

AGREEMENT NO.  
BETWEEN THE CITY OF LOS ANGELES  
AND  
TETRA TECH, INC.

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THIS AGREEMENT ("Agreement") is made and entered into by and between the CITY OF LOS ANGELES, a municipal corporation ("City") acting by and through its Board of Harbor Commissioners ("Board"), and TETRA TECH, INC., a Delaware corporation, whose address is 3475 East Foothill Boulevard, Pasadena, California 91107 ("Consultant").

WHEREAS, City requires professional, scientific, expert or technical services of a temporary and occasional character, including as-needed services to provide environmental site assessments and restoration; and

WHEREAS, Consultant is an organization that provides services, including, but not limited to those services required by the City and, by virtue of training and experience, is well-qualified to provide such services to the City; and

WHEREAS, by reason of the nature and length of the services required by City, it is not economical or feasible for City to have such services performed by its own employees;

NOW, THEREFORE, in consideration of the covenants, terms and conditions hereinafter contained to be kept and performed by the respective parties hereto, it is mutually agreed as follows:

1. Incorporation of Recitals.

1.1 The recitals to this Agreement above are incorporated herein and made a part hereof.

2. Services To Be Performed By Consultant.

2.1 All of the services Consultant shall perform for City are set forth in Exhibit "A" hereto and hereinafter shall be referred to as "Scope of Work."

2.2 Consultant's performance of Tasks and, as applicable, Subtasks shall occur as follows:

a. The Director of the Environmental Management Division of City's Harbor Department ("Director") shall issue a written document in the form attached hereto as Exhibit "B" that has been signed by Executive Director of the City's Harbor Department ("Executive Director") and that specifies, without limitation: the Task or Subtask to be performed; the specific services required in connection with such Task or Subtask; the deliverables required in the

performance of such Task or Subtask; the schedule for the performance of such Task or Subtask; authorized personnel who may perform the Task or Subtask; authorized compensation for such Task or Subtask; and MBE/WBE/SBE/OBE utilization ("Directive").

b. Consultant, to reflect its agreement with all the terms of such Directive, shall sign, date and return such Directive to Director.

c. Following Director's receipt of the Directive signed by Consultant, Director shall issue a written document in the form attached hereto as Exhibit "C" that has been signed by Director and that authorizes Consultant to commence performance of the services contemplated by such Directive ("Notice to Proceed").

2.3 Consultant acknowledges and agrees that it lacks authority to perform and that Director lacks authority to request the performance of any services outside the Scope of Work. Consultant further acknowledges and agrees that any services it performs outside the Scope of Work or a Directive, or in the absence of both a Directive and a Notice to Proceed, are performed as a volunteer and shall not be compensable under this Agreement.

2.4 The Scope of Work shall be performed by personnel qualified and competent in the sole reasonable discretion of Director, whether performance is undertaken by Consultant or third-parties with whom Consultant has contracted on the effective date of this Agreement, whom Director may subsequently approve in writing ("Subconsultants"), or as listed on Project Directives. Obligations of this Agreement, whether undertaken by Consultant or Subconsultants, are and shall be the responsibility of Consultant. Consultant acknowledges and agrees that this Agreement creates no rights in Subconsultants with respect to City and that obligations that may be owed to Subconsultants, including, but not limited to, the obligation to pay Subconsultants for services performed, are those of Consultant alone. Upon Director's written request, Consultant shall supply City's Harbor Department with all agreements between it and its Subconsultants.

2.5 As between City and Consultant, Consultant is solely responsible for any taxes or fees which may be assessed against it or its employees resulting from performance of the Scope of Work, whether social security, payroll or other, and regardless of whether assessed by the federal government, any state, the City, or any other governmental entity.

2.6 Director shall resolve in his or her sole reasonable discretion any issues or questions which may arise during the term of this Agreement as to the quality or acceptability of Consultant's performance of the Scope of Work, the manner of performance, the interpretation of direction given to Consultant, the acceptable completion of a Directive, and the amount of compensation due. Upon written notice from Director, Consultant shall assign replacement personnel and/or shall remedy any deficient services or work product to Director's reasonable satisfaction and at Consultant's sole cost and expense. Compliance with the requirements of this Section 2.6 is a condition to payment by City of compensation to Consultant pursuant to this Agreement.

2.7 Consultant's representative responsible for administering this Agreement, David Liu ("Project Manager"), shall not be changed without Director's written approval. Director may, for any reason in his or her sole reasonable discretion, require Consultant to substitute a new Project Manager. If City requests such a substitution, the substitute Project Manager shall expend whatever time and costs necessary to become familiar with the Project and any portions of the Scope of Work already performed at Consultant's sole cost and expense.

2.8 If the law requires Consultant, in performing the Scope of Work, to follow a different standard of care than the ordinary standard of care applied to a reasonable person, Consultant shall perform such services with the degree of diligence, skill, judgment, and care applicable to Consultant's profession ("professional standard"). Consultants not required to follow a professional standard shall exercise the degree of care required of ordinary persons.

2.9 For portions of the Scope of Work to be performed on a time and material basis, Consultant shall assign personnel, whether employees or Subconsultants, with the lowest applicable hourly rate who are fully competent to provide the services required. If Consultant finds it necessary to have any portion of the Scope of Work, which this Section 2.9 would require to be performed by personnel at a lower rate, to be performed by personnel at a higher rate, Consultant shall, nevertheless, invoice City at the lower rate.

2.10 Consultant shall promptly consider and implement, to the reasonable satisfaction of Director, any written comments of Director.

2.11 Consultant shall review information provided by City's Harbor Department. Any such information reasonably believed by Consultant to be inaccurate, incomplete or inapplicable shall be brought promptly to the attention of Director in writing.

2.12 Consultant shall perform the Scope of Work as expeditiously as possible and at the time or times required by the Director. Time is of the essence in the performance of the Scope of Work. Consultant's failure to conform to the schedule set forth in a project directive shall entitle City to have services completed by others, shall obligate Consultant to pay City's cost to undertake completion of such services, and shall authorize City to withhold such amounts from any payments otherwise due to Consultant. Consultant's failure to timely perform in accordance with the schedule set forth in a project directive shall result in economic losses to the City, including, but not limited to, the timely bidding and awarding of contracts, completion of the project in connection with which Consultant's services are rendered and the use of such project by City's Harbor Department, its tenants and the public.

### 3. Services To Be Performed By City.

3.1 City's Harbor Department shall provide Consultant with available and/or necessary horizontal and vertical survey data in the form of field notes or electronic format as maintained by City's Harbor Department, access to public records, prints of existing aerial photos, existing planimetric maps, environmental documents, existing oceanographic studies and existing soil reports in the vicinity, previous specifications and other information which, in the sole reasonable discretion of Director, shall assist in completing the Scope of Work.

3.2 Consultant shall provide Director with reasonable advance written notice if it requires access to premises of City's Harbor Department. Subsequent access rights, if any, shall be granted to Consultant at the sole reasonable discretion of Director, specifying conditions Consultant must satisfy in connection with such access. Consultant acknowledges that such premises may be occupied or used by tenants or contractors of City and that access rights granted by City's Harbor Department to Consultant shall be consistent with any such occupancy or use.

3.3 City shall not be obligated to provide information and/or services except as specified in this Agreement.

4. Effective Date and Term.

4.1 After approval by City in accordance with Section 245 of City's Charter, the effective date of this Agreement shall be the date of its execution by Executive Director. Consultant acknowledges that Section 245 of City's Charter furnishes to the City Council of City ("Council") the right to review this Agreement and that this Agreement shall not become effective until the sixth Council meeting day after approval of this Agreement by Board or Council's approval of the Agreement.

4.2 The term of this Agreement shall not exceed three (3) years, commencing on the Agreement's effective date. This Agreement shall be in full force and effect until:

- a. Director determines that Consultant has completed the Scope of Work and provides Consultant written notice thereof; or
- b. Board, in its sole discretion, terminates this Agreement, which termination shall become effective five (5) calendar days following Executive Director's transmittal of written notice advising Consultant of such action by Board. Upon receipt of such written notice, Consultant shall cease the performance of the Scope of Work. Consultant shall be entitled to compensation only for services actually performed prior to such termination. Director, in his or her sole reasonable discretion, shall determine the amount of services actually performed and shall allocate a portion of the total compensation due Consultant accordingly. If Board so terminates this Agreement, Consultant shall deliver all drawings, specifications, plans, reports, studies, calculations, estimates, documents and other work product produced pursuant to this Agreement to City in an organized, usable form with all items properly labeled to the degree of detail specified by the Director. No compensation shall be due Consultant until it complies with the requirements of this paragraph; or
- c. Three (3) years have elapsed from the effective date of the Agreement.

4.3. Notwithstanding the foregoing, this Agreement is subject to the provisions of City's Charter which, among other things, precludes City from making any expenditure of funds or incurring any liability, including contractual commitments, in excess of the amount appropriated therefor. Board, in awarding this Agreement, is

expected to appropriate sufficient funds to meet the estimated expenditure of funds through June 30 of the current fiscal year and to make further appropriations in each succeeding fiscal year during the life of the Agreement. However, Board is under no legal obligation to do so. City, its boards, officers, and employees are not bound by the terms of this Agreement or obligated to make payment thereunder in any fiscal year in which the Board does not appropriate funds therefor. Consultant is not entitled to any compensation in any fiscal year in which funds have not been appropriated for the Agreement by Board.

