

TO: IWMB
FROM: Orval Osborne, President, Creek Environmental Laboratories, Inc.
DATE: April 26, 2006
RE: IWM05077 IFB

ATTACHMENT A

ORIGINAL

I. QUALIFICATIONS & RESOURCES

Creek Environmental Laboratories has the experience, qualifications, and resources to perform the required tasks of the project. As our references demonstrate, we have done similar work, and do so on an ongoing basis. My company has a staff of 20 people; since some are part-time, we have 15 Full-Time Equivalents (15 FTE). Based on the contract's estimated value, it would be 3-18% of our total workload. Our total hours expended on this project are anticipated to be 20-100 hours per week.

Creek Labs will conduct Burn Ash, Solid Waste & Soil Analyses except Dioxins/Furans
Subcontractors:

- a) Environmental Analytical Services - Gas Analysis
- b) Frontier Analytical - Dioxins/Furans analysis

Creek Labs will manage the work on this project as we would other projects of this nature, with the following specific designations:

Contract Manager: Orval Osborne, President.

Operations: Mike Ng, Laboratory Director.

Resumes of key lab personnel are listed below.

Orval Osborne, President and owner, is responsible for sales and management of the business. He supervises the Laboratory Director and Accounting Manager. He is involved in strategic initiatives and financial decisions. He is also a valuable resource for customers over a broad range of inorganic and organic methodologies.

Education:

BS in Chemistry, UC Santa Barbara, 1978

Experience:

Lab Director, Creek Environmental Laboratories, San Luis Obispo, 1993-2005

Inorganics Supervisor, Coast-to-Coast Analytical Services, Inc., San Luis Obispo, CA 1988-1993

Laboratory Director, A-1 Analytical Laboratory, Salinas, CA, 1987-1988

Research Technician, Dionex, Sunnyvale, CA, 1985-1987

Analytical Chemist, Syva (Syntex), Palo Alto, CA, 1978-1984

Michael Ng, Laboratory Director, oversees all operations of the laboratory. The laboratory director reviews all analytical results prior to reporting to the client. He also functions as Technical Director, directing method and instrumental changes and additions.

Education:

M.S., Chemistry, California State University of Los Angeles, 1986

B.A., Biology, University of California at Los Angeles, 1978

Experience:

Lab Director, Creek Environmental Laboratories, San Luis Obispo, CA 2005-present

Lab Director, Zymax Envirotechnology, San Luis Obispo, CA 2000-2005

Lab Director, Cirrus Environmental, Santa Maria, CA 1990-1999

Site Chemist, Casmalia Resources, Casmalia, CA, 1989-1990

Ms. Long has extensive experience performing Metals, Wet Chemistry, Bacteriological and Organic analyses, including AA, ICP, IC and GC methodologies.

Kenneth Finwall -- Senior Organics Chemist

Education:

BS in Chemistry and Biology, UC Irvine, Irvine, CA, 1987

Experience:

Analytical Chemist, Creek Environmental Laboratories, 1997-present

Organics Supervisor, Curtis and Tompkins, Irvine, CA, 1994- 1996

Analytical Chemist, Curtis and Tompkins, Irvine, CA, 1988-1994

Mr. Finwall has extensive experience performing all types of organic analyses, including GC, GC/MS, IC and other instrumentation. Mr. Finwall is proficient in data acquisitions systems, and computer operating systems. He has extensive audit experience for government, regulatory and private commercial programs.

QUALITY ASSURANCE OFFICER: Creek maintains a QA officer at its laboratory operation who assists the Laboratory Director in the implementation of Creek's Quality Assurance program. The QA officer is responsible for conducting systems audits and reviews and for overseeing the Performance Evaluation programs. Maryanne Long fulfills the responsibilities of the QA Officer.

II. CERTIFICATIONS

The State of California, under the Environmental Laboratory Accreditation Program for drinking water, wastewater and hazardous waste methods, certifies Creek Environmental Laboratories as capable of performing all listed analyses: California DOHS Certification Number 1958.

The Supplier Clearinghouse for the California Public Utilities Commission certifies Creek Environmental Laboratories, Inc. as a Minority-Owned Business Enterprise (MBE). CHS Verification Order Number: 5ES00008. Minority-Owned Business Enterprise status is possible due to the identity of the 100% owner, Orval Osborne, as a Native American. His ancestry is of the Creek (Muskogee) Nation, which is the inspiration for company name.

III. ORGANIZATION

Creek Labs was established in 1993. We are certified by CA DOHS ELAP, certificate #1958. We are located in San Luis Obispo, CA. Currently we occupy 4000 square feet. We have no conflicts of interest with this project.

Creek Environmental Laboratories, Inc is a certified Small Business. As the prime contractor, we will vastly exceed the 5% contract requirement.

Creek Environmental Laboratories, Inc. and all Subcontractors to be used during the performance of the contract are eligible to contract with the State of California, pursuant to PCC 10286.

**LABORATORY SERVICES
IWM05077**

Complete this form and submit the original in accordance with the requirements of this IFB.

Acknowledgement/Authorization

The undersigned acknowledges the submittal of this bid constitutes an irrevocable offer for a ninety (90) day period for the CIWMB to award an Agreement. Additional acknowledgement is made of receipt of all competitive documents, including Addenda, relating to this Agreement.

