



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
DIVISION OF PURCHASES
One Capitol Hill
Providence, RI 02908-5855

Tel: (401) 574-8100
Fax: (401) 574-8387
Website: www.purchasing.ri.gov

CONTRACT USER GUIDE
ANALYTICAL LABORATORY SERVICES
MASTER PRICE AGREEMENT (“MPA”) #48
BID SOLICITATION # 7548926
CONTRACT TERM 12/1/2014 – 11/30/2018

CONTRACT SUMMARY:

The intent of this Master Price Agreement (MPA) is to establish a Qualified Vendor List to provide analytical laboratory services for the chemical and biological analyses of samples collected by the State of Rhode Island the the RIDEM in connection with its site remediation program and other State programs. These samples may be of surface water, groundwater, drinking water, soils, sediment, sludge, concentrated waste, solid waste, air or other materials.

Proposals were received from seven (7) vendors with awards to six (6) vendors.

The State reserves the right to solicit pricing from each MPA vendor at a lower rate than provided in the MPA. The MPA vendor may hold their rate at the stated price or provide better pricing to the State. The rates provided in the MPA represent a maximum rate that may be charged to the State.

WHO CAN USE THIS CONTRACT:

Statewide Applicability – Political Subdivisions (cities, towns, schools, quasi-public agencies), as authorized by law, may participate in this Agreement. All ordering and billing shall be between the vendor and the political subdivision only.

VENDOR AWARDS CONTACT INFORMATION:

Purchase Order # 3402434
Vendor Name: Accutest Laboratories
Contact Name: Patrick Merolla
Tel: 860-377-6588
Email: patrickm@accutest.com



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
DIVISION OF PURCHASES
One Capitol Hill
Providence, RI 02908-5855

Tel: (401) 574-8100
Fax: (401) 574-8387
Website: www.purchasing.ri.gov

Purchase Order # 3402466
Vendor Name: Alpha Analytical
Contact Name: Glen Breland
Tel: 508-380-8136
Email: gbreland@alphalab.com

Purchase Order # 3402470
Vendor Name: Thielsch / ESS Laboratory
Contact Name: Kevin Braga
Tel: 401-461-7181
Email: kbraga@thielsch.com

Purchase Order # 3402480
Vendor Name: New England Testing Laboratory, Inc.
Contact Name: Richard Warila
Tel: 401-353-3420 or 888-863-8522
Email: rich.warila@newenglandtesting.com

Purchase Order # 3402534
Vendor Name: Premier / Microbac Laboratories
Contact Name: Ronald Warila
Tel: 860-774-6814
Email: ronw@premierlaboratory.com

Purchase Order # 3402535
Vendor Name: RI Analytical Laboratories, Inc.
Contact Name: Kristen Mayo
Tel: 401-562-1409
Email: kmayo@rianalytical.com

Division of Purchases Contact:
Gail Walsh, Chief Buyer
(401) 574-8122
Gail.walsh@purchasing.ri.gov



Notice of Contract Purchase Agreement

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

RI ANALYTICAL LABORATORIES INC
41 ILLINOIS AVE
WARWICK, RI 02888
United States

MPA-48 - ANALYTICAL LABORATORY SERVICES	
Award Number 3402535	Effective Period: 01-DEC-14 - 30-NOV-18

S H I P T O	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST,RI MPA United States
---	--

Date: 19-NOV-14
Buyer: G Walsh
Shipping: Paid
Terms: NET 30
Vendor#: 1461

I N V O I C E	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST,RI MPA United States
--	--

Department	Type of Requisition	Bid Number	Requisition Number
		N/A	

12/1/14 - 11/30/18

MASTER PRICE AGREEMENT #48

ANALYTICAL LABORATORY SERVICES IN ACCORDANCE WITH THE PROVISIONS OF RFQ #7548926 AND THE ATTACHED COST PROPOSAL.