Although Consultant is not obligated to perform any services required by the Scope of Work in any fiscal year in which no appropriation for the Agreement has been made, Consultant shall resume performance of the Scope of Work on the same terms and conditions for a period of sixty (60) days after the end of the fiscal year if an appropriation therefor is approved by Board within that sixty (60) day period. Consultant is responsible for maintaining all insurance and bonds during this sixty (60) day period. The time for performance shall be extended during this period until the appropriation is made; however, such extension of time is not compensable.

If in any subsequent fiscal year funds are not appropriated by Board for this Agreement, this Agreement shall be terminated. However, such termination shall not relieve the parties of liability for any obligation previously incurred.

## 5. Compensation.

5.1 For the full and satisfactory performance of the Scope of Work, City shall pay Consultant and Consultant shall accept a sum not to exceed Five Million Four Hundred Thousand Dollars (\$5,400,000). The total sum payable under this Agreement shall be determined by Project Directives and Consultant acknowledges that final compensation may not reach the maximum sum allowed for herein.

5.2 Compensation payable under this Agreement for payment for labor, travel, per diem, materials, supplies, transportation, and all other direct and indirect costs and expenses incurred by Consultant ("Expenses") are listed in Exhibit "D." No markups or premiums shall be applied to services performed by Subconsultants unless Exhibit "D" expressly so allows.

5.3 Compensation payable under this Agreement shall be on a (1) Fixed Fee, (2) Time and Materials, (3) Equal Payment or (4) any combination of the three, as may be more particularly specified in a Project Directive.

a. Fixed Fee. Lump sum compensation for satisfactory performance as may be specified in a particular Project Directive.

b. Time and Materials Fee. Consultant shall be paid based on the actual time expended in the performance of Tasks using the applicable rates set forth in Exhibit "D." Consultant will also be reimbursed for materials and other out-of-pocket expenses at cost. The rates identified in Exhibit "D" state the maximum rates Consultant shall charge under this Agreement. No premium rates, including, but not limited to, overtime or hazardous duty premiums, shall

be charged unless authorized in Exhibit "D."

c. Equal Payment Fee. Consultant shall be paid equal amounts over time throughout a particular Project Directive, up to the stated fixed amount.

5.4 Each month during the term of this Agreement, as a prerequisite to payment for services, Consultant shall submit a written invoice to City's Harbor Department for services performed during the prior month, accompanied by such records and receipts as may be required by Section 5.5. Each such invoice shall bear a City Business Tax Registration Number and a Taxpayer Identification Number. Each invoice shall identify all services performed by Subconsultants. If payments are to be based on the performance of established milestones, Consultant shall bill as each milestone is completed, but not more often than once a month.

Consultant shall submit one (1) original and three (3) copies of each such invoice for payment in the format that contains the information specified in Exhibit "E." and that includes the following certification:

"I certify under penalty of perjury that the above bill is just and correct according to the terms of Agreement No. \_\_\_\_\_ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance.

\_\_\_\_\_  
(signed)

5.5 Consultant shall submit supporting documents with each invoice, which may include, but not be limited to, provider invoices, receipts, payrolls, and time sheets. Consultant is not required to submit support for direct costs items of \$25 or less.

5.6 If Consultant utilizes Subconsultants to perform aspects of the Scope of Work, Consultant shall submit to City, with each monthly invoice, a Monthly Subconsultant Monitoring Report in the form attached hereto as Exhibit "F." Consultant shall provide an explanation for any item that does not meet or exceed the participation levels required by a particular Directive, with specific plans and recommendations for improved subconsultant utilization. Invoices will not be paid without a completed Monthly Subconsultant Monitoring Report form.

5.7 All sums due and payable to Consultant shall be paid as soon as, in the ordinary course of City business, the same may be reviewed and approved.

For payment and processing, all invoices shall be mailed to the following address:

Accounts Payable Section  
Harbor Department, City of Los Angeles  
P.O. Box 191  
San Pedro, CA 90733-0191

6. Recordkeeping and Audit Rights.

6.1 Consultant shall keep and maintain full, complete and accurate books of accounts and records of the services performed under this Agreement in accordance with generally accepted accounting principles consistently applied. Consultant's books and records shall be readily accessible to and open for inspection and copying at the premises by City, its auditors or other authorized representatives. Notwithstanding any other provision of this Agreement, failure to do so shall constitute a conclusive waiver of any right to compensation for such services as are otherwise compensable hereunder. Such books and records shall be maintained by Consultant for a period of three (3) years after completion of services to be performed under this Agreement or until all disputes, appeals, litigation or claims arising from this Agreement have been resolved.

6.2 During the term of this Agreement, City may audit, review and copy any and all writings (as that term is defined in Section 250 of the California Evidence Code) of Consultant and Subconsultants arising from or related to this Agreement or performance of the Scope of Work, whether such writings are (a) in final form or not, (b) prepared by Consultant, Subconsultants or any individual or entity acting for or on behalf of Consultant or a Subconsultant, and (c) without regard to whether such writings have previously been provided to City. Consultant shall be responsible for obtaining access to and providing writings of Subconsultants. Consultant shall provide City at Consultant's sole cost and expense a copy of all such writings within fourteen (14) calendar days of a written request by City. City's right shall also include inspection at reasonable times of the Consultant's office or facilities which are engaged in the performance of the Scope of Work. Consultant shall, at no cost to City, furnish reasonable facilities and assistance for such review and audit. Consultant's failure to comply with this Section 6.2 shall constitute a material breach of this Agreement and shall entitle City to withhold any payment due under this Agreement until such breach is cured.

7. Consultant Is An Independent Contractor.

Consultant, in the performance of the Scope of Work, is an independent contractor and not an agent or employee of City. Consultant shall not represent itself as an agent or employee of the City and shall have no power to bind the City in contract or otherwise.

8. Business Tax Registration Certificate.

City's Office of Finance requires the implementation and enforcement of Los Angeles Municipal Code Section 21.09 et seq. This section provides that every person, other than a municipal employee, who engages in any business within City, is required to obtain the necessary Business Tax Registration Certificate and pay business taxes. The City Controller has determined that this Code Section applies to consulting firms that are doing work for City's Harbor Department. See Exhibit "G."

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## 9. Indemnification and Insurance.

### 9.1 Indemnification

Except for the sole negligence or willful misconduct of the City, or any of its Boards, Officers, Agents, Employees, Assigns and Successors in Interest, Consultant undertakes and agrees to defend, indemnify and hold harmless the City and any of its Boards, Officers, Agents, Employees, Assigns, and Successors in Interest from and against all suits and causes of action, claims, losses, demands and expenses, including, but not limited to, attorney's fees (both in house and outside counsel) and cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), damages or liability of any nature whatsoever, for death or injury to any person, including Consultant's employees and agents, or damage or destruction of any property of either party hereto or of third parties, arising in any manner by reason of the negligent acts, errors, omissions or willful misconduct incident to the performance of this Agreement by Consultant or its subcontractors of any tier. Rights and remedies available to the City under this provision are cumulative of those provided for elsewhere in this Agreement and those allowed under the laws of the United States, the State of California, and the City.

### 9.2 Acceptable Evidence and Approval of Insurance

Electronic submission is the required method of submitting Consultant's insurance documents. Track4LA<sup>®</sup> is the City's online insurance compliance system and is designed to make the experience of submitting and retrieving insurance information quick and easy. The system is designed to be used primarily by insurance brokers and agents as they submit client insurance certificates directly to the City. It uses the standard insurance industry form known as the ACORD 25 Certificate of Liability Insurance in electronic format. The advantages of Track4LA<sup>®</sup> include standardized, universally accepted forms, paperless approval transactions (24 hours, 7 days per week), and security checks and balances. Consultant's insurance broker or agent shall obtain access to Track4LA<sup>®</sup> at <http://track4la.lacity.org/> and follow the instructions to register and submit the appropriate proof of insurance on Consultant's behalf.

### 9.3 General Liability Insurance

Consultant shall procure and maintain in effect throughout the term of this Agreement, without requiring additional compensation from the City, commercial general liability insurance covering personal and advertising injury, bodily injury, and property damage providing contractual liability, independent contractors, products and completed operations, and premises/operations coverage written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than Five Million Dollars (\$5,000,000) combined single limit for injury or claim. Said limits shall provide first dollar coverage except that Executive Director may permit a self-insured retention or self-insurance in those cases where, in his or her judgment, such retention or self-insurance is justified by the net worth of Consultant. The retention or self-insurance provided shall provide that any other insurance maintained by the Harbor Department shall be excess of Consultant's insurance and shall not contribute to it. In all cases,

regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Additionally, each policy shall include an additional insured endorsement (CG 2010 or equivalent) naming the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds, a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons. Consultant's insurance broker or agent shall submit for approval on Consultant's behalf said insurance to the City's online insurance compliance system Track4LA<sup>®</sup> at <http://track4la.lacity.org/>.

#### 9.4 Automobile Liability Insurance

Consultant shall procure and maintain at its expense and keep in force at all times during the term of this Agreement, automobile liability insurance written by an insurance company authorized to do business in the State of California rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if Best's is not available) within Consultant's normal limits of liability but not less than One Million Dollars (\$1,000,000) covering damages, injuries or death resulting from each accident or claim arising out of any one claim or accident. Said insurance shall protect against claims arising from actions or operations of the insured, or by its employees. Coverage shall contain a defense of suits provision and a severability of interest clause. Additionally, each policy shall include an additional insured endorsement (CG 2010 or equivalent) naming the City of Los Angeles Harbor Department, its officers, agents and employees as Primary additional insureds, a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons. Consultant's insurance broker or agent shall submit for approval on Consultant's behalf said insurance to the City's online insurance compliance system Track4LA<sup>®</sup> at <http://track4la.lacity.org/>.

