lab	Rensselaer	Castleton	x	
Catskill (Village)	Greene	Catskill	x	
Cedarhurst Water Poll Cntl Plt	Nassau	Cedarhurst	x	
SOUTH & CENTER CHAUTAUQUA LAKE SEWER DISTRICT	Chautauqua	Celoron	x	x
Chateaugay (V)	Franklin	Chateaugay	x	
MAIN PUMP STATION NO 5	Erie	Cheektowaga	x	x
Tallman Island WPCP	Queens	College Point	x	
Cornwall (T) Sewer Department	Orange	Cornwall	x	
DIST WATER QUAL OPS NYCDEP DISTRIBUTION LAB	Queens	Corona	x	x
NYCDEP BEC - ASBESTOS LABORATORY	Queens	Corona		x

LEFRAK CITY PRIORITY POLLUTANTS LAB-NYCDEP	Queens	Corona	x	x
NORTHERN WESTCHESTER JOINT WATER WORKS	Westchester	Cortlandt Manor		x
Cortland Wastewater Treatment Plant	Courtland	Courtland	x	
STURGEON POINT WATER TREATMENT PLANT	Erie	Derby		x
Dolgeville Wastewater Treatment Plant	Fulton	Dolgeville	x	
DUNKIRK WWTP LAB	Chautauqua	Dunkirk	x	x
Dunkirk Steam Station	Chautauqua	Dunkirk	x	
DUNKIRK WATER TREATMENT PLANT LAB	Chautauqua	Dunkirk	x	x
Ellicottville (V)	Cattaraugus	Ellicottville	x	
ELMA (T) SEWER DISTRICTS-ROLLING GREEN LANE	Erie	Elma	x	x
ELMIRA WATER BOARD	Chemung	Elmira	x	x
Chemung Co Sewer District #1	Chemung	Elmira	x	x
CHEMUNG CO ELMIRA SD	Chemung	Elmira	x	
ENDICOTT WASTEWATER TREATMENT	Broome	Endicott	x	x
BROOME-TIOGA BOCES	Broome	Endicott		x
Endicott Water Lab	Broome	Endicott	x	
Jamestown WWTP Lab	Chautauqua	Falconer	x	
NYCDEP HAZARDOUS MATERIALS LAB	Queens	Flushing	x	x

Fonda Fultonville Wastewater	Montomery	Fonda	x	
Washington Co Sewer Dist #2 STP	Washington	Fort Edward	x	x
FULTON SEWAGE TREATMENT PLANT	Oswego	Fulton	x	x
GASPORT SD#1 STP	Niagra	Gasport	x	x
Marsh Creek WWTP	Seneca	Geneva	x	
WATERLOO WATER TREATMENT PLANT LAB	Seneca	Geneva		x
Glens Falls WWTP	Warren	Glen Falls	x	
Finch Pruyn Waste Treatment	Warren	Glen Falls	x	
NMPC Albany Steam Results Lab	Albany	Glenmont	x	
Gloversville Water Works	Fulton	Glowersville	x	
Gouverneur WWTF	St. Lawrence	Gouverneur	x	
GRAHAMSVILLE LABORATORY	Sullivan	Grahamsville	x	x
GRAND ISLAND WASTEWATER PLANT	Erie	Grand Island	x	x
Granville Sewage Treatment Plant	Washington	Granville	x	
Great Neck Wtr Poll Cntrl Dist	Nassau	Great Neck	x	
Nott Road Wastewater Treatment	Albany	Guilderland	x	
Brockport (V) Water Plant	Monroe	Hamlin	x	
Orange Co Dept of Environ Facilities & Srvcs	Orange	Harriman	x	

SUFFOLK CO PUBLIC & ENV HEALTH LAB	Suffolk	Hauppauge	x	x
SUFFOLK COUNTY WATER AUTHORITY LABORATORY	Suffolk	Hauppauge	x	
HAWTHORNE LABORATORY	Westchester	Hawthorne		x
ROCHESTER (C) WATER BUREAU	Lingston	Hemlock	x	x
NASSAU COUNTY DEPT OF HEALTH	Nasaau	Hempstead	x	x
Herkimer Water Pollution Control Plant	Herkimer	Herkimer	x	
Erie County Sewer District #3	Erie	Holland	x	
Holley Water Pollution Control	Orleans	Holley	x	
Honeoye Falls WWTP	Monroe	Honeoye Falls	x	
Hoosick Falls (V) WWTP	Rensselaer	Hoosick falls	x	
HORNELL (C) WATER TREATMENT PLANT	Steuben	Hornell	x	x
Hornell Water Poll Control Plt	Steuben	Hornell	x	x
CITY OF ITHACA WATER TREATMENT PLANT LABORATORY	Tompkins	Ithaca		x
Cornell University Filtration Plant	Tompkins	Ithaca	x	
ITHACA AREA WASTE WATER TREATMENT FACILITY	Tompkins	Ithaca	x	x
SOUTHERN CAYUGA LAKE INTERMUNICIPAL WATER	Tompkins	Ithaca	x	x

Jamaica Water Pollution Control Plant	Queens	Jamaica	x	
GLOVERSVILLE-JOHNSTOWN JWTF	Fulton	Johnstown	x	x
JORDAN (V) WATER POLLUTION CONTROL PLANT	Onondaga	Jordan	x	x
KINGSTON WATER DEPARTMENT LAB	Ulster	Kingston		x
KINGSTON LABORATORY - NYC DEP	Ulster	Kingston		x
Kingston Universal Community Laboratory	Ulster	Kingston	x	
Erie Co Water Auth - D F Kane W Q Lab	Erie	Lackawanna	x	
Erie County Sewer District #6	Erie	Lackawanna	x	
LAKE PLACID VILLAGE	Essex	Lake Placid	x	x
Lakeville Sewage Treatment Plt	Lingston	Lakewille	x	
MOHAWK VIEW LABORATORY	Albany	Latham	x	x
MOHAWK VIEW WATER POLLUTION CONTROL PLAN	Albany	Latham	x	x
Lawrence (V) Water Pollution Control Inc	Nassau	Lawrence	x	
Leroy Sewage Treatment Plant	Genesee	Leroy	x	
TOWN OF LEWISTON	Niagra	Lewiston	x	x
Liberty (V)	Sullivan	Liberty	x	
LITTLE FALLS WASTEWATER	Herkimer	Little Falls		x

TREATMENT PLANT				
BELGRAVE WATER POL CNTRL DIST	Queens	Little Neck	x	x
ONONDAGA COUNTY DEPT WATER ENV PROTECTIO	Onondaga	Liverpool		x
LOCKPORT WASTEWATER TREATMENT PLANT	Niagra	Lockport	x	x
LOCKPORT WATER TREATMENT PLANT LAB	Niagra	Lockport	x	x
OTISCO WATER TRMT PLANT	Onondaga	Marcellus	x	x
MARION (T) WASTEWATER TREATMENT PLANT	Wayne	Marion	x	x
CHAUTAUQUA COUNTY HEALTH	Chautauqua	Mayville	x	x
SARATOGA CO SEWER DIS #1	Saratoga	Mechanicville	x	x
MIDDLEPORT TREATMENT FACILITY	Niagra	Middleport	x	x
MINETTO NY LABORATORY	Oswego	Minetto	x	x
Herkimer Co Wastewater Plant	Herkimer	Mohawk	x	
MONTICELLO (V)	Sullivan	Montecello	x	x
North River Laboratory	New York	New York	x	
NYC DOHMH PUBLIC HEALTH LAB - BIOTHREAT RESPONSE LAB	New York	New York	x	x
WARDS ISLAND PROCESS CONTROL LAB	New York	New York	x	x
North River WPCP	New York	New York	x	
CCNY ENVIRONMENTAL LAB	New York	New York	x	x

ENVIRONMENTAL SCIENCES AND TOXICOLOGY LABORATORY	New York	New York		x
Newark (V) Wastewater Treatment Plant	Erie	Newark	x	
Chadwick Lane Filter Plant	Orange	Newburgh	x	
Niagara Falls Wastewater Laboratory	Niagra	Niagara Falls	x	
NIAGARA COUNTY WATER DISTRICT	Niagra	Niagra Falls	x	x
Niagara Falls Drinking Water Lab	Niagra	Niagra Falls	x	
OCC Niagara Works Laboratory	Niagra	Niagra Falls	x	
NIAGARA FALLS WATER BOARD WASTEWATER LABORATORY	Niagra	Niagra Falls	x	x
Northport Sewage Treatment Plant	Suffolk	Northport	x	
Quest International (Norwich) WWTP	Chenango	Norwich	x	
NORWICH WATER SYSTEM	Chenango	Norwich	x	x
OGDENSBURG WATER POLLUTION CTR PT	St. Lawrence	Ogdensburg	x	x
Newfane Wastewater Trmt Plt	Niagra	Olcott	x	
TOWN OF OYSTER BAY ENVIRONMENTAL LABORATORY	Nasaau	Old Bethpage	x	x
CATTARAUGUS COUNTY LABORATORY	Cattaraugus	Olean	x	x
OLEAN (C) WATER TREATMENT	Cattaraugus	Olean	x	x

PLANT				
OLEAN WASTEWATER TREATMENT PLT	Cattaraugus	Olean	x	x
ONEIDA (C) WATER POLLUTION CONTROL PLANT	Madison	Oneida	x	x
ONEONTA (C) WATER LABORATORY	Otsego	Oneonta	x	x
Oneonta WWTP	Otsego	Oneonta	x	
ONTARIO WATER UTILITIES DEPT	Wayne	Ontario	x	x
ROCKLAND COUNTY SEWER DISTRICT #1 LABORA	Rockland	Orangeburg	x	x
TOWN OF ORANGETOWN, SEWER DEPARTMENT	Rockland	Orangeburg	x	x
OSSINING (V) WATER DEPT LAB-INDIAN BROOK	Westchester	Ossining	x	x
OSWEGO WATER TREATMENT PLANT LAB	Oswego	Oswego	x	x
METROPOLITAN WATER BOARD	Oswego	Oswego		x
CONSOLIDATED LABORATORIES	Oswego	Oswego		x
Oswego Harbor Power	Oswego	Oswego	x	
Owego (V) Police Dept/sewer Dept	Tioga	Owego	x	
Lederle Waste Treatment Lab	Rockland	Pearl River	x	
Campfield Reservoir & Filter Plant	Westchester	Peekskill	x	x
Crawford (T) Water and Sewer	Orange	Pine Bush	x	
PLATTSBURGH WPCP LABORATORY	Clinton	Plattsburgh		x

HEMPSTEAD DEPT CONSERVATION & WATERWAY	Nasaau	Point Lookout	x	x
Port Chester WWTP	Westchester	Port Chester	x	
PORT WASHINGTON WPCD	Nasaau	Port Washington	x	x
Port Washington WPCD	St. Lawrence	Potsdam	x	
Poughkeepsie (C) Water Works	Dutchess	Poughkeepsie	x	
NYSDEC Div of Environ Remed Lab	Rensselaer	Rensselaer	x	
East Greenbush Sewage Trmt Plant	Rensselaer	Rensselaer	x	
MONROE COUNTY ENVIRONMENTAL LABORATORY	Monroe	Rochester	x	x
MONROE COUNTY WATER AUTHORITY WTP	Monroe	Rochester	x	x
Rockaway WPCP - NYCDEP	Queens	Rockaway Park	x	
Salamanca Wastewater Treatment Plant	Cattaraugus	Salamanca	x	
SCHENECTADY (C) WATER LABORATORY	Schenectady	Schenectady	x	x
Tom Whitbeck - Water Laboratory	Otsego	Schenevus	x	
Sherman (V) Wastewater Treatment Plant	Chautauqua	Sherman	x	

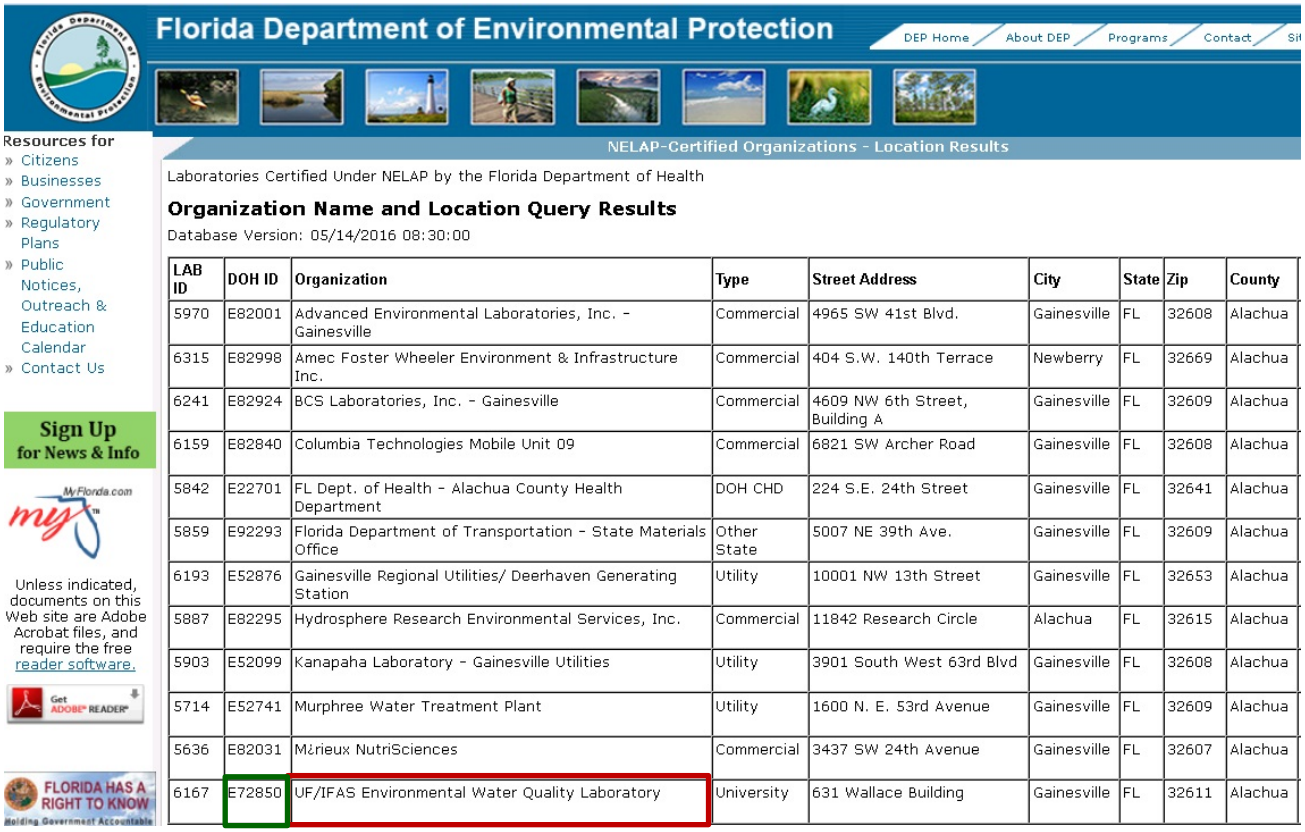
Ben Nesin Laboratory - NYC DEP	Ulster	Shokan	x	
Yorktown Cons Water & Storage Dist.#1	Westchester	Shrub Oak	x	
Fallsburg (T) Env Lab	Sullivan	South Fallsburg	x	x
Spencerport Wastewater Trmt	Monroe	Spencerport	x	
OAKWOOD BEACH PROCESS CONTROL LAB	Richmond	Staten Island	x	
INTERSTATE ENVIRONMENTAL COMMISSION	Richmond	Staten Island	x	x
Port Richmond Water Pollution Ctrl Plant	Richmond	Staten Island	x	
Oakwood Beach WPCP	Richmond	Staten Island	x	x
STONY POINT (T)	Rockland	Stoney Point	x	x
St Johnsville Waste Trmt Plant	Montomery	St. Johnsville	x	
SUFFERN VILLAGE WATER SUPPLY	Rockland	Suffern	x	x
Onondaga County D & S	Onondaga	Syracuse	x	
ONONDAGA CO WATER AUTHORITY	Onondaga	Syracuse	x	x
Upstate Freshwater Institute	Onondaga	Syracuse	x	
Oneida Water Treatment Plant	Oneida	Taberg	x	
TONAWANDA (T) WATER TREATMENT PLANT	Erie	Tonawanda	x	x