THIS PURCHASE ORDER IS ISSUED CONTINGENT UPON RECEIVING CERTIFICATE OF INSURANCE, EQUAL OPPORTUNITY AND MINORITY BUSINESS ENTERPRISE COMPLIANCE BY DECEMBER 9, 2014.

SUPPLIER CONTACT:
KRISTEN MAYO
TEL: (401) 562-1409
E-MAIL: KMAYO@RIANALYTICAL.COM

AGENCY CONTACT:
CYNTHIA GIANFRANCESCO
TEL: (401) 222-4700 EXT. 7126
CINDY.GIANFRANCESCO@DEM.RI.GOV

STATE PURCHASING AGENT

Nancy R. McIntyre

This Notice of Award/Purchase Order is issued in accordance with the specific requirements described herein and the State's Purchasing Regulations and General Conditions of Purchase, copies of which are available at www.purchasing.ri.gov. Delivery of goods or services as described herein shall be deemed acceptance of these requirements

Contract Terms and Conditions

Table of Contents

Terms and Conditions.....II
PURCHASE ORDER STANDARD TERMS AND CONDITIONSII
TERMS AND CONDITIONS FOR THIS PURCHASE ORDERII
INSURANCE REQUIREMENTS (ADDITIONAL)II
MULTI YEAR AWARDII
PURCHASE AGREEMENT AWARDII
AUTHORIZATION AND RELEASEII
BLANKET PAYMENTIII
EQUAL OPPORTUNITY COMPLIANCEIII
QUARTERLY REPORTSIII
CAMPAIGN FINANCE COMPLIANCEIII
MPA BID AWARD (STATEWIDE APPLICABILITY)III
TERMS AND CONDITIONS OF PRICING AGREEMENTIV

Terms and Conditions

PURCHASE ORDER STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS PURCHASE ORDER

INSURANCE REQUIREMENTS (ADDITIONAL)

ANNUAL RENEWAL INSURANCE CERTIFICATES FOR WORKERS' COMPENSATION, PUBLIC LIABILITY, PROPERTY DAMAGE INSURANCE, AUTO INSURANCE, PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS & OMISSIONS), BUILDER'S RISK INSURANCE, SCHOOL BUSING AUTO LIABILITY, ENVIRONMENTAL IMPAIRMENT (AKA POLLUTION CONTROL), VESSEL OPERATION (MARINE OR AIRCRAFT) PROTECTION & INDEMNITY, ETC., MUST BE SUBMITTED TO THE SPECIFIC AGENCY IDENTIFIED IN THE "SHIP TO" SECTION OF THE PURCHASE ORDER. CERTIFICATES ARE ANNUALLY DUE PRIOR TO THE BEGINNING OF ANY CONTRACT PERIOD BEYOND THE INITIAL TWELVE-MONTH PERIOD OF A CONTRACT. FAILURE TO PROVIDE ANNUAL INSURANCE CERTIFICATION MAY BE GROUNDS FOR CANCELLATION.

MULTI YEAR AWARD

THIS IS A MULTI-YEAR BID/CONTRACT. PER RHODE ISLAND STATE LAW 37-2-33, CONTRACT OBLIGATIONS BEYOND THE CURRENT FISCAL YEAR ARE SUBJECT TO AVAILABILITY OF FUNDS. CONTINUATION OF THE CONTRACT BEYOND THE INITIAL FISCAL YEAR WILL BE AT THE DISCRETION OF THE STATE. TERMINATION MAY BE EFFECTED BY THE STATE BASED UPON DETERMINING FACTORS SUCH AS UNSATISFACTORY PERFORMANCE OR THE DETERMINATION BY THE STATE TO DISCONTINUE THE GOODS/SERVICES, OR TO REVISE THE SCOPE AND NEED FOR THE TYPE OF GOODS/SERVICES; ALSO MANAGEMENT OWNER DETERMINATIONS THAT MAY PRECLUDE THE NEED FOR GOODS/SERVICES.