The undersigned acknowledges that the Bidder has read all of the requirements set forth in CIWMB documents and will comply with said provisions.

The undersigned hereby authorizes and requests any person, firm, agency, or corporation to furnish any information requested by the CIWMB in verification of the recitals comprising this Bid and also hereby authorizes the CIWMB to contact such persons, firms, etc., in order to obtain information regarding the undersigned.

The undersigned acknowledges that there are no potential conflicts of interest, as defined in Public Contract Code (PCC) 10410, 10411, and Government Code (GC) 87100, by the submitting firm and/or any Subcontractors listed in the Bid.

I declare under penalty of perjury that the foregoing is true and correct.

Name & Title of Authorized Representative:

Orval Osborne, President

Contractor Name: Creek Environmental Laboratories, Inc.

Address:

141 Suburban Road, Suite C-5

Telephone #: 805-545-9838

City, State Zip:

San Luis Obispo, CA 93401

Email: orval@creeklabs.com

Signature of Authorized Representative:



Date Signed: 4-26-06

Test methods listed below are for evaluation purposes only. Each bid submittal package should include a complete price list for the test methods and services listed in the Invitation For Bid document for both standard (7 business days) and urgent (24 hours) sample turnaround times.

Rating Criteria for Evaluating Environmental Services Bid Submittals						
				Unit Cost**	Factor	(Unit Cost) x (Factor)
Gas Analyses (standard turnaround time)						
Fixed Gases (ASTM D-1945)				50	0.214	10.70
Methane				45	0.214	9.63
Total Organics (EPA TO-15)				100	0.214	21.4
Carbon Speciation (EPA TO-3)				150	0.079	11.85
Hydrogen Sulfide (EPA 15 & 16)				50	0.079	3.95
Gas Analyses (urgent turnaround time)						
Fixed Gases (ASTM D-1945)				55	0.054	2.97
Methane				50	0.054	2.70
Total Organics (EPA TO-15)				125	0.054	6.75
Carbon Speciation (EPA TO-3)				175	0.019	3.33
Hydrogen Sulfide (EPA 15 & 16)				75	0.019	1.43
Burn Ash, Solid Waste & Soil Analyses (standard turnaround time)						
pH, Reactivity, Ignitability				129	0.040	5.16
Total CAM 17 Metals (EPA 6010) including extraction/digestion				90	0.080	7.2
Total CAM 5 Metals (EPA 6010) including extraction/digestion				45	0.080	3.6
TCLP RCRA Metals (EPA 1311) including extraction/digestion				120	0.060	7.2
STLC CAM 17 Metals (EPA 6010) including extraction/digestion				120	0.080	9.6
STLC CAM 5 Metals (EPA 6010) including extraction/digestion				45	0.080	3.6
DI-WET, WET (EPA 6010, 22 CCR) including extraction/digestion				45	0.080	3.6
Organochlorine Pesticides/PCBs (EPA 608/8082)				90	0.060	5.4
				Unit Cost**	Factor	(Unit Cost) x (Factor)
Burn Ash, Solid Waste & Soil Analyses (standard turnaround time)						
<i>continued from previous page</i>						
Carbon Chain Breakdown C6-C44 (EPA)				300	0.060	18

Burn Ash, Solid Waste & Soil Analyses (urgent turnaround time)							
pH, Reactivity, Ignitability					193.5	0.010	1.935
Total CAM 17 Metals (EPA 6010) including extraction/digestion					150	0.020	3
Total CAM 5 Metals (EPA 6010) including extraction/digestion					75	0.020	1.5
TCLP RCRA Metals (EPA 1311) including extraction/digestion					180	0.015	2.7
STLC CAM 17 Metals (EPA 6010) including extraction/digestion					180	0.020	3.6
STLC CAM 5 Metals (EPA 6010) including extraction/digestion					75	0.020	1.5
DI-WET, WET (EPA 6010, 22 CCR) including extraction/digestion					75	0.020	1.5
Organochlorine Pesticides/PCBs (EPA 608/8082)					150	0.015	2.25
Carbon Chain Breakdown C6-C44 (EPA)					450	0.015	6.75
Semivolatile Organic Compounds (SVOCs) PAH/PNAs only (EPA 8270)					180	0.015	2.7
SVOCs Full List (EPA 8270)					225	0.010	1.8
Dioxins/Furans (EPA 8280A)					N/a	0.020	N/a
						Total	\$292.505
<p>Note: Reusable sample containers must be certified clean for at least one container for every five supplied for each sampling event.</p>							
<p>** Unit cost for both urgent and for regular turnaround times must include all additional costs, including but not limited to those which may result from using a subcontracted laboratory, shipping costs, delivery/courier costs, costs of sampling equipment (thermometers, vacuum gauges, impingers, air sampling pumps, critical flow orifices, containers, specialized containers, etc.), costs of unused equipment, and any other costs.</p>							

Small Business/Disabled Veteran Business Enterprises (DVBE) Participation Summary

MARK ONE FOR EACH FIRM USED			NAME OF FIRM	NATURE OF WORK	TOTAL AMOUNT OF WORK (Mark one for each firm used)	
PRIME BIDDER	SUBC ON-TRAC TOR	SUPPLIER			SMALL	DVBE
X			Creek Environmental Laboratories, Inc.	Analytical services	\$50,000 – 250,000	\$
		X	KTEK Products & Systems, Inc. P.O. Box 5909 Vallejo, CA 94591 800-775-6889	Chemicals and/or office supplies	\$	3% = \$3,000 – 15
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$
					\$	\$

The appropriate certification letter issued by the Office of Small Business and Disabled Veteran Business Enterprise Certification (OSDC) shall be attached. For each small and DVBE business identified.