#### 9.5 Workers' Compensation and Employer's Liability

Consultant shall certify that it is aware of the provisions of Section 3700 of the California Labor code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and that Consultant shall comply with such provisions before commencing the performance of the tasks under this Agreement. Coverage for claims under U.S. Longshore and Harbor Workers' Compensation Act, if required under applicable law, shall be included. Consultant shall submit Workers' Compensation policies whether underwritten by the state insurance fund or private carrier, which provide that the public or private carrier waives its right of subrogation against the City in any circumstance in which it is alleged that actions or omissions of the City contributed to the accident. Such Worker's Compensation and occupational disease requirements shall include coverage for all employees of Consultant, and for all employees of any subcontractor or other vendor retained by Consultant. Consultant's insurance broker or agent shall submit for approval on Consultant's behalf said insurance to the City's online insurance compliance system Track4LA<sup>®</sup> at <http://track4la.lacity.org/>.

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## 9.6 Professional Liability Insurance

Consultant is required to provide Professional Liability insurance with respect to negligent or wrongful acts, errors or omissions, or failure to render services in connection with the professional services to be provided under this Agreement. This insurance shall protect against claims arising from professional services of the insured, or by its employees, agents, or contractors, and include coverage (or no exclusion) for contractual liability.

Consultant certifies that it now has professional liability insurance in the amount of Five Million Dollars (\$5,000,000), which covers work to be performed pursuant to this Agreement and that it will keep such insurance or its equivalent in effect at all times during performance of said Agreement and until two (2) years following acceptance of the completed project by Board.

Each policy shall include a 10-days notice of cancellation for nonpayment of premium, and a 30-days notice of cancellation for any other reasons. Consultant's insurance broker or agent shall submit for approval on Consultant's behalf said insurance to the City's online insurance compliance system Track4LA<sup>®</sup> at <http://track4la.lacity.org/>.

Notice of occurrences of claims under the policy shall be made to the City Attorney's office with copies to Risk Management.

## 9.7 Carrier Requirements

All insurance which Consultant is required to provide pursuant to this Agreement shall be placed with insurance carriers authorized to do business in the State of California and which are rated A-, VII or better in Best's Insurance Guide. Carriers without a Best's rating shall meet comparable standards in another rating service acceptable to City.

## 9.8 Notice of Cancellation

Each insurance policy described above shall provide that it will not be canceled or reduced in coverage until after the Board of Harbor Commissioners, Attention: Risk Manager and the City Attorney of City have each been given thirty (30) days' prior written notice by registered mail addressed to 425 S. Palos Verdes Street, San Pedro, California 90731.

## 9.9 Copies of Policies

Two certified copies of each policy containing the additional insured and 30-day cancellation notice language shall be furnished to Executive Director. Alternatively, two duplicate original additional insured endorsements on forms provided by the Department, as indicated above, may be submitted. The form of such policy or endorsement shall be subject to the approval of the Risk Manager of the Department.

## 9.10 Modification of Coverage

Executive Director, at his or her discretion, based upon recommendation of independent insurance consultants to City, may increase or decrease amounts and types of insurance coverage required hereunder at any time during the term hereof by

giving ninety (90) days' prior written notice to Consultant.

#### 9.11 Renewal of Policies

At least thirty (30) days prior to the expiration of each policy, Consultant shall furnish to Executive Director a renewal endorsement or renewal certificate showing that the policy has been renewed or extended or, if new insurance has been obtained, evidence of insurance as specified above. If Consultant neglects or fails to secure or maintain the insurance required above, Executive Director may, at his or her own option but without any obligation, obtain such insurance to protect City's interests. The cost of such insurance will be deducted from the next payment due Consultant.

#### 9.12 Right to Self-Insure

Upon written approval by the Executive Director, Consultant may self-insure if the following conditions are met:

1. Consultant has a formal self-insurance program in place prior to execution of this Agreement. If a corporation, Consultant must have a formal resolution of its board of directors authorizing self-insurance.
2. Consultant agrees to protect the City, its boards, officers, agents and employees at the same level as would be provided by full insurance with respect to types of coverage and minimum limits of liability required by this Agreement.
3. Consultant agrees to defend the City, its boards, officers, agents and employees in any lawsuit that would otherwise be defended by an insurance carrier.
4. Consultant agrees that any insurance carried by Department is excess of Consultant's self-insurance and will not contribute to it.
5. Consultant provides the name and address of its claims administrator.
6. Consultant submits a Financial Statement or Balance Sheet prior to Executive Director's consideration of approval of self-insurance and annually thereafter evidence of financial capacity to cover the self-insurance.
7. Consultant agrees to inform Department in writing immediately of any change in its status or policy which would materially affect the protection afforded Department by this self-insurance.
8. Consultant has complied with all laws pertaining to self-insurance.

#### 9.13 Accident Reports

Consultant shall report in writing to Executive Director within fifteen (15) calendar

days after it, its officers or managing agents have knowledge of any accident or occurrence involving death of or injury to any person or persons, or damage in excess of Five Hundred Dollars (\$500.00) to property, occurring upon the premises, or elsewhere within the Port of Los Angeles if Consultant's officers, agents or employees are involved in such an accident or occurrence. Such report shall contain to the extent available (1) the name and address of the persons involved, (2) a general statement as to the nature and extent of injury or damage, (3) the date and hour of occurrence, (4) the names and addresses of known witnesses, and (5) such other information as may be known to Consultant, its officers or managing agents.

10. Personal Services Agreement.

10.1 During the term of this Agreement, Consultant agrees that it will not enter into other contracts or perform any work without the written permission of the Executive Director where the work may conflict with the interests of City's Harbor Department.

10.2 Consultant acknowledges that it has been selected to perform the Scope of Work because of its experience, qualifications and expertise. Any assignment or other transfer of this Agreement or any part hereof shall be void provided, however, that Consultant may permit Subconsultant(s) to perform portions of the Scope of Work in accordance with Section 2.3. All Subconsultants whom Consultant utilizes, however, shall be deemed to be its agents. Subconsultants' performance of the Scope of Work shall not be deemed to release Consultant from its obligations under this Agreement or to impose any obligation on the City to such Subconsultant(s) or give the Subconsultant(s) any rights against the City.

11. Confidentiality.

Consultant shall not disclose any proprietary or confidential information of City to any third party or parties during or after the term of this Agreement without the prior written consent of City. The data, documents, reports, or other materials which contain information relating to the review, documentation, analysis and evaluation of the Scope of Work and any recommendations made by Consultant relative thereto shall be considered confidential and shall not be reproduced, altered, used or disseminated by Consultant or its employees or agents in any manner except and only to the extent necessary in the performance of the work under this Agreement. In addition, Consultant is required to safeguard such information from access by unauthorized personnel.

12. Affirmative Action.

Consultant shall not discriminate in its employment practices against any employee or applicant for employment because of employee's or applicant's race, religion, national origin, ancestry, sex, age, sexual orientation, disability, marital status, domestic partner status, or medical condition. The provisions of Section 10.8.4 of the Los Angeles Administrative Code are incorporated herein by this reference and made a part of this Agreement. All subcontracts awarded shall contain a like nondiscrimination provision. See Exhibit "H."

13. Small Business Development Program.

It is the policy of City's Harbor Department to provide Small Business Enterprises

("SBE") and Minority-Owned, Women-Owned and all Other Business Enterprises ("MBE"/"WBE"/"OBE") an equal opportunity to participate in the performance of all City contracts in all areas where such contracts afford such participation opportunities. Consultant shall assist City's Harbor Department in implementing this policy and shall use its best efforts to afford the opportunity for SBEs, MBEs, WBEs, and OBEs to achieve participation in subcontracts where such participation opportunities present themselves and attempt to ensure that all available business enterprises, including SBEs, MBEs, WBEs, and OBEs, have equal participation opportunities which might be presented under this Agreement. See Exhibit "I."

NOTE: Prior to being awarded a contract with the City, Consultant and all Subconsultants must be registered on the City's Contracts Management and Opportunities Database, Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org>.

14. Conflict of Interest.

Consultant has reviewed and understands the provisions of Section 1090 et seq. and Section 87100 et seq. of the California Government Code relating to conflict of interest of public officers and employees, as well as the Los Angeles Municipal Code ("LAMC") Municipal Ethics and Conflict of Interest provisions of Section 49.5.1 et seq. and the Conflict of Interest Codes of the City and City's Harbor Department. All parties hereto agree that they are unaware of any financial or economic interest of any public officer or employee of City relating to this Agreement. Notwithstanding any other provision of this Agreement, it is further understood and agreed that if such financial interest does exist at the inception of this Agreement, City may immediately terminate this Agreement by giving written notice thereof. Consultant's signature of this Agreement constitutes its affirmation that any former employees of City or City's Harbor Department that are employed by Consultant and that assist in performing the Scope of Work shall be free of any conflicts of interest with respect to City and City's Harbor Department.