PURCHASE AGREEMENT AWARD

THIS IS A NOTICE OF AWARD, NOT AN ORDER. Any quantity reference in the agreement or in the bid preceding it are estimates only and do not represent a commitment on the part of the state to any level of billing activity, other than for quantities or volumes specifically released during the term. No action is to be taken except as specifically authorized, as described herein under AUTHORIZATION AND RELEASE. ENTIRE AGREEMENT - This NOTICE OF AWARD, with all attachments, and any release(s) against it shall be subject to: (1) the specifications, terms and conditions set forth in the Request/Bid Number cited herein, (2) the General Terms and Conditions of Contracts for the State of Rhode Island and (3) all provisions of, and the Rules and Regulations promulgated pursuant to, Title 37, Chapter 2 of the General Laws of the State of Rhode Island. This NOTICE shall constitute the entire agreement between the State of Rhode Island and the Vendor. No assignment of rights or responsibility will be permitted except with the express written permission of the State Purchasing Agent or his designee. CANCELLATION, TERMINATION and EXTENSION - This Price Agreement shall automatically terminate as of the date(s) described under CONTRACT PERIOD unless this Price Agreement is altered by formal amendment by the State Purchasing Agent or his designee upon mutual agreement between the State and the Vendor.

AUTHORIZATION AND RELEASE

In no event shall the Vendor deliver goods or provide service until such time as a duly authorized release document is certified by the ordering Agency. A Direct Purchase Order (DPO) shall be created by the agency listing the items ordered, using the pricing and format set forth in the Master Blanket. All pricing

shall be as described in the Master Blanket and is considered to be fixed and firm for the term of the Agreement, unless specifically noted to the contrary herein. All prices include prepaid freight. Freight, taxes, surcharges, or other additional charges will not be honored unless reflected in Master Blanket.

BLANKET PAYMENT

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY. PAYMENTS WILL BE AUTHORIZED UPON SUBMISSION OF PROPERLY RENDERED INVOICES NO MORE THAN MONTHLY TO THE RECEIVING AGENCY. ANY UNUSED BALANCE AT END OF BLANKET PERIOD IS AUTOMATICALLY CANCELLED.

EQUAL OPPORTUNITY COMPLIANCE

THIS PURCHASE ORDER IS AWARDED SUBJECT TO EQUAL OPPORTUNITY COMPLIANCE.

QUARTERLY REPORTS

REPORTS - The Vendor agrees to provide the State with quarterly reports describing activity against this Price Agreement. If this is a Master Price Agreement, such reports shall include usage by municipalities, quasi-public agencies, schools, etc. All reports shall contain the following data: (1) Billing volume in dollars and (2) quantity shipped for each line item in the price agreement. When there are no line items in the price agreement, vendor shall report volume by catalog order numbers, with a brief description of each order number. Reports must be submitted to the RI Division of Purchases to the attention BUYER named in this notice, identifying the Agreement number and the Reporting Period. Quarterly reports shall be due 45 calendar days after the end of each quarter. Failure to submit required reports shall be considered a breach of the contractor's obligations and may be considered, at the discretion of the State Purchasing Agent, sufficient cause for the termination of the agreement and other outstanding agreements and orders, and possible suspension from participation in additional State procurements.

CAMPAIGN FINANCE COMPLIANCE

CAMPAIGN FINANCE: In accordance with RI General Law 17-27-2, Every person or business entity providing goods or services of \$5,000 or more, and has in the preceding 24 months, contributed an aggregate amount in excess of \$250 within a calendar year to any general officer, or candidate for general office, any member, or candidate for general assembly, or political party, is required to electronically file an affidavit regarding political contributions at:

<https://secure.ricampaignfinance.com/RhodeIslandCF/Public/VendorAffidavit.aspx>

ARRA SUPPLEMENTAL TERMS AND CONDITIONS

For contracts and sub-awards funded in whole or in part by the American Recovery and Reinvestment Act of 2009. Pub.L.No. 111-5 and any amendments thereto, such contracts and sub-awards shall be subject to the Supplemental Terms and Conditions For Contracts and Sub-awards Funded in Whole or in Part by the American Recovery and Reinvestment Act of 2009. Pub.L.No. 111-5 and any amendments thereto located on the Division of Purchases website at www.purchasing.ri.gov.