Tonawanda (T) Wastewater	Erie	Tonawanda	x	x
VAN DE WATER TREATMENT PLANT	Erie	Tonawanda	x	x
NORTH TONAWANDA WWTP	Niagra	Tonawanda	x	x
Tonawanda (C) Water Plant	Erie	Tonawanda	x	
RENSSELAER CO. SEWER DISTRICT #1	Rensselaer	Troy	x	x
USGS NEW YORK WATER SCIENCE CENTER	Rensselaer	Troy		x
TROY (C) PUBLIC UTILITY DEPARTMENT	Rensselaer	Troy	x	x
Brookhaven National Lab - SEP Division	Suffolk	Upton	x	x
ONEIDA COUNTY WATER POLLUTION CONTROL	Oneida	Utica	x	x
Upper Mohawk Valley Reg Water Board	Oneida	Utica	x	
MOHAWK VALLEY WATER AUTHORITY	Oneida	Utica		x
Kensico Lab NYC DEP- B W S DWQC	Westchester	Valhalla	x	
WESTCHESTER COUNTY BIODEFENSE LABORATORY	Westchester	Valhalla	x	x
BINGHAMTON-JOHNSON (C) STP	Broome	Vestal	x	x
WALWORTH WATER POLLUTION	Wayne	Walworth	x	x

CONTROL FAC				
Cedar Creek Wpc Plant	Nassau	Wantagh	x	
Cedar Creek Special Projects Lab	Nassau	Wantagh	x	
WARDS ISLAND PRIORITY POLLUTANTS LAB- NYCDEP	New York	Wards Island	x	x
ALBION (V) WATER PLANT	Orleans	Waterport		x
WATERTOWN (C) WATER PLANT	Jefferson	Watertown	x	x
WATERTOWN POLLUTION CONTROL PLANT LABORA	Jefferson	Watertown	x	x
Webster (T) Wastewater Treatment Plant	Monroe	Webster	x	x
MCWA WEBSTER WTP	Monroe	Webster		x
WELLSVILLE WASTEWATER TRMT PLANT	Allegany	Wellsville	x	x
SCDPW SANITATION DIVISION LABORATORY	Suffolk	West Babylon		x
JOINT REGIONAL SEWERAGE BOARD	Rockland	West Haverstraw	x	x
West Hempstead Water District	Nassau	West Hempstead	x	
US Military Academy Target Hill WWTP	Orange	West Point	x	
US Military Academy Lusk Water Plant	Orange	West Point	x	
ERIE 1 BOCES	Erie	West		x

		Seneca		
NIAGARA CO SEWER DISTRICT #1	Niagra	Wheatfield	x	x
Whitehall (V) Wastewater Treatment Facility	Washington	Whitehall	x	
Yonkers Joint Treatment Plant	Westchester	Yonkers	x	
Bureau of Water Sanitation Lab	Westchester	Yonkers	x	
NYC DEP Croton Laboratory	Westchester	Yorktown	x	
Yorktown Medical Laboratory Inc	Westchester	Yorktown Heights	x	
248			221	121

Alachua County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5970	E82001	Advanced Environmental Laboratories, Inc. - Gainesville	Commercial	4965 SW 41st Blvd.	Gainesville	FL	32608	Alachua
6315	E82998	Amec Foster Wheeler Environment & Infrastructure Inc.	Commercial	404 S.W. 140th Terrace	Newberry	FL	32669	Alachua
6241	E82924	BCS Laboratories, Inc. - Gainesville	Commercial	4609 NW 6th Street, Building A	Gainesville	FL	32609	Alachua
6159	E82840	Columbia Technologies Mobile Unit 09	Commercial	6821 SW Archer Road	Gainesville	FL	32608	Alachua
5842	E22701	FL Dept. of Health - Alachua County Health Department	DOH CHD	224 S.E. 24th Street	Gainesville	FL	32641	Alachua
5859	E92293	Florida Department of Transportation - State Materials Office	Other State	5007 NE 39th Ave.	Gainesville	FL	32609	Alachua
6193	E52876	Gainesville Regional Utilities/ Deerhaven Generating Station	Utility	10001 NW 13th Street	Gainesville	FL	32653	Alachua
5887	E82295	Hydrosphere Research Environmental Services, Inc.	Commercial	11842 Research Circle	Alachua	FL	32615	Alachua
5903	E52099	Kanapaha Laboratory - Gainesville Utilities	Utility	3901 South West 63rd Blvd	Gainesville	FL	32608	Alachua
5714	E52741	Murphree Water Treatment Plant	Utility	1600 N. E. 53rd Avenue	Gainesville	FL	32609	Alachua
5636	E82031	M&rieux NutriSciences	Commercial	3437 SW 24th Avenue	Gainesville	FL	32607	Alachua
6167	E72850	UF/IFAS Environmental Water Quality Laboratory	University	631 Wallace Building	Gainesville	FL	32611	Alachua

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	UF-IFAS Wetland Biogeochemistry Laboratory
DOH ID:	E72949

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 350.1	Ammonia as N	12/20/2004	From: Applied To: Applied	NELAP NELAP	FL FL	1/6/2005
Non-Potable Water	EPA 350.1	Ammonia as N	1/20/2005	From: No Certification To: Applied	None NELAP	FL	1/6/2005
Non-Potable Water	EPA 350.1	Ammonia as N	10/12/2005	From: Applied To: Accredited	NELAP NELAP	FL FL	10/16/2005
Non-Potable Water	EPA 350.1	Ammonia as N	7/1/2007	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/19/2007
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	4/25/2008	From: No Certification To: Applied	None NELAP	FL	5/1/2008
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	8/8/2008	From: Applied To: Accredited	NELAP NELAP	FL FL	9/16/2008
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	3/3/2015	From: Accredited To: Suspended	NELAP NELAP	FL FL	3/3/2015
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	7/1/2015	From: Suspended To: Inactive	NELAP NELAP	FL FL	7/1/2015
Solids	EPA 350.1	Ammonia as N	12/20/2004	From: No Certification To: Applied	None NELAP	FL	1/6/2005
Solids	EPA 350.1	Ammonia as N	8/25/2005	From: Applied To: Withdrawn	NELAP NELAP	FL FL	8/27/2005

Bradford County

There are no Laboratories Currently Accredited in Bradford County

NELAP-Certified Laboratories

Laboratories no longer certfied 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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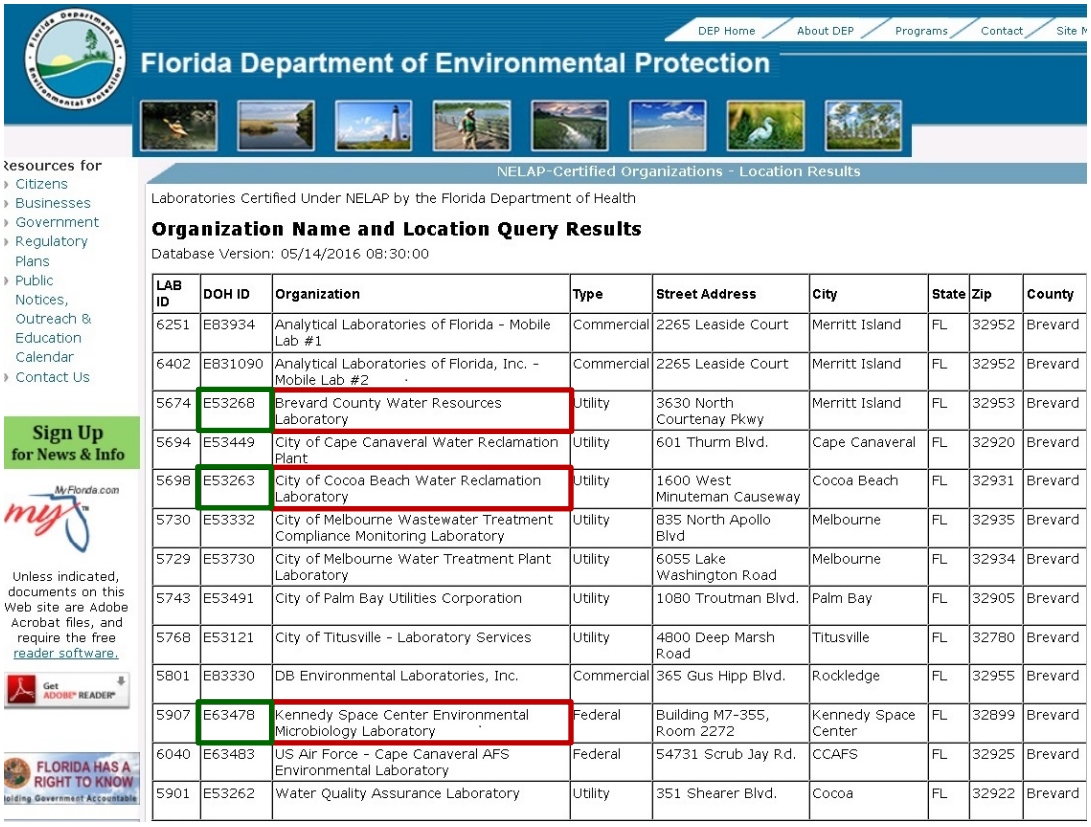
Last updated: April 23, 2015

Brevard County



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Organization Name and Location Query Results

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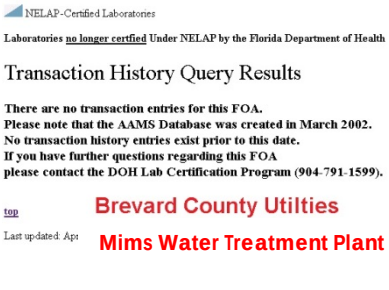
LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
6251	E83934	Analytical Laboratories of Florida - Mobile Lab #1	Commercial	2265 Leaside Court	Merritt Island	FL	32952	Brevard
6402	E831090	Analytical Laboratories of Florida, Inc. - Mobile Lab #2	Commercial	2265 Leaside Court	Merritt Island	FL	32952	Brevard
5674	E53268	Brevard County Water Resources Laboratory	Utility	3630 North Courtenay Pkwy	Merritt Island	FL	32953	Brevard
5694	E53449	City of Cape Canaveral Water Reclamation Plant	Utility	601 Thurm Blvd.	Cape Canaveral	FL	32920	Brevard
5698	E53263	City of Cocoa Beach Water Reclamation Laboratory	Utility	1600 West Minuteman Causeway	Cocoa Beach	FL	32931	Brevard
5730	E53332	City of Melbourne Wastewater Treatment Compliance Monitoring Laboratory	Utility	835 North Apollo Blvd	Melbourne	FL	32935	Brevard
5729	E53730	City of Melbourne Water Treatment Plant Laboratory	Utility	6055 Lake Washington Road	Melbourne	FL	32934	Brevard
5743	E53491	City of Palm Bay Utilities Corporation	Utility	1080 Troutman Blvd.	Palm Bay	FL	32905	Brevard
5768	E53121	City of Titusville - Laboratory Services	Utility	4800 Deep Marsh Road	Titusville	FL	32780	Brevard
5801	E83330	DB Environmental Laboratories, Inc.	Commercial	365 Gus Hipp Blvd.	Rockledge	FL	32955	Brevard
5907	E63478	Kennedy Space Center Environmental Microbiology Laboratory	Federal	Building M7-355, Room 2272	Kennedy Space Center	FL	32899	Brevard
6040	E63483	US Air Force - Cape Canaveral AFS Environmental Laboratory	Federal	54731 Scrub Jay Rd.	CCAFS	FL	32925	Brevard
5901	E53262	Water Quality Assurance Laboratory	Utility	351 Shearer Blvd.	Cocoa	FL	32922	Brevard



NELAP-Certified Laboratories

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

Transaction History Query Results

There are no transaction entries for this FOA.
Please note that the AAMS Database was created in March 2002.
No transaction history entries exist prior to this date.
If you have further questions regarding this FOA
please contact the DOH Lab Certification Program (904-791-1599).

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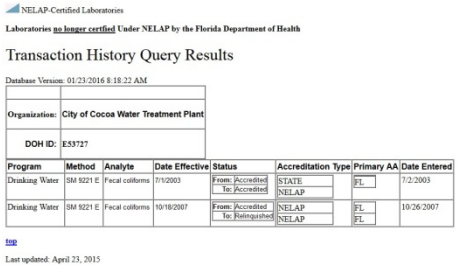
Last updated: Apr

Brevard County Utilties

Mims Water Treatment Plant



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: City of Cocoa Water Treatment Plant

DOH ID: E53727

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9221 E	Fecal coliforms	7/1/2003	From: Accredited To: Accredited	STATE NELAP	FL	7/2/2003
Drinking Water	SM 9221 E	Fecal coliforms	10/18/2007	From: Accredited To: Relinquished	NELAP NELAP	FL FL	10/26/2007

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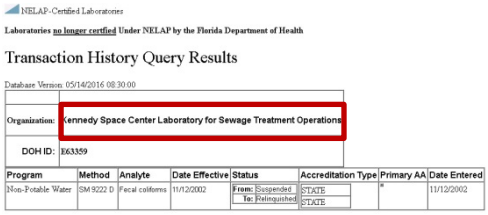
Last updated: April 23, 2015



NELAP-Certified Laboratories

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Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization: Kennedy Space Center Laboratory for Sewage Treatment Operations

DOH ID: E63359

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	11/12/2002	From: Suspended To: Relinquished	STATE STATE	*	11/12/2002

Broward County

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Organization Name and Location Query Results

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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5646	E82535	Advanced Environmental Laboratories, Inc. - Miami	Commercial	10200 USA Today Way	Miramar	FL	33025	Broward
5675	E46053	Broward County Environmental Protection and Growth Management Department	Environmental - Pollution Control	3211 College Avenue	Davie	FL	33314	Broward
5676	E56441	Broward County Water and Wastewater Services Laboratory	Utility	2401 North Powerline Road	Pompano Beach	FL	33069	Broward
5701	E56716	City of Deerfield Beach Water Treatment Plant	Utility	290 Goolsby Boulevard, Bldg. D	Deerfield Beach	FL	33442	Broward
5710	E56084	City of Fort Lauderdale Environmental Laboratory	Utility	949 NW 38th Street	Ft. Lauderdale	FL	33309	Broward
5720	E56407	City of Hollywood Utilities Laboratory	Utility	1621 North 14th Avenue	Hollywood	FL	33020	Broward
5727	E56131	City of Margate Utilities	Utility	6630 NW 9th Street	Margate	FL	33063	Broward
5731	E56565	City of Miramar West Water Treatment Plant	Utility	4100 South Flamingo Road	Miramar	FL	33027	Broward
5748	E56402	City of Plantation Utilities Department Laboratory	Utility	6500 NW 11th Place	Plantation	FL	33313	Broward
5749	E56172	City of Pompano Beach Utilities Laboratory	Utility	1205 N.E. 5th Avenue	Pompano Beach	FL	33060	Broward
5762	E56158	City of Sunrise Utilities Laboratory	Utility	777 Sawgrass Corporate Parkway	Sunrise	FL	33325	Broward
5807	E86772	E. M. Analytical, Inc.	Commercial	8000 North Ocean Drive	Dania	FL	33004	Broward
5827	E86563	Environmental Reagent Service	Commercial	3860 SW 30th Avenue	Hollywood	FL	33312	Broward
6006	E86006	Florida-Spectrum Environmental Services, Inc.	Commercial	1460 West McNab Road	Ft. Lauderdale	FL	33309	Broward
6042	E86240	Pace Analytical Services-South Florida	Commercial	3610 Park Central N.	Pompano Beach	FL	33064	Broward
6421	E861109	Professional Environmental Testing and Consulting, LLC	Commercial	4650 SW 51st Street, #702	Davie	FL	33314	Broward

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Coral Springs Improvement District Laboratory
DOH ID:	E46093

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	7/2/2002	From: Accredited To: Inactive	NELAP NELAP	FL FL	9/9/2002

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Hallandale Beach Water Treatment Plant
DOH ID:	E56744

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 4500 F-C	Fluoride	2/2/2006	From: Accredited To: Relinquished	NELAP NELAP	FL FL	2/3/2006

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Lauderhill Water Treatment Plant
DOH ID:	E56756

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9222 B	Total coliforms	10/2/2002	From: Accredited To: Suspended	STATE STATE	"	10/10/2002
Drinking Water	SM 9222 B	Total coliforms	4/2/2003	From: Suspended To: Relinquished	STATE NELAP	FL	4/14/2003

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Last updated: April 23, 2015

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of North Lauderdale Water Plant
DOH ID:	E56721

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Total coliforms ~and~ E. coli	3/24/2004	From: Accredited To: Relinquished	STATE STATE	"	3/25/2004

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Pembroke Pines Wastewater Treatment Plant
DOH ID:	E56300

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 2540 C	Residue-filterable (TDS)	12/3/2013	From: Accredited To: Relinquished	NELAP NELAP	FL FL	12/4/2013

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Tamarac Utilities Laboratory
DOH ID:	E56735