15. Compliance with Applicable Laws.

Consultant's activities under this Agreement, including its performance of the Scope of Work, shall comply with all federal, state, municipal, local and departmental laws, ordinances, rules, regulations, and orders. If in any instance a City standard is more stringent than a state, federal or other requirement, the City standard shall be followed unless the Director notifies the Consultant otherwise in writing, in which case the requirements of said notification shall apply.

16. Trademarks, Copyrights and Patents.

Consultant shall promptly and fully inform Director in writing of any patents, trademarks or copyrights related to services provided under this Agreement or patent trademark or copyright disputes, existing or potential, which Consultant has knowledge of, relating to any idea, design, method, material, equipment or other matter connected to this Agreement. Consultant agrees to save, keep, hold harmless, protect and indemnify City and any of its officers or agents from any damages, cost, or expenses in law or equity from infringement of any patent, trademark, service mark or copyright of any person or persons, or corporations in consequence of the use by City of any materials supplied by Consultant in the performance of this Agreement.

17. Proprietary Information.

Writings, as that term is defined in Section 250 of the California Evidence Code (including, without limitation, drawings, specifications, estimates, reports, records, reference material, data, charts, documents, renderings, computations, computer tapes or disks, submittals and other items of any type whatsoever, whether in the form of writing, figures or delineations), which are obtained, generated, compiled or derived in connection with this Agreement (collectively hereafter referred to as "property"), are owned by City as soon as they are developed, whether in draft or final form. City has the right to use or permit the use of property and any ideas or methods represented by such property for any purpose and at any time without compensation other than that provided in this Agreement. Consultant hereby warrants and represents that City at all times owns rights provided for in this section free and clear of all third-party claims whether presently existing or arising in the future, whether or not presently known. Consultant need not obtain for City the right to use any idea, design, method, material, equipment or other matter which is the subject of a valid patent, unless such patent is owned by Consultant or one of its employees, or its Subconsultant or the Subconsultant's employees, in which case such right shall be obtained without additional compensation. Whether or not Consultant's initial proposal or proposals made during this Agreement are accepted by City, it is agreed that all information of any nature whatsoever connected with the Scope of Work, regardless of the form of communication, which has been or may be given by Consultant, its Subconsultants or on either's behalf, whether prior or subsequent to this Agreement becoming effective, to the City, its boards, officers, agents or employees, is not given in confidence. Accordingly, City or its designees may use or disclose such information without liability of any kind, except as may arise under valid patents.

18. Royalty-Free License.

If research or development is furnished in connection with this Agreement and if, in the course of such research or development, patentable work product is produced by Consultant, its officers, agents, employees, or Subconsultants, the City shall have, without cost or expense to it, an irrevocable, non-exclusive royalty-free license to make and use, itself or by anyone on its behalf, such work product in connection with any activity now or hereafter engaged in or permitted by City. Upon City's request, Consultant, at its sole cost and expense, shall promptly furnish or obtain from the appropriate person a form of license satisfactory to the City. It is expressly understood and agreed that, as between City and Consultant, the referenced license shall arise for City's benefit immediately upon the production of the work product, and is not dependent on the written license specified above. City may transfer such license to its successors in the operation or ownership of any real or personal property now or hereafter owned or operated by City.

19. City's Disclosure Obligations.

Consultant acknowledges that City is subject to laws, rules and/or regulations generally requiring it to disclose records upon request, which laws, rules and/or regulations include, but are not limited to, the California Public Records Act (California Government Code Sections 6250 et seq.) ("Disclosure Laws").

20. Notices.

In all cases where written notice is to be given under this Agreement, service shall be deemed sufficient if said notice is deposited in the United States mail, postage prepaid. When so given, such notice shall be effective from the date of mailing of the same. For the purpose hereof, unless otherwise provided by notice in writing from the respective parties, notice to City's Harbor Department shall be addressed to Executive Director, Los Angeles Harbor Department, P.O. Box 151, San Pedro, California 90733-0151, and notice to Consultant shall be addressed to it at the address set forth above. Nothing herein contained shall preclude or render inoperative service of such notice in the manner provided by law.

21. Taxpayer Identification Number ("TIN").

The Internal Revenue Service (IRS) requires that all consultants and suppliers of materials and supplies provide a TIN to the party that pays them. Consultant declares that its authorized TIN is 95-4148514. No payments will be made under this Agreement without a valid TIN.

22. Service Contractor Worker Retention Policy and Living Wage Requirements.

Board adopted Resolution No. 5771 on January 13, 1999, agreeing to adopt the provisions of Los Angeles City Ordinance No. 171004 relating to Service Contractor Worker Retention ("SCWR"), Section 10.36 et seq. of the Los Angeles Administrative Code, as the policy of City's Harbor Department. Further, Charter Section 378 requires compliance with the City's Living Wage requirements as set forth by ordinance, Section 10.37 et seq. of the Los Angeles Administrative Code. Consultant shall comply with the policy wherever applicable. Violation of this provision, where applicable, shall entitle City to terminate this Agreement and otherwise pursue legal remedies that may be available.

23. Wage and Earnings Assignment Orders/Notices of Assignments.

Consultant and Subconsultants shall comply with all applicable state and federal employment reporting requirements for employees.

Consultant and Subconsultants shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment Orders and Notices of Assignments applicable to them personally. Consultant and Subconsultants shall fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with Section 5230 et seq. of the California Family Code.

24. Equal Benefits Policy.

Board adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance No. 172,908, as amended, relating to Equal Benefits, Section 10.8.2.1 et seq. of the Los Angeles Administrative Code, as a policy of City's Harbor Department. Consultant shall comply with the policy wherever applicable. Violation of this policy shall entitle the City to terminate any agreement with Consultant and pursue any and all other legal remedies that may be available. See

Exhibit "J."

25. State Tidelands Grants.

This Agreement is entered into in furtherance of and as a benefit to the State Tidelands Grant and the trust created thereby. Therefore, this Agreement is at all times subject to the limitations, conditions, restrictions and reservations contained in and prescribed by the Act of the Legislature of the State of California entitled "An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City," approved June 3, 1929 (Stats. 1929, Ch. 651), as amended, and provisions of Article VI of the Charter of the City of Los Angeles relating to such lands. Consultant agrees that any interpretation of this Agreement and the terms contained herein must be consistent with such limitations, conditions, restrictions and reservations.

26. Construction of Agreement.

This Agreement shall not be construed against the party preparing the same, shall be construed without regard to the identity of the person who drafted such and shall be construed as if all parties had jointly prepared this Agreement and it shall be deemed their joint work product; each and every provision of this Agreement shall be construed as though all of the parties hereto participated equally in the drafting hereof; and any uncertainty or ambiguity shall not be interpreted against any one party. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting party shall not be applicable.

27. Titles and Captions.

The parties have inserted the section titles in this Agreement only as a matter of convenience and for reference, and the section titles in no way define, limit, extend or describe the scope of this Agreement or the intent of the parties in including any particular provision in this Agreement.

28. Modification in Writing.

This Agreement may be modified only by written agreement of all parties. Any such modifications are subject to all applicable approval processes required by, without limitation, City's Charter and City's Administrative Code.

29. Waiver.

A failure of any party to this Agreement to enforce the Agreement upon a breach or default shall not waive the breach or default or any other breach or default. All waivers shall be in writing.

30. Governing Law.

This Agreement is made and entered into in the State of California and shall in all respects be construed, interpreted, enforced and governed under and by the laws of the State of California, without reference to choice of law rules.

31. Severability.

Should any part, term, condition or provision of this Agreement be declared or determined by any court of competent jurisdiction to be invalid, illegal or incapable of being enforced by any rule of law, public policy, or city charter, the validity of the remaining parts, terms, conditions or provisions of this Agreement shall not be affected thereby, and such invalid, illegal or unenforceable part, term, condition or provision shall be treated as follows: (a) if such part, term, condition or provision is immaterial to this Agreement, then such part, term, condition or provision shall be deemed not to be a part of this Agreement; or (b) if such part, term, condition or provision is material to this Agreement, then the parties shall revise the part, term, condition or provision so as to comply with the applicable law or public policy and to effect the original intent of the parties as closely as possible.

32. Jurisdiction.

The parties hereto consent to the jurisdiction of the State of California for the enforcement of this Agreement.

33. Integrated Agreement.

This Agreement contains the entire understanding and agreement between the parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this Agreement by reference shall be deemed in any way to exist or bind any of the parties. Each party acknowledges that it has not been induced to enter into the Agreement and has not executed the Agreement in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the Agreement. **THE PARTIES ACKNOWLEDGE THAT THIS AGREEMENT IS INTENDED TO BE, AND IS, AN INTEGRATED AGREEMENT.**

34. Exhibits; Sections.

All exhibits to which reference is made in this Agreement are deemed incorporated in this Agreement, whether or not actually attached. To the extent the terms of an exhibit conflict with or appear to conflict with the terms of the body of the Agreement, the terms of the body of the Agreement shall control. References to sections are to sections of this Agreement unless stated otherwise.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date next to their signatures.

THE CITY OF LOS ANGELES, by its  
Board of Harbor Commissioners

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Executive Director

Attest: \_\_\_\_\_  
Secretary

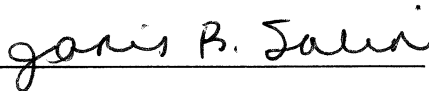
TETRA TECH, INC.