DIVESTITURE OF INVESTMENTS IN IRAN REQUIREMENT:

No vendor engaged in investment activities in Iran as described in R.I. Gen. Laws §37-2.5-2(b) may submit a bid proposal to, or renew a contract with, the Division of Purchases. Each vendor submitting a bid proposal or entering into a renewal of a contract is required to certify that the vendor does not appear on the list maintained by the General Treasurer pursuant to R.I. Gen. Laws §37-2.5-3.

MPA BID AWARD (STATEWIDE APPLICABILITY)

STATEWIDE APPLICABILITY - Political Subdivisions (cities, towns, schools, quasi-public agencies), as authorized by law, may participate in this Agreement. All ordering and billing shall be between the vendor and the political subdivision (only).

TERMS AND CONDITIONS OF PRICING AGREEMENT

SCOPE AND LIMITATIONS - This Agreement covers requirements as described herein, ordered by State agencies during the Agreement Period. No additional or alternative requirements are covered, unless added to the Agreement by formal amendment by the State Purchasing Agent or his designee.

Under State Purchasing Law, 37-2-54, no purchase or contract shall be binding on the state or any agency thereof unless approved by the department [of administration] or made under general regulations which the chief purchasing officer may prescribe. Under State Purchasing Regulation 8.2.1.1.2, any alleged oral agreement or arrangements made by a bidder or contractor with any agency or an employee of the Office of Purchases may be disregarded and shall not be binding on the state.

PRODUCT ACCEPTANCE - All merchandise offered or otherwise provided shall be new, of prime manufacture, and of first quality unless otherwise specified by the State. The State reserves the right to reject all nonconforming goods, and to cause their return for credit or replacement, at the State's option.

- a) Failure by the state to discover latent defect(s) or concealed damage or non-conformance shall not foreclose the State's right to subsequently reject the goods in question.
- b) Formal or informal acceptance by the State of non-conforming goods shall not constitute a precedent for successive receipts or procurements.

Where the vendor fails to cure the defect promptly or replace the goods, the State reserves the right to cancel the Release, contract with a different vendor, and to invoice the original vendor for any differential in price over the original contract price.

ORDER AUTHORIZATION AND RELEASE AGAINST PRICING AGREEMENT

In no event shall the Vendor deliver goods or provide service until such time as a duly authorized release document is certified by the ordering Agency.

State Agencies shall request release as follows: All releases shall reference the Price Agreement number, the Contract Issue number, the item(s) covered, and the unit pricing in the same format as described herein.

A Department Purchase Order (DPO) listing the items ordered shall be created by the agency. The agency may mail or fax a copy of the order to the Vendor. In some cases the agency may request delivery by telephone, but must provide the Vendor with a DPO Order Number reference for billing purposes. Vendors are encouraged to require written orders to assure payments are processed accurately and promptly.

DELIVERY If this is an MPA, Vendor will obtain "ship to" information from each participating agency. This information will be contained in the DPO. APA delivery information will be contained in the Notice of Award.

PRICING - All pricing shall be as described herein, and is considered to be fixed and firm for the term of the Agreement, unless specifically noted to the contrary herein. All prices include prepaid freight. Freight, taxes, surcharges, or other additional charges will not be honored unless reflected herein.

INVOICING All invoices shall reference the DPO Order Number(s), Price Agreement number, the Contract Issue number, the item(s) covered, and the unit pricing in the same format as described herein. If this is an MPA, Vendor will obtain "bill to" information from each participating agency. This information will be contained in the DPO. APA billing information will be contained in the Notice of Award.

PAYMENT - Invoices for items not received, not priced according to contract or for work not yet performed will not be honored. No payment will be processed to any vendor for whom there is no IRS W-9 on file with the State Controller.



