

November 18, 2011

City Clerk
City of Key West
525 Angela Street
Key West, Florida 33040

Reference: INVITATION TO BID
ITB PROJECT #: 12-006
WATER TESTING AT KEY WEST BIGHT,
KEY WEST BIGHT FERRY TERMINAL,
AND CITY MARINA AT GARRISON BIGHT

Dear Sir or Madame:

On behalf of Flowers Chemical Laboratories Incorporated (FCL), I am pleased to provide our response to the above referenced ITB. Established in 1957, FCL has been serving the analytical and environmental needs of our clients from the same location since 1970. Additionally, we now have regional laboratories located in Port St. Lucie, Madison and Marathon, Florida. FCL has continued to build on a reputation of scientific excellence and prudent business relations with an established record of performance, integrity and business ethics. The company remains "debt free" and retains the financial stability adequate to assure continued client service and provide any required laboratory capacity. FCL has the financial resources, organizational experience, technical skill, equipment and facilities to effectively meet the sampling schedules, analytical qualifications and reporting requirements outlined in the city's ITB.

Enclosed, please find one (1) original, one (1) copy and two (2) CD copies of the required bid documents, as well as the required 5% bid security. A copy of FCL's Quality Management Plan (QMP) can be provided upon request.

FCL has reviewed the ITB documents and is capable of meeting the deliverables specified. FCL's Project Management and Staff are knowledgeable of the city's needs and understand the importance of being proactive for the client. In addition to providing hard copy reports, FCL has developed a computer data system, which will allow the city direct access to its lab results. The website at www.flowerslabs.com will display the reports in a pdf or html format. These reports can be loaded into diskettes, electronic files, or printed reports as needed by the city. As an added feature, FCL can send electronic e-mails to notify the city when results are ready.

Our regional facility located in Marathon, Florida will perform the required Total and fecal coliform analysis. This facility operates Monday through Friday and is available as needed on weekends and holidays. The location of our Marathon facility makes FCL the ideal choice for timely delivery of the bacteriological samples.

For safety purposes, Flowers Chemical Laboratories Incorporated will use a two to three (2-3) man field crew to complete each sampling event. Once the bacteriological samples are collected, the samples will be delivered to our laboratory in Marathon, Florida for analysis. FCL will not subcontract any of the required analysis to an outside laboratory.

City of Key West
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In addition to providing this type of service to the City of Key West, FCL has performed similar work for the following clients:

City of Stuart 121 W. Flagler Avenue Contact: Albee Scoggins	Anchorage Project Stuart, FL 34994 Cell: (772) 260-9647 Parks & Recreation (772) 288-5300	Semi-annual
Flagler County Utilities P.O. Box 785 Contact: Steve Green	Beverly Beach WWTF Intracoastal Sampling Bunnell, FL 32110 Cell: (904) 334-0755 Utilities Department (386) 569-9573	Semi-annual
CPH Engineering, Inc. 500 West Fulton Street Contact: Jeff Riene	Bulkhead, Seawall, Revetment Riprap Sanford, FL 32771 Cell: (407) 687-2827 Telephone (407) 322-6841	Initial Study

Recently, FCL provided analytical services to Turrell, Hall and Associates, Inc. of Naples, Florida for the Sunset Marina in Key West.

Financial stability, industry involvement, legally defensible data and qualified staff have been a winning combination for Flowers Chemical Laboratories Inc. After more than (54) fifty-four years, FCL remains debt free and committed to the success of each client that we serve. In today's volatile market place, you want a company with a proven record and a solid future. While other laboratories have folded or sold out, FCL is still here and continues to expand. We were here yesterday, we are here today and we will be here tomorrow.

Thank you for the opportunity to respond to the city's ITB. The staff at FCL looks forward to a favorable response from the city. Should you need to reach me for any questions concerning this proposal or FCL, I can be reached at (407) 339-5984, ext 219.

Sincerely,



Dr. Jefferson S. Flowers, PhD
President / Technical Director
Flowers Chemical Laboratories Incorporated



**THE CITY OF KEY WEST (CITY)/
CAROLINA STREET BAHAMA VILLAGE COMMUNITY
REDEVELOPMENT AUTHORITY (CRA)**

Post Office Box 6434
Key West, FL 33041-6434

October 23, 2011

To: All Prospective Bidders

Pursuant to the City of Key West's Code of Ordinances Section 2-769: Invitation to Bid (ITB) 12-006, the City of Key West (City)/Carolina Street Corridor and Bahama Village Community Redevelopment Agency (CRA) is soliciting competitive sealed Bids for the WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT; ITB NO: 12-006 This package contains the following documents.

- a. Bidding Requirements
- b. Contract Forms
- c. Conditions
- d. Scope of Work

Please review your package to ensure it contains all of these documents. If not, contact Sue Snider, City of Key West Purchasing Agent at (305) 809-3815, immediately, to obtain copies of any missing document(s). Please contact Mark Tait, Marina Manager (305) 809-3985 with questions concerning the project.

Firms/corporations submitting a Bid should ensure that the following documents are completed, certified, and returned as instructed: Bid Form, Anti-Kickback Affidavit, Public Entity Crimes Certification, Local Vendor Certification and, past project history.

BID DOCUMENTS
FOR
**WATER TESTING AT KEY WEST BIGHT,
KEY WEST BIGHT FERRY TERMINAL,
AND CITY MARINA AT GARRISON
BIGHT**

CONSISTING OF:

BIDDING REQUIREMENTS
CONTRACT FORMS
CONDITIONS
SCOPE OF WORK

ITB PROJECT #:12-006

PREPARED BY:

THE CITY OF KEY WEST
KEY WEST BIGHT
KEY WEST, FLORIDA

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Scope of Work

PART 1

BIDDING REQUIREMENTS

INFORMATION TO BIDDERS

SUBJECT: INVITATION TO BID NO. 12-006: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT

ISSUE DATE:

PRE BID CONFERENCE: N/A

MAIL BIDS TO: CITY CLERK
CITY OF KEY WEST
3126 FLAGLER AVE
KEY WEST, FL 33040

DELIVER BIDS TO: SAME AS ABOVE

BIDS MUST BE RECEIVED: NOVEMBER 23, 2011

NOT LATER THAN: 3:00 P.M. LOCAL TIME

SUE SNIDER
PURCHASING AGENT
CITY OF KEY WEST

ses

Enclosures

INVITATION TO BID

Sealed Bids addressed to the City of Key West (City)/Carolina Street Corridor and Bahama Village Community Redevelopment Agency (CRA), for the Invitation to Bid (ITB) # 12-006: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT will be received at the office of the City Clerk, City of Key West, Florida, until 3:00 p.m., local time, on November 23, 2011 and then will be publicly opened and read. Any Bids received after the time and date specified will not be considered.

The project contemplated consists of providing all equipment, labor, and materials necessary to accomplish the following:

- Sampling and Analyses of water and sediment samples at Key West Bight/Key West Bight Ferry Terminal
- Alternative water/soil sampling events at City Marina at Garrison Bight. City Marina at Garrison Bight is an alternative bid and may not be awarded in the contract.

Drawings and Specifications may be obtained from DemandStar by Onvia or from the City of Key West website (www.keywestcity.com). Please contact DemandStar at www.demandstar.com or call 1-800-711-1712.

Each Bid must be submitted on the prescribed forms and accompanied by Bid security. Bid or BID security shall be by cash, by certified or cashier's check, by a Bid bond or an irrevocable letter of credit made payable to the city and provided by a surety company authorized to do business as a surety in the state in an amount not less than five percent of the amount of the Bid or BID. Performance and Payment Bonds are not required as part of this contract.

One (1) original, one (1) copy, and 2 CD copies or flash drives in PDF format of the Bid are to be submitted in two sealed envelopes, one within the other, clearly marked on the outside "ITB #12-006: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT", and addressed to the City Clerk.

Bidders must hold and furnish documentation of all State of Florida licenses, certifications, registrations or competency cards required in order to Bid and perform the work specified herein.

The successful Bidder will be required to show that he/she is in compliance with the provisions of Chapter 66 of the Code of Ordinances of the City of Key West within 10-days of Notice of Award. The successful Bidder must demonstrate that he/she holds, as a minimum, the following licenses and certificates:

- A. City of Key West License as defined in the Code of Ordinances, Chapter 66, enabling the Contractor to perform the work stated herein.
- B. A valid Certificate of Competency issued by the Chief Building Official of the City of Key West, which shall be valid throughout the contract time.

C. A valid Business Tax Receipt issued by the City of Key West.

All Bid bonds, insurance contracts, and certificates of insurance shall be either executed by or countersigned by a licensed resident agent of the Surety or insurance company having his/her place of business in the State of Florida, and in all ways complying with the insurance laws of the State of Florida. Further, the said Surety or insurance company shall be duly licensed and qualified to do business in the State of Florida.

Before a Contract will be awarded for the work contemplated herein, the Owner will conduct such investigation as is necessary to determine the performance record and ability of the apparent lowest, qualified Bidder to perform the size and type of work specified under this Contract. Upon request, the Bidder shall submit such information as deemed necessary by the Owner to evaluate the Bidder's qualifications.

For information concerning the proposed work, or for appointment to visit the site of the proposed work, contact Mark Tait, Marina Manager at (305) 809-3985 or email at mtait@keywestcity.com.

Prior to award by the City/CRA the successful Bidder must be able to prove that Bidder held State Licenses prior to submittal of Bid as would be required to perform work herein. Within 10-days after issuance of the Notice of Award, the successful Bidder must be able to prove that Bidder holds City Licenses as would be required to perform work herein. Any permit and/or license requirement and subsequent costs are located within the Bid document. The successful Bidder must also be able to satisfy the City Attorney as to such insurance coverage, and legal requirements as may be demanded in Bid. The City/CRA may reject Bids: (1) for budgetary reasons, (2) if the Bidder misstates or conceals a material fact in its Bid, (3) if the Bidder does not strictly conform to the law or is non-responsive to Bid requirements, (4) if the Bid is conditional, (5) if a change of circumstances occurs making the purpose of the Bid unnecessary or (6) if such rejection is in the best interest of the City/CRA. The City/CRA may also waive any minor informalities or irregularities in any Bid.

INSTRUCTIONS TO BIDDERS

1. CONTRACT DOCUMENTS FORMAT

The Contract Documents are divided into parts, divisions, and sections for convenient organization and reference. Generally, there has been no attempt to divide the Specification sections into work performed by the various building trades, work by separate subcontractors, or work required for separate facilities in the project.

The intent of the Documents is to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any work, materials, or equipment that may reasonably be inferred from the Contract Documents, as being required to produce the intended result shall be supplied whether or not specifically called for.

DOCUMENT INTERPRETATION

The separate sections contained within these Contract Documents are intended to be mutually cooperative and to provide all details reasonably required for the execution of the proposed work.

Should there be any doubt as to the meaning or intent of said Contract Documents, the Bidder should request of the Project Manager, in writing, at least ten (10) calendar days prior to the Bid opening, an interpretation thereof. Any interpretation or change in said Contract Documents will be made only in writing, in the form of addenda to the Documents which will be furnished through DemandStar to all registered holders of the Contract Documents. Bidders shall submit with their Bids, or indicate receipt of, all Addenda. The Owner will not be responsible for any other explanation or interpretations of said Documents.

2. DESCRIPTION OF THE PROJECT

The work to be completed for this project can be found in Section 4. The Bidder will be required to complete all work as specified.

3. QUALIFICATION OF CONTRACTORS

Bidders must hold all licenses, certifications, registrations or competency cards required by Florida Statute and local ordinances in order to perform the work specified herein.

4. BIDDER'S UNDERSTANDING

Each Bidder must inform him/herself of the conditions relating to the execution of the work, and it is required that he/she will inspect the site(s) and make himself/herself thoroughly familiar with the Bid Documents. Failure to do so will not relieve the successful Bidder of his/her obligation to enter into a Contract and complete the

contemplated work in strict accordance with the Bid Documents. It shall be the Bidder's obligation to verify for himself and to his complete satisfaction all information concerning site and construction or worksite conditions.

The Owner will make available to prospective Bidders upon request and at the office of the Project Manager, prior to Bid opening, any information that he/she may have as to conditions at the worksites.

Investigations conducted by the Project Manager of any locations were made for the purpose of study and design, and the Project Manager assumes no responsibility whatever in respect to the sufficiency or accuracy of data or other investigations that have been made, or of the interpretations made thereof, and there is no warranty or guaranty, either express or implied, that the conditions indicated by such investigations are representative of those existing throughout such area, or any part thereof, or that unforeseen developments may not occur.

Copies of any existing documents regarding the work sites can be viewed at the City offices of Port Operations, 201 William Street, and any that are made available shall not be considered a part of the Contract Documents, said documents are made available only for the convenience of the Bidders.

Information derived from Drawings showing location of utilities and structures will not in any way relieve the contractor from any risk, or from properly examining the site and making such additional investigations as he/she may elect, or from properly fulfilling all the terms of the Contract Documents.

Each Bidder shall inform him/herself of, and the Bidder awarded a Contract shall comply with, federal, state, and local laws, statutes, and ordinances relative to the execution of the work. This requirement includes, but is not limited to, applicable regulations concerning minimum wage rates, nondiscrimination in the employment of labor, protection of public and employee safety and health, environmental protection, the protection of natural resources, fire protection, burning and non-burning requirements, permits, fees, and similar subjects. Performance and Payment Bonds are not required as part of this contract.

5. TYPE OF BID

A. LUMP SUM

The Bid for the work is to be submitted on a LUMP SUM basis. LUMP SUM prices shall be broken down on a unit price basis for each part of the project in the Bid and a Schedule of Values shall be included with the Bid. The total amount to be paid the Contractor shall be the amount of the Lump Sum Bid as adjusted for additions or deletions in number of units and/or resulting from Owner authorized changes in the project or by actual number of units used in construction. The owner reserves the right to

enter into a contract for all or portions of the project and to adjust the final Lump Sum accordingly.

B. PREPARATION OF BIDS

GENERAL

All blank spaces in the Bid form must be filled in, as required, in BLACK INK or TYPED. All price information will be shown in both words and figures where required. No changes shall be made in the phraseology of the forms. Written amounts shall govern in case of discrepancy between amounts stated in writing and the amounts stated in figures.

Any Bid shall be deemed informal, which contains omissions, erasures, alterations, or additions of any kind, or prices uncalled for, or in which any of the prices are obviously unbalanced, or which in any manner shall fail to conform to the conditions of the published ITB.

Bidders shall not submit unbalanced Bids as requested in the breakdown of Bids.

Only one (1) Bid from any individual, firm, partnership, or corporation under the same or different names, will be considered. Should it appear to the Owner that any Bidder is interested in more than one (1) Bid for work contemplated, all Bids in which such Bidder is interested will be rejected.

SIGNATURE

The Bidder shall sign his/her Bid in the blank space provided therefore. If Bidder is a corporation, the legal name of the corporation shall be set forth above, together with the signature of the officer or officers authorized to sign Contracts on behalf of the corporation. If the Bidder is a partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign Contracts on behalf of the partnership. If signature is by an agent, other than an officer of a corporation or a member of a partnership, a notarized power of attorney must be on file with the Owner prior to opening of Bids or submitted with the Bid, otherwise the Bid will be regarded as not properly authorized.