Date: February 11, 2011

By: 

Name: William R. Brownlie

Title: Sr. V. P. and Chief Engineer

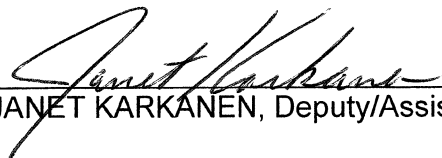
Attest: 

Name: Janis B. Salin

Title: Sr. V. P., General Counsel & Secretary

APPROVED AS TO FORM AND LEGALITY

March 2, 2011  
CARMEN A. TRUTANICH, City Attorney

By   
JANET KARKANEN, Deputy/Assistant

(Funds Available Stamp On Following Page)

AGREEMENT  
 BETWEEN THE CITY OF LOS ANGELES  
 AND TETRA TECH, INC.

FUNDS AVAILABLE STAMP

Account #	54260		21995
Proj/Prog #	000		000
W.O. #	11111		11111
Job Fac. #	111-11		111-11
<b>Budget</b>	<b>Ctr.</b>		
<b>FY:</b>	<b>0330</b>	<b>Ctr. 0331</b>	<b>Ctr. 1005</b>
			<b>Ctr. 7000</b>
2010-11	\$33,570	\$79,380	\$33,570
			\$79,380
2011-12	\$208,950	\$788,050	\$208,950
			\$788,050
2012-13	\$208,950	\$788,050	\$208,950
			\$788,050
2013-14	\$128,750	\$464,300	\$128,750
			\$464,300
<b>Total:</b>	<b>\$580,220</b>	<b>\$2,119,78</b>	<b>\$580,220</b>
		0	0

Contract Total: \$5,400,00  
0

For Acct/Budget Div. Use Only:

Verified by: \_\_\_\_\_

Verified Funds Available: \_\_\_\_\_

Date: \_\_\_\_\_

Approved: \_\_\_\_\_

## **Exhibit "A" – PROJECT SCOPE OF WORK**

Consultant may be asked to perform one or more of the following services on an as-needed basis. A general description of each activity is provided below.

- A. Phase I Environmental Site Assessments
- B. Phase II Remedial Investigations/Site Characterizations
- C. Site Monitoring & Sampling
- D. Remedial Feasibility Studies and Action Plans which may include:
  - Fate and Transport Studies
  - Pilot Test Workplans and treatability Studies
  - Evaluation of remedial action alternatives
  - Recommended remedial action with justification
  - Risk Assessment (Health-Based and Ecological)
  - Evaluation of public health and environmental concerns.
  - Setting clean-up levels
- E. Remedial Actions and Remediation Systems O&M
- F. Site Closure Reports
- G. Environmental Compliance Assessments
- H. Regulatory Agency Coordination and Regulatory Expertise
- I. Technical Expertise and Design Services
- J. Review of Environmental Documents
- K. Litigation Support Services

### **A. Phase I Environmental Site Assessments for Property Acquisitions/Divestitures**

As part of the Port's ongoing property acquisition and divestiture programs, Phase I Environmental Site Assessments, following ASTM E1527 - 05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. These assessments must be performed by Environmental Professionals, as defined in ASTM E1527, to determine existing environmental conditions as a baseline for new POLA tenants, prior to property acquisition or divestments, and to establish site conditions prior to release of lease from a current tenant. The Port may also conduct Phase I Site Assessments on parcels slated for development. Phase I may include surveys for lead-based paint and/or asbestos containing material. Based on the findings of these site assessments, further characterization work may be required.

## **B. Phase II- Remedial Investigations/Site Characterizations**

The various activities within the Port which may require remedial investigations/site characterizations include:

- Properties identified in Phase I Site Assessments as having potential contamination.
- Port-owned properties involved in lease renewals and/or terminations.
- Port-owned properties involved in construction projects or site improvements associated with Port development.

Parcels which may require remedial investigations/site characterizations range in size from as small as 5,000 square feet to 300 acres, with an average size of approximately 5 acres. This work is performed in coordination with one or more divisions of the Harbor Department, such as Engineering, Construction, Real Estate, City Attorney, Risk Management, Port Police, Planning & Research, and Marketing Divisions.

Based on historical land uses within the Port area, typical contaminants which may be present in soil and/or groundwater are petroleum hydrocarbons, volatile organic compounds including halogenated volatile organics, and heavy metals (primarily lead, copper, arsenic, and cadmium). The groundwater depth varies from approximately 5 to 25 feet below surface. The direction and gradient of groundwater movement at the investigation sites is variable. The groundwater quality is primarily brackish and considered non-potable. The underlying sediments contain formations from the Quaternary-Recent (Alluvium Formation) which consists of river sands and gravels that occur from the surface to a depth of approximately 200 feet. Some sites may be located on historic dredge material.

Consultant services are requested to perform remedial investigations/site characterizations which adequately define and characterize the nature and extent of soil and/or groundwater contamination that may exist at the project site. Investigations and characterizations must meet requirements of both the Port's site characterization guidelines and the applicable regulatory oversight agencies. The Consultant will coordinate and handle the disposal of all investigation derived waste materials.

Site investigations will be performed using a variety of investigatory techniques including geophysical, soil gas, hand auger, direct push and CPT, soil borings (with concurrent soil logging using USCS protocol), and monitoring well installation and sampling. Field investigations must be designed and directed by either a California licensed Professional Geologist, Professional Engineering Geologist, Certified Hydrogeologist,

or Professional Engineer (PG, C.H.G, C.E.G. or PE) with demonstrable experience conducting and overseeing such work.

Soil, groundwater, and soil vapor samples may be collected during the site characterization activities. These samples shall be submitted under chain of custody protocol to a laboratory accredited by the State of California, Department of Health Services to perform analyses per the Environmental Laboratory Accreditation Program (ELAP). Laboratory results must be provided in 5 to 7 business days as the normal turn-around time. Please indicate laboratory surcharges for expedited turn-around time (5 day, 48 hour, and 24 hour).

**C. Site Monitoring and Sampling**

Scope of work will include but are not limited to well maintenance, additional well installation, quarterly sample collections, and reporting. Sampling activities will be conducted by personnel working under the direct supervision of a California Licensed Professional Engineer (Civil) or Professional Geologist. All samples collected that require analysis will be analyzed by a California certified environmental laboratory with a standard turnaround time of no more than 5 to 7 business days. The consultant will follow protocols set by industry and lead agency standards for collection and analysis of samples. In addition, the consultant must demonstrate knowledge and past experience in collecting soil, soil-gas, sediments, water, and groundwater samples.

**D. Remedial Feasibility Studies and Action Plans**

The Consultant may be requested to develop remedial feasibility studies and action plans to analyze and evaluate the effectiveness and feasibility of clean-up options for particular sites. This may involve, but not be limited to, the following:

- Fate and Transport Studies.
- Pilot Test Workplans and Treatability Studies.
- Evaluation of remedial action alternatives.
- Recommended remedial action with justification.
- Risk Assessments (health-based and ecological).
- Evaluation of public health and environmental concerns.
- Setting clean-up levels.

Fate and transport studies may include contaminant modeling from soil to groundwater to potential sensitive receptors and from soil to atmosphere to potential sensitive receptors. The Consultant will seek an agreement with the lead agency on the approved modeling approach and software when needed. Using the Conceptual Site Model (CSM), the Consultant will

evaluate whether potential risk to human health and/or the environment exists (i.e., whether there is a complete pathway). Objectives of a human health risk assessment include:

- Evaluation of baseline risks to human health and the environment as compared to potential incremental human health risks from the presence of chemicals of concern.
- Estimation of mass concentrations of chemicals that can remain on site and not pose a statistical threat to protection of human health and the environment.
- Evaluation of existing/potential future risks to on- and off-site human receptors.
- Evaluation and comparison of the potential reduction in risk to human health and the environment from identified remedial alternatives.

If the CSM suggests a complete exposure pathway to ecological receptors, an ecological assessment may be conducted. The ecological assessment can be either a qualitative and/or quantitative appraisal of the actual or potential effects on the environment.

The remedial feasibility studies and action plans should discuss remedial alternatives for the restoration of a site as well as any associated environmental impacts. The plans must adhere to federal and state protocols and shall include the following elements: executive summary; preliminary remedial technology; development of alternatives; evaluation of alternatives; risk assessment; and a remedial/restoration schedule. The plans may also need to consider the full range of clean-up alternatives available from no action to complete removal of contaminated material to achieve background or non-detectable levels. This detailed evaluation should address technical, environmental, public health, institutional, and cost analyses. Remediation alternatives that may be considered include, but are not limited to:

- In-situ Technologies
  - Bioremediation
  - Capping
  - Chemical Dehalogenation
  - Dual Phase Extraction
  - In Situ Flushing/chemical oxidation
  - In Situ Thermal Treatment Methods
  - Monitored Natural Attenuation
  - Permeable Reactive Barriers
  - Phytoremediation
  - Thermal Desorption/Destruction

- Soil Vapor Extraction and Air Sparging
- Ex-situ Technologies
  - Activated Carbon Treatment
  - Air Stripping
  - Advanced Chemical Oxidation Processes
  - Ion Exchange
  - Incineration
  - Pump and Treat
  - Soil Excavation
  - Soil Washing

The remedial feasibility studies and action plans will be submitted to the Environmental Management Division for review and comment. The Consultant that develops the remediation plan will be precluded from undertaking the actual remediation work, but may also have a role in the remediation management and oversight.