R.I. Analytical Laboratories – Bid #7548926– Analytical Laboratory Services (MPA-48)

- R.I. Analytical Laboratories is located at 41 Illinois Avenue – Warwick RI. The laboratory is approximately 8 miles from Providence, RI.
- Availability of pickup services are Monday-Friday 8am-5pm, rush pickup services are available upon request.
- Emergency sample receipt – R.I. Analytical has an after hour voicemail box that can be accessed 24 hours a day, 365 days per year. A return call will be made within 30 minutes of the initial message.
- R.I. Analytical Laboratories standard working hours are Monday – Friday from 8am-5pm, with a second shift that is also operational, and can receive samples on an emergency basis up until 11:30pm. R.I. Analytical Laboratories, in addition the laboratory is available to receive Microbiological samples on Saturday-Sunday during the hours of 9am-2pm. Samples will be accepted after normal business hours either by advance notice or contacting our emergency voicemail box.
- Chain of Custody procedures – All samples submitted to the laboratory follow Chain of Custody procedure which tracks sample collection to final receipt in our sample receiving department. The Chain of Custody form is included with the final report.
- Proper Sample Security – All samples are stored in a walk-in refrigeration unit located at the laboratory. This is secured by our alarm system, and kept closed at all times.
- Subcontracted Samples – All samples that are subcontracted (if needed) will be performed by R.I. certified laboratories, and all proper Chain of Custody procedures are followed in the transfer of samples.
- Frequency of QA/QC samples – Method blanks and laboratory control samples are analyzed with each batch up to 20 samples. Additional QC such as duplicates or matrix spikes are typically included within each batch (refer to specific SOP).
- Standard turn-around time is 10 business days, rush charges apply 1-2 business days 100%, and 3-4 business days 50%.

Client-Specific Price Agreement



PARAMETER	METHOD	COST/SAMPLE
Glycol Scan – Direct Aqueous Injection • Reports these glycols: Diethylene, Ethylene, Polyethylene Propylene, Triethylene	8015M / DAI-GC/FID	\$ 72.50
Haloacetic Acids – HAAs	552.2	\$ 135.00
Herbicides	8151A	\$ 250.00
PCBs – Polychlorinated Biphenyls, Soils/Water • Please add \$25 if Soxhlet Extraction is Required	608 / 8082A	\$ 64.00
PCBs – Polychlorinated Biphenyls, in Oil	EPA 600/4-81-045	\$ 50.00
PCBs – Polychlorinated Biphenyls, on Wipes • Please add \$25 if Soxhlet Extraction is Required	8082A	\$ 55.00
Pesticides	608 / 8081B	\$ 64.00
Petroleum Hydrocarbons, Extractable – EPH • With Polynuclear Aromatic Hydrocarbons (PAHs)	MA DEP EPH	\$ 162.00
Petroleum Hydrocarbons, Extractable – EPH • Without Polynuclear Aromatic Hydrocarbons (PAHs)	MA DEP EPH	\$ 100.00
Petroleum Hydrocarbons, Extractable – EPH • With Polynuclear Aromatic Hydrocarbons and GW-1 RPLs	MA DEP EPH GW-1 Limits	\$ 178.00
Petroleum Hydrocarbons, Total – GC/FID	8100M / 8015B	\$ 68.00
Petroleum Hydrocarbons, Total – HEM • Hexane Extractable Material	1664A	\$ 40.00
Petroleum Hydrocarbons, Volatile – VPH • With target analytes reported	MA DEP VPH	\$ 70.00
Phthalates	625 / 8270D	\$ 120.00
Polynuclear Aromatic Hydrocarbons – PAHs	625 / 8270D	\$ 94.50
Semi-Volatile Organic Compounds – SVOCs • Also known as Acid & Base/Neutral Extractable Compounds	625 / 8270D	\$ 157.50
Soxhlet Extraction, Manual • Please specify soxhlet extraction on the chain of custody form	3540C	\$ 25.00
Trihalomethanes in Drinking Water – THMs	524.2	\$ 55.00