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	NA + MUG	Escherichia coli	12/29/2004	From: (No Certification) To: Accredited	NELAP	FL	1/7/2005
Drinking Water	NA + MUG	Escherichia coli	6/16/2009	From: Accredited To: Relinquished	NELAP NELAP	FL FL	6/23/2009
Drinking Water	SM 9223 B	Escherichia coli	3/13/2002	From: (No Certification) To: Accredited	NELAP	FL	5/13/2008
Drinking Water	SM 9223 B	Escherichia coli	6/1/2010	From: Accredited To: Suspended	NELAP NELAP	FL FL	6/1/2010
Drinking Water	SM 9223 B	Escherichia coli	6/7/2010	From: Suspended To: Accredited	NELAP NELAP	FL FL	6/7/2010
Drinking Water	SM 9223 B	Escherichia coli	7/1/2015	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/10/2015

Charlotte County

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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5663	E85086	Benchmark EA South	Commercial	1001 Corporate Avenue, Suite 102	North Port	FL	34289	Charlotte	(941) 625-3137
5682	E54436	Charlotte County Utilities - East Port Laboratory	Utility	3100 Loveland Blvd	Port Charlotte	FL	33980	Charlotte	(941) 764-4300
5753	E55724	City of Punta Gorda Water Treatment Plant	Utility	38100 Washington Loop Road	Punta Gorda	FL	33982	Charlotte	(941) 639-2057

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL DEP - South District Laboratory
DOH ID:	E34830

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Biochemical oxygen demand	1/22/2002	From: No Certification To: Applied	None NELAP	FL	12/20/2002
Non-Potable Water	SM 5210 B	Biochemical oxygen demand	7/1/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	8/13/2003
Non-Potable Water	SM 5210 B	Biochemical oxygen demand	5/12/2008	From: Accredited To: Relinquished	NELAP NELAP	FL FL	5/12/2008

Chatham County

There are no Laboratories Currently Accredited in Chatham County

NELAP-Certified Laboratories

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

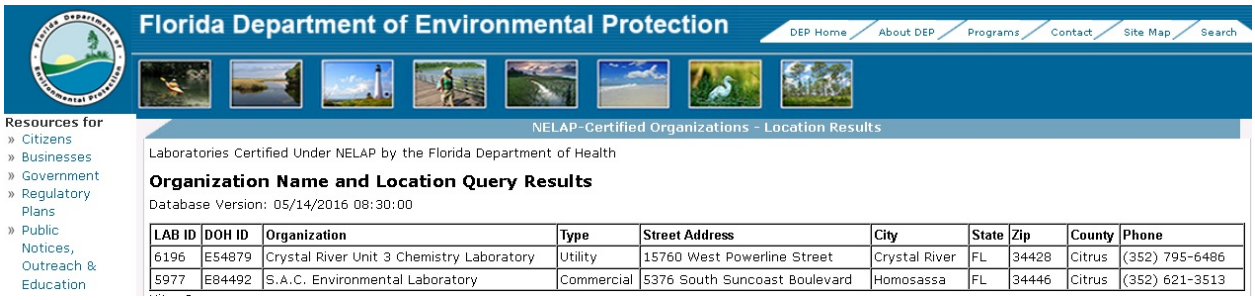
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**Chatham County Health Department Laboratory**
DOH ID:	**E37980**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 1600	Enterococci	12/19/2005	**From:** Applied **To:** Applied	NELAP NELAP	FL FL	12/21/2005
Non-Potable Water	EPA 1600	Enterococci	12/19/2005	**From:** No Certification **To:** Accredited	None NELAP	FL	12/21/2005
Non-Potable Water	EPA 1600	Enterococci	12/21/2005	**From:** Accredited **To:** Applied	NELAP NELAP	FL FL	12/21/2005
Non-Potable Water	EPA 1600	Enterococci	4/24/2006	**From:** Accredited **To:** Accredited	NELAP NELAP	FL FL	5/19/2006
Non-Potable Water	EPA 1600	Enterococci	4/24/2006	**From:** Applied **To:** Accredited	NELAP NELAP	FL FL	5/19/2006
Non-Potable Water	EPA 1600	Enterococci	11/1/2012	**From:** Accredited **To:** Relinquished	NELAP NELAP	FL FL	11/7/2012

Citrus County



LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
6196	E54879	Crystal River Unit 3 Chemistry Laboratory	Utility	15760 West Powerline Street	Crystal River	FL	34428	Citrus	(352) 795-6486
5977	E84492	S.A.C. Environmental Laboratory	Commercial	5376 South Suncoast Boulevard	Homosassa	FL	34446	Citrus	(352) 621-3513

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**FL Dept. of Health - Citrus County Health Department**
DOH ID:	**E24768**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	1/14/2003	**From:** No Certification **To:** Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	12/7/2010	**From:** Accredited **To:** Suspended	NELAP NELAP	FL FL	12/7/2010
Drinking Water	SM 9223 B	Escherichia coli	1/13/2011	**From:** Suspended **To:** Accredited	NELAP NELAP	FL FL	1/14/2011
Drinking Water	SM 9223 B	Escherichia coli	7/1/2012	**From:** Inactive **To:** Inactive	NELAP NELAP	FL FL	7/17/2012
Drinking Water	SM 9223 B	Escherichia coli	7/1/2012	**From:** Inactive **To:** Inactive	NELAP NELAP	FL FL	7/17/2012
Drinking Water	SM 9223 B	Escherichia coli	7/1/2012	**From:** Accredited **To:** Inactive	NELAP NELAP	FL FL	7/16/2012

Dade County

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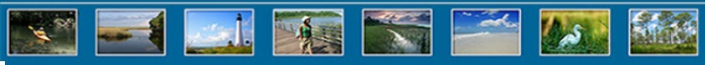

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Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5649	E86198	All State Engineering and Testing Consultants, Inc.	Commercial	9600 NW 79th Ave	Hialeah Gardens	FL	33016	Dade
5736	E56733	City of North Miami Beach Quality Control Laboratory	Utility	19150 N. W. 8th Avenue	Miami	FL	33169	Dade
5737	E56722	City of North Miami Water Treatment Plant	Utility	12098 N. W. 11th Avenue	North Miami	FL	33168	Dade
5797	E46126	Dade County Department of Regulatory and Economic Resource	Environmental - Pollution Control	211 West Flagler Street	Miami	FL	33130	Dade
5817	E86795	EMSL Analytical, Inc. - FL	Commercial	Skylake Executive Industrial Park	North Miami Beach	FL	33179	Dade
6336	E761019	Environmental Analysis Research Lab (EARL) at the Southeast Environmental Research Center (SERC)	University	Florida International Univ.	Miami	FL	33181	Dade
5838	E16533	FL Department of Health - Miami Branch Laboratory	DOH LAB	1325 N.W. 14th Avenue, Building 7	Miami	FL	33125	Dade
5862	E56717	Florida Keys Aqueduct Authority - Florida City Treatment Plant	Utility	S. W. 192nd Avenue ~and~ 354th Street	Florida City	FL	33034	Dade
5927	E56236	Miami-Dade Central District Wastewater Treatment Plant Laboratory	Utility	Virginia Key Beach Road	Virginia Key-Miami	FL	33149	Dade
5928	E56512	Miami-Dade North District Wastewater Treatment Plant Laboratory	Utility	2575 Northeast 151st Street	North Miami Beach	FL	33160	Dade
5929	E56227	Miami-Dade South District Wastewater Treatment Plant Laboratory	Utility	8950 S.W. 232nd Street	Miami	FL	33190	Dade
5931	E56720	Miami-Dade Water & Sewer Authority - Orr Water Treatment Plant Laboratory	Utility	6800 S. W. 87th Avenue	Miami	FL	33173	Dade
5930	E56731	Miami-Dade Water & Sewer Department - John E. Preston Water Quality Laboratory	Utility	1100 West Second Avenue - 2nd Floor	Hialeah	FL	33010	Dade
6247	E76930	Southeast Environmental Research Center (SERC)	University	FIU (Florida International University)	Miami	FL	33199	Dade
6277	E76960	Southeast Environmental Research Center Mercury Laboratory Florida International University	University	VH 316, FIU SERC	Miami	FL	33199	Dade

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Miami-Dade County Public Schools, Department of Materials Testing and Evaluation
DOH ID:	E96766

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 3113 B	Lead	4/24/2001	From: Accredited To: Accredited	STATE NELAP	FL	1/21/2003
Drinking Water	SM 3113 B	Lead	7/1/2011	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/8/2011

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	NOAA - AOML Nutrient Laboratory
DOH ID:	E661069

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 353.4	Nitrate as N	1/5/2010	From: No Certification To: Applied	None NELAP	FL	1/11/2010
Non-Potable Water	EPA 353.4	Nitrate as N	5/28/2010	From: Applied To: Accredited	NELAP NELAP	FL FL	8/10/2010
Non-Potable Water	EPA 353.4	Nitrate as N	3/1/2013	From: Inactive To: Inactive	NELAP NELAP	FL FL	3/12/2013
Non-Potable Water	EPA 353.4	Nitrate as N	3/1/2013	From: Accredited To: Relinquished	NELAP NELAP	FL FL	3/12/2013
Non-Potable Water	EPA 353.4	Nitrate as N	3/1/2013	From: Relinquished To: Inactive	NELAP NELAP	FL FL	3/12/2013

NELAP-Certified Laboratories

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

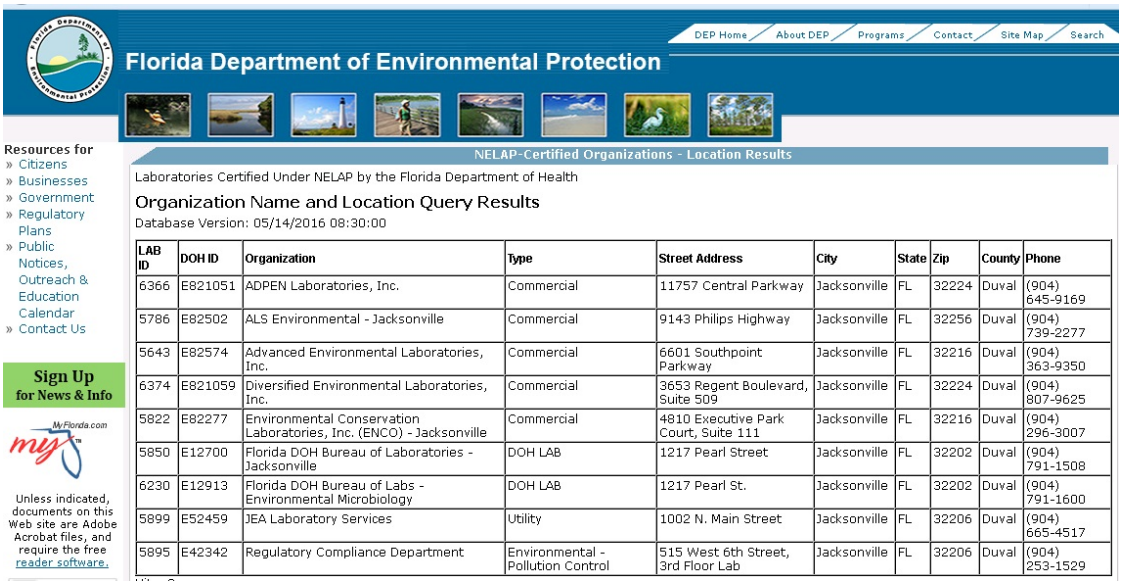
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	UF-TREC Soil and Water Laboratory
DOH ID:	E06897

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 350.1	Ammonia as N	9/24/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	1/9/2004
Non-Potable Water	EPA 350.1	Ammonia as N	8/31/2010	From: Accredited To: Suspended	NELAP NELAP	FL FL	8/31/2010
Non-Potable Water	EPA 350.1	Ammonia as N	2/28/2011	From: Suspended To: Relinquished	NELAP NELAP	FL FL	3/1/2011

Duval County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
6366	E821051	ADPEN Laboratories, Inc.	Commercial	11757 Central Parkway	Jacksonville	FL	32224	Duval	(904) 645-9169
5786	E82502	ALS Environmental - Jacksonville	Commercial	9143 Philips Highway	Jacksonville	FL	32256	Duval	(904) 739-2277
5643	E82574	Advanced Environmental Laboratories, Inc.	Commercial	6601 Southpoint Parkway	Jacksonville	FL	32216	Duval	(904) 363-9350
6374	E821059	Diversified Environmental Laboratories, Inc.	Commercial	3653 Regent Boulevard, Suite 509	Jacksonville	FL	32224	Duval	(904) 807-9625
5822	E82277	Environmental Conservation Laboratories, Inc. (ENCO) - Jacksonville	Commercial	4810 Executive Park Court, Suite 111	Jacksonville	FL	32216	Duval	(904) 296-3007
5850	E12700	Florida DOH Bureau of Laboratories - Jacksonville	DOH LAB	1217 Pearl Street	Jacksonville	FL	32202	Duval	(904) 791-1508
6230	E12913	Florida DOH Bureau of Labs - Environmental Microbiology	DOH LAB	1217 Pearl St.	Jacksonville	FL	32202	Duval	(904) 791-1600
5899	E52459	JEA Laboratory Services	Utility	1002 N. Main Street	Jacksonville	FL	32206	Duval	(904) 665-4517
5895	E42342	Regulatory Compliance Department	Environmental - Pollution Control	515 West 6th Street, 3rd Floor Lab	Jacksonville	FL	32206	Duval	(904) 253-1529

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL DEP - NE District
DOH ID:	E32890

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA/ 600/ 8-78 / 017 P. 124	Fecal coliforms	1/13/2003	From: No Certification To: Applied	None NELAP	FL	1/14/2003
Non-Potable Water	EPA/ 600/ 8-78 / 017 P. 124	Fecal coliforms	8/14/2003	From: Applied To: Withdrawn	NELAP NELAP	FL FL	8/26/2003
Non-Potable Water	EPA/ 600/ 8-78 / 017 P. 124	Fecal coliforms	7/1/2008	From: Withdrawn To: Inactive	NELAP NELAP	FL FL	7/31/2008
Non-Potable Water	SM 9222 D	Fecal coliforms	1/13/2003	From: No Certification To: Applied	None NELAP	FL	1/14/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	1/15/2004	From: Applied To: Accredited	NELAP NELAP	FL FL	1/16/2004
Non-Potable Water	SM 9222 D	Fecal coliforms	7/1/2008	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/31/2008

NELAP-Certified Laboratories

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

Transaction History Query Results

There are no transaction entries for this FOA.
Please note that the AAMS Database was created in March 2002.
No transaction history entries exist prior to this date.
If you have further questions regarding this FOA
please contact the DOH Lab Certification Program (904-791-1599).

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City of Atlantic Beach Wastewater Treatment Plant

Last updated: April 23, 2015

Escambia County

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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5993	E81140	Ascend Performance Materials LLC	Commercial	3000 Old Chemstrand Road, Building 707	Cantonment	FL	32533	Escambia	(850) 968-7000
5833	E51361	Emerald Coast Utilities Authority	Utility	9250 Sturdevant Street	Pensacola	FL	32514	Escambia	(850) 969-6688
6428	E911116	Escambia County Water Quality Laboratory	Other	3363 West Park Place	Pensacola	FL	32505	Escambia	(850) 595-1873
6173	E91861	International Paper Pensacola Mill Central Laboratory	Other	375 Muscogee Rd	Cantonment	FL	32533	Escambia	(850) 968-2121
6032	E81181	TRAC - Biomonitoring Services Laboratory	Commercial	14 South 2nd Street	Pensacola	FL	32507	Escambia	(850) 456-5836
5985	E81010	TestAmerica Pensacola	Commercial	3355 McLemore Drive	Pensacola	FL	32514	Escambia	(850) 474-1001
6286	E71969	University of West Florida Wetlands Research Laboratory	University	University of West Florida	Pensacola	FL	32514	Escambia	(850) 474-2060

Hits: 7

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Department of Health - Pensacola Branch Laboratory
DOH ID:	E11062

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	READYCULT	Escherichia coli	4/25/2005	From: No Certification To: Accredited	None NELAP	FL	5/19/2008
Drinking Water	READYCULT	Escherichia coli	7/27/2010	From: Accredited To: Relinquished	NELAP NELAP	FL FL	7/27/2010
Drinking Water	READYCULT	Escherichia coli	7/27/2010	From: Accredited To: Accredited	NELAP NELAP	FL FL	7/27/2010
Drinking Water	SM 9223 B	Escherichia coli	5/28/2010	From: No Certification To: Applied	None NELAP	FL	6/1/2010
Drinking Water	SM 9223 B	Escherichia coli	7/26/2010	From: Applied To: Accredited	NELAP NELAP	FL FL	7/27/2010
Drinking Water	SM 9223 B	Escherichia coli	7/1/2015	From: Accredited To: Inactive	NELAP NELAP	FL FL	8/6/2015

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL DEP - NW District Chemistry Laboratory
DOH ID:	E31887

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	10/7/2002	From: No Certification To: Applied	None NELAP	FL	12/17/2002
Non-Potable Water	SM 9222 D	Fecal coliforms	10/1/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	1/9/2004
Non-Potable Water	SM 9222 D	Fecal coliforms	12/19/2007	From: Accredited To: Relinquished	NELAP NELAP	FL FL	1/4/2008