SPECIAL BIDDING REQUIREMENTS

The Bidder's attention is brought to the hiring practices and licenses and permits of the City of Key West. These are defined in the addition to Article 39, CODES, ORDINANCES, PERMITS, and LICENSES.

ATTACHMENTS

Bidder shall complete and submit the following forms with his Bid or as otherwise identified in the Bid document:

- Bid Form including detail schedule of values,
- Sworn statement under section 287.133(3)(a) Florida Statutes, on public entity crimes,
- Anti-Kickback Affidavit
- Local Vendor Certification
- At least three (3) years of current or recent projects of similar work shall be provided (dates of works and contacts shall be included),
- A description of any previous or existing legal action against the Bidder within the past three (3) years. If none, Bidder shall state this fact in writing.
- New item:** All Bidders shall include with their Bid package their complete Bid on a CD or flash drive in PDF format (two CDs or flash drives are required with the Bid)

Note: if any of the items above or as required in other parts of the document are not included in the Bid, the Bid will be considered nonresponsive and therefore will be rejected unless City Commission directs otherwise.

7. STATE AND LOCAL SALES AND USE TAX

The Owner is exempt from state sales tax on materials incorporated into the work due to the qualification of the work under this Contract, the Contractor, as required by the laws and statutes of the state and its political subdivisions shall pay all state and local sales and use taxes unless stated differently in these documents. Prices quoted in the Bid shall include all nonexempt sales and use taxes, unless provision is made in the Bid form to separately itemize the tax.

8. SUBMISSION OF BIDS

All Bids must be submitted not later than the time prescribed, at the place, and in the manner set forth in the ITB. Bids must be made on the Bid forms provided herewith.

Each Bid must be submitted in two sealed envelopes, one within the other, so marked as to indicate the Bidder's name and its contents without being opened, and addressed in conformance with the instructions in the ITB. One original, one copy, and 2 CD copies or flash drives are required.

9. MODIFICATIONS OR WITHDRAWAL OF BIDS

Prior to the time and date designated for receipt of Bids, any Bid submitted may be modified or withdrawn by notice to the party receiving Bids at the place designated for the receipt of Bids. Such notice shall be in writing over the signature of the Bidder or by telephone, fax, or email. If by telephone, fax, or email, written confirmation over the signature of the Bidder shall be mailed and postmarked on or before the date and time set

for receipt of Bids, and it shall be so worded as not to reveal the amount of the original Bid. No Bid may be withdrawn after the time scheduled for the opening of Bids, unless the time specified in paragraph 12, AWARD OF CONTRACT, in these Instructions to Bidders shall have elapsed.

10. BID SECURITY

The Attorney-in-Fact who executes this bond in behalf of the Surety must attach a notarized copy of his/her power-of-attorney as evidence of his/her authority to bind the certification by a resident agent shall also be provided.

Bid or BID security shall be by cash, by certified or cashier's check, by a Bid bond or an irrevocable letter of credit made payable to the city and provided by a surety company authorized to do business as a surety in the state.

11. RETURN OF BID SECURITY

Within fifteen (15) days after the award of the Contract or at the discretion of the Project Manager, the Owner will return the Bid securities to all Bidders whose Bids are not to be further considered in awarding the Contract. Retained Bid securities will be held until the Contract has been finally executed, after which all Bid securities, other than Bidder's Bonds and any guarantees which have been forfeited, will be returned to the respective Bidders whose Bids they accompanied.

12. AWARD OF CONTRACT

Within ninety (90) calendar days after the opening of the Bids, the Owner will accept one of the Bids or will act in accordance with the following paragraphs. The acceptance of the Bid will be by written notice of award, mailed to the office designated in the Bid, or delivered to the Bidder's representative. In the event of failure of the lowest, responsive, qualified Bidder to sign the Contract and provide acceptable insurance certificate(s), the Owner may award the Contract to the next lowest, responsive, qualified Bidder. Such award, if made, will be made within ninety (90) days after the opening of the Bids.

Bid Award will be the date of the Notice of Award letter. Any permit and/or license requirement and subsequent costs are located within the documents. The successful Bidder must also be able to satisfy the City Attorney as to such insurance coverage and legal requirements as may be demanded by the Bid in question. The Owner reserves the right to reject any and/or all Bids because of irregularities or due to budgetary considerations, to waive irregularities or informalities in any or all Bids, and to accept any Bid that the CITY OF KEY WEST deems to be in the best interest of the Owner.

13. BASIS OF AWARD

The Owner on the basis of that Bid will make the award from the lowest, responsive, qualified Bidder that in the Owner's sole and absolute judgment will serve the best interests of the Owner.

If at the time this Contract is to be awarded, the total of the lowest acceptable Bid exceeds the funds then estimated by the Owner as available, the Owner may reject all Bids or take such other action as best serves the Owner's interest.

14. EXECUTION OF CONTRACT

The successful Bidder shall, within ten (10) working days after receiving notice of award, sign and deliver to the Owner the Contract together with the acceptable insurance certificates as required in these Documents. Within ten (10) working days after receiving the signed Contract, with acceptable insurance from the successful Bidder, the Owner's authorized agent will sign the Contract. Signature by both parties constitutes execution of the Contract.

15. FAILURE TO EXECUTE CONTRACT AND FURNISH BONDS

The Bidder who has a contract awarded to him/her and who fails to promptly and properly execute the contract shall forfeit the Bid security that accompanied his Bid, and the Bid security shall be retained as liquidated damages by the Owner, and it is agreed that said sum is a fair estimate of the amount of the damages the Owner will sustain in case the Bidder fails to enter into a Contract or furnish the required bonds. Bid security deposited in the form of cash, a certified check, or cashier's check shall be subject to the same requirements as a Bid Bond. Performance and Payment Bonds are not required as part of this contract.

16. PERFORMANCE OF WORK BY CONTRACTOR

The Contractor shall perform on site and with his/her own organization, labor equivalent to at least forty (40) percent of the total amount of the work to be performed under this Contract. If, during the progress of the work hereunder, the Contractor requests a reduction of such percentage, and the Project Manager determines that it would be to the client's advantage, the percentage of labor to be performed by the Contractor's own organization may be reduced; provided prior written approval of such reduction is obtained by the Contractor from the Project Manager.

17. TERM OF CONTRACT

The term of the contract will be three (3) years with an option to extend for an additional two (2).

18. PAYMENT TERMS

The Contractor will bill the City after completion of testing and presentation of test results to the City. Terms of payment will be a maximum of 45 days from receipt of

invoice. The Contractor may bill the City on a more frequent basis if agreed upon by the Project Manager. The Contractor may also bill the City for materials on site once proof of delivery and storage is provided.

19. LICENSES, PERMITS, AND FEES

The Contractor is responsible for identifying, obtaining and paying for all licenses and permits from Federal, State, and Local agencies required to perform the work as stated in the sections of this Bid document. The licenses, permits, and fees that are required by the City of Key West are listed in Part 1: City of Key West Licenses, Permits, and Fees. The Contractor shall verify the list with the appropriate City of Key West Departments.

CITY OF KEY WEST LICENSES, PERMITS, AND FEES

Pursuant to the Public Bid Disclosure Act, each license, permit, or fee a Contractor will have to pay the City of Key West before or during construction or the percentage method or unit method of all licenses, permits, and fees REQUIRED BY THE CITY OF KEY WEST and payable to the City by virtue of this construction as part of the Contract is as follows:

- Key West, Business Tax Receipt – Fees dependant on square footage leased and range from \$115.00 to \$800.00 per year.

Note: Contractor shall verify each license, permit, or fee before submitting the Bid.

LICENSES, PERMITS, AND FEES THAT MAY BE REQUIRED BY THE STATE OF FLORIDA, STATE AGENCIES, OR BY OTHER LOCAL GOVERNMENTAL ENTITIES ARE NOT INCLUDED IN THE ABOVE LIST.

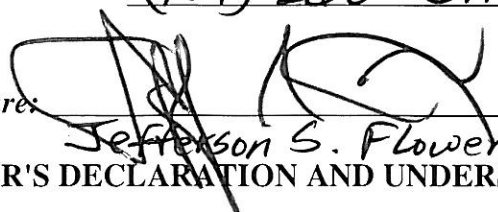
Notice to Bidder: Use Black Ink or Type For Completing the Form.

BID

To: The City of Key West/CRA
Address: 3126 Flagler Ave, Key West, Florida 33040
Project Title: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT
Project: ITB #12-006

BIDDER'S INFORMATION

Name: FLOWERS CHEMICAL LABORATORIES, INC.
Address: 481 NEWBURYPORT AVENUE
ALTAMONTE SPRINGS
FLORIDA, 32701
Contact Name: JOHN W. LINDSEY, JR.
Email: john@flowerslabs.com
Telephone: (407) 339-5984, ext. 217
Fax: (407) 260-6110

Signatures:  Jefferson S. Flowers, President/Technical Director **Date:** 11/18/11

BIDDER'S DECLARATION AND UNDERSTANDING

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Bid are those named herein, that this Bid is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Bid is made without any connection or collusion with any person submitting another Bid on this Contract.

The Bidder further declares that he/she has carefully examined the Contract Documents for the construction of the project, that he/she has personally inspected the site, that he/she has satisfied himself/herself as to the quantities involved, including materials and equipment, and conditions of work involved, including the fact that the description of the quantities of work and materials, as included herein, is brief and is intended only to indicate the general nature of the work and to

identify the said quantities with the detailed requirements of the Contract Documents, and that this Bid is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Bid.

The Bidder further agrees that he/she has exercised his/her own judgment regarding the interpretation of job conditions and has utilized all data, which he/she believes pertinent from the Project Manager, Owner, and other sources in arriving at his/her conclusions.

The intent of the Bid Documents is to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any work, materials, or equipment that may reasonably be inferred from the Contract Documents, as being required to produce the intended result shall be supplied whether or not specifically called for.

CONTRACT EXECUTION AND BONDS

The Bidder agrees that if this BID is accepted, he/she will, within ten (10) calendar days after Notice of Award, sign the Contract in the form annexed hereto, will attach all required licenses and certificates, and will, to the extent of his BID, furnish all equipment, materials, and labor necessary to complete all work as specified or indicated in the Contract Documents. Performance and Payment Bonds are not required as part of this contract.

CERTIFICATES OF INSURANCE

Bidder agrees to furnish the Owner, before commencing the work under this Contract; the certificates of insurance as specified in these Documents.

TERM OF CONTRACT

The term of the contract will be three (3) years with an option to extend for an additional two (2).

LIQUIDATED DAMAGES

In the event the Bidder is awarded the Contract and shall fail to complete the work within the time limit or extended time limit agreed upon as more particularly set forth in the Contract Documents, liquidated damages shall be paid to the Owner at the rate of five hundred dollars (\$500.00) per day for all work awarded under this contract until the work has been satisfactorily completed as provided by the Contract Documents. Sundays and legal holidays shall be included in determining days in default.

ADDENDA

The Bidder hereby acknowledges that he has received Addenda No's. _____, _____, _____, _____, _____ (Bidder shall insert No. of each Addendum received) and agrees that all addenda issued are hereby made part of the Contract Documents, and the Bidder further agrees that his Bid(s) includes all impacts resulting from said addenda.

SALES AND USE TAXES

The Bidder agrees that all federal, state, and local sales and use taxes are included in the stated Bid prices for the work.

PUBLIC ENTITY CRIMES

“A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a contract to provide any goods or services to a public entity, may not submit a Bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit Bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.”

LUMP SUM BASE BID

The Bidder agrees to accept as full payment for performance of the work as herein specified and shown on the Drawings (if any), the following lump sum. The Bidder agrees that the lump sum price represents a true measure of the design, labor, materials, equipment (including but not limited to; boat/work platform), and travel expenses required to perform the work, including all allowances for overhead and profit for each type and unit of work called for in these Contract Documents. The amounts shall be shown in both words and figures. In case of a discrepancy, the amount shown in words shall govern. The Bid will be awarded on total Bid amount. Final lump sum payments will be adjusted based on actual units and unit prices.

BID FORM

ITB #12-006: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT

KEY WEST BIGHT/KEY WEST BIGHT FERRY TERMINAL

QUARTERLY SAMPLING \$ 4,700.00 per quarter

Price in Words Four thousand seven hundred and ^{no}/₁₀₀ dollars per quarter

ANNUAL SAMPLING \$ 13,933.00 per year

Price in Words Thirteen thousand nine hundred thirty-three per year
and ^{no}/₁₀₀ dollars.

ALTERNATE BID*

CITY MARINA AT GARRISON BIGHT

QUARTERLY SAMPLING \$ 2,250.00 per quarter

Price in Words Two thousand two hundred fifty and ^{no}/₁₀₀ dollars per quarter

ANNUAL SAMPLING \$ 9,692.00 per year

Price in Words Nine thousand six hundred two and per year
^{no}/₁₀₀ dollars

* The City reserves the right not to award the alternate bid because of budgetary constraints

BID BREAKDOWN

The Bidder shall provide a schedule of values for all aspects of the project including mobilization/demobilization, labor and materials, permitting, etc. required or to be used for the project. The schedule of values shall be in sufficient detail to allow the owner to understand how the Bidder arrived at said Bid price and shall become part of the contract for basis of payment. The City may ask for a more detailed schedule of values if one submitted is not sufficient.

SUBCONTRACTORS

The Bidder further proposes that the following subcontracting firms or businesses will be awarded subcontracts for the following portions of the work in the event that the Bidder is awarded the Contract:

Portion of Work: _____
Name: _____
Address: _____
Portion of Work: _____
Name: _____
Address: _____
Portion of Work: _____
Name: _____
Address: _____
Portion of Work: _____
Name: _____
Address: _____

N A

** ALL WORK TO BE PERFORMED IN-HOUSE
By FCL*

BIDDER

The name of the Bidder submitting this Bid is: FLOWERS CHEMICAL LABORATORIES, INC
Doing business at 481 NEWBURY PORT AVENUE
City ALTAMONTE SPRINGS State FLORIDA Zip 32701
Telephone No. (407) 339-5984

This address is where all communications concerning this Bid shall be sent.
P.O. Box 150597
ALTAMONTE SPRINGS, FL. 32715-0597


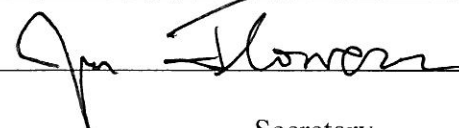
The names of the principal officers of the Corporation submitting this Bid, or of the Partnership, or of all persons interested in this Bid as Principals are as follows:

Name	Title
<u>JEFFERSON S. FLOWERS</u>	<u>PRESIDENT/TECHNICAL DIRECTOR</u>
<u>JASON E. FLOWERS</u>	<u>Vice President/Secretary</u>

If Corporation

IN WITNESS WHEREOF the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this 18th day of NOVEMBER, 2011.

(SEAL)

Name of Corporation _____
By:  _____
Title: President _____
Attest:  _____
Secretary

If Sole Proprietor or Partnership

IN WITNESS hereto the undersigned has set his/her/its hand this _____ day of _____, 2011.