Contractor Status Form

Contractor's Name Creek Environmental Laboratories, Inc.

County San Luis Obispo

Address 141 Suburban Road, Suite C-5

Phone No. 805-545-9838

San Luis Obispo, CA 93401

Fax No. 805-545-0107

Federal Employer Identification No. [REDACTED]

STATUS OF CONTRACTOR PROPOSING TO DO BUSINESS:

- Individual
- Limited Partnership
- General Partnership
- Corporation
- Other

INDIVIDUAL:

If a sole proprietorship, state the true name of sole proprietor: _____

PARTNERSHIP:

If a partnership, list each partner, including limited partners, stating their true name and their interest in the partnership:

CORPORATION:

If a corporation, place and date of incorporation: California 10-1-96

Date corporation was authorized by Secretary of State: _____

President: Orval Osborne

Vice-President: _____

Secretary: Kandi Osborne

Treasurer: _____

Other Officers: _____

OTHER: (Explain)

SMALL BUSINESS PREFERENCE

Are you claiming preference as a small business?

- YES -- Attach approval letter from Office of Small Business Certification and Resources
- NO

Date you filed for small business preference: 10-17-05

Your small business ID No. 0003567

NOTE: THIS FORM MUST BE COMPLETED OR YOUR BID MAY BE REJECTED



PROCUREMENT DIVISION

Office of Small Business and DVBE Certification

707 Third Street, 1st Floor, Room 400 * PO Box 989052

West Sacramento, California 95798-9052 * (800) 559-5529

SB APP 20051017

October 17, 2005

REF# 0003567
CREEK ENVIRONMENTAL LABORATORIES INC
141 SUBURBAN RD STE C-5
SAN LUIS OBISPO CA 93401

Dear Business Person:

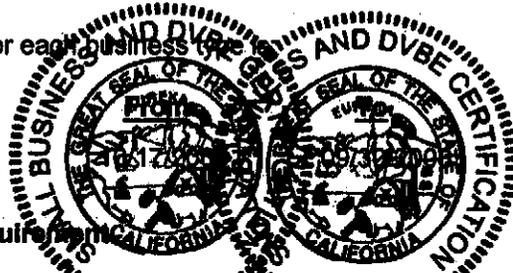
Congratulations on your certified small business status with the State of California. Your certification entitles you to benefits under the state's Small Business Participation Program within state contracting, including a five percent bidding preference and special provisions under the Prompt Payment Act.

Certification period

Your certification period for each business year is:

Industry

SERVICE



Annual Submission Requirements

To maintain your certified status, you must annually submit to the Office of Small Business and DVBE Certification (OSDC), proof of annual receipts and proof of employees for your firm and each of your affiliates (if any).

Proof of Annual Receipts

Submit to OSDC, a copy of your firm's and any affiliate firm's ENTIRE federal tax return each year following your certification. Include ALL accompanying schedules, forms, statements, and any other support documents filed with that specific tax return.

If you request a tax filing extension with the Internal Revenue Service, submit to our office a copy of the extension form. When your tax returns are filed, submit a copy of the entire federal tax return to our office.

Proof of Employees

If you have employees whose taxable wages are reported to the California Employment Development Department (EDD) on a quarterly basis, you must annually submit to our office along with your proof of annual receipts, proof of employees for your firm and any affiliates.

We will accept a copy of the EDD's "Quarterly Wage and Withholding Report" (Form DE6) or other format accepted by the EDD. Your employee documents must cover the same four quarters as the tax return you submit for your proof of annual receipts.

If you have out-of-state employees, submit the employee documentation comparable to EDD's "Quarterly Wage and Withholding Report" for the same four-quarter period.

Maintained Your Online Certified Firm Profile



CREEK ENVIRONMENTAL LABORATORIES, INC.

A Minority-owned Business Enterprise

141 SUBURBAN ROAD, SUITE C-5 • SAN LUIS OBISPO, CA 93401 • (805) 545-9838 • FAX (805) 545-0107

Fax

To: Ken Jackson, KTEK Products **From:** Orval Osborne, President

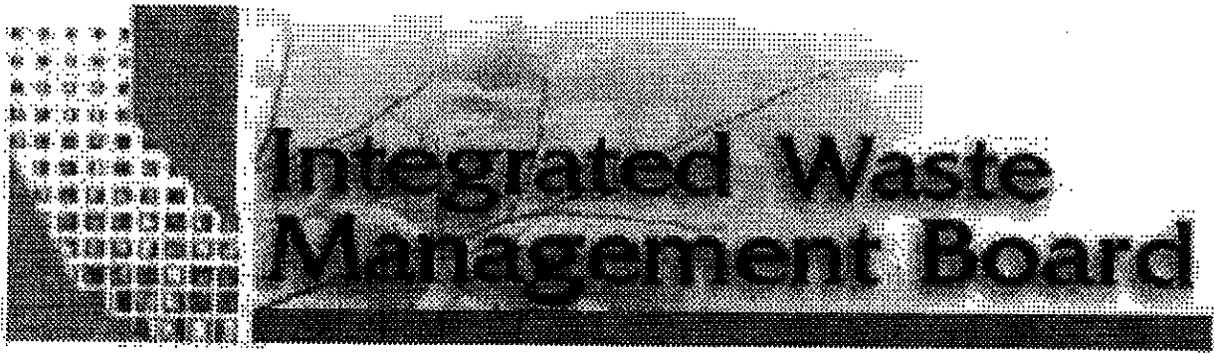
Fax: 707-643-4878 **Date:** April 26, 2006