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	University of West Florida Wetlands Research Laboratory
DOH ID:	E71176

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 202.1	Aluminum	7/1/2005	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/20/2005

Gulf County

There are no Laboratories Currently Accredited in Gulf County

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Port St. Joe Wastewater Treatment Plant Laboratory**
DOH ID:	**E51289**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9221 E	Fecal coliforms	7/1/2003	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/24/2003
Non-Potable Water	SM 9221 C	Fecal coliforms	7/1/2003	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/24/2003

Hardee County

There are no Laboratories Currently Accredited in Hardee County

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Wauchula Wastewater Treatment Plant**
DOH ID:	**E54466**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	7/1/2003	**From:** Accredited **To:** Inactive	STATE STATE		6/26/2003

Hernando County

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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/21/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
6002	E44149	Southwest Florida Water Management District	Environmental - Pollution Control	2379 Broad Street	Brooksville	FL	34609	Hernando	(352) 796-7211

Hits: 1

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**FL Dept. of Health - Hernando County Health Department**
DOH ID:	**E24704**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9221 E	Fecal coliforms	4/17/2002	**From:** Accredited **To:** Accredited	STATE NELAP	FL	2/27/2003
Drinking Water	SM 9221 E	Fecal coliforms	10/1/2003	**From:** Accredited **To:** Relinquished	NELAP NELAP	FL FL	9/30/2003

Highland County

There are no Laboratories Currently Accredited in Highland County

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Sebring Wastewater Treatment Plant**
DOH ID:	**E55378**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	2/3/2003	**From:** Accredited **To:** Relinquished	STATE STATE	"	2/10/2003

NELAP-Certified Laboratories

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

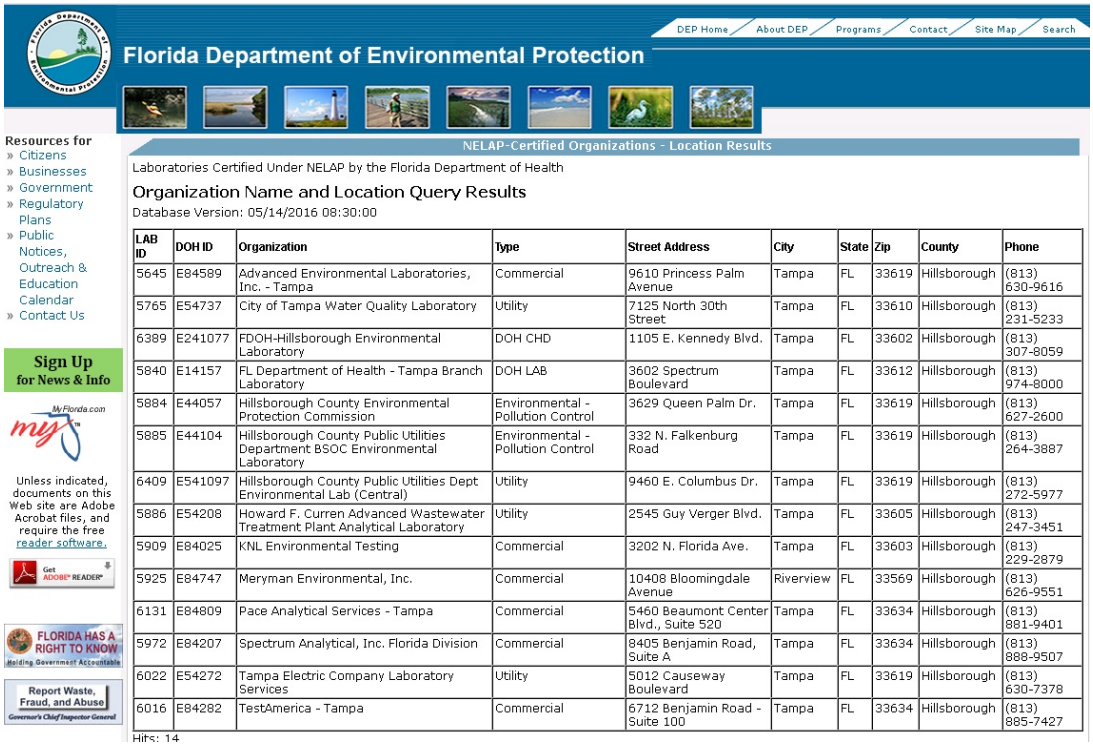
Transaction History Query Results

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

Organization:	**FL Dept. of Health - Highlands County Health Department**
DOH ID:	**E25705**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	ENTEROLERT	Enterococci	12/11/2009	**From:** No Certification **To:** Applied	None NELAP	FL	12/15/2009
Non-Potable Water	ENTEROLERT	Enterococci	12/11/2009	**From:** Accredited **To:** Applied	NELAP NELAP	FL FL	12/1/2010
Non-Potable Water	ENTEROLERT	Enterococci	11/29/2010	**From:** Accredited **To:** Accredited	NELAP NELAP	FL FL	12/16/2010
Non-Potable Water	ENTEROLERT	Enterococci	11/29/2010	**From:** Applied **To:** Accredited	NELAP NELAP	FL FL	11/30/2010
Non-Potable Water	ENTEROLERT	Enterococci	11/30/2010	**From:** Applied **To:** Accredited	NELAP NELAP	FL FL	12/16/2010
Non-Potable Water	ENTEROLERT	Enterococci	11/27/2013	**From:** Accredited **To:** Relinquished	NELAP NELAP	FL FL	12/2/2013

Hillsborough County



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Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5645	E84589	Advanced Environmental Laboratories, Inc. - Tampa	Commercial	9610 Princess Palm Avenue	Tampa	FL	33619	Hillsborough	(813) 630-9616
5765	E54737	City of Tampa Water Quality Laboratory	Utility	7125 North 30th Street	Tampa	FL	33610	Hillsborough	(813) 231-5233
6389	E241077	FDOH-Hillsborough Environmental Laboratory	DOH CHD	1105 E. Kennedy Blvd.	Tampa	FL	33602	Hillsborough	(813) 307-8059
5840	E14157	FL Department of Health - Tampa Branch Laboratory	DOH LAB	3602 Spectrum Boulevard	Tampa	FL	33612	Hillsborough	(813) 974-8000
5884	E44057	Hillsborough County Environmental Protection Commission	Environmental - Pollution Control	3629 Queen Palm Dr.	Tampa	FL	33619	Hillsborough	(813) 627-2600
5885	E44104	Hillsborough County Public Utilities Department BSOC Environmental Laboratory	Environmental - Pollution Control	332 N. Falkenburg Road	Tampa	FL	33619	Hillsborough	(813) 264-3887
6409	E541097	Hillsborough County Public Utilities Dept Environmental Lab (Central)	Utility	9460 E. Columbus Dr.	Tampa	FL	33619	Hillsborough	(813) 272-5977
5886	E54208	Howard F. Curren Advanced Wastewater Treatment Plant Analytical Laboratory	Utility	2545 Guy Verger Blvd.	Tampa	FL	33605	Hillsborough	(813) 247-3451
5909	E84025	KNL Environmental Testing	Commercial	3202 N. Florida Ave.	Tampa	FL	33603	Hillsborough	(813) 229-2879
5925	E84747	Meryman Environmental, Inc.	Commercial	10408 Bloomingdale Avenue	Riverview	FL	33569	Hillsborough	(813) 626-9551
6131	E84809	Pace Analytical Services - Tampa	Commercial	5460 Beaumont Center Blvd., Suite 520	Tampa	FL	33634	Hillsborough	(813) 881-9401
5972	E84207	Spectrum Analytical, Inc. Florida Division	Commercial	8405 Benjamin Road, Suite A	Tampa	FL	33634	Hillsborough	(813) 888-9507
6022	E54272	Tampa Electric Company Laboratory Services	Utility	5012 Causeway Boulevard	Tampa	FL	33619	Hillsborough	(813) 630-7378
6016	E84282	TestAmerica - Tampa	Commercial	6712 Benjamin Road - Suite 100	Tampa	FL	33634	Hillsborough	(813) 885-7427

Hits: 14

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL DEP - SW District Chemistry Laboratory
DOH ID:	E34886

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	10/7/2002	From: No Certification To: Applied	None NELAP	FL	12/17/2002
Non-Potable Water	SM 9222 D	Fecal coliforms	8/18/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	10/10/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	1/10/2006	From: Accredited To: Suspended	NELAP NELAP	FL FL	1/10/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	8/7/2006	From: Suspended To: Accredited	NELAP NELAP	FL FL	8/11/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	3/28/2008	From: Accredited To: Relinquished	NELAP NELAP	FL FL	4/15/2008

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Plant City Water Pollution Control Laboratory
DOH ID:	E44301

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 4500-Cl G	Residual free chlorine	9/17/2003	From: Accredited To: Relinquished	STATE STATE		9/25/2003

Indian River County

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Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5849	E23759	FL Dept. of Health - Indian River County Health Department	DOH CHD	1900 27th Street	Vero Beach	FL	32960	Indian River

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Vero Beach Environmental Control Laboratory**
DOH ID:	**E53303**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 4500 F-C	Fluoride	3/10/2003	From: Accredited To: Accredited	STATE NELAP	FL	4/11/2003
Drinking Water	SM 4500 F-C	Fluoride	7/1/2012	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/17/2012
Drinking Water	SM 4500 F-C	Fluoride	7/1/2012	From: Inactive To: Inactive	NELAP NELAP	FL FL	7/17/2012
Non-Potable Water	SM 4500 F-C	Fluoride	3/10/2003	From: Accredited To: Accredited	STATE NELAP	FL	4/11/2003
Non-Potable Water	SM 4500 F-C	Fluoride	7/1/2012	From: Inactive To: Inactive	NELAP NELAP	FL FL	7/17/2012
Non-Potable Water	SM 4500 F-C	Fluoride	7/1/2012	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/17/2012

NELAP-Certified Laboratories

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Transaction History Query Results

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

Organization:	**City Of Vero Beach, Wastewater Treatment Plant**
DOH ID:	**E43877**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 2540 D	Residue-nonfilterable (TSS)	10/24/2002	From: No Certification To: Applied	None NELAP	FL	10/28/2002
Non-Potable Water	SM 2540 D	Residue-nonfilterable (TSS)	4/1/2003	From: Accredited To: Accredited	NELAP NELAP	FL FL	5/23/2003
Non-Potable Water	SM 2540 D	Residue-nonfilterable (TSS)	5/23/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	5/23/2003
Non-Potable Water	SM 2540 D	Residue-nonfilterable (TSS)	8/3/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	8/5/2005

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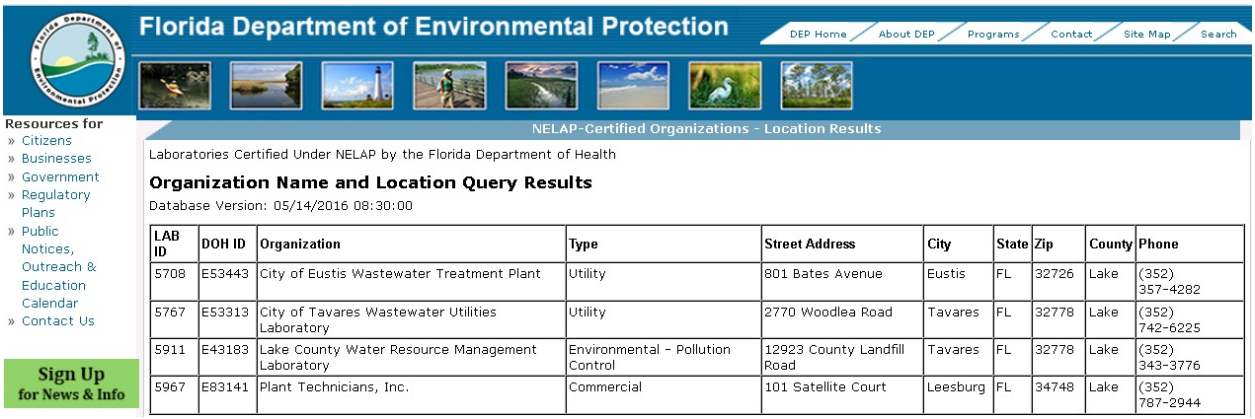
Last updated: April 23, 2015

Lake County



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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5708	E53443	City of Eustis Wastewater Treatment Plant	Utility	801 Bates Avenue	Eustis	FL	32726	Lake	(352) 357-4282
5767	E53313	City of Tavares Wastewater Utilities Laboratory	Utility	2770 Woodlea Road	Tavares	FL	32778	Lake	(352) 742-6225
5911	E43183	Lake County Water Resource Management Laboratory	Environmental - Pollution Control	12923 County Landfill Road	Tavares	FL	32778	Lake	(352) 343-3776
5967	E83141	Plant Technicians, Inc.	Commercial	101 Satellite Court	Leesburg	FL	34748	Lake	(352) 787-2944

NELAP-Certified Laboratories

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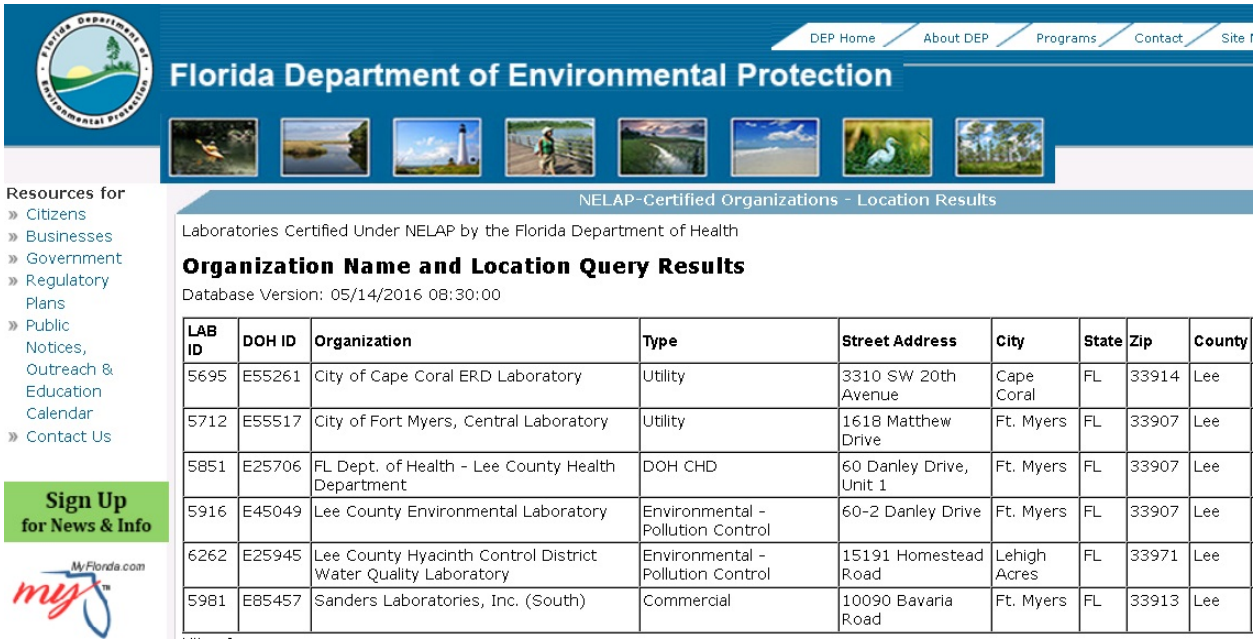
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Leesburg Wastewater Utility Laboratory**
DOH ID:	**E53306**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	2/28/2014	**From:** Accredited **To:** Relinquished	NELAP NELAP	FL FL	3/5/2014

Lee County



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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5695	E55261	City of Cape Coral ERD Laboratory	Utility	3310 SW 20th Avenue	Cape Coral	FL	33914	Lee
5712	E55517	City of Fort Myers, Central Laboratory	Utility	1618 Matthew Drive	Ft. Myers	FL	33907	Lee
5851	E25706	FL Dept. of Health - Lee County Health Department	DOH CHD	60 Danley Drive, Unit 1	Ft. Myers	FL	33907	Lee
5916	E45049	Lee County Environmental Laboratory	Environmental - Pollution Control	60-2 Danley Drive	Ft. Myers	FL	33907	Lee
6262	E25945	Lee County Hyacinth Control District Water Quality Laboratory	Environmental - Pollution Control	15191 Homestead Road	Lehigh Acres	FL	33971	Lee
5981	E85457	Sanders Laboratories, Inc. (South)	Commercial	10090 Bavaria Road	Ft. Myers	FL	33913	Lee

NELAP-Certified Laboratories

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Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Bonita Springs Utilities WRF Lab
DOH ID:	E55419

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	8/29/2001	From: Accredited To: Relinquished	STATE STATE		11/12/2002

NELAP-Certified Laboratories

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Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Florida State Hospital Wastewater Treatment Plant
DOH ID:	E51431