Signature of Bidder _____
Title _____

5% BID SECURITY
CHECK ATTACHED
\$

FLORIDA BID BOND

BOND NO. _____

AMOUNT \$ _____

KNOW ALL MEN BY THESE PRESENTS, that

_____, hereinafter called the PRINCIPAL, and _____, a corporation duly organized under the laws of the State of _____ having its principal place of business at _____ in the State of _____ and authorized to do business in the State of Florida, as SURETY, are held firmly bound unto hereinafter called the Obligee, in the sum of _____ DOLLARS (\$ _____) for the payment for which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents..

THE CONDITION OF THIS BOND IS SUCH THAT:

WHEREAS, the PRINCIPAL is herewith submitting his or its Bid or Bid for:

WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT

* The City reserves the right not to award the alternate bid because of budgetary constraints

WHEREAS, the PRINCIPAL contemplates submitting or has submitted a Bid to the OBLIGEE for the furnishing of labor, materials, (except those specifically furnished by the Owner), equipment, machinery, tools, apparatus, means of transportation for, and the performance of the work covered in the Bid and the detailed Specifications entitled:

WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT

WHEREAS, it was a condition precedent to the submission of said Bid that a cashier's check, certified check, or Bid bond in the amount of five (5) percent of the base Bid be submitted with said Bid as a guarantee that the Bidder would, if awarded the Contract, enter into a written Contract with the Owner for the performance of said Contract, within five (5) working days after written notice having been given of the award of the Contract.

NOW, THEREFORE, the conditions of this obligation are such that if the PRINCIPAL within five (5) working days after written notice of such acceptance, enters into a written Contract with

the OBLIGEE then this obligation shall be void: otherwise the sum herein stated shall be due and payable to the OBLIGEE and the Surety herein agrees to pay said sum immediately upon demand of the OBLIGEE in good and lawful money of the United States of America, as liquidated damages for failure thereof of said principal.

Signed and sealed this _____ day of, _____ 2011.

PRINCIPAL

By

SURETY

Attorney-In-Fact

**SWORN STATEMENT UNDER SECTION 287.133(3)(a)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

PROJECT ITB #12-006: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICE AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Bid or Contract No. 12-006 for WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT
2. This sworn statement is submitted by FLOWERS CHEMICAL LABORATORIES, INC.
(Name of entity submitting sworn statement)
whose business address is 481 NEWBURYPORT AVENUE
ALTAMONTE SPRINGS, FLORIDA 32701 and (if applicable) its Federal Employer Identification Number (FEIN) is 59-2686261 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.)
3. My name is JEFFERSON S. FLOWERS and my relationship to
(Please print name of individual signing)
the entity named above is PRESIDENT/TECHNICAL DIRECTOR
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

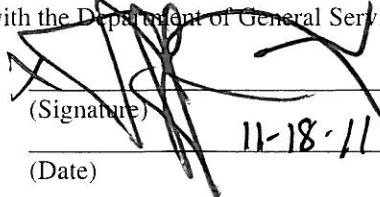
Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)



(Signature)

11-18-11
(Date)

STATE OF FLORIDA
COUNTY OF SEMINOLE

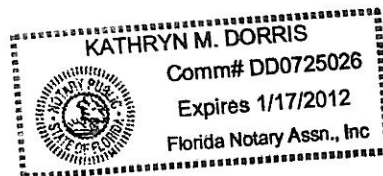
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

JEFFERSON FLOWERS who, after first being sworn by me, affixed his/her signature in the
(Name of individual signing)

space provided above on this 18th day of November, 2011.

My commission expires:


NOTARY PUBLIC



**LOCAL VENDOR CERTIFICATION PURSUANT TO CKW ORDINANCE 09-22
SECTION 2-798**

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a. Principle address as registered with the FL Department of State located within 30 miles of the boundaries of the city, listed with the chief licensing official as having a business tax receipt with its principle address within 30 miles of the boundaries of the city for at least one year immediately prior to the issuance of the solicitation.
- b. Maintains a workforce of at least 50 percent of its employees from the city or within 30 miles of its boundaries.
- c. Having paid all current license taxes and any other fees due the city at least 24 hours prior to the publication of the call for bids or request for proposals.

- Not a local vendor pursuant to Ordinance 09-22 Section 2-798
- Qualifies as a local vendor pursuant to Ordinance 09-22 Section 2-798

If you qualify, please complete the following in support of the self certification & submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name _____

Phone: _____

Current Local Address: _____
(P.O Box numbers may not be used to establish status)

Fax: _____

Length of time at this address _____

Signature of Authorized Representative

Date

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20__.

By _____, of _____
(Name of officer or agent, title of officer or agent) Name of corporation acknowledging)
or has produced _____ as identification
(type of identification)

Signature of Notary

Print, Type or Stamp Name of Notary

Title or Rank

Return Completed form with
Supporting documents to:
City of Key West Purchasing

PART 2

CONTRACT FORMS



Notice of Award

Date

Company

Attention:

Address

City, State, Zip

Project: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY
TERMINAL, AND CITY MARINA AT GARRISON BIGHT: ITB No: 12-006

* The City reserves the right not to award the alternate bid because of budgetary
constraints

Dear:

At a meeting of the Key West City Commission/CRA held on _____, 2011, your
firm, _____ was awarded the contract for WATER TESTING AT KEY
WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT
GARRISON BIGHT for a total contract amount of \$_____.

Enclosed please find three (3) copies of the Contract Documents for your execution. Please
complete the necessary pages, affixing signatures, notary and / or corporate seals, etc. where
necessary and return to this office within ten (10) calendar days from the date of this letter.

The Certificate of Insurance must be attached to the documents; an original and two copies are
acceptable.

A copy of your City of Key West Business Tax Receipt must be attached.

If you have additional questions, please do not hesitate to call me at (305) 809-3985.

Sincerely,

Mark Tait
Marina Manager - KW Bight

SAMPLE CONTRACT

This Contract made and entered into this _____ day of _____ 2011, by and between the **City of Key West/CRA**, hereinafter called the "Owner", and _____, hereinafter called the "Contractor";

WITNESSETH:

The Contractor, in consideration of the sum to be paid him by the Owner and of the covenants and agreements herein contained, hereby agrees at his own proper cost and expense to do all the work and furnish all the materials, tools, labor, and all appliances, machinery, and appurtenances for the PROJECT ITB #12-006: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT, to the extent of the BID made by the Contractor, dated this _____ day of _____ 2011, all in full compliance with the Contract Documents referred to herein:

BIDDING REQUIREMENTS, CONTRACT FORMS, CONDITIONS OF THE CONTRACT, TECHNICAL SPECIFICATIONS, AND DRAWINGS (if any), which consists of WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY TERMINAL, AND CITY MARINA AT GARRISON BIGHT are hereby referred to and by reference made a part of this Contract as fully and completely as if the same were fully set forth herein and are mutually cooperative therewith.

In consideration of the performance of the work as set forth in these Contract Documents, the Owner agrees to pay to the Contractor the LUMP SUM BID amount in the Bid as adjusted in accordance with the Contract Documents, or as otherwise herein provided, and to make such payments in the manner and at the times provided in the Contract Documents.

The Contractor agrees to complete the work within the time specified in the Contract, and to accept as full payment hereunder the amounts as determined by the Contract Documents and based on the said Bid.

The term of the contract will be three (3) years with an option to extend for an additional two (2). Contractor agrees to perform sampling events on an annual and quarterly basis at the Key West Bight. Contractor agrees to perform sampling events annually at City Marina at Garrison Bight, per alternate, if requested by owner.

* The City reserves the right not to award the alternate bid because of budgetary constraints

In the event that the Contractor shall fail to complete the work within the time limit or the extended time limit agreed upon, as more particularly set forth in the Contract Documents, liquidated damages shall be paid at the rate of five hundred dollars (\$500.00) per calendar day. Sundays and legal holidays shall be included in determining days in default.

IN WITNESS WHEREOF, we, the parties hereto, each herewith subscribe the same, this _____ day of _____ 2011.

Attest:

By:

Cheryl Smith, City Clerk

Jim Scholl, City Manager

Contractor: _____ Witness: _____

By: _____ Print Name: _____

Print Name: _____

Title: _____

NOTICE TO PROCEED

Date

Company

Attention:

Address

City, State, Zip

**Project: WATER TESTING AT KEY WEST BIGHT, KEY WEST BIGHT FERRY
TERMINAL, AND CITY MARINA AT GARRISON BIGHT: ITB NO: 12-006**

You are hereby notified to commence work on _____, 2011 in accordance with the Contract made with the City of Key West on the _____ day of _____ 2011. The work shall be completed per the attached schedule.

Sincerely,

Mark Tait
Marina Manager

Receipt of this NOTICE TO PROCEED is hereby acknowledged this, the _____ day of _____, 2011.

CONTRACTOR: _____

By: _____

Title: _____

Date: _____

Please return one (1) copy of this notice to:

Mark Tait, Marina Manager
City of Key West
201 William Street
Key West, FL 33040

PART 3
CONDITIONS

CONDITIONS OF BID
CITY OF KEY WEST

1. PREPARATION OF BIDS:

Bids will be prepared in accordance with the following:

- a. The enclosed Bid Response Form is to be used, other forms may be rejected.
- b. All information required by the Bid form shall be furnished. The BIDDER shall print or type his/her name and manually sign the Bid Response Form plus each continuation sheet on which an entry is made.
- c. Bid delivery time must be shown and shall include Sundays and holidays.
- d. BIDDER shall thoroughly examine the specifications, drawings, schedule, instructions, and all other contract documents.
- e. All Bids shall be submitted in original plus one copy and 2 CDs or flash drives containing the complete Bid in PDF format.
- f. BIDDERS are advised that all CITY OF KEY WEST contracts are subject to all legal requirements provided for in City ordinances and/or State and Federal Statutes.

2. DESCRIPTION OF SUPPLIES:

- a. Any manufacturer's name, trade name, brand name, or catalog number used in the specifications is for the purpose of describing and establishing general quality levels. SUCH REFERENCES ARE NOT INTENDED TO BE RESTRICTIVE. Bids will be considered for any brand, which meets the quality of the specifications for any item.

3. SUBMISSION OF BIDS:

- a. Bids and changes thereto shall be enclosed in sealed envelopes addressed to the City Clerk, City of Key West. The name and address of the BIDDER, the date and hour of the Bid opening and the Bid number shall be placed on the outside of the envelope.
- b. Bids must be submitted on the form furnished. Telecopy Bids will not be considered.
- c. Unless otherwise indicated, all City of Key West Bids may be awarded on a line-item basis.
- d. Bid prices must remain in effect for ordering up to three (3) months from Bid opening date.

4. REJECTION OF BIDS:

- a. The CITY OF KEY WEST may reject Bids for any and/or all of the following reasons: (1) for budgetary reasons, (2) if the BIDDER misstates or conceals a material fact in his/her Bid, (3) if the Bid does not strictly conform to the law or is non-responsive to the Bid requirements, (4) if the Bid is conditional, or (5) if a change of circumstances occurs making the purpose of the Bid unnecessary to the CITY OF KEY WEST. The CITY OF KEY WEST may also waive any minor informalities or irregularities in any Bid.

5. WITHDRAWAL OF BIDS:

- a. Bids may not be withdrawn after the time set for the Bid opening for a period of time as specified in the Instruction to BIDDERS.
- b. Bids may be withdrawn prior to the time set for Bids opening. Such request must be in writing addressed to the City Clerk.

6. LATE BIDS OR MODIFICATION:

- a. Bids and modifications received after the time set for the Bid opening will not be considered.
- b. Modifications in writing received prior to the time set for the Bid opening will be accepted.

7. LOCAL, STATE, AND FEDERAL COMPLIANCE REQUIREMENTS:

- a. BIDDERS shall comply with all local, state and federal directives, orders and laws as applicable to this Bid and subsequent contract(s) including, but not limited to:
 1. Equal Employment Opportunity (EEO), in compliance with Executive Order 11246, as applicable to this contract.
 2. Minority Business Enterprises (MBE), as applicable to this contract.
 3. Occupational Safety and Health Act (OSHA), as applicable to this contract.

8. COLLUSION:

- a. The BIDDER by affixing his/her signature to this Invitation to Bid, agrees to the following: "BIDDER certifies that his/her Bid is made without previous understanding, agreement, or connection with any person, firm, or corporation making a Bid for the same items and is in all respects fair, without outside control, collusion, fraud, or otherwise illegal action".

9. VARIANCE IN CONDITIONS:

- a. Any and all special conditions and specifications attached hereto, which vary from General Conditions, shall have precedence.

10. APPROPRIATIONS CLAUSE:

- a. If the contract or delivery extends beyond the current fiscal year, which ends on September 30, the contract shall be contingent upon the availability of funds appropriated for such purposes in the City's annual budget for the next succeeding fiscal year.

11. CLARIFICATION OR OBJECTION TO BID SPECIFICATIONS:

- a. If any person contemplating submitting a Bid for this contract is in doubt as to the true meaning of the specifications or other Bid documents or any part thereof, he/she may submit to the Finance Director on or before ten calendar (10) days prior to scheduled opening a request for clarification. All such requests for information shall be made in writing and the person submitting the request will be responsible for prompt delivery. Any interpretation of the Bid, if made, will be made only by

Addendum duly issued. Such addendum will be made available through the DEMANDSTAR web site. The City will not be responsible for any other explanation or interpretation of the proposed Bid made or given prior to the award of the contract.

12. DISCOUNTS:

- a. BIDDERS may offer a cash discount for prompt payment; however, such discount shall not be considered in determining the lowest net cost for Bid evaluation proposed. BIDDERS are encouraged to reflect cash discounts in the unit price quoted.
- b. In connection with any discount offered, time will be computed from the date of receipt of supplies or services or from the date a correct invoice is received, whichever is the later date. Payment is deemed to be made on the date of mailing of the check.

13. AWARD OF CONTRACT:

- a. The contract will be awarded to the lowest responsive and responsible BIDDER whose Bid, conforming to the Request for Bid, is most advantageous to the City, prices and other factors considered.
- b. The City reserves the right to accept and award item by item, and/or by group or in the aggregate, unless the BIDDER qualifies his/her Bid by specified limitations as provided in 4 (4).
- c. If two (2) or more Bids received are for the same total amount or unit price, quality and service being equal, the contract will be awarded according to City Ordinance Section 2-835(c).
- d. Prices quoted must be f.o.b. Key West, Florida, with all transportation charges prepaid unless otherwise specified in the Invitation to Bid.
- e. A written award of acceptance (Purchase Order) and a signed contract, mailed or otherwise furnished to the successful BIDDER shall result in a binding contract without further action by either party.

14. LOCAL PREFERENCE:

- a. Pursuant to City Code Section 2-798 the City of Key West policy of local preference is applied to Bids submitted by qualified local businesses.

15. DAMAGE:

- a. Successful BIDDER(s) will be responsible for making any and all claims against carriers for missing or damaged items.