Re: Bid IWM05077 **Pages:** 2 (including cover)

•Comments:

I would like to satisfy the contract requirements by purchasing chemicals and/or office supplies from your company. If I get the bid, I will purchase those kinds of items of a total value to meet or exceed 3% of the contract total.

Integrated Waste Management Board - Bid # IWM 05077



Invitation for Bid
Environmental Sampling & Laboratory
Services
IWM05077

STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

ENVIRONMENTAL LABORATORY CERTIFICATION

Is hereby granted to

CREEK ENVIRONMENTAL LABORATORY

141 SUBURBAN ROAD, SUITE C-5
SAN LUIS OBISPO, CA 93401

Scope of certification is limited to the
"Accredited Fields of Testing"
which accompanies this Certificate.

Continued certification status depends on successful completion of site visit,
proficiency testing studies, and payment of applicable fees.

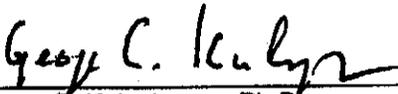
This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1958**

Expiration Date: **01/31/2008**

Effective Date: **01/01/2006**

Richmond, California
subject to forfeiture or revocation

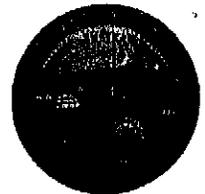


George C. Kulasingam, Ph.D.
Program Chief
Environmental Laboratory Accreditation Program

State of California—Health and Human Services Agency
Department of Health Services



Sandra Shewry
Director



Arnold Schwarzenegger
Governor

January 1, 2006

Certificate No.: 1958

MICHAEL NG
CREEK ENVIRONMENTAL LABORATORY
141 SUBURBAN ROAD, SUITE C-5
SAN LUIS OBISPO, CA 93401

Dear MICHAEL NG:

This is to advise you that the laboratory named above continues to be certified as an environmental testing laboratory pursuant to the provisions of the California Environmental Laboratory Improvement Act (Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.). Certification for all currently certified Fields of Testing that the laboratory has applied for renewal shall remain in effect until **01/31/2008** unless revoked.

Please note that the renewal application for certification is subject to an on-site visit, and continued use of the certificate is contingent upon:

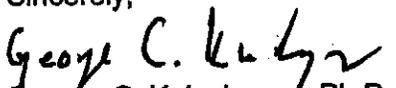
- * **successful completion of the site visit;**
- * **acceptable performance in the required performance evaluation (PE) studies;**
- * **timely payment of all fees, including an annual fee due before January 31, 2007;**
- * **compliance with Environmental Laboratory Accreditation Program (ELAP) statutes (HSC, Section 100825, et seq.) and Regulations (California Code of Regulations (CCR), Title 22, Division 4, Chapter 19).**

An updated "Approved Fields of Testing" will be issued to the laboratory upon completion of the renewal process. The application for the next renewal must be received 90 days before the expiration of this certificate to remain in force according to the CCR, Section 64801 through 64827.

Please note that the laboratory is required to notify ELAP of any major changes in the laboratory such as the transfer of ownership, change of laboratory director, change in location, or structural alterations which may affect adversely the quality of analyses (HSC, Section 100845(b)(d)). Please include the above certificate number in all your correspondence to ELAP.

If you have any questions, please contact ELAP at (510) 620-3155.

Sincerely,


George C. Kulasingam, Ph.D.

Program Chief
Environmental Laboratory Accreditation Program

**CALIFORNIA DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**

CREEK ENVIRONMENTAL LABORATORY

Lab Phone (805) 545-9838

141 SUBURBAN ROAD, SUITE C-5
SAN LUIS OBISPO, CA 93401

Certificate No: 1958 Renew Date: 01/31/2006

Field of Testing: 101 - Microbiology of Drinking Water

101.010 001	Heterotrophic Bacteria	SM9215B
101.060 002	Total Coliform	SM9223
101.060 003	E. coli	SM9223

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.030 001	Bromide	EPA 300.0
102.030 003	Chloride	EPA 300.0
102.030 005	Fluoride	EPA 300.0
102.030 006	Nitrate	EPA 300.0
102.030 007	Nitrite	EPA 300.0
102.030 008	Phosphate, Ortho	EPA 300.0
102.030 010	Sulfate	EPA 300.0
102.100 001	Alkalinity	SM2320B
102.130 001	Conductivity	SM2510B
102.140 001	Total Dissolved Solids	SM2540C
102.190 001	Cyanide, Total	SM4500-CN E
102.200 001	Fluoride	SM4500-F C
102.270 001	Surfactants	SM5540C
102.520 001	Calcium	EPA 200.7
102.520 002	Magnesium	EPA 200.7
102.520 003	Potassium	EPA 200.7
102.520 004	Silica	EPA 200.7
102.520 005	Sodium	EPA 200.7
102.520 006	Hardness (calc.)	EPA 200.7