#### **E. Remedial Actions and Remediation Systems O&M**

In some projects consultants may be required to conduct removal actions or implement remedial action plans. This may involve excavations, transport and treatment/disposal of contaminated media and/or in-situ treatment of contaminated soil and groundwater.

The consultant must have experience in installation and operations of in-situ soil, groundwater and/or free product remediation systems, and assessment of operation and maintenance (O&M) programs in order to optimize system performance. Experience with implementation of project data management information systems (PDMIS) as applied to remediation systems is desired.

#### **F. Site Closure Reports**

A site closure report may need to be developed for submittal to the regulatory agencies. The report should include, but not be limited to, a discussion of the post-closure maintenance and monitoring required to ensure the permanent integrity of the closed site, and a discussion that delineates the specific measures for closing a site in a manner that protects human health and the environment. These reports shall be prepared under the supervision of and signed and stamped by a California licensed PG, C.HG, C.E.G. or PE, or Risk Assessment professional.

## **G. Environmental Compliance Assessments**

The Port may require environmental compliance assessments to be performed on various facilities. The assessment will include, but not be limited to, the following: identification and documentation of compliance status; review of all facility permits; identification of sources of wastes; sampling and analysis of waste products; onsite inspection of facility conditions and practices; review of pertinent facility documents; compliance with environmental provisions in Port leases and tariffs, and recommendations and conclusions regarding areas of environmental concern. Environmental Compliance Audits must be performed under the oversight of a Professional Geologist, Certified Hydrogeologist, or Professional Engineer with at least 10 years of demonstrable environmental experience.

## **H. Regulatory Agency Coordination and Regulatory Expertise**

The Consultant may be requested to identify, meet, and coordinate with local, state, and federal regulatory agencies to procure applicable permits and/or to facilitate the review and approval of remedial investigations/site characterizations, remedial feasibility studies and action plans, risk assessments, site closure reports, waste classifications, and environmental compliance assessments. The Consultant may be requested to provide guidance and expertise regarding applicable environmental rules and regulations pertaining to environmental conditions and issues for a project site, project activity or Port operations. The consultant will demonstrate recent and relevant working experience with the LA-RWQCB, the DTSC (including GSU and HERD groups), the local CUPA, and the SCAQMD.

## **I. Technical Expertise and Design Services**

The Consultant may be requested to provide technical expertise and design services to address or assess potential environmental technologies, alternatives, or impacts involving a broad spectrum of environmental media, involving air quality, water quality, land use, energy, and natural resources.

Tasks may also include design of remediation systems. The design process will include, but is not limited to:

- Pilot System design and testing
- Development of design drawings approved by a qualified California Professional Engineer
- Cost estimation, procurement, and scheduling including applicable permits

- System Construction and Operation
- System Optimization Analysis

The consultant's technical expertise may be requested to assist in development or enhancement of environmental management systems (EMS) or sustainability programs, and to prepare guidance documents for various Port environmental programs. The Consultant may also be asked by the Port to provide defensible estimates of potential site restoration/remediation costs and remediation schedules.

**J. Review of Environmental Documents**

The Consultant may be requested to review and summarize the findings of reports submitted to the Port, or obtain and review reports in regulatory agency files, involving remedial investigations/site characterizations, feasibility studies, remedial action plans, risk assessments, site closure reports, environmental compliance assessments, contract bid specifications, and other documents.

**K. Litigation Support Services**

The Consultant may be requested to provide technical support to attorneys in assessing environmental liability (Phase I Environmental Site Assessments, Regulatory Compliance Audits, Health and Safety Audits), supporting challenging regulatory agency negotiations, and supporting litigation. These tasks may involve: assessing environmental damages; designing cost allocations for multi-party concerns; preparing technical positions and expert reports; participating in mediations; providing deposition and/or trial testimony as a testifying and/or non-testifying expert witness; and in critiquing an opposing side's position for National Contingency Plan (NCP) compliance, relative to standard of practice and scientific merit. Experience working with attorneys representing land owners in transactional issues, providing support during deposition, and expert testimony during deposition and trial phases is desired.

**Exhibit "B"**  
Form of Directive

(Date)  
(Consultant)  
(Consultant address)  
(City, State, Zip)

Attention: (Project Manager)

Subject: Directive No. 1

Project Name

Pursuant to Section 2.2(a) of Agreement No. \_\_\_\_\_, after receipt of a written Notice to Proceed signed by the Director of the Environmental Management Division, Consultant shall proceed with the following:

<u>Task</u>	<u>Services</u>	<u>Authorized Amount</u>
3	Conceptual Study and Report 3.A Roadway	\$100,000 (lump sum)
3	Conceptual Study and Report 3.B Rail	\$200,000 (lump sum)
3	Conceptual Study and Report 3.C Bridge	\$ 50,000 (lump sum)
3	Conceptual Study and Report 3.D Streetscape	\$150,000 (lump sum)

Consultant shall provide all required task, services, and deliverables in accordance with Exhibit "A" to Agreement No. \_\_\_\_\_.

Consultant shall complete the work within \_\_\_ calendar days from City's transmittal of its written Notice to Proceed.

Consultant shall undertake the following MBE/WBE/SBE/OBE utilization in connection with its performance of this Directive No. \_\_\_.

Consultant acknowledges that the terms and conditions of Agreement No. \_\_\_ govern this Directive and that its signature below reflects its agreement with the terms and conditions of this Directive No. \_\_\_.

If you have any questions, please contact \_\_\_\_\_ at (310) 732-\_\_\_\_\_.

ACCEPTED:

(Consultant Name)  
Consultant  
Date:

GERALDINE KNATZ, Ph.D.  
Executive Director  
Date:

**Exhibit "C"**  
Form of Notice to Proceed

(Date)  
(Consultant)  
(Consultant address)  
(City, State, Zip)

Attention: (Project Manager)

Subject: Notice to Proceed - Directive No. \_\_\_\_  
Project Name

This is to notify and direct you to commence performance of the subject Directive.  
Enclosed is your set of the executed Directive documents.

If you have any questions, please contact \_\_\_\_\_ at (310) 732-\_\_\_\_\_.

Very truly yours,

Director, Environmental Management Division

Enclosure: Directive No. \_\_\_\_

**EXHIBIT "D"**  
**COMPENSATION**

PORT OF LOS ANGELES  
SCHEDULE OF FEES AND CHARGES

OTHER PROJECT CHARGES

Subconsultant/Subcontractors

The cost of services rendered by subconsultant/subcontractors will be charged at actual costs plus 5% markup.

Communications

The cost of communications including telephone, telex, facsimile, routine postage and incidental copying will be charged at cost.

Travel and Subsistence (Meals, Lodging and Airfare)

The cost of travel will be at actual cost; subsistence will be charged in accordance with the City of Los Angeles travel policy per diem.

Vehicles and Mileage

Company vehicle (not listed in the rate schedule) mileage will be charged at the current Federal Travel Regulation (FTR) mileage allowance.

Reproduction

All outside reproduction materials and supplies will be charged at cost.

**NOTE:**

When staff appears as expert witnesses in court trials, mediations, arbitration hearings and depositions, their time will be charged at 1.5 times individual hourly rates as stated in consultant's rate schedule.

**CONFLICTS:**

If any provision of this page of Exhibit "D" conflicts with any fee or charge set forth on any other page of Exhibit "D," the provisions of this page shall be deemed to supersede any such conflicting provision.

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**Appendix E: RATE SCHEDULE AND ESTIMATED FEES**

This appendix contains Tetra Tech's proposed labor rates, selected other direct costs (ODC) items, fees, and selected subcontractor costs. Budget controls for the subcontractors are accomplished through open and effective communication. First, a task-specific quote and the associated scope of work are obtained from the subcontractor. Second, work conducted will follow the proposed scope of work. Deviations from the original scope of work must be agreed by Tetra Tech and the subcontractors. Upon the work completion and invoice issuance, Tetra Tech's TM or PM will check the invoices thoroughly to ensure that all charges are within the original quote and the allowed deviations. All PDs submitted by Tetra Tech will include a detailed cost breakdown of subcontractor fees. We believe the subcontractor rates attached are realistic and competitive to provide the highest quality work for the Port. Tetra Tech guarantees the following labor rates for the first year with potential 2.5 % cost of living adjustments for the second and third years.