16. TRAVEL AND REIMBURSABLE OUT OF POCKET EXPENSE:

- a. Should there be travel and/or reimbursable out of pocket expenses relevant to this contract, Florida Statute 112.061 (Per Diem and travel expenses of public officers, employees, and authorized persons) will be followed. (Not applicable to Lump Sum Bids)

17. INSURANCE AND LIABILITY

Contractor shall maintain limits no less than those stated below:

- A. Worker's Compensation – Statutory – in compliance with the Compensation law of the State of Florida. The coverage must include Employer's Liability with a limit of One Million (\$1,000,000.00) Dollars each accident.
- B. Commercial General Liability Insurance with a minimum limit of liability per occurrence of One Million (\$1,000,000.00) Dollars for bodily injury and property damage. This insurance shall include the following coverage:
 - Premises-Operations
 - Broad Form Contractual Liability
 - Products and Completed Operations
 - Use of Independent Contractors and Subcontractors
 - Personal Injury
 - Broad Form Property Damage
- C. Business Automobile Liability Insurance with a minimum limit of liability per occurrence of One Million (\$1,000,000.00) Dollars for bodily injury and property damage. This insurance shall include for bodily injury and property damage the following coverage:
 - Owned automobiles
 - Hired automobiles
 - Non-owned automobiles
- D. Excess/Umbrella Liability shall have a minimum limit of Two Million (\$2,000,000.00) per occurrence/aggregate.
- E. It shall be the responsibility of the Contractor to ensure that all subcontractors comply with the same insurance requirements as is required of Contractor.
- F. Certificates of Insurance meeting the required insurance provisions shall be forwarded to Engineer, Owner's and Risk Management.

PART 4
SCOPE OF WORK

SCOPE OF WORK

FACILITIES

Testing will be completed at the following facilities:

- Key West Bight (4 sampling locations)
- Key West Bight Ferry Terminal (2 sampling locations)
- Contractor will supply their own boat for all testing

Alternate Location

- City Marina at Garrison Bight (5 sampling locations)
- Contractor will supply their own boat for all testing

Term of the contract shall be for a period of three (3) years with the option to renew up to two (2) years under the same terms and conditions.

FREQUENCY

Testing shall be annually for all parameters and quarterly for dissolved oxygen (D.O.) and Coliform bacteria from all stations identified on Attachment A for Key West Bight, Ferry Terminal and Map of Proposed Master Site Plan. The quarterly coliform bacteria may consist of duplicate surface samples collected at each station in lieu of the 10 samples in a 30-day period required below for the annual sampling. (Alternate Location) City Marina at Garrison Bight testing shall be one annual test for all parameters from all stations identified Attachment B.

PROJECT SPECIFICATIONS

Laboratory performing the analyses shall have an approved quality assurance plan on file with the Florida Department of Environmental Protection (DEP). Analyze the water and sediment samples for the following parameters following the Departments Standard Operating Procedures (SOP's) and FAC Rule 62-160.

BASIC ANALYTICAL SERVICES AND REPORTING

All data shall be submitted with the documents containing the following information: (1) permit application number; (2) dates of sampling and analysis; (3) a statement describing the methods used in collection, handling, storage and analysis of the samples; (4) a map indicating the sampling locations; (5) a statement by the individual responsible for implementation of the sampling program concerning the authenticity, precision, limits of detection and accuracy of the data; and (6) documentation that the laboratory performing the sampling and analyses has an approved quality assurance plan on file with DEP.

MONITORING REPORTS

Monitoring reports shall also include the following information for each sample that is taken:

- a. time of day samples taken,
- b. water temperature ($^{\circ}$ C),
- c. salinity (ppt),
- d. depth of water body,
- e. depth of sample,
- f. antecedent weather conditions,
- g. tidal stage and direction of flow,
- h. wind direction and velocity,

- i. identification (GPS coordinates) of the sample location which corresponds to the sample location number shown on the sampling location map,
- j. The appropriate Rule 62-302, F.A.C., standard for the parameter being measured,
- k. The detection limit for the parameter being measured.

In addition to the above, all data shall be reported in a table (or tables) which clearly list(s) the results of parameters measured at each location, and the information described in (j) and (k), above.

Reports shall be emailed to City of Key West at an email addresses to be determined. Additionally, contractor shall provide the City of Key West with a hard copy as well as submit a hard copy to the DEP.

DATA REGRESSION GRAPHS

Prepare and submit with the sediment sampling/testing data regression graphs for Copper/Aluminum, Lead/Aluminum, Zinc/Aluminum, Arsenic/Aluminum, Cadmium/Aluminum and Chromium/Aluminum.

SAMPLING LOCATION AND PARAMETER SUMMARY TABLE

Water Column

Please collect duplicate water quality samples, except samples for dissolved oxygen (D.O.) and coliform bacteria from the stations shown on the attached map at the indicated depths, analyze the field collected samples individually, and report each of the duplicate samples individually for the following parameters. All measurements and analyses for each parameter shall be made using approved methods providing a PQL (Practical Quantification Limit) below the water quality standard for the parameter as listed in Rule 62-302, F.A.C.

PARAMETER	DEPTH
Dissolved Oxygen-mg/l (diel samples taken at 4 hr intervals through a 24 hr period)	1 ft. below surface, mid-depth, and 1 ft. above bottom
BOD5	1 ft. below surface, mid-depth, and 1 ft. above bottom
Ph	1 ft. below surface, mid-depth, and 1 ft. above bottom
Total N, TKN, NO ₂ -N, NO ₃ -N, and unionized ammonia (mg/l)	1 ft. below surface, mid-depth, and 1 ft. above bottom
Total P and Ortho – PO ₄ -P (mg/l)	1 ft. below surface, mid-depth, and 1 ft. above bottom
Oil and Grease (mg/l)	Surface
Fecal and total coliform (#/100ml) (10 samples in a 30 day period)	Surface
Polycyclic aromatic hydrocarbons total (PAHs) (ug/l)	1 ft. above bottom, by Appropriate CUSEPA Method.
Arsenic total- u/l	1 ft. above bottom
Cadmium (u/l)	1 ft. above bottom
Chromium VI (ug/l)	1 ft. above bottom

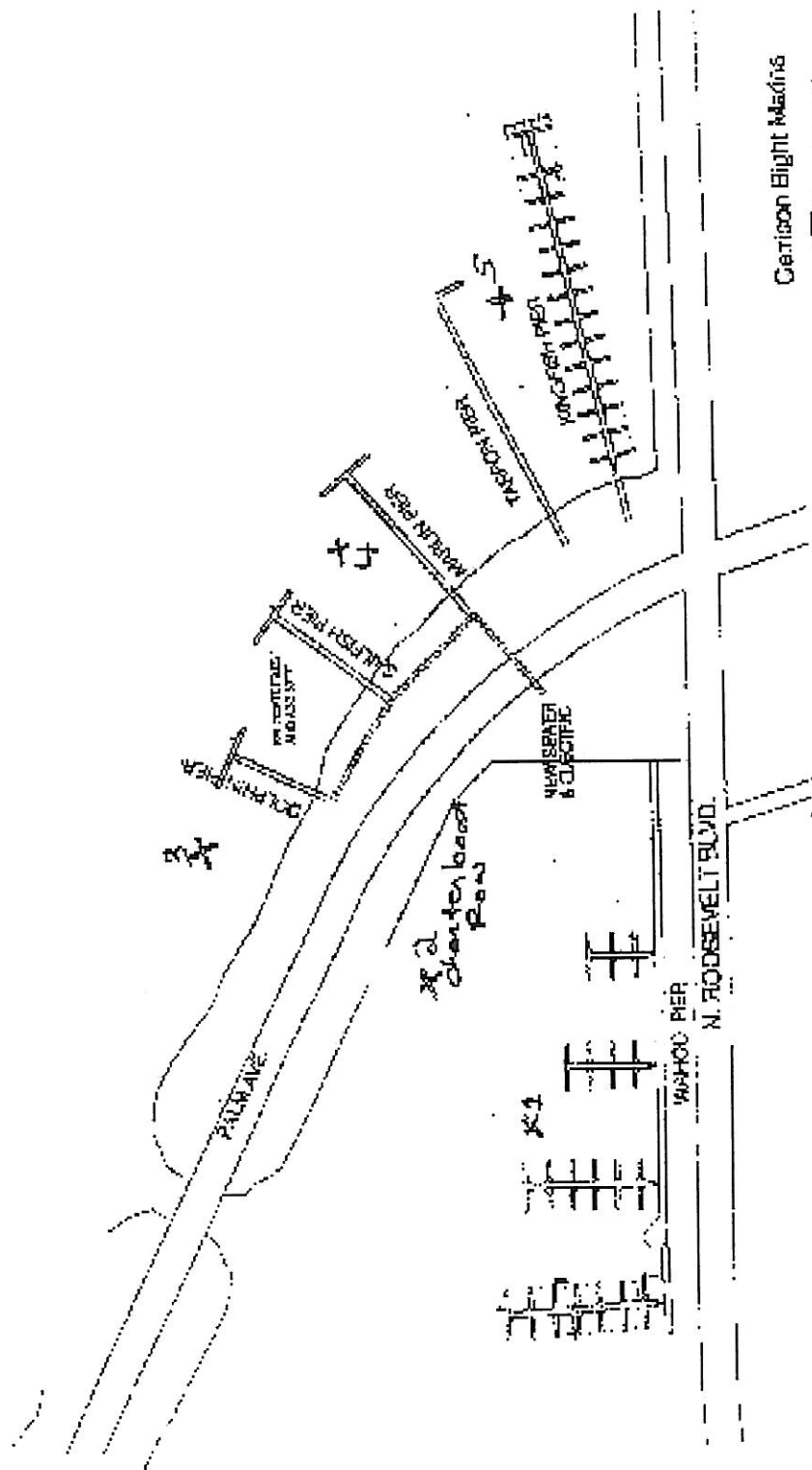
Copper (ug/l)	1 ft. above bottom
Lead (ug/l)	1 ft. above bottom
Zinc (ug/l)	1 ft. above bottom
Specific Conductivity (umhos/cm)	1 ft. below surface, mid-depth and 1 ft. above bottom

***Note: All methods listed are USEPA methods**

Sediments

Please collect triplicate sediment samples from all stations indicated on the attached maps. Please analyze two of the sediment samples for the following parameters using the specified detection limit and archive the third for analysis at the Department's request, if the results from the first two samples conflict. All sediment data shall be collected and analyzed using the procedures in the Deepwater Ports Maintenance Dredging and Disposal Manual, DEP, 1984.

PARAMETER	SAMPLE	DETECTION LIMITS (mg/kg)
Aluminum	top 2 cm.	10.0
Copper	top 2 cm.	1.0
Lead	top 2 cm.	1.0
Zinc	top 2 cm.	1.0
Arsenic	top 2 cm.	1.0
Cadmium	top 2 cm.	0.05
Chromium	top 2 cm.	1.0
Polycyclic aromatic hydrocarbons, (mg/l)	top 2 cm.	0.5



SITE PLAN

Carlson Eight Madris
 City of Key West
 Planning Department
 2/1/2002

Attachment B: City Marina

ADDENDUM NO. 1
ITB# 12-006

To All Bidders:

The following change is hereby made a part of ITB# 12-006 as fully as completely as if the same were fully set forth therein:

Questions:

1) Data regression graphs are specified. Copper/Aluminum for example, would you prefer both plotted on one graph or would you require the ratio plotted?

Curve Constance

Regression coefficient

Plot the data against aluminum and data points and lease square linear regression

2) The Water Column table provided in the scope does not specify a Depth interval for PAH.

a) Is PAH to be analyzed? Yes EPA Method 8270

b) What depth(s) will PAH samples be collected?

1 foot above bottom

3) Should the unit of measure required for Specific Conductance be umhos/cm?

Yes

4) Our assumption is that the following measurements will be collected in the field and not analyzed by a lab, pH, Specific Conductance, D.O., Temperature and Salinity. Is this correct?

Yes

5) What is the average depth of the water at the three sites listed in this scope?

12 ft

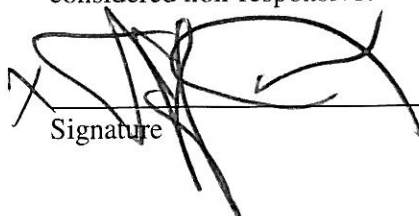
6) We understand the Quarterly and Annual event to include D.O. readings every 4 hours for 24 hours. Is this correct?

Yes

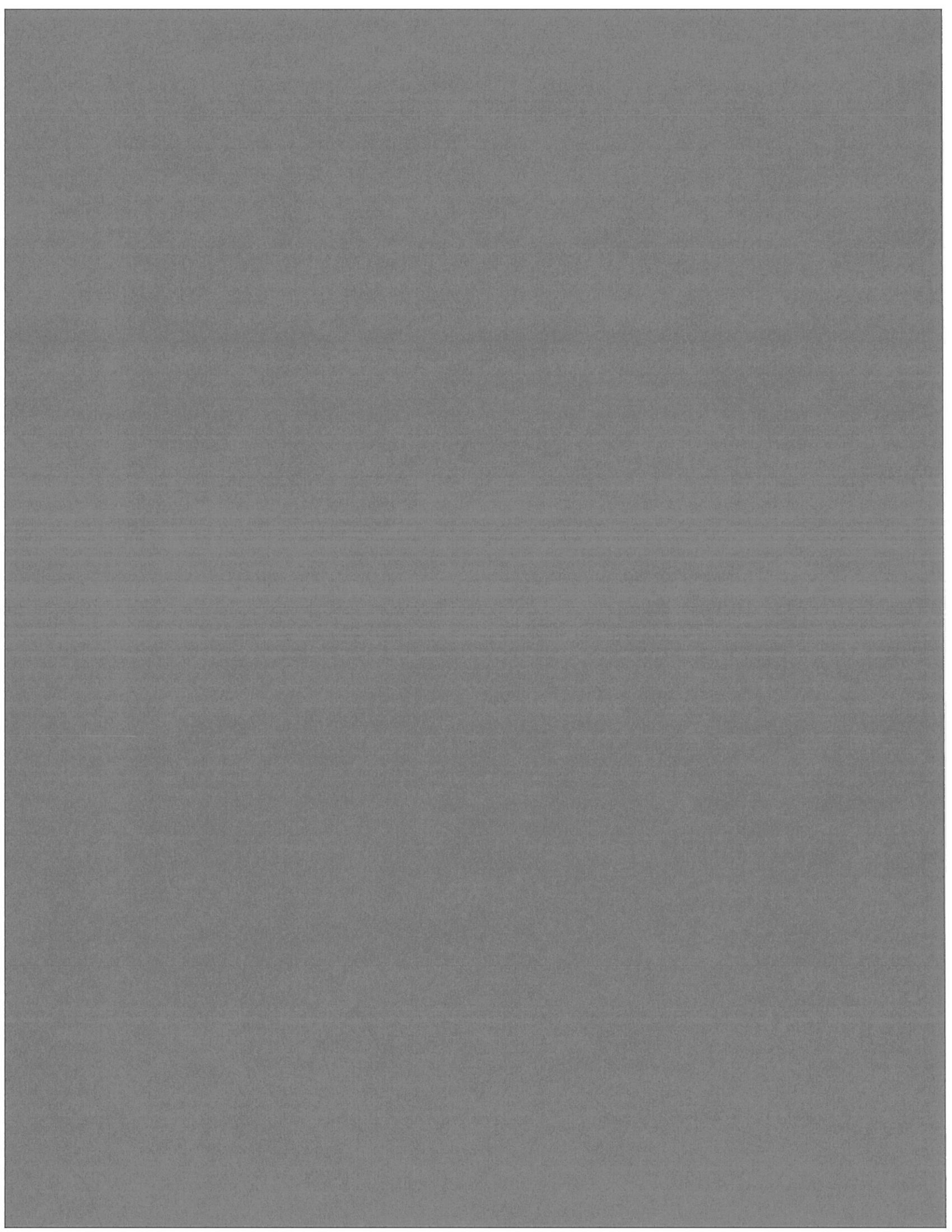
7) We understand the Quarterly scope to include Fecal and Total Coliform samples collected once per location with a duplicate.