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.130 001	Aluminum	EPA 200.7
103.130 003	Barium	EPA 200.7
103.130 004	Beryllium	EPA 200.7
103.130 007	Chromium	EPA 200.7
103.130 008	Copper	EPA 200.7
103.130 009	Iron	EPA 200.7
103.130 011	Manganese	EPA 200.7
103.130 012	Nickel	EPA 200.7
103.130 015	Silver	EPA 200.7
103.130 017	Zinc	EPA 200.7
103.130 018	Boron	EPA 200.7
103.140 001	Aluminum	EPA 200.8
103.140 002	Antimony	EPA 200.8
103.140 003	Arsenic	EPA 200.8
103.140 004	Barium	EPA 200.8
103.140 005	Beryllium	EPA 200.8
103.140 006	Cadmium	EPA 200.8
103.140 007	Chromium	EPA 200.8
103.140 008	Copper	EPA 200.8
103.140 009	Lead	EPA 200.8

As of 03/14/2005, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

CREEK ENVIRONMENTAL LABORATORY

Certificate No: 1958
Renew Date: 01/31/2006

103.140 010	Manganese	EPA 200.8
103.140 011	Mercury	EPA 200.8
103.140 012	Nickel	EPA 200.8
103.140 013	Selenium	EPA 200.8
103.140 014	Silver	EPA 200.8
103.140 015	Thallium	EPA 200.8
103.140 016	Zinc	EPA 200.8
103.140 017	Boron	EPA 200.8
103.140 018	Vanadium	EPA 200.8
103.150 002	Antimony	EPA 200.9
103.150 003	Arsenic	EPA 200.9
103.150 005	Cadmium	EPA 200.9
103.150 009	Lead	EPA 200.9
103.150 012	Selenium	EPA 200.9
103.150 014	Thallium	EPA 200.9
103.160 001	Mercury	EPA 245.1

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.040 000	Volatile Organic Compounds	EPA 524.2
104.040 001	Benzene	EPA 524.2
104.040 007	n-Butylbenzene	EPA 524.2
104.040 008	sec-Butylbenzene	EPA 524.2
104.040 009	tert-Butylbenzene	EPA 524.2
104.040 010	Carbon Tetrachloride	EPA 524.2
104.040 011	Chlorobenzene	EPA 524.2
104.040 015	2-Chlorotoluene	EPA 524.2
104.040 016	4-Chlorotoluene	EPA 524.2
104.040 019	1,3-Dichlorobenzene	EPA 524.2
104.040 020	1,2-Dichlorobenzene	EPA 524.2
104.040 021	1,4-Dichlorobenzene	EPA 524.2
104.040 022	Dichlorodifluoromethane	EPA 524.2
104.040 023	1,1-Dichloroethane	EPA 524.2
104.040 024	1,2-Dichloroethane	EPA 524.2
104.040 025	1,1-Dichloroethene	EPA 524.2
104.040 026	cis-1,2-Dichloroethene	EPA 524.2
104.040 027	trans-1,2-Dichloroethene	EPA 524.2
104.040 028	Dichloromethane	EPA 524.2
104.040 029	1,2-Dichloropropane	EPA 524.2
104.040 033	cis-1,3-Dichloropropene	EPA 524.2
104.040 034	trans-1,3-Dichloropropene	EPA 524.2
104.040 035	Ethylbenzene	EPA 524.2
104.040 037	Isopropylbenzene	EPA 524.2
104.040 039	Naphthalene	EPA 524.2
104.040 041	N-propylbenzene	EPA 524.2
104.040 042	Styrene	EPA 524.2
104.040 044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040 045	Tetrachloroethene	EPA 524.2
104.040 046	Toluene	EPA 524.2
104.040 048	1,2,4-Trichlorobenzene	EPA 524.2
104.040 049	1,1,1-Trichloroethane	EPA 524.2
104.040 050	1,1,2-Trichloroethane	EPA 524.2
104.040 051	Trichloroethene	EPA 524.2
104.040 052	Trichlorofluoromethane	EPA 524.2
104.040 054	1,2,4-Trimethylbenzene	EPA 524.2
104.040 055	1,3,5-Trimethylbenzene	EPA 524.2

CREEK ENVIRONMENTAL LABORATORY

Certificate No: 1958
Renew Date: 01/31/2006

104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	004	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	005	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	006	Trichlorotrifluoroethane	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
104.050	009	Methyl Isobutyl Ketone	EPA 524.2

Field of Testing: 107 - Microbiology of Wastewater

107.010	001	Heterotrophic Bacteria	SM9215B
107.020	001	Total Coliform	SM9221B
107.040	001	Fecal Coliform	SM9221C,E (MTF/EC)
107.100	001	Fecal Streptococci	SM9230B
107.100	002	Enterococci	SM9230B