**LABOR AND ODC RATES**

Professional Levels/Labor Category	Fully Burdened Hourly Rates (\$/Hr)
VP/Principal-in-Charge	\$200.00
Director/Chief Engineer (II)	\$189.00
Associate Director/Chief Engineer (I)	\$170.00
Principal Engineer and Scientist (II)	\$160.00
Principal Engineer and Scientist (I)	\$148.00
Senior Engineer and Scientist (II)	\$135.00
Senior Engineer/Scientist (I)	\$120.00
Project Engineer/Scientist (II)	\$105.00
Project Engineer/Scientist (I)	\$95.00
Staff Engineer and Scientist	\$85.00
Associate Engineer and Scientist	\$75.00
Environmental Technician (II)	\$75.00
Environmental Technician (I)	\$65.00
CADD Operator (II)	\$78.00
CADD Operator (I)	\$70.00
Word Processor	\$65.00
Clerk	\$60.00
Annual Labor Escalation Rate	2.5%
<b>Other Direct Costs</b>	<b>\$/Unit</b>
GIS/AutoCADD Computer Usage	20.00/hr
Regular Table Top Computer Usage	1.85/hr
Vehicle Mileage at DCAA Approved Rate, may vary during contract	
Reproduction - black and white	0.11/copy
Reproduction - color	0.50/copy
Reproduction - color oversized	1.00/copy
Equipment Rental	
Miscellaneous ODCs	
Subcontractors	At cost+5% fee

**SELECTED CHEMICAL ANALYSES**

Chemical Analytical Costs (Standard Turnaround Time: 5 to 7 business days)		
Analysis	Unit cost (\$)	
	Soil	Water
TPH-Gas/Diesel/Motor Oil (8015M)	50/55/60	45/50/55
TPH Extended Range (C6-C40, 8015M)	110	100
VOCs (8260B/5035, EnCore®)	90	90
BTEX and fuel oxygenates (8260B)	80	80
SVOCs (8270C) / PAHs (8310)	185/130	185/120
Low Level PAHs (8270C-SIM)	155	155
1,4-dioxane (8270M-SIM)	150	140
PCBs (8082)	70	70
Organochlorinated Pesticides (8081)	110	110
Organophosphorous Pesticides	150	150
Chlorinated Herbicides (8151)	145	145
Title 22 Metals (6010B/7470)	115	115
Metal Element (First/Additional, 6010B)	20/10	20/10
Hexavalent Chromium (7196/7199)	50/105	45/90
WET (STLC) Extraction	45	45
TCLP/Zero Head Space Extraction (1311)	45/55	45/55
Ignitability/Corrosivity(pH)/Reactivity (Cyanide&Sulfide)	30/15/50	30/10/50
Alkalinity (310.1)	NA	18
Total Dissolved Solid (160.1/SM2540C)	NA	18
Total Suspended Solid (160.2/SM2540D)	NA	18
Biological Oxygen Demand (405.1/SM5210B)	NA	40
Chemical Oxygen Demand (410.4)	NA	35
Sulfide (376.1/SM4500)	NA	30
Total Organic Carbon (415.1/SM5310)	NA	40
Methane, Ethene, Ethane (RSK175)	NA	70
<b>Lab Electronic Data Deliverables</b>		
Geotracker Electronic Data File (EDF)	3% of Lab Fee	



# American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181  
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

September 27<sup>th</sup>, 2010

## PROPOSAL FOR PORT OF LOS ANGELES PROJECT TETRA TECH, INC.

3475 East Foothill Boulevard, Pasadena, CA 91107  
 TEL. 626-470-2415, FAX 626-470-2615

### Proposed Schedule of Fees

ANALYTE	METHOD OF ANALYSIS	UNIT PRICE \$.
VOCs	8260B	60.00
VOCs plus Oxygenates	8260B	65.00
SVOCs	8270C	125.00
Purgeable Halocarbons	8021	55.00
Purgeable Aromatics	8021	35.00
BTEX & MTBE	8021	40.00
Purgeable Halocarbons & Aromatics	8021	70.00
TPH Gasoline	M 8015B	30.00
TPH Diesel	M 8015B	35.00
TPH Diesel Extended	M 8015B	38.00
TPH Gasoline & BTEX	M 8015B/8021	35.00
TPH Gasoline & BTEX & MTBE	M 8015B/8021	45.00
Pesticides	8081B	65.00
PCBs	8082	55.00
Pesticides/ PCBs	8081B/8082	110.00
Organophosphorus Pesticides	8141	110.00
Chlorinated Herbicides	8151	110.00
PAH	8310	100.00
TRPH	418.1	40.00
Organic Lead	HMU-900	45.00
CAM Metals (CCR)	6010B/7000	90.00
13 PP Metals	6010B /7471A	85.00
8 RCRA Metals	6010B /7471A	70.00
Single Metal ICP (Analysis Only)	6010B	10.00
Single Metal ICP/MS (Analysis Only)	6020	17.00
Mercury	7471A/7470A/245.1	30.00
Metals Preparation	3000/200.2	5.00
Cr (VI)	7196	25.00
Cr (VI)	7199	75.00
STLC /TCLP Extraction	Title 22/1311	40.00



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### PROPOSAL FOR PORT OF LOS ANGELES PROJECT TETRA TECH, INC.

3475 East Foothill Boulevard, Pasadena, CA 91107  
 TEL. 626-470-2415, FAX 626-470-2615

#### Proposed Schedule of Fees (Cont.)

ANALYTE	METHOD OF ANALYSIS	UNIT PRICE \$
Specific Conductance	120.1	10.00
Hardness	130.2	10.00
pH Water	150.1	5.00
pH Soil	9045	7.00
Turbidity	180.1	10.00
Acidity	305.1	12.50
Alkalinity	310.1	12.50
TDS (Total Dissolved Solids)	160.1	12.50
TSS (Total Suspended Solids)	160.2	12.50
SS (Settleable Solids)	160.5	12.50
Cyanide ( Amenable to Chlorination)	335.1	40.00
Cyanide ( Total)	335.2	30.00
Chloride	300.0	12.50
Chlorine (Residual)	330.4	14.00
Nitrate – N	300.0	12.50
Nitrite – N	300.0	12.50
Sulfate	300.0	12.50
Sulfide	376.2	12.50
Phosphate	300.0	21.00
BOD	405.1	40.00
COD	410.4	20.00
TOC	415.1/9060	25.00
General Minerals	Various	165.00
Surfactants (by MBAS)	425.1	33.00
Oil & Grease (by IR)	413.2	26.00
Oil & Grease (Gravimetric)	1664	35.00
Reactive Cyanide and Sulfide	9010/9030	66.00



environmental services, inc.

25971 Towne Centre Drive, Foothill Ranch, CA 92610

RATE SCHEDULE  
(Non-Prevailing Wage)

Exclusively for  
**TETRA TECH / Port of Los Angeles**  
(Environmental Site Assessment & Restoration Services)

Effective OCTOBER 1, 2010  
All rates subject to change on an annual basis, beginning January 1, 2012.

All rates subject to FUEL SURCHARGE (when in effect.)

**TRANSPORTATION & DISPOSAL OF BULK SOIL**

**TRANSPORTATION & DISPOSAL OF BULK SOIL**

*Upon request, rates will be quoted on a "per ton" basis on a project specific basis.*

**DISPOSAL OF NON-HAZARDOUS SOIL @ TPST SOIL RECYCLERS OF CALIFORNIA**

Disposal Fee = \$33.00/ton #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

**END DUMP TRUCK RATES (Operated)**

*(Minimum = 4.0 hours)*

<u>UNIT TYPE</u>	<u>RATE</u>
End Dump Truck*:	\$90.00 / hour
End Dump Truck - Standby Time (Loading/Unloading):	\$90.00 / hour
End Dump Truck - Show-up Time (4.0 Hour Minimum):	\$90.00 / hour

*\*In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).  
Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.*

**ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES**

*(Minimum = 4.0 hours)*

<u>UNIT / EQUIPMENT TYPE</u>	<u>RATE</u>
Roll-off Truck:	\$ 90.00 / hour
Roll-off Truck (Overtime):	\$108.00 / hour
Roll-off Truck (Double-Time):	\$118.00 / hour
Roll-off Bins (15 & 40 Cubic Yard):	\$ 15.00 / day
Plastic Bin Liners:	\$ 35.00 / each

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Monday through Friday.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of TETRA TECH.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of TETRA TECH. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

RATE SCHEDULE  
(Non-Prevailing Wage)

**TRANSPORTATION & DISPOSAL  
OF WASTE CONTAINED IN DRUMS**

**"MILKRUN" TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS**

<u>TRANSPORTATION &amp; DISPOSAL:</u>	<u>RATE</u>
NON-HAZARDOUS SOIL @ TPST SOIL RECYCLERS (55 gal):	\$ 95.00 / drum * #
NON-HAZARDOUS WATER @ DeMENNO KERDOON (55 gal):	\$ 95.00 / drum * #
NON-HAZARDOUS DRILLING MUD @ TPST &/or DeMENNO KERDOON:	\$160.00 / drum * #
NON-HAZARDOUS PPE & DEBRIS @ U.S. ECOLOGY NEVADA:	\$185.00 / drum * #
HAZARDOUS GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$190.00 / drum * #
DELIVERY OF EMPTY DRUMS:	\$225.00 / trip
EMPTY UN/DOT STEEL DRUMS (55-gal):	\$ 43.00 / drum
EMPTY "USED" STEEL DRUMS (55-gal):	No Charge
EMPTY UN/DOT OVERPACK DRUMS (85-gal):	\$235.00 / drum
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 20.00 / drum
ABSORBENT / SOLIDISORB (25 lb. Bag):	\$ 20.00 / bag

*BESI maintains an inventory of empty "USED" Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in "USED" Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.*

*\* Site Set-up Fee (\$100.00): Any drum removal event with < 5 drums will be charged a \$100.00 Site Set-up Fee (in addition to the per drum rate).*

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

*Rates for other waste will be quoted upon request on a project specific basis.*

**DRUM TRUCK/FLATRACK TRUCK RATES (Operated)**  
(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>
Flatrack Truck with Lift Gate:	\$ 83.00 / hour
Flatrack Truck with Lift Gate (Overtime):	\$ 99.50 / hour
Flatrack Truck with Lift Gate (Double-Time):	\$108.50 / hour

**STRAIGHT-TIME:** First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Monday through Friday.

**OVERTIME RATE:** Any time worked over 8.0-hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of TETRA TECH.

**DOUBLE-TIME RATE:** Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of TETRA TECH. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.