Yes

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 by acknowledging Addendum in their proposal or by submitting the addendum with the bid package. Bids submitted without acknowledgement or without this Addendum may be considered non-responsive.


Signature


Name of Business



CITY OF KEY WEST, FLORIDA

Business Tax Receipt

This Document is a business tax receipt
Holder must meet all City zoning and use provisions.
P.O. Box 1409, Key West, Florida 33040 (305) 809-3955

Business Name FLOWERS CHEMICAL LABORATORIES CtlNbr:0018202
Location Addr 481 NEWBURYPORT AVE
Lic NBR/Class 12-00022330 SERVICE - GENERAL
Issue Date: July 22, 2011 Expiration Date: September 30, 2012
License Fee \$98.70
Add. Charges \$0.00
Penalty \$0.00
Total \$98.70

Comments: ANALYTICAL AND ENVIRONMENTAL TESTING LAB

This document must be prominently displayed.

FLOWERS CHEMICAL LABORATORIES
POB 150597

ALTAMONTE SPRINGS FL 32701

FLOWERS CHEMICAL LABORATORIES

Oper: CWALKER Type: DC Drawer: 1
Date: 7/26/11 59 Receipt no: 89128
2012 22330
OR LIC OCCUPATIO 1 \$98.70
Trans number: 2556514
CK CHECK 13124 \$98.70

Trans date: 7/26/11 Time: 14:36:24

**2011 / 2012
MONROE COUNTY BUSINESS TAX RECEIPT
EXPIRES SEPTEMBER 30, 2012**

RECEIPT# 47161-99343

Business Name: FLOWERS CHEMICAL LABORATORIES INC

Owner Name: JEFFERSON S FLOWERS PRES
Mailing Address: PO BOX 150597
ALTAMONTE SPRINGS, FL 32715

Business Location: 481 NEWBURYPORT AVE
ALTAMONTE SPRINGS, FL 32715
Business Phone: 407-339-5984
Business Type: MISCELLANEOUS SERVICE (ANALYTICAL &
ENVIRONMENTAL TESTING)

Rooms Seats Employees Machines Stalls

1

		For Vending Business Only					
		Number of Machines:		Vending Type:			
Tax Amount	Transfer Fee	Sub-Total	Penalty	Prior Years	Collection Cost	Total Paid	
22.00	0.00	22.00	0.00	0.00	0.00	22.00	

Paid 118-10-00001052 07/14/2011 22.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT
WHEN VALIDATED

Danise D. Henriquez, CFC, Tax Collector
PO Box 1129, Key West, FL 33041

THIS IS ONLY A TAX.
YOU MUST MEET ALL
COUNTY AND/OR
MUNICIPALITY PLANNING
AND ZONING REQUIREMENTS.



State of Florida
Department of Health, Bureau of Laboratories
This is to certify that

E83018

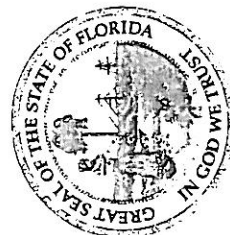
FLOWERS CHEMICAL LABORATORIES
481 NEWBURYPORT AVENUE
ALTA MONTE SPRINGS, FL 32701

has complied with Florida Administrative Code 64E-1,
for the examination of Environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - MICROBIOLOGY, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

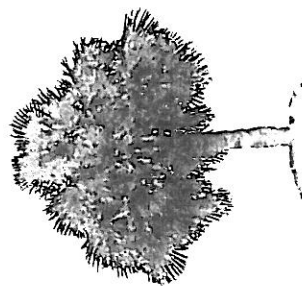
Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2011 Expiration Date: June 30, 2012



Max Salfinger

Max Salfinger, M.D.
Chief, Bureau of Laboratories
Florida Department of Health
DH Form 1697, 7/04
NON-TRANSFERABLE E83018-34-07/01/2011
Supersedes all previously issued certificates





Rick Scott
Governor

H. Frank Farmer, Jr., M.D., Ph.D.
State Surgeon General
Page 1 of 32

Laboratory Scope of Accreditation

Attachment to Certificate #: E83018-34, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,1,1,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,1,1-Trichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
1,1,2,2-Tetrachloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,1,2,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,1,2-Trichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
1,1-Dichloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,1-Dichloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,1-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
1,1-Dichloropropene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,1-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,2,3-Trichlorobenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,2,3-Trichloropropane	EPA 504.1	Group II Unregulated Contaminants	NELAP	3/14/2003
1,2,4-Trichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	3/1/2002
1,2,4-Trichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	6/8/2006
1,2,4-Trimethylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,2,4-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	6/1/2001
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	6/1/2001
1,2-Dichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
1,2-Dichloroethane	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
1,2-Dichloropropane	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
1,3,5-Trimethylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,3,5-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,3-Dichlorobenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,3-Dichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,3-Dichloropropane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,3-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
1,4-Dichlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	9/12/2006

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012



Rick Scott
Governor

H. Frank Farmer, Jr., M.D., Ph.D.
State Surgeon General
Page 2 of 32

Laboratory Scope of Accreditation

Attachment to Certificate #: E83018-34, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83018 EPA Lab Code: FL00091 (407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 522	Synthetic Organic Contaminants	NELAP	11/10/2010
2,2-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
2,4-D	EPA 515.4	Synthetic Organic Contaminants	NELAP	1/2/2007
2-Butanone (Methyl ethyl ketone, MEK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
2-Chlorotoluene	EPA 502.2	Group II Unregulated Contaminants	NELAP	3/1/2002
2-Hexanone	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
3-Hydroxycarbofuran	EPA 531.1	Group I Unregulated Contaminants	NELAP	6/1/2001
4-Chlorotoluene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
4-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
4-Isopropyltoluene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
4-Isopropyltoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
4-Methyl-2-pentanone (MIBK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Acetone	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Alachlor	EPA 507	Synthetic Organic Contaminants	NELAP	3/1/2002
Aldicarb (Temik)	EPA 531.1	Group I Unregulated Contaminants	NELAP	6/1/2001
Aldicarb sulfone	EPA 531.1	Group I Unregulated Contaminants	NELAP	6/1/2001
Aldrin	EPA 505	Group I Unregulated Contaminants	NELAP	6/1/2001
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/1/2002
Aluminum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	3/1/2002
Antimony	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
Arsenic	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
Atrazine	EPA 507	Synthetic Organic Contaminants	NELAP	3/1/2002
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	6/1/2001
Barium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
Benzene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Benzo(a)pyrene	EPA 525.2	Synthetic Organic Contaminants	NELAP	1/2/2007
Beryllium	EPA 200.8	Primary Inorganic Contaminants	NELAP	3/1/2002
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 525.2	Synthetic Organic Contaminants	NELAP	6/1/2001
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	3/14/2003
Bromobenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Bromobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Bromochloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	3/14/2003
Bromochloromethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Bromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001

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Issue Date: 7/1/2011

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Rick Scott
Governor

H. Frank Farmer, Jr., M.D., Ph.D.
State Surgeon General

Page 3 of 32

Laboratory Scope of Accreditation

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State Laboratory ID: E83018 EPA Lab Code: FL00091 (407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Bromodichloromethane	EPA 502.2	Group II Unregulated Contaminants, Other Regulated Contaminants	NELAP	6/1/2001
Bromodichloromethane	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	6/1/2001
Bromoform	EPA 502.2	Group II Unregulated Contaminants, Other Regulated Contaminants	NELAP	6/1/2001
Bromoform	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	6/1/2001
Butachlor	EPA 507	Group I Unregulated Contaminants	NELAP	6/1/2001
Cadmium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	6/1/2001
Carbofuran (Furadan)	EPA 531.1	Synthetic Organic Contaminants	NELAP	6/1/2001
Carbon disulfide	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Carbon tetrachloride	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Chlordane (tech.)	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	6/1/2001
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	3/14/2003
Chlorobenzene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Chloroethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Chloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Chloroform	EPA 502.2	Group II Unregulated Contaminants, Other Regulated Contaminants	NELAP	6/1/2001
Chloroform	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	6/1/2001
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	6/1/2001
Chromium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
cis-1,2-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
cis-1,3-Dichloropropene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
cis-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	6/1/2001
Copper	EPA 200.7	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	6/1/2001

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012



Rick Scott
Governor

H. Frank Farmer, Jr., M.D., Ph.D.
State Surgeon General
Page 4 of 32

Laboratory Scope of Accreditation

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State Laboratory ID: E83018 EPA Lab Code: FL00091 (407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Copper	EPA 200.8	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	6/1/2001
Cyanide	SM 4500CN-E	Primary Inorganic Contaminants	NELAP	6/1/2001
Dalapon	EPA 515.4	Synthetic Organic Contaminants	NELAP	1/2/2007
Di(2-ethylhexyl)adipate	EPA 525.2	Synthetic Organic Contaminants	NELAP	6/1/2001
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	3/14/2003
Dibromochloromethane	EPA 502.2	Group II Unregulated Contaminants, Other Regulated Contaminants	NELAP	6/1/2001
Dibromochloromethane	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	6/1/2001
Dibromomethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Dibromomethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	3/14/2003
Dichlorodifluoromethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Dichlorodifluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Dichloromethane (DCM, Methylene chloride)	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Dichloromethane (DCM, Methylene chloride)	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Dieldrin	EPA 505	Group I Unregulated Contaminants	NELAP	6/1/2001
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.4	Synthetic Organic Contaminants	NELAP	1/2/2007
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	6/1/2001
Endothall	EPA 548.1	Synthetic Organic Contaminants	NELAP	6/1/2001
Endrin	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
Enterococci	EPA 1600	Microbiology	NELAP	5/28/2010
Escherichia coli	COLITAG	Microbiology	NELAP	11/10/2005
Ethylbenzene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Fluoride	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	6/1/2001
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
Glyphosate	EPA 547	Synthetic Organic Contaminants	NELAP	6/1/2001
Heptachlor	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
Heptachlor epoxide	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	6/21/2010
Hexachlorobenzene	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
Hexachlorobutadiene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012



Rick Scott
Governor

H. Frank Farmer, Jr., M.D., Ph.D.
State Surgeon General
Page 5 of 32

Laboratory Scope of Accreditation

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Hexachlorobutadiene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Hexachlorocyclopentadiene	EPA 505	Synthetic Organic Contaminants	NELAP	6/8/2006
Hexachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Iodomethane (Methyl iodide)	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	6/1/2001
Isopropylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Isopropylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Lead	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	4/9/2009
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	6/1/2001
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	6/1/2001
Methomyl (Lannate)	EPA 531.1	Group I Unregulated Contaminants	NELAP	10/23/2003
Methoxychlor	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
Methyl bromide (Bromomethane)	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Methyl chloride (Chloromethane)	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Methyl chloride (Chloromethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Methyl tert-butyl ether (MTBE)	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Methyl tert-butyl ether (MTBE)	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Metolachlor	EPA 507	Group I Unregulated Contaminants	NELAP	6/1/2001
Metribuzin	EPA 507	Group I Unregulated Contaminants	NELAP	6/1/2001
n-Butylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
n-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	6/1/2001
Nickel	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	6/1/2001
Nitrate as N	EPA 353.2	Primary Inorganic Contaminants	NELAP	3/29/2006
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	6/1/2001
Nitrite as N	EPA 353.2	Primary Inorganic Contaminants	NELAP	3/29/2006
n-Propylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
n-Propylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	6/1/2001
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	6/1/2001
Oxamyl	EPA 531.1	Synthetic Organic Contaminants	NELAP	6/1/2001
PCBs	EPA 505	Synthetic Organic Contaminants	NELAP	4/6/2011
Pentachlorophenol	EPA 515.4	Synthetic Organic Contaminants	NELAP	1/2/2007
pH	SM 4500-H+-B	Primary Inorganic Contaminants	NELAP	4/9/2009

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Issue Date: 7/1/2011

Expiration Date: 6/30/2012



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Laboratory Scope of Accreditation

Attachment to Certificate #: E83018-34, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83018

EPA Lab Code:

FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Picloram	EPA 515.4	Synthetic Organic Contaminants	NELAP	1/2/2007
sec-Butylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
sec-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Selenium	EPA 200.8	Primary Inorganic Contaminants	NELAP	3/1/2002
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	6/1/2001
Silver	EPA 200.8	Secondary Inorganic Contaminants	NELAP	6/1/2001
Silvex (2,4,5-TP)	EPA 515.4	Synthetic Organic Contaminants	NELAP	1/2/2007
Simazine	EPA 507	Synthetic Organic Contaminants	NELAP	3/1/2002
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	6/1/2001
Styrene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Sulfate	EPA 300.0	Primary Inorganic Contaminants, Secondary Inorganic Contaminants	NELAP	6/1/2001
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	6/1/2001
tert-Butylbenzene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
tert-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Tetrachloroethylene (Perchloroethylene)	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Thallium	EPA 200.8	Primary Inorganic Contaminants	NELAP	6/1/2001
Toluene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Total coliforms	COLITAG	Microbiology	NELAP	11/10/2005
Total coliforms	SM 9222 B	Microbiology	NELAP	3/22/2002
Total dissolved solids	SM 2540 C	Secondary Inorganic Contaminants	NELAP	6/1/2001
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	5/15/2003
Total nitrate-nitrite	EPA 353.2	Primary Inorganic Contaminants	NELAP	3/29/2006
Total organic carbon	SM 5310 B	Primary Inorganic Contaminants	NELAP	3/29/2006
Total trihalomethanes	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Toxaphene (Chlorinated camphene)	EPA 505	Synthetic Organic Contaminants	NELAP	6/1/2001
trans-1,2-Dichloroethylene	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
trans-1,3-Dichloropropylene	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
trans-1,3-Dichloropropylene	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants	NELAP	3/14/2003
Trichloroethene (Trichloroethylene)	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001

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State Laboratory ID: E83018 EPA Lab Code: FL00091 (407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Trichloroethene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Trichlorofluoromethane	EPA 502.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Trichlorofluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	6/1/2001
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	3/14/2003
Vanadium	EPA 200.8	Secondary Inorganic Contaminants	NELAP	11/10/2005
Vinyl chloride	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Xylene (total)	EPA 502.2	Other Regulated Contaminants	NELAP	6/1/2001
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	6/1/2001
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	6/1/2001
Zinc	EPA 200.8	Secondary Inorganic Contaminants	NELAP	6/1/2001