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	9/30/2005	From: Accredited To: Revoked	NELAP NELAP	FL FL	10/5/2005

NELAP-Certified Laboratories

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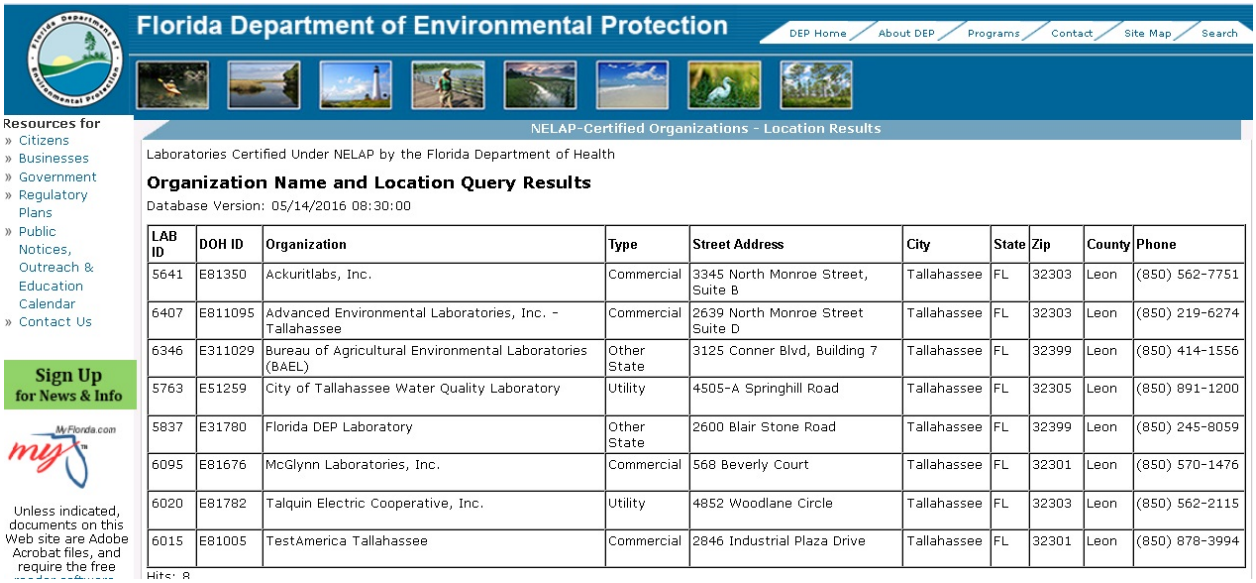
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Fiesta Village Wastewater Laboratory
DOH ID:	E45849

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	9/26/2002	From: No Certification To: Applied	None NELAP	FL	9/30/2002
Non-Potable Water	SM 9222 D	Fecal coliforms	4/17/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	8/1/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	3/18/2014	From: Accredited To: Relinquished	NELAP NELAP	FL FL	3/18/2014

Leon County



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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5641	E81350	Ackuritlabs, Inc.	Commercial	3345 North Monroe Street, Suite B	Tallahassee	FL	32303	Leon	(850) 562-7751
6407	E811095	Advanced Environmental Laboratories, Inc. - Tallahassee	Commercial	2639 North Monroe Street Suite D	Tallahassee	FL	32303	Leon	(850) 219-6274
6346	E311029	Bureau of Agricultural Environmental Laboratories (BAEL)	Other State	3125 Conner Blvd, Building 7	Tallahassee	FL	32399	Leon	(850) 414-1556
5763	E51259	City of Tallahassee Water Quality Laboratory	Utility	4505-A Springhill Road	Tallahassee	FL	32305	Leon	(850) 891-1200
5837	E31780	Florida DEP Laboratory	Other State	2600 Blair Stone Road	Tallahassee	FL	32399	Leon	(850) 245-8059
6095	E81676	McGlynn Laboratories, Inc.	Commercial	568 Beverly Court	Tallahassee	FL	32301	Leon	(850) 570-1476
6020	E81782	Talquin Electric Cooperative, Inc.	Utility	4852 Woodlane Circle	Tallahassee	FL	32303	Leon	(850) 562-2115
6015	E81005	TestAmerica Tallahassee	Commercial	2846 Industrial Plaza Drive	Tallahassee	FL	32301	Leon	(850) 878-3994

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Database Version: 05/14/2016 08:30:00

Organization:	**FL DEP - Central Laboratory/Innovation Park Satellite Laboratory**
DOH ID:	**E31640**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 624	1,1,1-Trichloroethane	10/19/2011	**From:** Accredited **To:** Inactive	NELAP NELAP	FL FL	1/17/2012
Non-Potable Water	EPA 8260	1,1,1-Trichloroethane	7/1/2003	**From:** No Certification **To:** Accredited	None NELAP	FL	9/24/2003
Non-Potable Water	EPA 8260	1,1,1-Trichloroethane	10/19/2011	**From:** Accredited **To:** Inactive	NELAP NELAP	FL FL	1/17/2012
Solids	EPA 8260	1,1,1-Trichloroethane	10/19/2011	**From:** Accredited **To:** Inactive	NELAP NELAP	FL FL	1/17/2012

Manatee County

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Organization Name and Location Query Results

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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5668	E84167	Benchmark EnviroAnalytical, Inc.	Commercial	1711 12th Street East	Palmetto	FL	34221	Manatee	(941) 723-9986
5919	E44247	Manatee County Parks and Natural Resources Department	Environmental - Pollution Control	1501 Dam Road	Bradenton	FL	34212	Manatee	(941) 742-5980
5924	E54719	Manatee County Utilities Department WTPQC Laboratory	Utility	17915 Waterline Road	Bradenton	FL	34212	Manatee	(941) 746-3020
5920	E54560	Manatee County Utility Department Central Laboratory	Utility	4751 66th Street West	Bradenton	FL	34210	Manatee	(941) 792-8811
5892	E84578	Mosaic Fertilizer LLC Environmental Laboratory	Commercial	7450 County Road 630	Mulberry	FL	33860	Manatee	(863) 428-4436

Hits: 5

NELAP-Certified Laboratories

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Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Bradenton Water Treatment Plant Laboratory**
DOH ID:	**E54712**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 3111 B	Zinc	5/6/2004	From: Accredited To: Relinquished	NELAP NELAP	FL FL	5/17/2004
Drinking Water	SM 3111 B	Zinc	7/1/2012	From: Inactive To: Inactive	NELAP NELAP	FL FL	7/16/2012
Drinking Water	SM 3111 B	Zinc	7/1/2012	From: Inactive To: Inactive	NELAP NELAP	FL FL	7/16/2012
Drinking Water	SM 3111 B	Zinc	7/1/2012	From: Relinquished To: Inactive	NELAP NELAP	FL FL	7/16/2012

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NELAP-Certified Laboratories

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Transaction History Query Results

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

Organization:	**City of Bradenton Water Reclamation Laboratory**
DOH ID:	**E54461**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	4/11/2005	From: Inactive To: Relinquished	NELAP NELAP	FL FL	4/19/2005
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	4/11/2005	From: Accredited To: Inactive	NELAP NELAP	FL FL	4/19/2005

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Marion County

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Organization Name and Location Query Results

Database Version: 05/21/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5659	E83265	Aqua Pure Water & Sewage Service, Inc.	Commercial	10865 East State Road 40	Silver Springs	FL	34488	Marion
5738	E53377	City of Ocala Water Quality Laboratory	Utility	4200 SE 24th Street	Ocala	FL	34471	Marion
6401	E831089	Marion County Water Test Lab., LLC	Commercial	3940 SE 45th Ct.	Ocala	FL	34480	Marion

Hits: 3

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**FL Dept. of Health - Marion County Health Department**
DOH ID:	**E23708**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	11/7/2002	**From:** No Certification **To:** Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	7/1/2011	**From:** Accredited **To:** Inactive	NELAP NELAP	FL FL	7/11/2011

NELAP-Certified Laboratories

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Transaction History Query Results

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

Organization:	**U.S. Geological Survey, WRD, OWQRL**
DOH ID:	**E63507**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 410.4	Chemical oxygen demand	7/15/2003	**From:** Accredited **To:** Accredited	STATE NELAP	FL	8/15/2003
Non-Potable Water	EPA 410.4	Chemical oxygen demand	9/30/2004	**From:** Accredited **To:** Relinquished	NELAP NELAP	FL FL	5/12/2005

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Nasau County

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Laboratories Certified Under NELAP by the Florida Department of Health

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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
6179	E92860	Rayonier Performance Fibers, LLC.	Other	10 Gum Street	Fernandina Beach	FL	32035	Nassau	(904) 277-1480
6223	E92906	WestRock CP, LLC	Other	North 8th Street	Fernandina Beach	FL	32034	Nassau	(904) 277-7731

Hits: 2

NELAP-Certified Laboratories

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

Transaction History Query Results

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

Organization:	**City of Fernandina Beach Wastewater Treatment Plant**
DOH ID:	**E52335**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	7/8/2003	From: Accredited To: Accredited	STATE NELAP	FL	8/21/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	10/28/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	10/28/2005

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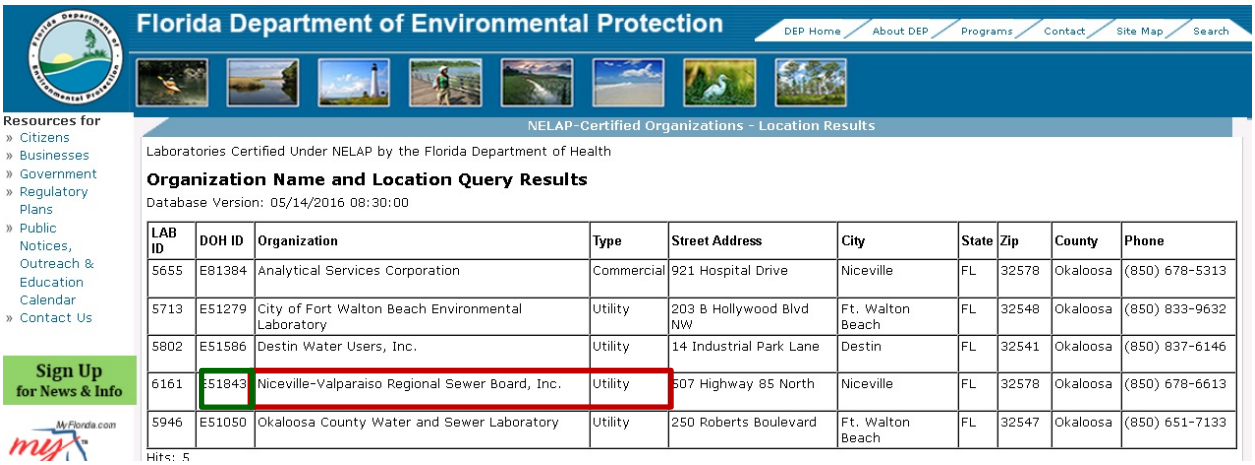
Last updated: April 23, 2015

Okaloosa County



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LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5655	E81384	Analytical Services Corporation	Commercial	921 Hospital Drive	Niceville	FL	32578	Okaloosa	(850) 678-5313
5713	E51279	City of Fort Walton Beach Environmental Laboratory	Utility	203 B Hollywood Blvd NW	Ft. Walton Beach	FL	32548	Okaloosa	(850) 833-9632
5802	E51586	Destin Water Users, Inc.	Utility	14 Industrial Park Lane	Destin	FL	32541	Okaloosa	(850) 837-6146
6161	E51843	Niceville-Valparaiso Regional Sewer Board, Inc.	Utility	607 Highway 85 North	Niceville	FL	32578	Okaloosa	(850) 678-6613
5946	E51050	Okaloosa County Water and Sewer Laboratory	Utility	250 Roberts Boulevard	Ft. Walton Beach	FL	32547	Okaloosa	(850) 651-7133

Hits: 5

NELAP-Certified Laboratories

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

Transaction History Query Results

There are no transaction entries for this FOA.
Please note that the AAMS Database was created in March 2002.
No transaction history entries exist prior to this date.
If you have further questions regarding this FOA
please contact the DOH Lab Certification Program (904-791-1599).

Niceville-Valparaiso Okaloosa Sewage Board

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Last updated: April 23, 2015

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Mary Esther Wastewater Treatment Plant
DOH ID:	E51497

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	7/1/2003	From: Accredited To: Inactive	NELAP NELAP	FL FL	6/19/2003

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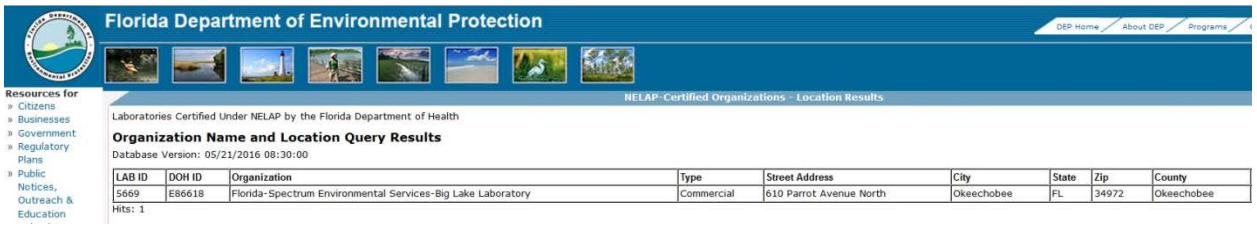
Okeechobee County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/21/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5669	E86618	Florida-Spectrum Environmental Services-Big Lake Laboratory	Commercial	610 Parrot Avenue North	Okeechobee	FL	34972	Okeechobee

Hits: 1

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**Okeechobee Utility Authority Water Treatment Plant**
DOH ID:	**E56723**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9221 E	Fecal coliforms	10/10/2002	From: Accredited To: Revoked	STATE STATE		10/18/2002
Drinking Water	SM 9221 E	Fecal coliforms	10/10/2002	From: Revoked To: Revoked	STATE STATE		10/18/2002

NELAP-Certified Laboratories

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Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**Okeechobee Utility Authority Wastewater Treatment Plant Laboratory**
DOH ID:	**E56584**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	5/23/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	5/26/2005

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

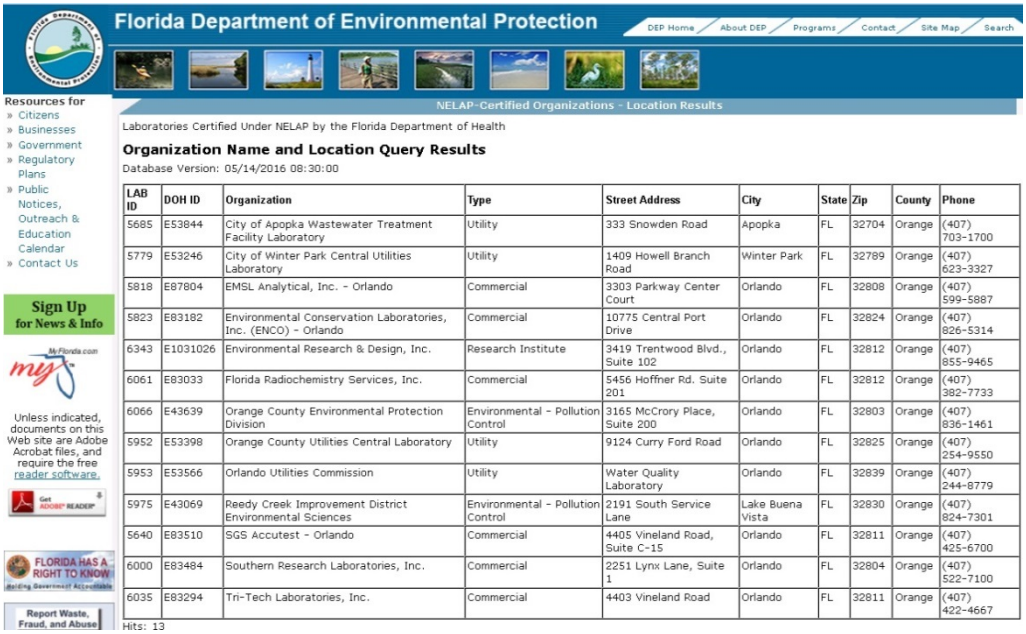
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**Okeechobee Utility Authority Wastewater Treatment Plant**
DOH ID:	**E56970**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 2540 D	Residue-nonfilterable (TSS)	7/25/2005	From: No Certification To: Applied	None NELAP	FL	7/28/2005
Non-Potable Water	SM 2540 D	Residue-nonfilterable (TSS)	8/17/2005	From: Applied To: Accredited	NELAP NELAP	FL FL	8/18/2005
Non-Potable Water	SM 2540 D	Residue-nonfilterable (TSS)	7/1/2014	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/15/2014