Certifications: RI - 033 • MA - M-RI 015 • CT - PH-0508 • ME - RI 015 • NH - 253799 • NY – 11726



PARAMETER	METHOD	COST/SAMPLE
Volatile Organic Compounds – VOCs • Aromatics only, reports method 602 / 8021A compounds	8260C	\$ 50.00
Volatile Organic Compounds – VOCs • Halocarbons only, reports method 601 / 8021B compounds	8260C	\$ 50.00
Volatile Organic Compounds – VOCs • Aromatics & Halocarbons, reports method 8021 compounds	8260C	\$ 94.50
Volatile Organic Compounds – VOCs • Drinking water matrix	524.2	\$ 85.00
Volatile Organic Compounds – VOCs • Methanol preserved, soils/sediments/sludges/solids	5035 / 8260C	\$ 75.00
Volatile Organic Compounds – VOCs • Full compound list, including Acrolein & Acrylonitrile	624 / 8260C	\$ 75.00

PARAMETER	METHOD	COST/SAMPLE
Metals Preparation – Acid Digestion	Aqueous 3020 Soils 3550	\$ 8.50
Metals Preparation – Filtration • 0.45µ membrane filter used un	Vacuum Filtration	\$ 10.50
Chromium, Hexavalent – Cr ⁺⁶	Aqueous 218.5 Soils 7196	\$ 15.75 \$ 26.25
Chromium, Trivalent – Cr ⁺³ (by difference) • Calculated as Total Chromium minus Hexavalent Chromium	Aqueous 200.7 / 218.5 Soils 6010B / 7196	\$ 15.75 \$ 26.25
ICP Metals, per element analyzed (preparation not included)	200.7 / 6010B	\$ 8.50
ICP-MS Metals, per element analyzed (preparation not included)	200.8 / 6020A	\$ 10.50
Iron, Ferric, as Fe ⁺³ (by difference) • Calculated as Total minus Ferrous Iron	200.7 / SM 3500 Fe-D	\$ 18.50
Iron, Ferrous, as Fe ⁺²	SM 3500 Fe-D	\$ 25.00
Lead content of paint, with digestion	3550 / 6010B	\$ 18.00
Mercury, with digestion – CVAA	245.1 / 7470 / 7471A	\$ 17.00
Priority Pollutant-13 Metals – ICP / CVAA • Includes digestion and reports these 13 elements: Sb, As, Be, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn	200.7 / 245.1	\$ 114.00
RCRA-5 Metals – ICP / CVAA • Includes digestion and reports these 5 elements: As, Cd, Cr, Pb, Hg	6010B / 7470 / 7471A	\$ 50.00



PARAMETER	METHOD	COST/SAMPLE
RCRA-8 Metals – ICP / CVAA • Includes digestion and reports these 8 elements: As, Ba, Cd, Cr, Pb, Hg, Se, Ag	6010B / 7470 / 7471A	\$ 73.50
Target Analyte List – TAL, Total MCP Metals • Includes digestion and reports these 14 MCP elements Ag, As, Ba, Be, Cd, Cr, Hg, Ni, Pb, Sb, Se, Tl, V, Zn	6010B / 7470 / 7471A	\$ 115.50

GENERAL CHEMISTRY

PARAMETER	METHOD	COST/SAMPLE
Acidity, Total	SM 2310	\$ 9.45
Alkalinity, Total as CaCO ₃	SM 2320B	\$ 9.45
Biochemical Oxygen Demand, (BOD)	SM 5210B	\$ 16.75
Biochemical Oxygen Demand, Carbonaceous (CBOD)	SM 5210B	\$ 19.75
Carbon Dioxide	SM 4500-CO2D	\$ 23.40
Chemical Oxygen Demand (COD)	SM 5220D	\$ 14.70
Chloride	SM 4500-Cl-B / 300.0	\$ 8.50
Chlorine Residual, Total	SM 4500-Cl-G	\$ 8.50
Color, Apparent	SM 2120B	\$ 10.50
Cyanide, Total	SM 4500-CN-C,E / 9010B	\$ 22.75
Cyanide, Amenable to Chlorine	4500-CN-C,G / 9010B	\$ 45.50
Cyanide, Free	SM 4500-CN,K	\$ 10.50
Cyanide, Physiologically Available (PAC)	9014	\$ 56.00
Cyanide, Weak Acid Dissociable	SM 4500-CN-I	\$ 22.75
Fluoride, without distillation	SM 4500-F-B, D / 300.0	\$ 11.55
Formaldehyde – HPLC method	8315A	\$ 155.00
Hardness, Total as CaCO ₃	200.7 / 2340B	\$ 16.00