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	11/10/2005
1,1,1-Trichloroethane	EPA 601	Volatile Organics	NELAP	6/1/2001
1,1,1-Trichloroethane	EPA 624	Volatile Organics	NELAP	6/1/2001
1,1,1-Trichloroethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,2,2-Tetrachloroethane	EPA 601	Volatile Organics	NELAP	6/1/2001
1,1,2,2-Tetrachloroethane	EPA 624	Volatile Organics	NELAP	6/1/2001
1,1,2,2-Tetrachloroethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,2-Trichloroethane	EPA 601	Volatile Organics	NELAP	6/1/2001
1,1,2-Trichloroethane	EPA 624	Volatile Organics	NELAP	6/1/2001
1,1,2-Trichloroethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethane	EPA 601	Volatile Organics	NELAP	6/1/2001
1,1-Dichloroethane	EPA 624	Volatile Organics	NELAP	6/1/2001
1,1-Dichloroethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethylene	EPA 601	Volatile Organics	NELAP	6/1/2001
1,1-Dichloroethylene	EPA 624	Volatile Organics	NELAP	6/1/2001
1,1-Dichloroethylene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloropropene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichlorobenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichloropropane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,4-Trichlorobenzene	EPA 625	Extractable Organics	NELAP	6/1/2001
1,2,4-Trichlorobenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,2,4-Trimethylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	Volatile Organics	NELAP	7/1/2003
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8021	Volatile Organics	NELAP	7/1/2003

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Laboratory Scope of Accreditation

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	Volatile Organics	NELAP	7/1/2003
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichlorobenzene	EPA 602	Volatile Organics	NELAP	6/1/2001
1,2-Dichlorobenzene	EPA 624	Volatile Organics	NELAP	6/1/2001
1,2-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	6/1/2001
1,2-Dichlorobenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,2-Dichloroethane	EPA 601	Volatile Organics	NELAP	6/1/2001
1,2-Dichloroethane	EPA 624	Volatile Organics	NELAP	6/1/2001
1,2-Dichloroethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichloropropane	EPA 601	Volatile Organics	NELAP	6/1/2001
1,2-Dichloropropane	EPA 624	Volatile Organics	NELAP	6/1/2001
1,2-Dichloropropane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,3,5-Trimethylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,3-Dichlorobenzene	EPA 602	Volatile Organics	NELAP	6/1/2001
1,3-Dichlorobenzene	EPA 624	Volatile Organics	NELAP	6/1/2001
1,3-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	6/1/2001
1,3-Dichlorobenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1,3-Dichloropropane	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,4-Dichlorobenzene	EPA 602	Volatile Organics	NELAP	6/1/2001
1,4-Dichlorobenzene	EPA 624	Volatile Organics	NELAP	6/1/2001
1,4-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	6/1/2001
1,4-Dichlorobenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
1-Methylnaphthalene (added to method at FDEP request)	EPA 8270	Extractable Organics	NELAP	3/24/2008
2,2-Dichloropropane	EPA 8021	Volatile Organics	NELAP	7/1/2003

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Laboratory Scope of Accreditation

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
2,4,5-T	EPA 615	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	11/10/2005
2,4,6-Trichlorophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-D	EPA 615	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
2,4-DB	EPA 615	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
2,4-Dichlorophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-Dimethylphenol	EPA 625	Extractable Organics	NELAP	6/1/2001
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-Dinitrophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,4-Dinitrotoluene (2,4-DNT)	EPA 625	Extractable Organics	NELAP	11/8/2001
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	7/1/2003
2,6-Dinitrotoluene (2,6-DNT)	EPA 625	Extractable Organics	NELAP	6/1/2001
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Chloroethyl vinyl ether	EPA 624	Volatile Organics	NELAP	6/1/2001
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Chloronaphthalene	EPA 625	Extractable Organics	NELAP	6/1/2001
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Chlorophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Chlorotoluene	EPA 8021	Volatile Organics	NELAP	7/1/2003
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Hexanone	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Methyl-4,6-dinitrophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	7/1/2003
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	11/10/2005
2-Nitrophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
3,3'-Dichlorobenzidine	EPA 625	Extractable Organics	NELAP	6/1/2001
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
3/4-Methylphenols (m/p-Cresols)	EPA 8270	Extractable Organics	NELAP	11/10/2005
4,4'-DDD	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4,4'-DDE	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4,4'-DDT	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4-Bromophenyl phenyl ether	EPA 625	Extractable Organics	NELAP	6/1/2001
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Chloro-3-methylphenol	EPA 625	Extractable Organics	NELAP	6/1/2001
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Chlorophenyl phenylether	EPA 625	Extractable Organics	NELAP	6/1/2001
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	7/1/2003
4-Chlorotoluene	EPA 8021	Volatile Organics	NELAP	7/1/2003
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
4-Methyl-2-pentanone (MIBK)	EPA 1666	Volatile Organics	NELAP	6/1/2001
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	11/10/2005
4-Nitrophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
Acenaphthene	EPA 625	Extractable Organics	NELAP	6/1/2001
Acenaphthene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Acenaphthylene	EPA 625	Extractable Organics	NELAP	6/1/2001
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Acetone	EPA 8260	Volatile Organics	NELAP	7/1/2003
Acrolein (Propenal)	EPA 624	Volatile Organics	NELAP	2/23/2005
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	2/23/2005
Acrylonitrile	EPA 624	Volatile Organics	NELAP	2/23/2005
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	2/23/2005
Aldrin	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Alkalinity as CaCO3	SM 2320 B	General Chemistry	NELAP	4/4/2007
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aluminum	EPA 200.7	Metals	NELAP	6/1/2001

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EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aluminum	EPA 200.8	Metals	NELAP	6/1/2001
Aluminum	EPA 6010	Metals	NELAP	7/1/2003
Aluminum	EPA 6020	Metals	NELAP	7/1/2003
Ammonia as N	EPA 350.1	General Chemistry	NELAP	6/1/2001
Anthracene	EPA 625	Extractable Organics	NELAP	11/8/2001
Anthracene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Antimony	EPA 200.7	Metals	NELAP	6/1/2001
Antimony	EPA 200.8	Metals	NELAP	6/1/2001
Antimony	EPA 6010	Metals	NELAP	11/10/2005
Antimony	EPA 6020	Metals	NELAP	11/10/2005
Aroclor-1016 (PCB-1016)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	11/8/2001
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1221 (PCB-1221)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	4/2/2002
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1232 (PCB-1232)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	11/8/2001
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1242 (PCB-1242)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	11/8/2001
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1248 (PCB-1248)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	11/8/2001
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1254 (PCB-1254)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	11/8/2001
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1260 (PCB-1260)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	11/8/2001
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Arsenic	EPA 200.7	Metals	NELAP	11/10/2005
Arsenic	EPA 200.8	Metals	NELAP	6/1/2001
Arsenic	EPA 6010	Metals	NELAP	11/10/2005
Arsenic	EPA 6020	Metals	NELAP	6/1/2001
Azinphos-methyl (Guthion)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Barium	EPA 200.8	Metals	NELAP	6/1/2001
Barium	EPA 6020	Metals	NELAP	7/1/2003
Benzene	EPA 602	Volatile Organics	NELAP	6/1/2001
Benzene	EPA 624	Volatile Organics	NELAP	6/1/2001
Benzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Benzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Benzidine	EPA 625	Extractable Organics	NELAP	6/1/2001

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Issue Date: 7/1/2011

Expiration Date: 6/30/2012



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Laboratory Scope of Accreditation

Attachment to Certificate #: E83018-34, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83018 EPA Lab Code: FL00091 (407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Benzidine	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(a)anthracene	EPA 625	Extractable Organics	NELAP	6/1/2001
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(a)pyrene	EPA 625	Extractable Organics	NELAP	6/1/2001
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(b)fluoranthene	EPA 625	Extractable Organics	NELAP	6/1/2001
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(g,h,i)perylene	EPA 625	Extractable Organics	NELAP	6/1/2001
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Benzo(k)fluoranthene	EPA 625	Extractable Organics	NELAP	11/8/2001
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Beryllium	EPA 200.7	Metals	NELAP	6/1/2001
Beryllium	EPA 200.8	Metals	NELAP	6/1/2001
Beryllium	EPA 6010	Metals	NELAP	7/1/2003
Beryllium	EPA 6020	Metals	NELAP	7/1/2003
beta-BHC (beta-Hexachlorocyclohexane)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Biochemical oxygen demand	SM 5210 B	General Chemistry	NELAP	4/4/2007
bis(2-Chloroethoxy)methane	EPA 625	Extractable Organics	NELAP	6/1/2001
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	7/1/2003
bis(2-Chloroethyl) ether	EPA 625	Extractable Organics	NELAP	6/1/2001
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	7/1/2003
bis(2-Chloroisopropyl) ether (2,2'-Oxybis(1-chloropropane))	EPA 625	Extractable Organics	NELAP	6/1/2001
bis(2-Chloroisopropyl) ether (2,2'-Oxybis(1-chloropropane))	EPA 8270	Extractable Organics	NELAP	7/1/2003
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 625	Extractable Organics	NELAP	6/1/2001
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	7/1/2003
Bolstar (Sulprofos)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Boron	EPA 200.7	Metals	NELAP	6/1/2001
Boron	EPA 6020	Metals	NELAP	11/10/2005
Bromide	EPA 300.0	General Chemistry	NELAP	6/1/2001
Bromobenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Bromobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromochloromethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromodichloromethane	EPA 601	Volatile Organics	NELAP	6/1/2001

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Laboratory Scope of Accreditation

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Bromodichloromethane	EPA 624	Volatile Organics	NELAP	6/1/2001
Bromodichloromethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromoform	EPA 601	Volatile Organics	NELAP	6/1/2001
Bromoform	EPA 624	Volatile Organics	NELAP	6/1/2001
Bromoform	EPA 8021	Volatile Organics	NELAP	7/1/2003
Bromoform	EPA 8260	Volatile Organics	NELAP	7/1/2003
Butyl benzyl phthalate	EPA 625	Extractable Organics	NELAP	6/1/2001
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Cadmium	EPA 200.7	Metals	NELAP	6/1/2001
Cadmium	EPA 200.8	Metals	NELAP	6/1/2001
Cadmium	EPA 6010	Metals	NELAP	6/1/2001
Cadmium	EPA 6020	Metals	NELAP	6/1/2001
Calcium	EPA 200.7	Metals	NELAP	6/1/2001
Calcium	EPA 6010	Metals	NELAP	7/1/2003
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	7/1/2003
Carbon tetrachloride	EPA 601	Volatile Organics	NELAP	6/1/2001
Carbon tetrachloride	EPA 624	Volatile Organics	NELAP	6/1/2001
Carbon tetrachloride	EPA 8021	Volatile Organics	NELAP	7/1/2003
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Carbonaceous BOD (CBOD)	SM 5210 B	General Chemistry	NELAP	6/1/2001
Chemical oxygen demand	EPA 410.4	General Chemistry	NELAP	6/1/2001
Chemical oxygen demand	HACH 8000	General Chemistry	NELAP	6/1/2001
Chlorate	EPA 300.0	General Chemistry	NELAP	6/1/2001
Chlordane (tech.)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Chloride	EPA 300.0	General Chemistry	NELAP	6/1/2001
Chloride	SM 4500-Cl E	General Chemistry	NELAP	4/4/2007
Chlorobenzene	EPA 602	Volatile Organics	NELAP	6/1/2001
Chlorobenzene	EPA 624	Volatile Organics	NELAP	6/1/2001
Chlorobenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chloroethane	EPA 601	Volatile Organics	NELAP	6/1/2001
Chloroethane	EPA 624	Volatile Organics	NELAP	6/1/2001
Chloroethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
Chloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003

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(407) 339-5984

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Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chloroform	EPA 601	Volatile Organics	NELAP	6/1/2001
Chloroform	EPA 624	Volatile Organics	NELAP	6/1/2001
Chloroform	EPA 8021	Volatile Organics	NELAP	7/1/2003
Chloroform	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chlorophylls	SM 10200 H	General Chemistry	NELAP	6/1/2001
Chlorpyrifos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Chlorpyrifos methyl	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	11/10/2005
Chromium	EPA 200.7	Metals	NELAP	6/1/2001
Chromium	EPA 200.8	Metals	NELAP	6/1/2001
Chromium	EPA 6010	Metals	NELAP	7/1/2003
Chromium	EPA 6020	Metals	NELAP	7/1/2003
Chromium VI	SM 3500-Cr B (20th/21st Ed.)UV-VIS	General Chemistry	NELAP	4/4/2007
Chrysene	EPA 625	Extractable Organics	NELAP	6/1/2001
Chrysene	EPA 8270	Extractable Organics	NELAP	7/1/2003
cis-1,2-Dichloroethylene	EPA 8021	Volatile Organics	NELAP	7/1/2003
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
cis-1,3-Dichloropropene	EPA 601	Volatile Organics	NELAP	6/1/2001
cis-1,3-Dichloropropene	EPA 624	Volatile Organics	NELAP	6/1/2001
cis-1,3-Dichloropropene	EPA 8021	Volatile Organics	NELAP	7/1/2003
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Cobalt	EPA 200.7	Metals	NELAP	6/1/2001
Cobalt	EPA 200.8	Metals	NELAP	6/1/2001
Cobalt	EPA 6010	Metals	NELAP	7/1/2003
Cobalt	EPA 6020	Metals	NELAP	7/1/2003
Color	SM 2120 B	General Chemistry	NELAP	4/4/2007
Copper	EPA 200.7	Metals	NELAP	6/1/2001
Copper	EPA 200.8	Metals	NELAP	6/1/2001
Copper	EPA 6010	Metals	NELAP	6/1/2001
Copper	EPA 6020	Metals	NELAP	6/1/2001
Corrosivity (langlier index)	SM 2330 B	General Chemistry	NELAP	6/1/2001
Coumaphos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Cyanide	SM 4500-CN E	General Chemistry	NELAP	4/4/2007
Dalapon	EPA 615	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
delta-BHC	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Demeton-o	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Demeton-s	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Diazinon	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	11/10/2005
Dibenz(a,h)anthracene	EPA 625	Extractable Organics	NELAP	6/1/2001
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Dibromochloromethane	EPA 601	Volatile Organics	NELAP	6/1/2001
Dibromochloromethane	EPA 624	Volatile Organics	NELAP	6/1/2001
Dibromochloromethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dibromomethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
Dibromomethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dicamba	EPA 615	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dichlorodifluoromethane	EPA 601	Volatile Organics	NELAP	6/1/2001
Dichlorodifluoromethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dichloroprop (Dichlorprop)	EPA 615	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dichloroprop (Dichlorprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dichlorovos (DDVP, Dichlorvos)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Dieldrin	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Diesel range organics (DRO)	EPA 8015	Extractable Organics	NELAP	7/1/2003
Diethyl phthalate	EPA 625	Extractable Organics	NELAP	6/1/2001
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Dimethyl phthalate	EPA 625	Extractable Organics	NELAP	6/1/2001
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Di-n-butyl phthalate	EPA 625	Extractable Organics	NELAP	6/1/2001
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Di-n-octyl phthalate	EPA 625	Extractable Organics	NELAP	6/1/2001
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	7/1/2003
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 615	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Disulfoton	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endosulfan I	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endosulfan II	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endosulfan sulfate	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endrin	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endrin aldehyde	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Enterococci	EPA 1600	Microbiology	NELAP	11/10/2005
Ethion	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	3/24/2008
Ethoprop	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Ethyl acetate	EPA 1666	Volatile Organics	NELAP	6/1/2001
Ethylbenzene	EPA 602	Volatile Organics	NELAP	6/1/2001
Ethylbenzene	EPA 624	Volatile Organics	NELAP	6/1/2001
Ethylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Fecal coliforms	SM 9222 D	Microbiology	NELAP	6/1/2001
Fensulfothion	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Fenthion	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Fluoranthene	EPA 625	Extractable Organics	NELAP	6/1/2001
Fluoranthene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Fluorene	EPA 625	Extractable Organics	NELAP	6/1/2001
Fluorene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Fluoride	EPA 300.0	General Chemistry	NELAP	6/1/2001
Fluoride	SM 4500 F-C	General Chemistry	NELAP	4/4/2007
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Gasoline range organics (GRO)	EPA 8015	Extractable Organics	NELAP	7/1/2003
Hardness	SM 2340 C	General Chemistry	NELAP	4/4/2007
Heptachlor	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Heptachlor epoxide	EPA 608	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Hexachlorobenzene	EPA 625	Extractable Organics	NELAP	6/1/2001
Hexachlorobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003