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.050	001	pH	EPA 150.1
108.060	001	Residue, Filterable	EPA 160.1
108.070	001	Residue, Non-filterable	EPA 160.2
108.080	001	Residue, Total	EPA 160.3
108.100	001	Residue, Settleable	EPA 160.5
108.110	001	Turbidity	EPA 180.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calc.)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.119	001	Sodium	EPA 273.1
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	004	Nitrate	EPA 300.0
108.120	005	Nitrite	EPA 300.0
108.120	006	Nitrate-nitrite, Total	EPA 300.0
108.120	007	Phosphate, Ortho	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.130	001	Acidity	EPA 305.1
108.140	001	Alkalinity	EPA 310.1
108.181	001	Cyanide, Total	EPA 335.2
108.191	001	Fluoride	EPA 340.2
108.201	001	Ammonia	EPA 350.2
108.212	001	Kjeldahl Nitrogen	EPA 351.3
108.250	001	Dissolved Oxygen	EPA 360.1
108.262	001	Phosphate, Ortho	EPA 365.2
108.263	001	Phosphorus, Total	EPA 365.2

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108.291 001	Sulfide	EPA 376.2
108.310 001	Biochemical Oxygen Demand	EPA 405.1
108.323 001	Chemical Oxygen Demand	EPA 410.4
108.360 001	Phenols, Total	EPA 420.1
108.370 001	Surfactants	EPA 425.1
108.380 001	Oil and Grease	EPA 1664
108.390 001	Turbidity	SM2130B
108.400 001	Acidity	SM2310B
108.410 001	Alkalinity	SM2320B
108.430 001	Conductivity	SM2510B
108.440 001	Residue, Total	SM2540B
108.441 001	Residue, Filterable	SM2540C
108.442 001	Residue, Non-filterable	SM2540D
108.443 001	Residue, Settleable	SM2540F
108.465 001	Chlorine	SM4500-CI G
108.470 001	Cyanide, Manual Distillation	SM4500-CN C
108.472 001	Cyanide, Total	SM4500-CN E
108.473 001	Cyanide, amenable	SM4500-CN G
108.480 001	Fluoride	SM4500-F C
108.490 001	pH	SM4500-H+ B
108.502 001	Ammonia	SM4500-NH3 E
108.503 001	Kjeldahl Nitrogen	SM4500-NH3 E
108.504 001	Ammonia	SM4500-NH3 F
108.505 001	Kjeldahl Nitrogen	SM4500-NH3 F
108.531 001	Dissolved Oxygen	SM4500-O G
108.540 001	Phosphate, Ortho	SM4500-P E
108.541 001	Phosphorus, Total	SM4500-P E
108.590 001	Biochemical Oxygen Demand	SM5210B
108.591 001	Carbonaceous BOD	SM5210B
108.602 001	Chemical Oxygen Demand	SM5220D
108.640 001	Surfactants	SM5540C

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010 001	Aluminum	EPA 200.7
109.010 002	Antimony	EPA 200.7
109.010 003	Arsenic	EPA 200.7
109.010 004	Barium	EPA 200.7
109.010 005	Beryllium	EPA 200.7
109.010 007	Cadmium	EPA 200.7
109.010 009	Chromium	EPA 200.7
109.010 010	Cobalt	EPA 200.7
109.010 011	Copper	EPA 200.7
109.010 012	Iron	EPA 200.7
109.010 013	Lead	EPA 200.7
109.010 015	Manganese	EPA 200.7
109.010 016	Molybdenum	EPA 200.7
109.010 017	Nickel	EPA 200.7
109.010 019	Selenium	EPA 200.7
109.010 021	Silver	EPA 200.7
109.010 023	Thallium	EPA 200.7
109.010 026	Vanadium	EPA 200.7
109.010 027	Zinc	EPA 200.7
109.020 001	Aluminum	EPA 200.8
109.020 002	Antimony	EPA 200.8
109.020 003	Arsenic	EPA 200.8

As of 03/14/2005, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

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109.020 004	Barium	EPA 200.8
109.020 005	Beryllium	EPA 200.8
109.020 006	Cadmium	EPA 200.8
109.020 007	Chromium	EPA 200.8
109.020 008	Cobalt	EPA 200.8
109.020 009	Copper	EPA 200.8
109.020 010	Lead	EPA 200.8
109.020 011	Manganese	EPA 200.8
109.020 012	Molybdenum	EPA 200.8
109.020 013	Nickel	EPA 200.8
109.020 014	Selenium	EPA 200.8
109.020 015	Silver	EPA 200.8
109.020 016	Thallium	EPA 200.8
109.020 017	Vanadium	EPA 200.8
109.020 018	Zinc	EPA 200.8
109.020 019	Mercury	EPA 200.8
109.160 001	Lead	EPA 239.1
109.161 001	Lead	EPA 239.2
109.190 001	Mercury	EPA 245.1

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040 040	Halogenated Hydrocarbons	EPA 624
110.040 041	Aromatic Compounds	EPA 624
110.040 042	Oxygenates	EPA 624
110.040 043	Other Volatile Organics	EPA 624