GENERAL CHEMISTRY

PARAMETER	METHOD	COST/SAMPLE
Moisture Content, Total @ 103 °C • Analyzed as Total Solids content; reported as percent moisture	SM 2540B	\$ 10.00
Nitrogen, Total N	SM 4500N org C / 300.0	\$ 38.00
Nitrogen, Ammonia	SM 4500-NH3-C	\$ 12.50
Nitrogen, Total Kjeldahl (TKN)	SM4500 Norg C	\$ 35.00
Nitrogen, Total Nitrate as N	4500-NO ₃ -E / 300.0	\$ 9.45
Nitrogen, Total Nitrite as N	4500-NO ₂ -B / 300.0	\$ 9.45
Odor, Threshold Odor Number	140.1	\$ 10.00
Oil & Grease, Total – (HEM)	1664A	\$ 40.00
Oxidation & Reduction Potential (ORP)	ASTM D1498-08	\$ 15.00
Oxygen, Dissolved – D.O. (Electrometric probe) • Note: Electrometric D.O. measurements are best made in situ	SM 4500-O,G	\$ 8.00
pH	SM 4500-H-B / 9040	\$ 8.00
Phenols, Total (colorimetry)	420.1 / 9065	\$ 29.50
Phenols, Total (GC-MS)	625 / 8270D	\$ 78.75
Phosphate, Ortho, as P	SM 4500-P-B / 300.0	\$ 15.75
Phosphate, Total, as P	SM 4500-P-B-E	\$ 16.75
Salinity	SM 2520B	\$ 8.50
Silica, Total	8186	\$ 10.50
Solids, Settleable	SM 2540F	\$ 8.50
Solids, Total (TS)	SM 2540B	\$ 8.50
Solids, Total Dissolved (TDS)	SM 2540C	\$ 9.50
Solids, Total Suspended (TSS)	SM 2540D	\$ 9.50
Solids, Volatile, Suspended (VSS)	SM 2450E	\$ 12.50
Solids, Volatile, Total (TVS)	SM 2450E	\$ 9.50

GENERAL CHEMISTRY

PARAMETER	METHOD	COST/SAMPLE
Specific Conductivity	SM 2510B / 120.1	\$ 8.00
Specific Gravity	D1298	\$ 11.50
Sulfate	SM 4500-SO4E / 300.1	\$ 10.50
Sulfide	SM 4500-S2,D	\$ 10.50
Sulfite	300.1	\$ 10.50
Sulfur, Total as S	ASTM D129	\$ 150.00
Surfactants (MBAS)	SM 5540C	\$ 24.00
Tannin & Lignin	SM 5550B	\$ 10.50
Total Organic Carbon (TOC)	Aqueous 5310B Soils 9060	\$ 24.50
Turbidity	2130B / 180.1	\$ 8.00
UV-254 Absorbance	SM 5910B	\$ 25.00

PARAMETER	METHOD	COST/SAMPLE 5-7 DAY TAT
Coliform Bacteria, <i>Escherichia Coli</i> – E.Coli	9213D / 9223B	\$ 20.00
Coliform Bacteria, Fecal (MF / P-A)	SM 9222D / 9223B	\$ 20.00
Coliform Bacteria, Total (MF / Colilert-24 P-A) • 24-hour incubation required	SM 9222B / 9223B	\$ 20.00
Enterococci	Enterolert	\$ 35.00
Heterotrophic Plate Count (HPC)	9215B, R2A Agar	\$ 20.00