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State Laboratory ID: E83018

EPA Lab Code:

FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Hexachlorobutadiene	EPA 625	Extractable Organics	NELAP	6/1/2001
Hexachlorobutadiene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Hexachlorocyclopentadiene	EPA 625	Extractable Organics	NELAP	6/1/2001
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Hexachloroethane	EPA 625	Extractable Organics	NELAP	6/1/2001
Hexachloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	7/1/2003
Hydrogen sulfide, un-ionized (calculation)	SM 4500-S H (21st Ed.)	General Chemistry	NELAP	2/23/2005
Ignitability	EPA 1010	General Chemistry	NELAP	7/1/2003
Indeno(1,2,3-cd)pyrene	EPA 625	Extractable Organics	NELAP	6/1/2001
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Iron	EPA 200.7	Metals	NELAP	6/1/2001
Iron	EPA 6010	Metals	NELAP	7/1/2003
Isophorone	EPA 625	Extractable Organics	NELAP	6/1/2001
Isophorone	EPA 8270	Extractable Organics	NELAP	7/1/2003
Isopropanol	EPA 1666	Volatile Organics	NELAP	6/1/2001
Isopropyl acetate	EPA 1666	Volatile Organics	NELAP	6/1/2001
Isopropyl ether	EPA 1666	Volatile Organics	NELAP	6/1/2001
Isopropylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Kjeldahl nitrogen - total	EPA 351.2	General Chemistry	NELAP	6/1/2001
Lead	EPA 200.7	Metals	NELAP	6/1/2001
Lead	EPA 200.8	Metals	NELAP	6/1/2001
Lead	EPA 6010	Metals	NELAP	11/10/2005
Lead	EPA 6020	Metals	NELAP	6/1/2001
Lithium	EPA 200.7	Metals	NELAP	10/12/2004
Magnesium	EPA 200.7	Metals	NELAP	6/1/2001
Magnesium	EPA 6010	Metals	NELAP	7/1/2003
Malathion	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	11/10/2005
Manganese	EPA 200.7	Metals	NELAP	6/1/2001
Manganese	EPA 6010	Metals	NELAP	7/1/2003
MCPA	EPA 615	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012



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Laboratory Scope of Accreditation

Attachment to Certificate #: E83018-34, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
MCPP	EPA 615	Pesticides-Herbicides-PCB's	NELAP	10/20/2000
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Mercury	EPA 245.1	Metals	NELAP	6/1/2001
Mercury	EPA 7470	Metals	NELAP	6/1/2001
Merphos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Methyl bromide (Bromomethane)	EPA 601	Volatile Organics	NELAP	6/1/2001
Methyl bromide (Bromomethane)	EPA 624	Volatile Organics	NELAP	6/1/2001
Methyl bromide (Bromomethane)	EPA 8021	Volatile Organics	NELAP	7/1/2003
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl chloride (Chloromethane)	EPA 601	Volatile Organics	NELAP	6/1/2001
Methyl chloride (Chloromethane)	EPA 624	Volatile Organics	NELAP	6/1/2001
Methyl chloride (Chloromethane)	EPA 8021	Volatile Organics	NELAP	7/1/2003
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl formate	EPA 1666	Volatile Organics	NELAP	6/1/2001
Methyl parathion (Parathion, methyl)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Methyl tert-butyl ether (MTBE)	EPA 8021	Volatile Organics	NELAP	7/1/2003
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methylene chloride	EPA 601	Volatile Organics	NELAP	6/1/2001
Methylene chloride	EPA 624	Volatile Organics	NELAP	6/1/2001
Methylene chloride	EPA 8021	Volatile Organics	NELAP	7/1/2003
Methylene chloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Mevinphos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Molybdenum	EPA 200.7	Metals	NELAP	6/1/2001
Molybdenum	EPA 200.8	Metals	NELAP	6/1/2001
Molybdenum	EPA 6010	Metals	NELAP	7/1/2003
Molybdenum	EPA 6020	Metals	NELAP	11/10/2005
Naled	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
n-Amyl acetate	EPA 1666	Volatile Organics	NELAP	6/1/2001
Naphthalene	EPA 625	Extractable Organics	NELAP	6/1/2001
Naphthalene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Naphthalene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Naphthalene	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Butylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
n-Heptane	EPA 1666	Volatile Organics	NELAP	6/1/2001

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
n-Hexane	EPA 1666	Volatile Organics	NELAP	6/1/2001
Nickel	EPA 200.7	Metals	NELAP	6/1/2001
Nickel	EPA 200.8	Metals	NELAP	6/1/2001
Nickel	EPA 6010	Metals	NELAP	6/1/2001
Nickel	EPA 6020	Metals	NELAP	6/1/2001
Nitrate as N	EPA 300.0	General Chemistry	NELAP	6/1/2001
Nitrate as N	EPA 353.2	General Chemistry	NELAP	3/29/2006
Nitrite as N	EPA 300.0	General Chemistry	NELAP	6/1/2001
Nitrite as N	EPA 353.2	General Chemistry	NELAP	4/4/2007
Nitrobenzene	EPA 625	Extractable Organics	NELAP	6/1/2001
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosodimethylamine	EPA 625	Extractable Organics	NELAP	6/1/2001
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosodi-n-propylamine	EPA 625	Extractable Organics	NELAP	6/1/2001
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Nitrosodiphenylamine	EPA 625	Extractable Organics	NELAP	6/1/2001
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	7/1/2003
n-Propylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Oil & Grease	EPA 1664A	General Chemistry	NELAP	6/1/2001
Organic nitrogen	EPA 351.2 - EPA 350.1	General Chemistry	NELAP	10/20/2000
Orthophosphate as P	EPA 300.0	General Chemistry	NELAP	6/1/2001
Orthophosphate as P	EPA 365.1	General Chemistry	NELAP	2/23/2005
Parathion, ethyl	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	3/24/2008
Pentachlorophenol	EPA 625	Extractable Organics	NELAP	6/1/2001
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
pH	SM 4500-H++-B	General Chemistry	NELAP	4/4/2007
Phenanthrene	EPA 625	Extractable Organics	NELAP	6/1/2001
Phenanthrene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Phenol	EPA 625	Extractable Organics	NELAP	6/1/2001
Phenol	EPA 8270	Extractable Organics	NELAP	7/1/2003
Phorate	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Phosphorus, total	EPA 365.1	General Chemistry	NELAP	11/10/2010
Phosphorus, total	EPA 365.4	General Chemistry	NELAP	4/28/2003
Picloram	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
p-Isopropyltoluene	EPA 8021	Volatile Organics	NELAP	7/1/2003

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State Laboratory ID: E83018 EPA Lab Code: FL00091 (407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Potassium	EPA 200.7	Metals	NELAP	6/1/2001
Potassium	EPA 6010	Metals	NELAP	6/1/2001
Pyrene	EPA 625	Extractable Organics	NELAP	6/1/2001
Pyrene	EPA 8270	Extractable Organics	NELAP	7/1/2003
Residue-filterable (TDS)	SM 2540 C	General Chemistry	NELAP	4/4/2007
Residue-nonfilterable (TSS)	SM 2540 D	General Chemistry	NELAP	4/4/2007
Residue-total	SM 2540 B	General Chemistry	NELAP	4/4/2007
Residue-volatile	EPA 160.4	General Chemistry	NELAP	6/1/2001
Ronnel	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
sec-Butylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Selenium	EPA 200.7	Metals	NELAP	11/10/2005
Selenium	EPA 200.8	Metals	NELAP	6/1/2001
Selenium	EPA 6010	Metals	NELAP	6/1/2001
Selenium	EPA 6020	Metals	NELAP	11/10/2005
Silicon	EPA 200.7	Metals	NELAP	6/1/2001
Silver	EPA 200.7	Metals	NELAP	6/1/2001
Silver	EPA 200.8	Metals	NELAP	6/1/2001
Silver	EPA 6010	Metals	NELAP	7/1/2003
Silver	EPA 6020	Metals	NELAP	7/1/2003
Silvex (2,4,5-TP)	EPA 615	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Sodium	EPA 200.7	Metals	NELAP	6/1/2001
Sodium	EPA 6010	Metals	NELAP	7/1/2003
Stirofos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Strontium	EPA 200.7	Metals	NELAP	11/10/2005
Strontium	EPA 6020	Metals	NELAP	11/10/2005
Styrene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Styrene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Sulfate	EPA 300.0	General Chemistry	NELAP	6/1/2001
Sulfate	EPA 375.2	General Chemistry	NELAP	1/2/2007
Sulfide	SM 4500-S F (20th/21st Ed.)	General Chemistry	NELAP	4/4/2007
Surfactants - MBAS	SM 5540 C	General Chemistry	NELAP	6/1/2001
tert-Butyl alcohol	EPA 1666	Volatile Organics	NELAP	6/1/2001
tert-Butyl alcohol	EPA 8260	Volatile Organics	NELAP	7/1/2003

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State Laboratory ID: E83018 EPA Lab Code: FL00091 (407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
tert-Butylbenzene	EPA 8021	Volatile Organics	NELAP	7/1/2003
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Tetrachloroethylene (Perchloroethylene)	EPA 601	Volatile Organics	NELAP	6/1/2001
Tetrachloroethylene (Perchloroethylene)	EPA 624	Volatile Organics	NELAP	6/1/2001
Tetrachloroethylene (Perchloroethylene)	EPA 8021	Volatile Organics	NELAP	7/1/2003
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Tetrahydrofuran (THF)	EPA 1666	Volatile Organics	NELAP	6/1/2001
Thallium	EPA 200.7	Metals	NELAP	11/10/2005
Thallium	EPA 200.8	Metals	NELAP	6/1/2001
Thallium	EPA 6010	Metals	NELAP	7/1/2003
Thallium	EPA 6020	Metals	NELAP	7/1/2003
Tin	EPA 200.7	Metals	NELAP	3/14/2003
Tin	EPA 6010	Metals	NELAP	11/10/2005
Tin	EPA 6020	Metals	NELAP	11/10/2005
Titanium	EPA 200.7	Metals	NELAP	6/1/2001
Titanium	EPA 6010	Metals	NELAP	11/10/2005
Titanium	EPA 6020	Metals	NELAP	11/10/2005
Tokuthion (Prothiophos)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Toluene	EPA 602	Volatile Organics	NELAP	6/1/2001
Toluene	EPA 624	Volatile Organics	NELAP	6/1/2001
Toluene	EPA 8021	Volatile Organics	NELAP	7/1/2003
Toluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Total coliforms	SM 9222 B	Microbiology	NELAP	3/15/2002
Total hardness as CaCO3	SM 2340 B	Metals	NELAP	6/1/2001
Total nitrate-nitrite	EPA 353.2	General Chemistry	NELAP	1/2/2007
Total organic carbon	SM 5310 B	General Chemistry	NELAP	4/4/2007
Total Petroleum Hydrocarbons (TPH)	EPA 1664A	General Chemistry	NELAP	6/1/2001
Total Petroleum Hydrocarbons (TPH)	FL-PRO	Extractable Organics	NELAP	7/1/2003
Total phenolics	EPA 420.1	General Chemistry	NELAP	6/1/2001
Total residual chlorine	SM 4500-CI G	General Chemistry	NELAP	3/24/2008
Total, fixed, and volatile residue	SM 2540 G	General Chemistry	NELAP	6/1/2001
Toxaphene (Chlorinated camphene)	EPA 608	Pesticides-Herbicides-PCB's	NELAP	11/29/2001
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
trans-1,2-Dichloroethylene	EPA 601	Volatile Organics	NELAP	6/1/2001
trans-1,2-Dichloroethylene	EPA 624	Volatile Organics	NELAP	6/1/2001
trans-1,2-Dichloroethylene	EPA 8021	Volatile Organics	NELAP	7/1/2003

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Issue Date: 7/1/2011

Expiration Date: 6/30/2012



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Laboratory Scope of Accreditation

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State Laboratory ID: E83018

EPA Lab Code: FL00021

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
trans-1,3-Dichloropropylene	EPA 601	Volatile Organics	NELAP	6/1/2001
trans-1,3-Dichloropropylene	EPA 624	Volatile Organics	NELAP	6/1/2001
trans-1,3-Dichloropropylene	EPA 8021	Volatile Organics	NELAP	7/1/2003
trans-1,3-Dichloropropylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Trichloroethene (Trichloroethylene)	EPA 601	Volatile Organics	NELAP	6/1/2001
Trichloroethene (Trichloroethylene)	EPA 624	Volatile Organics	NELAP	6/1/2001
Trichloroethene (Trichloroethylene)	EPA 8021	Volatile Organics	NELAP	7/1/2003
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Trichlorofluoromethane	EPA 601	Volatile Organics	NELAP	6/1/2001
Trichlorofluoromethane	EPA 624	Volatile Organics	NELAP	6/1/2001
Trichlorofluoromethane	EPA 8021	Volatile Organics	NELAP	7/1/2003
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Trichloronate	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Turbidity	EPA 180.1	General Chemistry	NELAP	6/1/2001
Un-ionized Ammonia	DEP SOP 10/03/83	General Chemistry	NELAP	10/20/2000
Vanadium	EPA 200.7	Metals	NELAP	6/1/2001
Vanadium	EPA 200.8	Metals	NELAP	3/14/2003
Vanadium	EPA 6010	Metals	NELAP	11/10/2005
Vanadium	EPA 6020	Metals	NELAP	11/10/2005
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	7/1/2003
Vinyl chloride	EPA 601	Volatile Organics	NELAP	6/1/2001
Vinyl chloride	EPA 624	Volatile Organics	NELAP	6/1/2001
Vinyl chloride	EPA 8021	Volatile Organics	NELAP	7/1/2003
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Xylene (total)	EPA 602	Volatile Organics	NELAP	3/14/2003
Xylene (total)	EPA 624	Volatile Organics	NELAP	3/14/2003
Xylene (total)	EPA 8021	Volatile Organics	NELAP	7/1/2003
Xylene (total)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Zinc	EPA 200.7	Metals	NELAP	6/1/2001
Zinc	EPA 200.8	Metals	NELAP	6/1/2001
Zinc	EPA 6010	Metals	NELAP	6/1/2001
Zinc	EPA 6020	Metals	NELAP	7/1/2003