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010 001	Antimony	EPA 6010B
114.010 002	Arsenic	EPA 6010B
114.010 003	Barium	EPA 6010B
114.010 004	Beryllium	EPA 6010B
114.010 005	Cadmium	EPA 6010B
114.010 006	Chromium	EPA 6010B
114.010 007	Cobalt	EPA 6010B
114.010 008	Copper	EPA 6010B
114.010 009	Lead	EPA 6010B
114.010 010	Molybdenum	EPA 6010B
114.010 011	Nickel	EPA 6010B
114.010 012	Selenium	EPA 6010B
114.010 013	Silver	EPA 6010B
114.010 014	Thallium	EPA 6010B
114.010 015	Vanadium	EPA 6010B
114.010 016	Zinc	EPA 6010B
114.020 001	Antimony	EPA 6020
114.020 002	Arsenic	EPA 6020
114.020 003	Barium	EPA 6020
114.020 004	Beryllium	EPA 6020
114.020 005	Cadmium	EPA 6020
114.020 006	Chromium	EPA 6020
114.020 007	Cobalt	EPA 6020
114.020 008	Copper	EPA 6020
114.020 009	Lead	EPA 6020
114.020 010	Molybdenum	EPA 6020
114.020 011	Nickel	EPA 6020
114.020 012	Selenium	EPA 6020

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114.020 013	Silver	EPA 6020
114.020 014	Thallium	EPA 6020
114.020 015	Vanadium	EPA 6020
114.020 016	Zinc	EPA 6020
114.030 001	Antimony	EPA 7040
114.103 001	Chromium (VI)	EPA 7196A
114.130 001	Lead	EPA 7420
114.131 001	Lead	EPA 7421
114.140 001	Mercury	EPA 7470A
114.141 001	Mercury	EPA 7471A
114.180 001	Silver	EPA 7760A
114.222 001	Cyanide	EPA 9014
114.230 001	Sulfides, Total	EPA 9034
114.240 001	pH	EPA 9040
114.241 001	pH	EPA 9045

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.021 001	TCLP Inorganics	EPA 1311
115.030 001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.040 001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.020 031	Ethanol and Methanol	EPA 8015B
116.030 001	Gasoline-range Organics	EPA 8015B
116.040 041	Methyl tert-butyl Ether (MTBE)	EPA 8021B
116.040 062	BTEX	EPA 8021B
116.080 000	Volatile Organic Compounds	EPA 8260B
116.080 120	Oxygenates	EPA 8260B
116.100 001	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS
116.100 010	BTEX and MTBE	LUFT GC/MS
116.110 001	Total Petroleum Hydrocarbons - Gasoline	LUFT

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010 001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.015 001	Diesel-range Total Petroleum Hydrocarbons	LUFT GC/MS
117.016 001	Diesel-range Total Petroleum Hydrocarbons	LUFT
117.110 000	Extractable Organics	EPA 8270C

Field of Testing: 120 - Physical Properties of Hazardous Waste

120.010 001	Ignitability	EPA 1010
120.040 001	Reactive Cyanide	Section 7.3 SW-846
120.050 001	Reactive Sulfide	Section 7.3 SW-846
120.070 001	Corrosivity - pH Determination	EPA 9040B
120.080 001	Corrosivity - pH Determination	EPA 9045C

Field of Testing: 126 - Microbiology of Recreational Water

126.010 001	Total Coliform (Enumeration)	SM9221A,B,C
126.030 001	Fecal Coliform (Enumeration)	SM9221E



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FEE SCHEDULE



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<u>ORGANIC CHEMICALS, LUFT TPH & METALS</u>	<u>PRICE PER SAMPLE</u>
TPH Volatile, as Gasoline, and/or BTEX by GC (EPA 8015M/8021)	\$50
TPH Volatile, as Gasoline, by GC/MS (EPA 8260M)	\$80
TPH Volatile, as Gasoline, plus BTEX and MTBE by EPA 8260	\$95
TPH Volatile, as Gasoline, plus BTEX and 5 oxygenates by EPA 8260	\$125
Fuel Oxygenates by EPA 8260 (MTBE, DIPE, TAME, ETBE, TBA)	\$95
Ethanol & Methanol by EPA 8015M	\$70
Volatile Organic Chemicals by EPA 8260	\$180
VOCs and TPH Gas by GC/MS	\$200
TPH Extractable, as Diesel (incl. Crude, Motor Oil) by EPA 8015M	\$50
TPH Extractable, as Diesel (incl. Crude, Motor Oil) by GC/MS (EPA 8270M)	\$80
SemiVolatile Organic Chemicals by EPA 8270	\$225
SVOC 8270 and TPH extractable by GC/MS	\$305
PolyNuclear Aromatics (PNA/PAH) by EPA 8270	\$150
PNA by EPA 8270 and TPH Extractable by GC/MS	\$175
PNA-SIM by EPA 8270 and TPH Extractable by GC/MS	\$230
PNA-SIM by EPA 8270	\$150
CAM 17 Total Metals	\$150
Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn.	
Total Lead by EPA 6010/6020/7420	\$30
Soluble Lead by TCLP or STLC (WET) Extraction AND analysis	\$90
TCLP or STLC (WET) Extraction only	\$75
Mercury	\$40
Hexavalent Chromium (Cr+VI) by EPA 7196 AQ	\$40
<u>METALS ANALYSIS by EPA 200.7/6010 (ICP) or 200.8/6020 (ICP/MS)</u>	
Aluminum, Antimony, Arsenic, Barium, first element, digest included	\$30
Beryllium, Boron, Cadmium, Calcium, Chromium, each additional element	\$15
Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Silver, Sodium, Selenium, Thallium, Vanadium, Zinc.	
<u>DRINKING WATER PACKAGES</u>	
General Mineral, General Physical & Inorganics (Primary & Secondary)	\$450
Routine Turnaround Time: 7 working days. Rush: 3 days: \$650; 4 days: \$600; 5 days: \$550.	
Inorganic Chemicals, not including Cyanide.	\$225
General Minerals	\$150
includes Hardness, Calcium, Magnesium, Sodium, Potassium, Iron, Manganese, Copper, Zinc, pH, EC, TDS, Alkalinity, Chloride, Sulfate, Nitrate.	
Irrigation Minerals - above General Minerals plus SAR and Boron	\$175
Copper & Lead, both metals, per sample	\$45
THM's (TriHaloMethanes) by EPA 524.2	\$100
Volatile Organic Chemicals, full list (including MTBE) by EPA 524.2	\$225