Please Call Regarding: Fecal Streptococcus, Fungus, Giardia, Iron Bacteria, Legionella, Mildew, Mold, Salmonella



PARAMETERS	COST/SAMPLE
Inorganic Drinking Water Contaminants Package • Reports these parameters: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Mercury, Nickel, Selenium, Sodium, Thallium, Cyanide, Fluoride	\$ 220.50
Secondary Drinking Water Contaminants Package • Reports these parameters: Aluminum, Chloride, Color, Copper, Fluoride, MBAS, Iron, Manganese, Odor, pH, Silver, Total Dissolved Solids, Sulfate, Zinc	\$ 178.50
Mortgage Well Water scan • Reports these parameters: Chloride, Coliform bacteria, Color, Hardness, Ammonia, Nitrate, Odor, pH, Turbidity, Calcium, Copper, Iron, Lead, Magnesium, Manganese, Sodium	\$ 168.00
Complete Well Water scan • Reports these parameters: Alkalinity, Chloride, Coliform bacteria, Color, Fluoride, Hardness, Ammonia, Nitrate, Nitrite, Odor, pH, Conductivity, Total Dissolved Solids, Sulfate, Turbidity, Arsenic, Barium, Cadmium, Calcium, Copper, Chromium, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Zinc	\$ 278.25

PARAMETER	METHOD	COST/SAMPLE
TCLP/SPLP Zero Headspace Extraction – ZHE • Sample preparation for volatile organic analytes	1311 / 1312	\$ 84.00
TCLP/SPLP Bottle Extraction • Sample preparation for non-volatile organic analytes	1311 /1312	\$ 61.00
Full TCLP/SPLP – Includes extractions and analysis of: • Volatiles, Semivolatiles, Metals, Pesticides, Herbicides	1311/1312, 8260, 8270, 6010B,7470,8081B, 8321A	\$ 685.00

PARAMETER	METHOD	COST/SAMPLE
BTU Content – Gross Calorific Value	ASTM D1989	1 - 4 \$ 210.00 5 + \$ 157.50
Conductivity, Specific	SM 2510B / 120.1	\$ 8.00
Corrosivity – (as pH)	SM 4500-H-B / 9040 / 9045	\$ 8.00
Halogens, Total • Reported as Total Chlorinated Compounds	ASTM D808	\$ 105.00
Ignitability – Burn Rate • Analysis of Solid and Bulk Materials	1030	\$ 52.50
Ignitability – Flashpoint	1010	\$ 24.00
Paint Filter Test – Free Liquids	9095	\$ 11.50
Reactivity – Cyanide & Sulfide	SW-846 7.3.3 / 7.3.4	\$ 50.00



State of Rhode Island and Providence Plantations
DEPARTMENT OF HEALTH

Certifies

LAI00033

RI ANALYTICAL LABORATORIES
41 ILLINOIS AVENUE
WARWICK RI 02888
Laboratory Director: PAUL PERROTTI

for the analysis of: Potable Water Microbiology - Potable Water Organic Chemistry - Potable Water Inorganic Chemistry
- Non-potable Water Microbiology - Non-potable Water Organic Chemistry - Non-potable Water
Inorganic Chemistry - Environmental Lead

This certification, pursuant to Rhode Island General Laws 23-16.2 supersedes, all previous Rhode Island certificates issued to this laboratory. Certification is no guarantee of the validity of the laboratory results.

This certificate is valid only when accompanied by the latest dated Appendix which lists the analytes and methods for which certification has been granted. Contact the Laboratory Certification Officer to verify the current certification status of this laboratory.

Michael Fine, MD
Director of Health

Expires: 12/30/2014

THIS CERTIFICATE IS TO BE CONSPICUOUSLY DISPLAYED AT THE LABORATORY IN A LOCATION VISABLE TO THE PUBLIC