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Issue Date: 7/1/2011

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8021	Volatile Organics	NELAP	10/20/2000
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	10/23/2003
1,1,1-Trichloroethane	EPA 8021	Volatile Organics	NELAP	11/8/2001
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	11/8/2001
1,1,2,2-Tetrachloroethane	EPA 8021	Volatile Organics	NELAP	11/8/2001
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	11/8/2001
1,1,2-Trichloroethane	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,1-Dichloroethane	EPA 8021	Volatile Organics	NELAP	11/8/2001
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	11/8/2001
1,1-Dichloroethylene	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,1-Dichloropropene	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,2,3-Trichlorobenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,2,3-Trichloropropane	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,2,4-Trichlorobenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	6/1/2001
1,2,4-Trimethylbenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,2-Dichlorobenzene	EPA 8021	Volatile Organics	NELAP	11/8/2001
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	11/8/2001
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	11/8/2001
1,2-Dichloroethane	EPA 8021	Volatile Organics	NELAP	11/8/2001
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	11/8/2001
1,2-Dichloropropane	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,3,5-Trimethylbenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001

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Issue Date: 7/1/2011

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,3-Dichlorobenzene	EPA 8021	Volatile Organics	NELAP	11/8/2001
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	11/8/2001
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	11/8/2001
1,3-Dichloropropane	EPA 8021	Volatile Organics	NELAP	6/1/2001
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	6/1/2001
1,4-Dichlorobenzene	EPA 8021	Volatile Organics	NELAP	11/8/2001
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	11/8/2001
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	11/8/2001
1-Methylnaphthalene (added to method at FDEP request)	EPA 8270	Extractable Organics	NELAP	3/24/2008
2,2-Dichloropropane	EPA 8021	Volatile Organics	NELAP	6/1/2001
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	6/1/2001
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	8/29/2002
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	10/23/2003
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	6/1/2001
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	6/1/2001
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	6/1/2001
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	6/1/2001
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	6/1/2001
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
2-Chlorotoluene	EPA 8021	Volatile Organics	NELAP	6/1/2001
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	6/1/2001
2-Hexanone	EPA 8260	Volatile Organics	NELAP	6/1/2001
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	6/1/2001
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	10/23/2003
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	6/1/2001
3/4-Methylphenols (m/p-Cresols)	EPA 8270	Extractable Organics	NELAP	11/10/2005
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	9/18/2003
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	9/18/2003
4-Chlorotoluene	EPA 8021	Volatile Organics	NELAP	6/1/2001
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	6/1/2001
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	10/23/2003
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
Acenaphthene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	6/1/2001
Acetone	EPA 8260	Volatile Organics	NELAP	6/1/2001
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Aluminum	EPA 6010	Metals	NELAP	8/29/2002
Aluminum	EPA 6020	Metals	NELAP	8/29/2002
Anthracene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Antimony	EPA 6020	Metals	NELAP	11/10/2005
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	3/14/2003
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	3/14/2003
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	3/14/2003
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	3/14/2003
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	3/14/2003
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Arsenic	EPA 6010	Metals	NELAP	11/10/2005
Arsenic	EPA 6020	Metals	NELAP	3/1/2002
Azinphos-methyl (Guthion)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Barium	EPA 6010	Metals	NELAP	6/1/2001
Barium	EPA 6020	Metals	NELAP	6/1/2001
Benzene	EPA 8021	Volatile Organics	NELAP	11/8/2001
Benzene	EPA 8260	Volatile Organics	NELAP	11/8/2001
Benzidine	EPA 8270	Extractable Organics	NELAP	6/1/2001
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	6/1/2001
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	6/1/2001

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Beryllium	EPA 6010	Metals	NELAP	3/1/2002
Beryllium	EPA 6020	Metals	NELAP	3/1/2002
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	6/1/2001
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	11/29/2002
bis(2-Chloroisopropyl) ether (2,2'-Oxybis(1-chloropropane))	EPA 8270	Extractable Organics	NELAP	6/1/2001
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	6/1/2001
Bolstar (Sulprofos)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Boron	EPA 6010	Metals	NELAP	11/10/2005
Boron	EPA 6020	Metals	NELAP	11/10/2005
Bromobenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
Bromobenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Bromochloromethane	EPA 8021	Volatile Organics	NELAP	6/1/2001
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	6/1/2001
Bromodichloromethane	EPA 8021	Volatile Organics	NELAP	11/8/2001
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	11/8/2001
Bromoform	EPA 8021	Volatile Organics	NELAP	11/8/2001
Bromoform	EPA 8260	Volatile Organics	NELAP	11/8/2001
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	6/1/2001
Cadmium	EPA 6010	Metals	NELAP	6/1/2001
Cadmium	EPA 6020	Metals	NELAP	6/1/2001
Calcium	EPA 6010	Metals	NELAP	11/29/2002
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	6/1/2001
Carbon tetrachloride	EPA 8021	Volatile Organics	NELAP	11/8/2001
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	11/8/2001
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Chlorobenzene	EPA 8021	Volatile Organics	NELAP	11/8/2001
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	11/8/2001
Chloroethane	EPA 8021	Volatile Organics	NELAP	10/20/2000
Chloroethane	EPA 8260	Volatile Organics	NELAP	11/8/2001
Chloroform	EPA 8021	Volatile Organics	NELAP	11/8/2001
Chloroform	EPA 8260	Volatile Organics	NELAP	11/8/2001
Chlorpyrifos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Chromium	EPA 6010	Metals	NELAP	6/1/2001
Chromium	EPA 6020	Metals	NELAP	6/1/2001

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E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chrysene	EPA 8270	Extractable Organics	NELAP	6/1/2001
cis-1,2-Dichloroethylene	EPA 8021	Volatile Organics	NELAP	6/1/2001
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	6/1/2001
cis-1,3-Dichloropropene	EPA 8021	Volatile Organics	NELAP	6/1/2001
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Cobalt	EPA 6020	Metals	NELAP	3/1/2002
Copper	EPA 6020	Metals	NELAP	3/1/2002
Coumaphos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Demeton-o	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Diazinon	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Dibromochloromethane	EPA 8021	Volatile Organics	NELAP	3/14/2003
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	3/14/2003
Dibromomethane	EPA 8021	Volatile Organics	NELAP	6/1/2001
Dibromomethane	EPA 8260	Volatile Organics	NELAP	6/1/2001
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Dichlorodifluoromethane	EPA 8021	Volatile Organics	NELAP	6/1/2001
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	6/1/2001
Dichloroprop (Dichlorprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dichlorovos (DDVP, Dichlorvos)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	6/1/2001
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	6/1/2001
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	6/1/2001
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	6/1/2001
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Disulfoton	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Ethoprop	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001

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State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Ethylbenzene	EPA 8021	Volatile Organics	NELAP	11/8/2001
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	11/8/2001
Fecal coliforms	SM 9221 E	Microbiology	NELAP	11/10/2005
Fensulfothion	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Fenthion	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Fluoranthene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Fluorene	EPA 8270	Extractable Organics	NELAP	6/1/2001
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Hexachlorobenzene	EPA 8270	Extractable Organics	NELAP	6/1/2001
Hexachlorobutadiene	EPA 8021	Volatile Organics	NELAP	6/1/2001
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	6/1/2001
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	6/1/2001
Hexachloroethane	EPA 8260	Volatile Organics	NELAP	6/1/2001
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	6/1/2001
Ignitability	EPA 1010	General Chemistry	NELAP	6/1/2001
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	6/1/2001
Iron	EPA 6010	Metals	NELAP	11/29/2002
Isophorone	EPA 8270	Extractable Organics	NELAP	6/1/2001
Isopropylbenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Kjeldahl nitrogen - total	EPA 351.2	General Chemistry	NELAP	1/2/2007
Lead	EPA 6010	Metals	NELAP	11/10/2005
Lead	EPA 6020	Metals	NELAP	6/1/2001
Magnesium	EPA 6010	Metals	NELAP	11/29/2002
Manganese	EPA 6010	Metals	NELAP	3/1/2002
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	10/20/2000
Mercury	EPA 7471	Metals	NELAP	3/14/2003
Merphos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/14/2003
Methyl bromide (Bromomethane)	EPA 8021	Volatile Organics	NELAP	10/20/2000
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	11/8/2001

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E83018
Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Methyl chloride (Chloromethane)	EPA 8021	Volatile Organics	NELAP	6/1/2001
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	6/1/2001
Methyl parathion (Parathion, methyl)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Methyl tert-butyl ether (MTBE)	EPA 8021	Volatile Organics	NELAP	11/8/2001
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	6/1/2001
Methylene chloride	EPA 8021	Volatile Organics	NELAP	11/8/2001
Methylene chloride	EPA 8260	Volatile Organics	NELAP	11/8/2001
Mevinphos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Molybdenum	EPA 6010	Metals	NELAP	3/14/2003
Molybdenum	EPA 6020	Extractable Organics	NELAP	11/10/2005
Naled	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Naphthalene	EPA 8021	Volatile Organics	NELAP	6/1/2001
Naphthalene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Naphthalene	EPA 8270	Extractable Organics	NELAP	6/1/2001
n-Butylbenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Nickel	EPA 6010	Metals	NELAP	6/1/2001
Nickel	EPA 6020	Metals	NELAP	6/1/2001
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	6/1/2001
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	6/1/2001
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	9/18/2003
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	6/1/2001
n-Propylbenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
Phenanthrene	EPA 8270	Extractable Organics	NELAP	6/1/2001
Phenol	EPA 8270	Extractable Organics	NELAP	6/1/2001
Phorate	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Phosphorus, total	EPA 365.4	General Chemistry	NELAP	1/2/2007
Picloram	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
p-Isopropyltoluene	EPA 8021	Volatile Organics	NELAP	6/1/2001
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Potassium	EPA 6010	Metals	NELAP	11/29/2002
Pyrene	EPA 8270	Extractable Organics	NELAP	11/8/2001
Pyridine	EPA 8270	Extractable Organics	NELAP	3/29/2006
Ronnel	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001

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481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
sec-Butylbenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Selenium	EPA 6010	Metals	NELAP	11/10/2005
Selenium	EPA 6020	Extractable Organics	NELAP	11/10/2005
Silver	EPA 6010	Metals	NELAP	6/1/2001
Silver	EPA 6020	Metals	NELAP	6/1/2001
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Sodium	EPA 6010	Metals	NELAP	3/1/2002
Stirofos	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Strontium	EPA 6010	Metals	NELAP	11/10/2005
Strontium	EPA 6020	Extractable Organics	NELAP	11/10/2005
Styrene	EPA 8021	Volatile Organics	NELAP	6/1/2001
Styrene	EPA 8260	Volatile Organics	NELAP	6/1/2001
tert-Butyl alcohol	EPA 8260	Volatile Organics	NELAP	6/1/2001
tert-Butylbenzene	EPA 8021	Volatile Organics	NELAP	6/1/2001
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Tetrachloroethylene (Perchloroethylene)	EPA 8021	Volatile Organics	NELAP	11/8/2001
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	11/8/2001
Thallium	EPA 6010	Metals	NELAP	3/1/2002
Thallium	EPA 6020	Metals	NELAP	3/1/2002
Titanium	EPA 6010	Metals	NELAP	11/10/2005
Tokuthion (Prothiophos)	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Toluene	EPA 8021	Volatile Organics	NELAP	11/8/2001
Toluene	EPA 8260	Volatile Organics	NELAP	11/8/2001
Total nitrate-nitrite	EPA 353.2	General Chemistry	NELAP	1/2/2007
Total Petroleum Hydrocarbons (TPH)	FL-PRO	Extractable Organics	NELAP	6/1/2001
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/1/2002
Toxicity Characteristic Leaching Procedure	EPA 1311	General Chemistry	NELAP	6/1/2001
trans-1,2-Dichloroethylene	EPA 8021	Volatile Organics	NELAP	6/1/2001
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	6/1/2001
trans-1,3-Dichloropropylene	EPA 8021	Volatile Organics	NELAP	6/1/2001
trans-1,3-Dichloropropylene	EPA 8260	Volatile Organics	NELAP	6/1/2001
Trichloroethene (Trichloroethylene)	EPA 8021	Volatile Organics	NELAP	11/8/2001
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	11/8/2001
Trichlorofluoromethane	EPA 8021	Volatile Organics	NELAP	6/1/2001
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	6/1/2001

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012



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Governor

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Laboratory Scope of Accreditation

Attachment to Certificate #: E83018-34, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E83018

EPA Lab Code: FL00091

(407) 339-5984

E83018

Flowers Chemical Laboratories
481 Newburyport Avenue
Altamonte Springs, FL 32701

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Trichloronate	EPA 8141	Pesticides-Herbicides-PCB's	NELAP	6/1/2001
Vanadium	EPA 6020	Metals	NELAP	11/10/2005
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	6/1/2001
Vinyl chloride	EPA 8021	Volatile Organics	NELAP	6/1/2001
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	6/1/2001
Xylene (total)	EPA 8021	Volatile Organics	NELAP	11/8/2001
Xylene (total)	EPA 8260	Volatile Organics	NELAP	11/8/2001
Zinc	EPA 6010	Metals	NELAP	3/1/2002
Zinc	EPA 6020	Metals	NELAP	3/14/2003

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012



State of Florida
Department of Health, Bureau of Laboratories
This is to certify that

E35834

FLOWERS CHEMICAL LABS - KEYS
3980 OVERSEAS HIGHWAY SUITE 103
MARATHON, FL 33050

has complied with Florida Administrative Code 64E-1,
for the examination of Environmental samples in the following categories

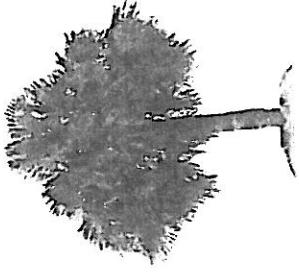
DRINKING WATER - MICROBIOLOGY, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - MICROBIOLOGY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2011 Expiration Date: June 30, 2012



Max Salfinger, M.D.
Chief, Bureau of Laboratories
Florida Department of Health
DH Form 1697, 7/04
NON-TRANSFERABLE E35834-15-07/01/2011
Supersedes all previously issued certificates





Rick Scott
Governor

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State Surgeon General
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Laboratory Scope of Accreditation

Attachment to Certificate #: E35834-15, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E35834

EPA Lab Code: FL01174

(305) 743-8598

E35834
Flowers Chemical Labs - Keys
3980 Overseas Highway
Suite 103
Marathon, FL 33050

Matrix: Drinking Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Escherichia coli	COLHAG	Microbiology	NELAP	4-1-2009
Total coliforms	COLTAG	Microbiology	NELAP	4-1-2009

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012



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Governor

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State Surgeon General
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Laboratory Scope of Accreditation

Attachment to Certificate #: E35834-15, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E35834

EPA Lab Code:

FL01174

(305) 743-8598

E35834

Flowers Chemical Labs - Keys
3980 Overseas Highway
Suite 103
Marathon, FL 33050

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Carbonaceous BOD (CBOD)	SM 5210 B	General Chemistry	NELAP	3/31/2009
Enterococci	EPA 1600	Microbiology	NELAP	3/31/2009
Fecal coliforms	SM 9222 D	Microbiology	NELAP	12/10/2002
Residue-nonfilterable (RSS)	SM 2540 D	General Chemistry	NELAP	1/27/2009
Total coliforms	SM 9222 B	Microbiology	NELAP	3/31/2009

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2011

Expiration Date: 6/30/2012