Orange County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5685	E53844	City of Apopka Wastewater Treatment Facility Laboratory	Utility	333 Snowden Road	Apopka	FL	32704	Orange	(407) 703-1700
5779	E53246	City of Winter Park Central Utilities Laboratory	Utility	1409 Howell Branch Road	Winter Park	FL	32789	Orange	(407) 623-3327
5818	E87804	EMSL Analytical, Inc. - Orlando	Commercial	3303 Parkway Center Court	Orlando	FL	32808	Orange	(407) 599-5887
5823	E83182	Environmental Conservation Laboratories, Inc. (ENCO) - Orlando	Commercial	10775 Central Port Drive	Orlando	FL	32824	Orange	(407) 826-5314
6343	E1031026	Environmental Research & Design, Inc.	Research Institute	3419 Trentwood Blvd., Suite 102	Orlando	FL	32812	Orange	(407) 855-9465
6061	E83033	Florida Radiochemistry Services, Inc.	Commercial	5456 Hoffner Rd. Suite 201	Orlando	FL	32812	Orange	(407) 382-7733
6066	E43639	Orange County Environmental Protection Division	Environmental - Pollution Control	3165 McCrory Place, Suite 200	Orlando	FL	32803	Orange	(407) 836-1461
5952	E53398	Orange County Utilities Central Laboratory	Utility	9124 Curry Ford Road	Orlando	FL	32825	Orange	(407) 254-9550
5953	E53566	Orlando Utilities Commission	Utility	Water Quality Laboratory	Orlando	FL	32839	Orange	(407) 244-8779
5975	E43069	Reedy Creek Improvement District Environmental Sciences	Environmental - Pollution Control	2191 South Service Lane	Lake Buena Vista	FL	32830	Orange	(407) 824-7301
5640	E83510	SGS Accutest - Orlando	Commercial	4405 Vineland Road, Suite C-15	Orlando	FL	32811	Orange	(407) 425-6700
6000	E83484	Southern Research Laboratories, Inc.	Commercial	2251 Lynx Lane, Suite 1	Orlando	FL	32804	Orange	(407) 522-7100
6035	E83294	Tri-Tech Laboratories, Inc.	Commercial	4403 Vineland Road	Orlando	FL	32811	Orange	(407) 422-4667

Hits: 13

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL DEP - Central District Laboratory
DOH ID:	E33863

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	10/8/2002	From: No Certification To: Applied	None NELAP	FL	10/11/2002
Non-Potable Water	SM 9222 D	Fecal coliforms	8/5/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	10/17/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	6/17/2006	From: Accredited To: Suspended	NELAP NELAP	FL FL	5/17/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	5/31/2006	From: Suspended To: Accredited	NELAP NELAP	FL FL	5/31/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	7/1/2008	From: Accredited To: Inactive	NELAP NELAP	FL FL	8/4/2008

NELAP-Certified Laboratories

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Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Dept. of Health - Bureau of Radiation Control
DOH ID:	E13800

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	EPA 900.0	Gross-alpha	7/1/2012	From: Accredited To: Inactive	STATE STATE	FL	7/16/2012

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Winter Park Estates Laboratory
DOH ID:	E53136

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	7/14/2003	From: Accredited To: Accredited	STATE NELAP	FL	7/28/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	10/31/2007	From: Accredited To: Relinquished	NELAP NELAP	FL FL	12/12/2007
Non-Potable Water	SM 9222 D	Fecal coliforms	10/31/2007	From: Accredited To: Accredited	NELAP NELAP	FL FL	12/12/2007

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Orange County Environmental Protection Division
DOH ID:	E43155

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 608	delta-BHC	2/17/2003	From: Accredited To: Accredited	STATE NELAP	FL	3/3/2003
Non-Potable Water	EPA 608	delta-BHC	12/23/2003	From: Accredited To: Relinquished	NELAP NELAP	FL FL	1/6/2004
Solids	EPA 8081	delta-BHC	2/17/2003	From: Accredited To: Accredited	STATE NELAP	FL	3/3/2003
Solids	EPA 8081	delta-BHC	12/23/2003	From: Accredited To: Relinquished	NELAP NELAP	FL FL	1/6/2004

NELAP-Certified Laboratories

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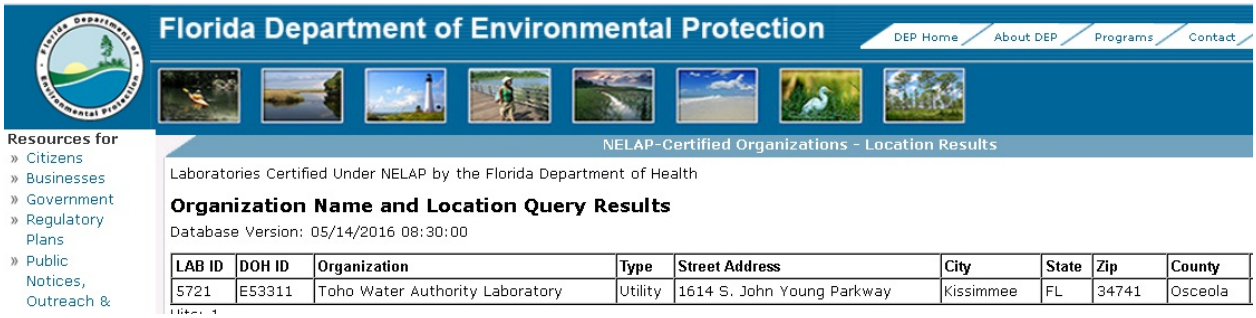
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Winter Garden Wastewater Pollution Control Facility
DOH ID:	E53321

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	5/27/2003	From: Accredited To: Accredited	NELAP NELAP	FL FL	6/17/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	6/30/2007	From: Accredited To: Inactive	NELAP NELAP	FL FL	6/29/2007

Osceola County



NELAP-Certified Laboratories

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

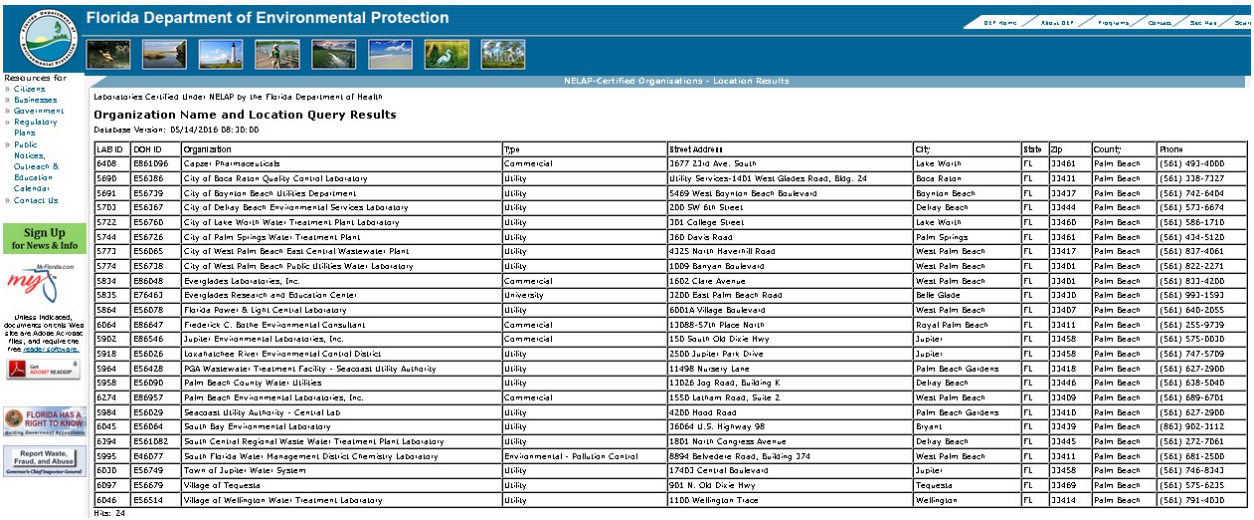
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of St. Cloud Water and Wastewater Facilities**
DOH ID:	**E53421**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	10/21/2002	**From:** Accredited **To:** Relinquished	STATE STATE		10/21/2002

Palm Beach County



Florida Department of Environmental Protection

NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
6408	E86096	Capzer Pharmaceuticals	Commercial	3677 23rd Ave. South	Lake Worth	FL	33461	Palm Beach	(561) 493-4000
5690	E86386	City of Boca Raton Quality Control Laboratory	Utility	Utility Services-1401 West Glades Road, Bldg. 24	Boca Raton	FL	33431	Palm Beach	(561) 338-7327
5691	E86739	City of Boynton Beach Utilities Department	Utility	5469 West Boynton Beach Boulevard	Boynton Beach	FL	33437	Palm Beach	(561) 742-6404
5703	E86367	City of Delray Beach Environmental Services Laboratory	Utility	200 SW 6th Street	Delray Beach	FL	33444	Palm Beach	(561) 573-6674
5722	E86760	City of Lake Worth Water Treatment Plant Laboratory	Utility	301 College Street	Lake Worth	FL	33460	Palm Beach	(561) 586-1710
5744	E86726	City of Palm Springs Water Treatment Plant	Utility	360 Davis Road	Palm Springs	FL	33461	Palm Beach	(561) 434-5120
5771	E86065	City of West Palm Beach East Central Wastewater Plant	Utility	4325 North Haverhill Road	West Palm Beach	FL	33417	Palm Beach	(561) 837-4061
5774	E86738	City of West Palm Beach Public Utilities Water Laboratory	Utility	1009 Banyan Boulevard	West Palm Beach	FL	33401	Palm Beach	(561) 822-2271
5834	E86048	Everglades Laboratories, Inc.	Commercial	1602 Clare Avenue	West Palm Beach	FL	33401	Palm Beach	(561) 833-4200
5835	E76461	Everglades Research and Education Center	University	3200 East Palm Beach Road	Belle Glade	FL	33430	Palm Beach	(561) 993-1593
5864	E86078	Florida Power & Light Central Laboratory	Utility	6001A Village Boulevard	West Palm Beach	FL	33407	Palm Beach	(561) 640-2055
6064	E86647	Frederick C. Bathe Environmental Consultant	Commercial	13088-57th Place North	Royal Palm Beach	FL	33411	Palm Beach	(561) 255-9739
5902	E86546	Jupiter Environmental Laboratories, Inc.	Commercial	150 South Old Dixie Hwy	Jupiter	FL	33458	Palm Beach	(561) 575-0010
5918	E86026	Loxahatchee River Environmental Control District	Utility	2500 Jupiter Park Drive	Jupiter	FL	33458	Palm Beach	(561) 747-5709
5964	E86428	PGA Wastewater Treatment Facility - Seacoast Utility Authority	Utility	11498 Nursery Lane	Palm Beach Gardens	FL	33418	Palm Beach	(561) 627-2900
5958	E86090	Palm Beach County Water Utilities	Utility	13026 Jog Road, Building K	Delray Beach	FL	33446	Palm Beach	(561) 638-5040
6274	E86957	Palm Beach Environmental Laboratories, Inc.	Commercial	1550 Latham Road, Suite 2	West Palm Beach	FL	33409	Palm Beach	(561) 689-6701
5984	E86029	Seacoast Utility Authority - Central Lab	Utility	4200 Hood Road	Palm Beach Gardens	FL	33410	Palm Beach	(561) 627-2900
6045	E86066	South Bay Environmental Laboratory	Utility	36064 U.S. Highway 98	Bryant	FL	33439	Palm Beach	(863) 902-3112
6394	E861082	South Central Regional Waste Water Treatment Plant Laboratory	Utility	1801 North Congress Avenue	Delray Beach	FL	33445	Palm Beach	(561) 272-7061
5995	E86077	South Florida Water Management District Chemistry Laboratory	Environmental - Pollution Control	8894 Belvedere Road, Building 374	West Palm Beach	FL	33411	Palm Beach	(561) 681-2500
6010	E86749	Town of Jupiter Water System	Utility	17403 Central Boulevard	Jupiter	FL	33458	Palm Beach	(561) 746-8343
6097	E86679	Village of Tequesta	Utility	901 N. Old Dixie Hwy	Tequesta	FL	33469	Palm Beach	(561) 575-6235
6046	E86514	Village of Wellington Water Treatment Laboratory	Utility	1100 Wellington Trace	Wellington	FL	33414	Palm Beach	(561) 791-4030

Hits: 24

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**FL Department of Health - West Palm Beach Branch Laboratory**
DOH ID:	**E16122**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	5/10/2002	From: Accredited To: Accredited	STATE NELAP	FL	2/27/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	3/11/2005	From: Accredited To: Suspended	NELAP NELAP	FL FL	3/11/2005
Non-Potable Water	SM 9222 D	Fecal coliforms	4/6/2005	From: Suspended To: Accredited	NELAP NELAP	FL FL	4/7/2005
Non-Potable Water	SM 9222 D	Fecal coliforms	9/29/2011	From: Accredited To: Inactive	NELAP NELAP	FL FL	9/29/2011
Non-Potable Water	SM 9222 D	Fecal coliforms	9/29/2011	From: Inactive To: Inactive	NELAP NELAP	FL FL	9/29/2011

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Royal Palm Beach Utilities Dept. Wastewater Treatment Plant Laboratory**
DOH ID:	**E56264**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Total coliforms ~and~ E. coli	4/28/2006	From: Accredited To: Relinquished	NELAP NELAP	FL FL	5/1/2006

NELAP-Certified Laboratories

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

Transaction History Query Results

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

Organization:	**City of Belle Glade Wastewater Treatment Plant**
DOH ID:	**E56034**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 350.2	Ammonia as N	7/24/2001	From: Accredited To: Accredited	STATE NELAP	FL	2/18/2003
Non-Potable Water	EPA 350.2	Ammonia as N	4/5/2003	From: Accredited To: Relinquished	NELAP NELAP	FL FL	4/4/2003

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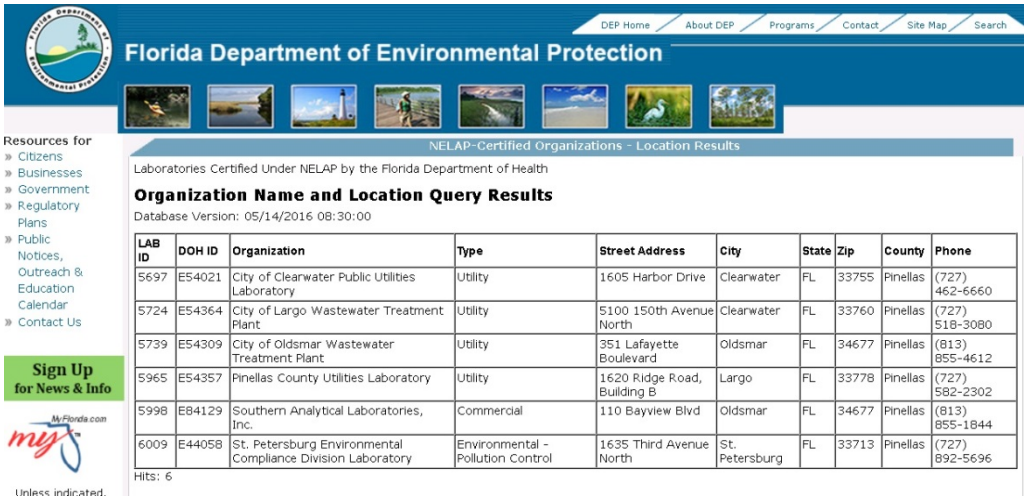
Last updated: April 23, 2015

Pinellas County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
5697	E54021	City of Clearwater Public Utilities Laboratory	Utility	1605 Harbor Drive	Clearwater	FL	33755	Pinellas	(727) 462-6660
5724	E54364	City of Largo Wastewater Treatment Plant	Utility	5100 150th Avenue North	Clearwater	FL	33760	Pinellas	(727) 518-3080
5739	E54309	City of Oldsmar Wastewater Treatment Plant	Utility	351 Lafayette Boulevard	Oldsmar	FL	34677	Pinellas	(813) 855-4612
5965	E54357	Pinellas County Utilities Laboratory	Utility	1620 Ridge Road, Building B	Largo	FL	33778	Pinellas	(727) 582-2302
5998	E84129	Southern Analytical Laboratories, Inc.	Commercial	110 Bayview Blvd	Oldsmar	FL	34677	Pinellas	(813) 855-1844
6009	E44058	St. Petersburg Environmental Compliance Division Laboratory	Environmental - Pollution Control	1635 Third Avenue North	St. Petersburg	FL	33713	Pinellas	(727) 892-5696

Hits: 6

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Dept. of Health - Pinellas County Health Department
DOH ID:	E24709

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	5/16/2002	From: No Certification To: Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	6/30/2010	From: Inactive To: Inactive	NELAP NELAP	FL FL	7/7/2010
Drinking Water	SM 9223 B	Escherichia coli	6/30/2010	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/7/2010

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Tarpon Springs Wastewater Treatment Plant
DOH ID:	E54369