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INORGANIC WET CHEMISTRY

<u>CONSTITUENT</u>	<u>PRICE</u>	<u>CONSTITUENT</u>	<u>PRICE</u>
Alkalinity	\$25	Odor	\$10
Ammonia	\$30	Oil & Grease (grav.)	\$50
BOD=Biochemical Oxygen Demand	\$50	Oxygen, Dissolved (DO)	\$20
Chloride	\$30	pH (aqueous)	\$10
Chlorine Residual	\$25	pH (soil)	\$25
Chlorophyll a (Biomass)	\$75	Phenolics, Total	\$75
COD=Chemical Oxygen Demand	\$50	Phosphorus, Total	\$50
Color	\$10	Phosphorus, Ortho	\$30
Conductivity (E. C.)	\$10	Total Dissolved Solids	\$25
Cyanide, Total or Reactive	\$75	Total Suspended Solids	\$25
Fluoride	\$30	% Moisture	\$25
Hardness	\$30	Settleable Solids	\$10
MBAS (Surfactants)	\$50	Sodium	\$15
Total Nitrogen Package	\$90	Sulfate	\$30
(includes TKN, Nitrate and Nitrite)		Sulfide (in water)	\$40
TKN (Total Kjeldahl Nitrogen)	\$60	Sulfide (in soil/waste)	\$75
Nitrate	\$25	for Total or Reactive Sulfide	
Nitrite	\$25	Turbidity	\$10
		Volatile Organics EPA 624	\$225
Stormwater Runoff standard group: pH, EC, Suspended Solids, Oil & Grease			\$95

MICROBIOLOGY

Coliform Bacteria, Total & e.coli, Presence/Absence (Drinking Water)	\$25
Coliform Bacteria, 5 tube MTF (2 to 8 MPN/100ml) (Bottled Water)	\$30

Note: Clients must tell lab upon sample receipt which dilutions to run:

Coliform Bacteria, Total, 15 tube MTF (to 1600 MPN/100ml)	\$30
Coliform Bacteria, Total and Fecal, 15 tube MTF	\$50
Coliform Bacteria, Total, 25 tube MTF (to 160,000 MPN/100ml)	\$50
Coliform Bacteria, Total and Fecal, 25 tube MTF	\$70

Fecal Streptococcus or Enterococcus, 15 tube MTF	\$75
Fecal Streptococcus or Enterococcus, 25 tube MTF	\$90

Plate Count, Aerobic/Heterotrophic (to 3000 CFU/ml)	\$30
Plate Count, Aerobic/Heterotrophic (to 300,000 CFU/ml)	\$50



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FIELD SERVICES

Sampling technician available at \$50/hour.

24 hour composite sampling available. ISCO rental \$75/day.

Lab courier and hired courier services serving SLO, Monterey and Santa Barbara Counties.

DATA SERVICES

Samples are tracked with a computerized LIMS (Laboratory Information Management System).

EDT "State Form" for drinking water systems: No Charge. EDF Geotracker: +10%

Chromatogram copies: \$10. Customized report formats can be produced; call for quote.

TURN-AROUND TIME

Rush available by prearrangement. Minimum Rush order = \$100. Rush premium:

24 Hour Turnaround Time: +100% 48 Hour TAT: +50% 3 day TAT: +33% 4 day TAT: +25%

5 working days is routine turnaround time for fuels testing.

7 working days is routine turnaround time for all other testing.

GENERAL TERMS AND CONDITIONS

Sample containers are available free of charge to clients.

For most samples, there is no disposal fee. However, hazardous samples may be returned to the client or a disposal fee assessed. Difficult matrices may require additional charges for preparation and analysis.

Payment for established customers is due 30 days after the date report is sent. Interest may be charged on delinquent accounts at 1.5% per month.

Liability limited to cost of analysis.

Discounts are available for long-term contracts and for high quantity orders.

FACILITY

Creek Environmental Laboratories operates in a 4000 square foot facility in San Luis Obispo, CA equipped to measure a wide spectrum of organic and inorganic chemical and microbiological analytes.

Instrumentation includes GC, GC/MS, ICP, ICP/MS, AA, IC, spectrometers, incubators and more.

LABORATORY ORGANIZATION

Certified by California Department of Health Services ELAP #1958. Founded 1993

by President Orval Osborne, with a B.S. in Chemistry, has 25 years experience

in chemical analysis, including 15 years as Director and Supervisor of environmental laboratories.

Lab Director Mike Ng has years of distinguished experience as Lab Director for several labs.

Creek Environmental Laboratories staff includes 15 employees with Bachelor's or further degrees in Science, and well over a century of collective analytical laboratory experience.

Web site: www.creeklabs.com Email: info@creeklabs.com

Fee schedule effective January 12, 2006