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	6/30/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	6/30/2005

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:	City of Dunedin Wastewater Treatment Plant
DOH ID:	E54508

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	10/31/2006	From: Accredited To: Relinquished	NELAP NELAP	FL FL	11/7/2006
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	2/6/2008	From: Relinquished To: Applied	NELAP NELAP	FL FL	3/20/2008
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	6/13/2008	From: Applied To: Accredited	NELAP NELAP	FL FL	6/27/2008
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	10/1/2010	From: Accredited To: Relinquished	NELAP NELAP	FL FL	10/5/2010

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Last updated: April 23, 2015

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of St. Petersburg - Cosme Water Treatment Plant Laboratory
DOH ID:	E54743

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9222 B	Total coliforms	7/3/2002	From: Accredited To: Accredited	STATE NELAP	FL	12/22/2004
Drinking Water	SM 9222 B	Total coliforms	6/30/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	6/30/2005

Transaction History Query Results

Database Version: 05/21/2016 08:30:00

Organization:	University of South Florida
DOH ID:	E74916

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	EPA 1623	Cryptosporidium	10/7/2003	From: Applied To: DATA ERROR	NELAP NELAP	FL FL	10/7/2003
Drinking Water	EPA 1623	Cryptosporidium	10/7/2003	From: No Certification To: Applied	None NELAP	FL	10/7/2003
Drinking Water	EPA 1623	Cryptosporidium	10/7/2003	From: DATA ERROR To: Applied	NELAP NELAP	FL FL	10/7/2003
Drinking Water	EPA 1623	Cryptosporidium	5/10/2004	From: Accredited To: Accredited	NELAP NELAP	FL FL	6/3/2004
Drinking Water	EPA 1623	Cryptosporidium	5/24/2004	From: Applied To: Accredited	NELAP NELAP	FL FL	6/3/2004
Drinking Water	EPA 1623	Cryptosporidium	7/1/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	6/30/2005
Non-Potable Water	EPA 1623	Cryptosporidium	11/1/2004	From: No Certification To: Applied	None NELAP	FL	11/12/2004
Non-Potable Water	EPA 1623	Cryptosporidium	11/8/2004	From: Applied To: Accredited	NELAP NELAP	FL FL	2/16/2005
Non-Potable Water	EPA 1623	Cryptosporidium	11/8/2004	From: Applied To: Accredited	NELAP NELAP	FL FL	3/4/2005
Non-Potable Water	EPA 1623	Cryptosporidium	2/16/2005	From: Accredited To: Applied	NELAP NELAP	FL FL	2/16/2005
Non-Potable Water	EPA 1623	Cryptosporidium	6/30/2005	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/25/2006
Non-Potable Water	EPA 1623	Cryptosporidium	7/1/2005	From: Inactive To: Inactive	NELAP NELAP	FL FL	7/25/2006

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:	City of Clearwater - Marshall Street Water Pollution Control Laboratory
DOH ID:	E54020

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 2320 B	Alkalinity as CaCO3	7/1/2003	From: Accredited To: Inactive	STATE STATE		7/24/2003

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Polk County

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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
6027	E54728	City of Lakeland -Thomas B. Williams Water Treatment Plant	Utility	1501 Kendrick Lane	Lakeland	FL	33805	Polk	(863) 834-6717
6308	E54991	City of Lakeland Mcintosh Main Lab	Utility	3400 E. Lake Parker Dr.	Lakeland	FL	33805	Polk	(863) 834-5605
5723	E54180	City of Lakeland Wastewater Treatment Plant - Glendale	Utility	1825 Glendale Street	Lakeland	FL	33803	Polk	(863) 834-8277
5954	E84098	FTS Analytical Services	Commercial	5675 New Tampa Hwy	Lakeland	FL	33815	Polk	(863) 646-8526
6197	E84880	Florida-Spectrum Environmental Services Inc.-Lakeland Laboratory	Commercial	1910 Harden Boulevard	Lakeland	FL	33803	Polk	(863) 686-4271
5963	E84088	Florida-Spectrum Environmental Services, Inc - Pembroke Laboratory	Commercial	528 Gooch Road	Ft. Meade	FL	33841	Polk	(863) 285-8145
5934	E84567	Mid Florida Water Lab	Commercial	8 Oakwood Road	Winter Haven	FL	33880	Polk	(863) 965-2540
6242	E84925	Phoslab Environmental Services, Inc.	Commercial	806 W. Beacon Road	Lakeland	FL	33803	Polk	(863) 682-5897
5968	E44082	Polk County Natural Resources Division	Environmental - Pollution Control	4189 Ben Durrance Road	Bartow	FL	33830	Polk	(863) 534-7370

Hits: 9

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Dept. of Health - Polk County Health Department
DOH ID:	E24710

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9221 E	Fecal coliforms	9/18/2003	From: Accredited To: Relinquished	NELAP NELAP	FL FL	9/23/2003
Non-Potable Water	SM 9221 E	Fecal coliforms	3/21/2007	From: No Certification To: Applied	None NELAP	FL	3/23/2007
Non-Potable Water	SM 9221 E	Fecal coliforms	7/5/2007	From: Applied To: Accredited	NELAP NELAP	FL FL	9/8/2007
Non-Potable Water	SM 9221 E	Fecal coliforms	1/31/2016	From: Accredited To: Inactive	NELAP NELAP	FL FL	2/1/2016

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:	City of Haines City Wastewater Treatment Plant
DOH ID:	E54373

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	5/10/2002	From: Accredited To: Accredited	STATE NELAP	FL	2/28/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	2/1/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	2/2/2005

NELAP-Certified Laboratories

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

FL DACS Central Dairy Laboratory

Transaction History Query Results

There are no transaction entries for this FOA.
Please note that the AAMS Database was created in March 2002.
No transaction history entries exist prior to this date.
If you have further questions regarding this FOA
please contact the DOH Lab Certification Program (904-791-1599).

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Dept. of Health - Sarasota County Health Department
DOH ID:	E24711

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	11/25/2002	From: No Certification To: Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	7/1/2009	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/10/2009

NELAP-Certified Laboratories

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

Transaction History Query Results

There are no transaction entries for this FOA.
Please note that the AAMS Database was created in March 2002.
No transaction history entries exist prior to this date.
If you have further questions regarding this FOA
please contact the DOH Lab Certification Program (904-791-1599).

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City of Ft. Meade

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NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Winter Haven Wastewater Treatment Plant #3
DOH ID:	E54066

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	9/4/2002	From: Accredited To: Accredited	STATE NELAP	FL	8/20/2004
Non-Potable Water	SM 9222 D	Fecal coliforms	11/14/2006	From: Accredited To: Relinquished	NELAP NELAP	FL FL	4/18/2007

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Winter Haven Wastewater Treatment Plant #2 - Lake Conine
DOH ID:	E54305

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	4/29/2004	From: Accredited To: Relinquished	NELAP NELAP	FL FL	5/27/2004

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:	City of Auburndale Wastewater Laboratory
DOH ID:	E54266

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	7/1/2003	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/24/2003

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Putnam County

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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
6326	E821009	Certified Labs of Florida	Commercial	141 Richardson Lane	Melrose	FL	32666	Putnam
6008	E42206	St. Johns River Water Management District	Environmental - Pollution Control	4049 Reid Street	Palatka	FL	32177	Putnam

Hits: 2

NELAP-Certified Laboratories

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

Transaction History Query Results

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

Organization:	**Dept. of Health - Putnam County Environmental Health Department**
DOH ID:	**E22779**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Total coliforms ~and~ E. coli	12/6/2002	From: Accredited To: Accredited	STATE NELAP	FL	12/30/2002
Drinking Water	SM 9223 B	Total coliforms ~and~ E. coli	7/30/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	8/10/2005

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NELAP-Certified Laboratories

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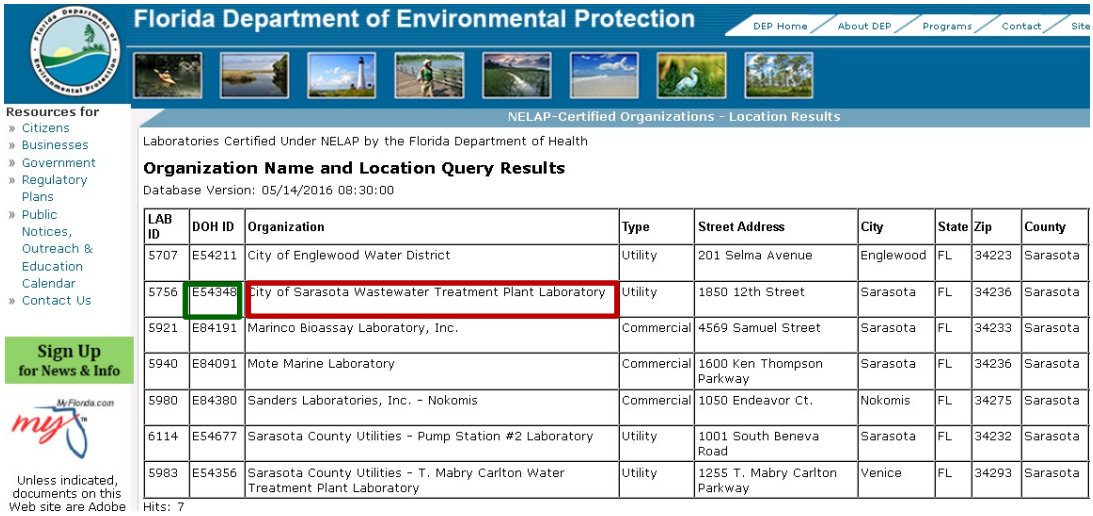
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Palatka Wastewater Treatment Plant**
DOH ID:	**E52474**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	7/24/2003	From: Accredited To: Accredited	STATE NELAP	FL	12/9/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	6/28/2004	From: Accredited To: Relinquished	NELAP NELAP	FL FL	7/7/2004

Sarasota County



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NELAP-Certified Organizations - Location Results

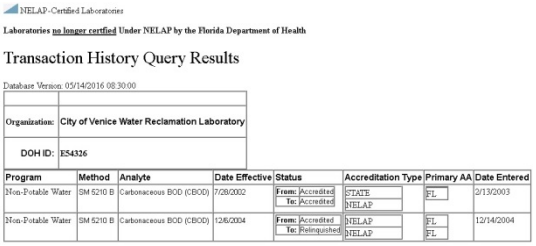
Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5707	E54211	City of Englewood Water District	Utility	201 Selma Avenue	Englewood	FL	34223	Sarasota
5756	E54348	City of Sarasota Wastewater Treatment Plant Laboratory	Utility	1850 12th Street	Sarasota	FL	34236	Sarasota
5921	E84191	Marinco Bioassay Laboratory, Inc.	Commercial	4569 Samuel Street	Sarasota	FL	34233	Sarasota
5940	E84091	Mote Marine Laboratory	Commercial	1600 Ken Thompson Parkway	Sarasota	FL	34236	Sarasota
5980	E84380	Sanders Laboratories, Inc. - Nokomis	Commercial	1050 Endeavor Ct.	Nokomis	FL	34275	Sarasota
6114	E54677	Sarasota County Utilities - Pump Station #2 Laboratory	Utility	1001 South Beneva Road	Sarasota	FL	34232	Sarasota
5983	E54356	Sarasota County Utilities - T. Mabry Carlton Water Treatment Plant Laboratory	Utility	1255 T. Mabry Carlton Parkway	Venice	FL	34293	Sarasota

Hits: 7



NELAP-Certified Laboratories

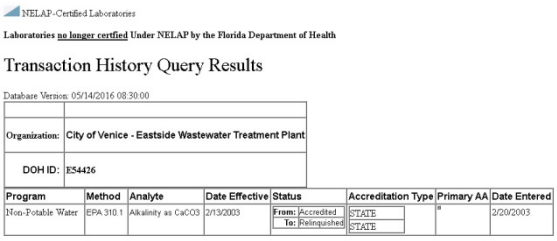
Laboratories no longer certfied Under NELAP by the Florida Department of Health

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Venice Water Reclamation Laboratory
DOH ID:	E54326

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	7/28/2002	From: Accredited To: Accredited	STATE NELAP	FL	2/13/2003
Non-Potable Water	SM 5210 B	Carbonaceous BOD (CBOD)	12/6/2004	From: Accredited To: Relinquished	NELAP NELAP	FL FL	12/14/2004



NELAP-Certified Laboratories

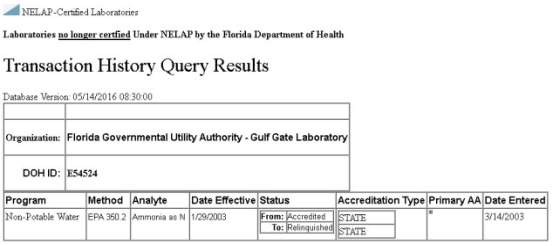
Laboratories no longer certfied Under NELAP by the Florida Department of Health

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Venice - Eastside Wastewater Treatment Plant
DOH ID:	E54426

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 310.1	Alkalinity as CaCO3	2/13/2003	From: Accredited To: Relinquished	STATE STATE	"	2/20/2003



NELAP-Certified Laboratories

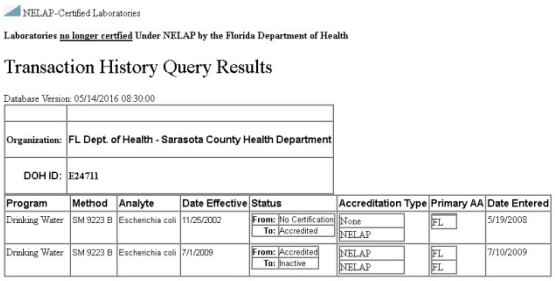
Laboratories no longer certfied Under NELAP by the Florida Department of Health

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Florida Governmental Utility Authority - Gulf Gate Laboratory
DOH ID:	E54524

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 350.2	Ammonia as N	1/29/2003	From: Accredited To: Relinquished	STATE STATE	"	3/14/2003



NELAP-Certified Laboratories

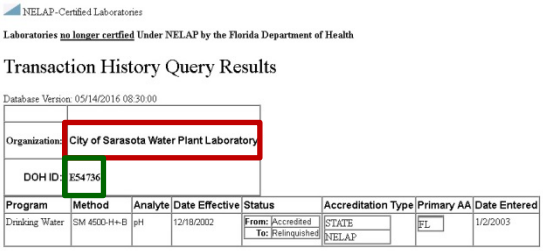
Laboratories no longer certfied Under NELAP by the Florida Department of Health

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Dept. of Health - Sarasota County Health Department
DOH ID:	E24711

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	11/25/2002	From: No Certification To: Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	7/1/2009	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/10/2009



NELAP-Certified Laboratories

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

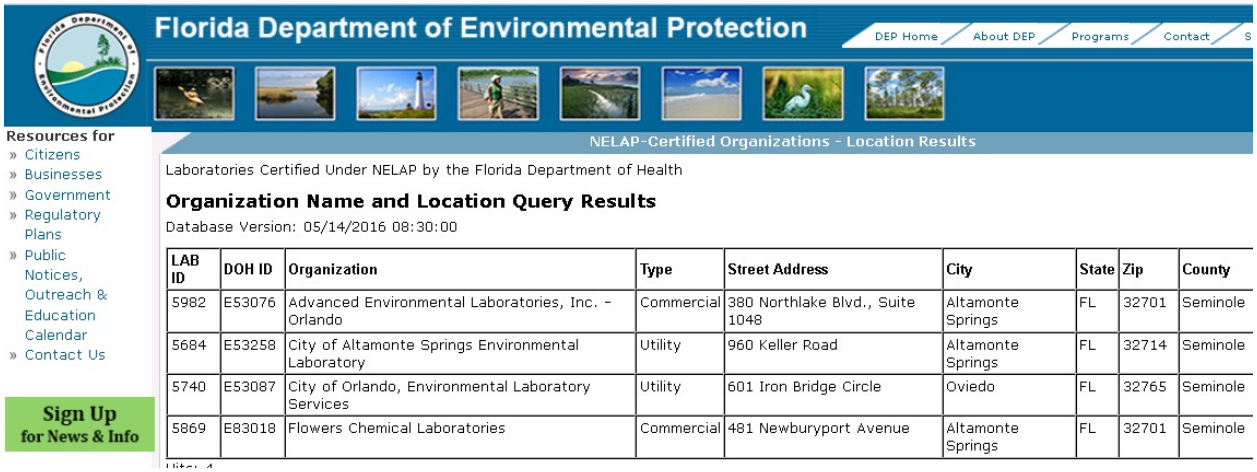
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Sarasota Water Plant Laboratory
DOH ID:	E54736

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 4500-H+-B	pH	12/18/2002	From: Accredited To: Relinquished	STATE NELAP	FL	1/2/2003

Seminole County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5982	E53076	Advanced Environmental Laboratories, Inc. - Orlando	Commercial	380 Northlake Blvd., Suite 1048	Altamonte Springs	FL	32701	Seminole
5684	E53258	City of Altamonte Springs Environmental Laboratory	Utility	960 Keller Road	Altamonte Springs	FL	32714	Seminole
5740	E53087	City of Orlando, Environmental Laboratory Services	Utility	601 Iron Bridge Circle	Oviedo	FL	32765	Seminole
5869	E83018	Flowers Chemical Laboratories	Commercial	481 Newburyport Avenue	Altamonte Springs	FL	32701	Seminole

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Dept. of Health - Sarasota County Health Department
DOH ID:	E24711

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	11/25/2002	From: No Certification To: Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	7/1/2009	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/10/2009

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Sanford Water Reclamation Facility Laboratory
DOH ID:	E53372

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 4500-NH3 E (18th Ed.)/TITR	Ammonia as N	6/14/2004	From: Accredited To: Relinquished	STATE NELAP	FL	6/30/2004

NELAP-Certified Laboratories

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

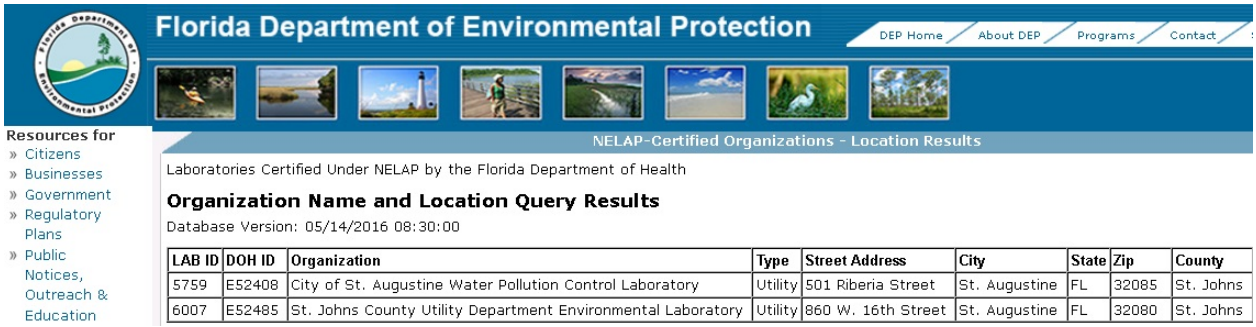
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Winter Springs Wastewater Reclamation Facility
DOH ID:	E53416

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	8/19/2002	From: Accredited To: Accredited	STATE NELAP	FL	11/1/2002
Non-Potable Water	SM 9222 D	Fecal coliforms	1/5/2015	From: Accredited To: Relinquished	NELAP NELAP	FL FL	1/5/2015

St. John's County



LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5759	E52408	City of St. Augustine Water Pollution Control Laboratory	Utility	501 Riberia Street	St. Augustine	FL	32085	St. Johns
6007	E52485	St. Johns County Utility Department Environmental Laboratory	Utility	860 W. 16th Street	St. Augustine	FL	32080	St. Johns

NELAP-Certified Laboratories

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

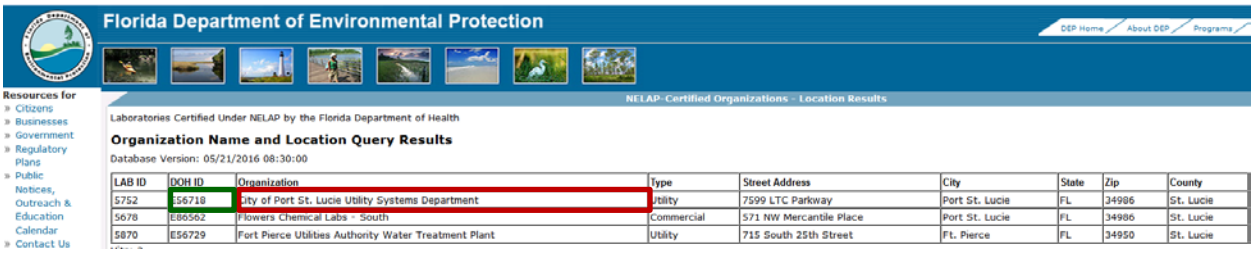
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**FL Dept. of Health - St. Johns County Health Department - Environmental Eng.**
DOH ID:	**E22770**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	5/16/2002	**From:** No Certification **To:** Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	7/1/2011	**From:** Inactive **To:** Inactive	NELAP NELAP	FL FL	7/12/2011
Drinking Water	SM 9223 B	Escherichia coli	7/1/2011	**From:** Accredited **To:** Inactive	NELAP NELAP	FL FL	7/12/2011

St. Lucie County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/21/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5752	E56718	City of Port St. Lucie Utility Systems Department	Utility	7599 LTC Parkway	Port St. Lucie	FL	34986	St. Lucie
5678	E86562	Flowers Chemical Labs - South	Commercial	571 NW Mercantile Place	Port St. Lucie	FL	34986	St. Lucie
5870	E56729	Fort Pierce Utilities Authority Water Treatment Plant	Utility	715 South 25th Street	Ft. Pierce	FL	34950	St. Lucie

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL Dept. of Health - St. Lucie County Health Department
DOH ID:	E26789

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	3/11/2003	From: Applied To: Accredited	STATE STATE	*	3/28/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	8/21/2003	From: Accredited To: Accredited	STATE NELAP	FL	10/8/2004
Non-Potable Water	SM 9222 D	Fecal coliforms	5/15/2007	From: Accredited To: Relinquished	NELAP NELAP	FL FL	5/30/2007

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	University of Florida Soil and Water Science Laboratory
DOH ID:	E76888

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 300.0	Orthophosphate as P	9/26/2002	From: No Certification To: Applied	None NELAP	FL	12/17/2002
Non-Potable Water	EPA 300.0	Orthophosphate as P	6/4/2003	From: Applied To: Accredited	NELAP NELAP	FL FL	7/28/2003
Non-Potable Water	EPA 300.0	Orthophosphate as P	12/18/2012	From: Accredited To: Relinquished	NELAP NELAP	FL FL	12/18/2012

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	UF-IFAS Wetland Biogeochemistry Laboratory
DOH ID:	E72949

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	EPA 350.1	Ammonia as N	12/20/2004	From: Applied To: Applied	NELAP NELAP	FL FL	1/6/2005
Non-Potable Water	EPA 350.1	Ammonia as N	1/20/2005	From: No Certification To: Applied	None NELAP	FL	1/6/2005
Non-Potable Water	EPA 350.1	Ammonia as N	10/12/2005	From: Applied To: Accredited	NELAP NELAP	FL FL	10/16/2005
Non-Potable Water	EPA 350.1	Ammonia as N	7/1/2007	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/19/2007
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	4/25/2008	From: No Certification To: Applied	None NELAP	FL	5/1/2008
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	8/6/2008	From: Applied To: Accredited	NELAP NELAP	FL FL	9/16/2008
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	3/3/2015	From: Accredited To: Suspended	NELAP NELAP	FL FL	3/3/2015
Non-Potable Water	SM 4500-NH3 G	Ammonia as N	7/1/2015	From: Suspended To: Inactive	NELAP NELAP	FL FL	7/1/2015
Solids	EPA 350.1	Ammonia as N	12/20/2004	From: No Certification To: Applied	None NELAP	FL	1/6/2005
Solids	EPA 350.1	Ammonia as N	8/25/2005	From: Applied To: Withdrawn	NELAP NELAP	FL FL	8/27/2005

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	FL DEP - SE District Lab
DOH ID:	E36885

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	9/19/2002	From: No Certification To: Applied	None NELAP	FL	12/16/2002
Non-Potable Water	SM 9222 D	Fecal coliforms	4/22/2003	From: Applied To: Withdrawn	NELAP NELAP	FL FL	4/23/2003
Non-Potable Water	SM 9222 D	Fecal coliforms	3/15/2006	From: Accredited To: Applied	NELAP NELAP	FL FL	6/15/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	3/15/2006	From: Withdrawn To: Applied	NELAP NELAP	FL FL	3/17/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	6/6/2006	From: Applied To: Accredited	NELAP NELAP	FL FL	6/15/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	6/6/2006	From: Applied To: Accredited	NELAP NELAP	FL FL	11/4/2006
Non-Potable Water	SM 9222 D	Fecal coliforms	7/1/2007	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/19/2007

NELAP-Certified Laboratories

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

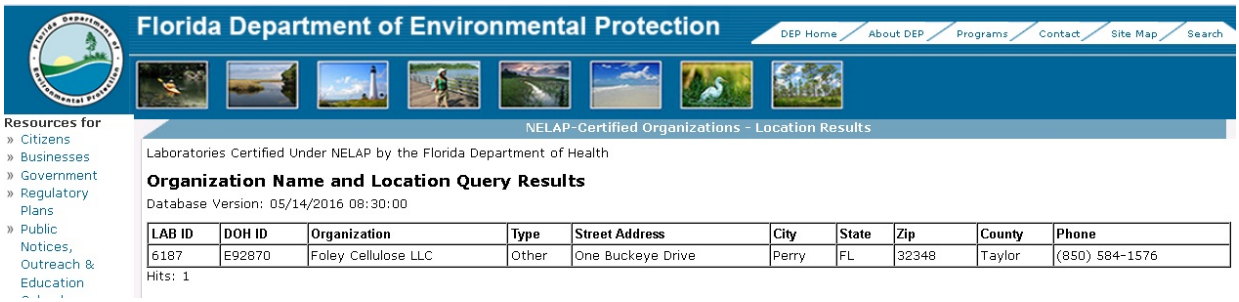
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Port St. Lucie Utility Systems Department Laboratory
DOH ID:	E56489

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	3/4/2005	From: No Certification To: Applied	None NELAP	FL	3/7/2005
Non-Potable Water	SM 9222 D	Fecal coliforms	5/13/2005	From: Applied To: Withdrawn	NELAP NELAP	FL FL	5/13/2005

Taylor County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County	Phone
6187	E92870	Foley Cellulose LLC	Other	One Buckeye Drive	Perry	FL	32348	Taylor	(850) 584-1576

Hits: 1

NELAP-Certified Laboratories

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

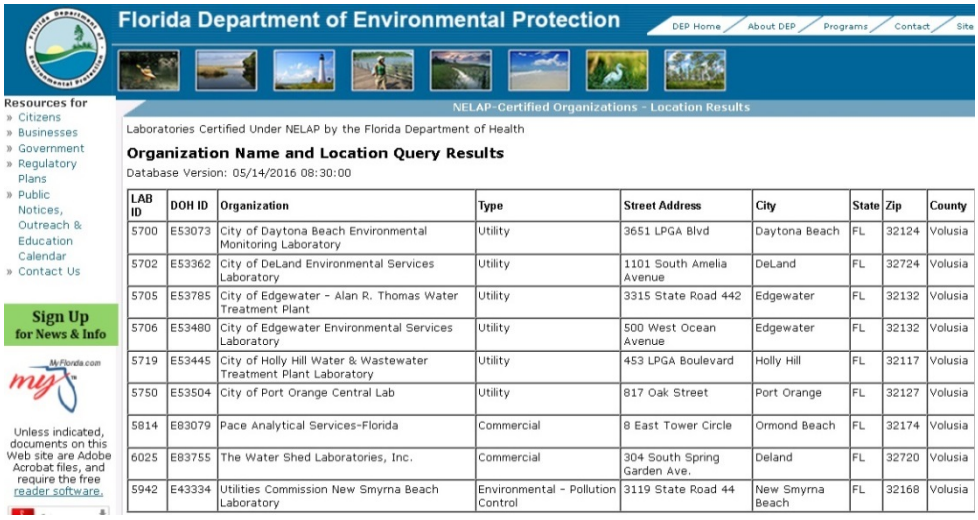
Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	**City of Perry Wastewater Treatment Plant**
DOH ID:	**E52400**

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 9222 D	Fecal coliforms	9/18/2002	**From:** Accredited **To:** Relinquished	NELAP NELAP	FL FL	9/20/2002

Volusia County



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NELAP-Certified Organizations - Location Results

Laboratories Certified Under NELAP by the Florida Department of Health

Organization Name and Location Query Results

Database Version: 05/14/2016 08:30:00

LAB ID	DOH ID	Organization	Type	Street Address	City	State	Zip	County
5700	E53073	City of Daytona Beach Environmental Monitoring Laboratory	Utility	3651 LPGA Blvd	Daytona Beach	FL	32124	Volusia
5702	E53362	City of DeLand Environmental Services Laboratory	Utility	1101 South Amelia Avenue	DeLand	FL	32724	Volusia
5705	E53785	City of Edgewater - Alan R. Thomas Water Treatment Plant	Utility	3315 State Road 442	Edgewater	FL	32132	Volusia
5706	E53480	City of Edgewater Environmental Services Laboratory	Utility	500 West Ocean Avenue	Edgewater	FL	32132	Volusia
5719	E53445	City of Holly Hill Water & Wastewater Treatment Plant Laboratory	Utility	453 LPGA Boulevard	Holly Hill	FL	32117	Volusia
5750	E53504	City of Port Orange Central Lab	Utility	817 Oak Street	Port Orange	FL	32127	Volusia
5814	E83079	Pace Analytical Services-Florida	Commercial	8 East Tower Circle	Ormond Beach	FL	32174	Volusia
6025	E83755	The Water Shed Laboratories, Inc.	Commercial	304 South Spring Garden Ave.	Deland	FL	32720	Volusia
5942	E43334	Utilities Commission New Smyrna Beach Laboratory	Environmental - Pollution Control	3119 State Road 44	New Smyrna Beach	FL	32168	Volusia

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Volusia County Environmental Health Laboratory
DOH ID:	E23111

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	1/24/2001	From: No Certification To: Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	4/17/2014	From: Accredited To: Inactive	NELAP NELAP	FL FL	4/29/2014

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of New Smyrna Beach Water Treatment Plant Laboratory
DOH ID:	E53732

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Total coliforms ~and~ E. coli	3/28/2006	From: Accredited To: Relinquished	NELAP NELAP	FL FL	4/15/2006

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	Port Orange Utility - Garnsey Water Treatment Plant Laboratory
DOH ID:	E53758

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Drinking Water	SM 9223 B	Escherichia coli	1/20/2002	From: No Certification To: Accredited	None NELAP	FL	5/19/2008
Drinking Water	SM 9223 B	Escherichia coli	7/1/2009	From: Accredited To: Inactive	NELAP NELAP	FL FL	7/10/2009

NELAP-Certified Laboratories

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

Transaction History Query Results

Database Version: 05/14/2016 08:30:00

Organization:	City of Ormond Beach Public Utilities
DOH ID:	E53343

Program	Method	Analyte	Date Effective	Status	Accreditation Type	Primary AA	Date Entered
Non-Potable Water	SM 4500-P E	Orthophosphate as P	6/30/2005	From: Accredited To: Relinquished	NELAP NELAP	FL FL	6/30/2005

Close

1. Review Action Items

PROPOSED ELTAC CALENDAR

Key

Proposed Meeting Dates	
Event	
Lab Accreditation Standard	
FOT Worksheets	
Fee Structure	
Communications Update	
Enforcement Briefing	
Other	

JULY

S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	**27**	28	29	30
31						

27 ELTAC Meeting
Lab Accreditation Standard
FOT Worksheets
Fee Structure

AUGUST

S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	**10**	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

10 ELAP Session at TNI Conference

MARCH

S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	**23**	24	25	26
27	28	29	30	31		

23 ELTAC Meeting
Lab Accreditation Standard
FOT Worksheets

SEPTEMBER

S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	**21**	22	23	24
25	26	27	28	29	30	

21 Tentative ELTAC Meeting
Lab Accreditation Standard
Fee Structure

APRIL

S	M	T	W	Th	F	S
					1	2
3	4	**5**	6	**7**	8	9
10	11	12	13	14	15	16
17	18	**19**	20	21	22	23
24	25	26	27	28	29	30

5 TNI Workshop – Nor. Cal
7 TNI Workshop – So. Cal
19 SWRCB Board Meeting on Training Contract Funds

OCTOBER

S	M	T	W	Th	F	S
						1
2	3	4	**5**	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

5 Board Meeting – ELTAC Briefing
24-27 CANV AWWA meeting

MAY

S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	**11**	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	**27**	28
29	30	31				

11 ELTAC Meeting
Lab Accreditation Standard
FOT Worksheets
Fee Structure

NOVEMBER

S	M	T	W	Th	F	S
		1	**2**	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

2 Tentative ELTAC Meeting
Fee Structure

JUNE

S	M	T	W	Th	F	S
			1	2	3	4
5	6	**7**	8	9	10	11
12	13	14	**15**	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

7 ERP Quarterly Progress Webinar
15 ELTAC Meeting
Lab Accreditation Standard
FOT Worksheets
Fee Structure
Other: Checklists

DECEMBER

S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31