25971 Towne Centre Drive, Foothill Ranch, CA 92610

RATE SCHEDULE  
(Non-Prevailing Wage)

**TRANSPORTATION & DISPOSAL  
OF BULK LIQUIDS BY VACUUM TRUCK**

**BULK DISPOSAL OF NON-HAZARDOUS OILY WATER @ DeMENNO KERDOON**

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.61/gallon #
Disposal Solids Surcharge:	\$ 3.16/gallon #
Truck Washout Fee:	\$325.00/washout #

**BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON**

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.28/gallon #
Truck Washout Fee:	\$325.00/washout #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

**DISPOSAL OF OTHER BULK LIQUIDS**

*Rates will be quoted upon request on a project specific basis*

**VACUUM TRUCK RATES (Operated)**

*(Minimum = 4.0 hours)*

<u>UNIT / EQUIPMENT TYPE</u>	<u>RATE</u>
Vacuum Truck 70 BBL Mild Steel:	\$ 76.50 / hour
Vacuum Truck 70 BBL Mild Steel (Overtime):	\$ 89.20 / hour
Vacuum Truck 70 BBL Mild Steel (Double-Time):	\$109.00 / hour
PVC Stingers / Schedule 40 – 1” Diameter (10-foot section):	\$ 15.00 / each
Vacuum Truck 100 BBL Mild Steel:	\$ 80.00 / hour
Vacuum Truck 100 BBL Mild Steel (Overtime):	\$ 96.00 / hour
Vacuum Truck 100 BBL Mild Steel (Double-Time):	\$118.00 / hour

**STRAIGHT-TIME:** First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Monday through Friday.

**OVERTIME RATE:** Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of TETRA TECH.

**DOUBLE-TIME RATE:** Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of TETRA TECH. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

**RATE SCHEDULE**  
(Non-Prevailing Wage)

**ADDITIONAL LABOR & EQUIPMENT RATES**

**LABOR RATES**

(Minimum = 4.0 Hours)

<u>CATEGORY</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>
Leadman:	\$ 54.00 / hour	\$ 81.00 / hour	\$108.00 / hour
Equipment Operator:	\$ 54.00 / hour	\$ 81.00 / hour	\$108.00 / hour
Laborer:	\$ 47.00 / hour	\$ 70.50 / hour	\$ 94.00 / hour
Waste Consultant:	\$ 80.00 / hour	N/A	N/A

**EQUIPMENT RATES (Non-Operated)**

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>
Pickup Truck / Crew Truck:	\$22.00 / hour
Crew Truck with Powerwasher Unit:	\$75.00 / hour
Forklifts / Loading Equipment:	Quoted upon request

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Monday through Friday.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of TETRA TECH.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of TETRA TECH. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

**SURCHARGE**

Any fees billed through BESI shall be invoiced to of TETRA TECH at a 15% surcharge. This surcharge would include only those fees not already included on the BESI rate sheet, or fees not otherwise determined by a BESI quotation to of TETRA TECH prior to the project work.

## Belshire Environmental Services, Inc. Fuel Surcharge Rates

The following rate tables were established in response to escalating diesel fuel prices. The surcharges are based on weekly diesel fuel rates determined by the Energy Information Administration (EIA). Standard Rates will be adjusted upward/downward as diesel rates rise/fall. If diesel fuel rates exceed the fuel ranges shown in the tables, the surcharges will follow the linear trends established in these tables. Adjustments to the surcharges will be made weekly based on current diesel fuel prices.

**TRANSPORTATION EQUIPMENT:** The Fuel Surcharge Rates shown in the table below apply to all transportation equipment on our Rate Schedule except for vacuum trucks which are priced by the vacuum truck subcontractor.

Fuel Range			Surcharge	Fuel Range			Surcharge	Fuel Range			Surcharge
\$1.92	-	\$2.01	7.00%	\$3.12	-	\$3.21	19.00%	\$4.32	-	\$4.41	31.00%
\$2.02	-	\$2.11	8.00%	\$3.22	-	\$3.31	20.00%	\$4.42	-	\$4.51	32.00%
\$2.12	-	\$2.21	9.00%	\$3.32	-	\$3.41	21.00%	\$4.52	-	\$4.61	33.00%
\$2.22	-	\$2.31	10.00%	\$3.42	-	\$3.51	22.00%	\$4.62	-	\$4.71	34.00%
\$2.32	-	\$2.41	11.00%	\$3.52	-	\$3.61	23.00%	\$4.72	-	\$4.81	35.00%
\$2.42	-	\$2.51	12.00%	\$3.62	-	\$3.71	24.00%	\$4.82	-	\$4.91	36.00%
\$2.52	-	\$2.61	13.00%	\$3.72	-	\$3.81	25.00%	\$4.92	-	\$5.01	37.00%
\$2.62	-	\$2.71	14.00%	\$3.82	-	\$3.91	26.00%	\$5.02	-	\$5.11	38.00%
\$2.72	-	\$2.81	15.00%	\$3.92	-	\$4.01	27.00%	\$5.12	-	\$5.21	39.00%
\$2.82	-	\$2.91	16.00%	\$4.02	-	\$4.11	28.00%	\$5.22	-	\$5.31	40.00%
\$2.92	-	\$3.01	17.00%	\$4.12	-	\$4.21	29.00%	\$5.32	-	\$5.41	41.00%
\$3.02	-	\$3.11	18.00%	\$4.22	-	\$4.31	30.00%	\$5.42	-	\$5.51	42.00%

**DRUMS:** A fuel surcharge is added to our standard Drum rates based on the table below. A fuel surcharge rate will be added based on the number of drums removed from the site on any single drum removal trip. A minimum charge of 4 drums will be charged on any drum removal trip.

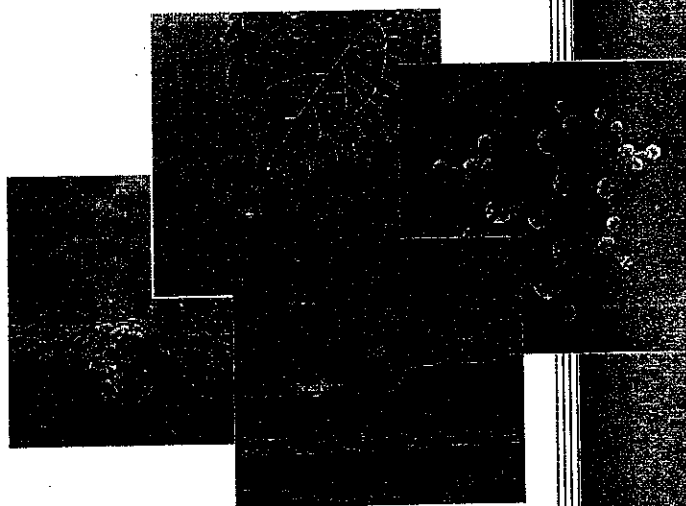
Fuel Range		Surcharge Per Drum
\$2.01	\$2.50	\$2.50
\$2.51	\$3.00	\$4.00
\$3.01	\$3.50	\$5.00
\$3.51	\$4.00	\$6.25
\$4.01	\$4.50	\$7.50
\$4.51	\$5.00	\$8.75
\$5.01	\$5.50	\$10.00
\$5.51	\$6.00	\$11.25
\$6.01	\$6.50	\$12.50
\$6.51	\$7.00	\$13.75

Minimum Fuel Surcharge is based on four drums.

**VACUUM TRUCKS:** The fuel surcharge rates for subcontracted vacuum truck services will be charged to our customers at the same percentage charged by our vacuum truck subcontractor. As of September 1, 2010, this Vacuum Truck Fuel Surcharge for work in Southern California (except Imperial County) is at 7% and is subject to change on a weekly basis.

**C**alscience  
**E**nvironmental  
**L**aboratories, Inc.

**SCHEDULE**



**Valid through  
December 31, 2013**

## TABLE OF CONTENTS

	PAGES
<b>SOIL &amp; WATER</b>	<b>1 - 9</b>
Organics	2
Underground Storage Tank (UST)	3
Hazardous Waste	4
Cleanups	5
Emergent Chemicals	5
Drinking Water	5
Metals	6
Wet Chemistry	7 - 9
Bioassays	9
<b>AIR/VAPOR</b>	<b>10 - 12</b>
<b>MARINE CHEMISTRY</b>	<b>13 - 16</b>
Preparations & Cleanups	14
Sediment	14
Elutriate Preparation	15
Seawater & Elutriates	15
Tissues	15 - 16
<b>EQUIPMENT &amp; SUPPLIES</b>	<b>17 - 18</b>
<b>ADDITIONAL INFORMATION</b>	<b>19 - 22</b>
<b>TERMS &amp; CONDITIONS</b>	<b>23 - 24</b>

# Soil & Water

**ORGANICS**

ANALYSIS	METHOD	PRICE \$
1,2,3-Trichloropropane	SRL 524M-TCP	95
1,2,3-Trichloropropane & 1,4-Dioxane	SRL 524M-TCP	100
1,4-Dioxane	SRL 524M-TCP	95
1,4-Dioxane (Isotope Dilution)	EPA 8270C(M)	125
Chlorinated Herbicides	EPA 8151A	140
Dissolved Gases - Methane in water	RSK 175(M)	85
Dissolved Gases - Methane, Ethane & Ethene in water	RSK 175(M)	95
Nitroaromatics and Nitramines	EPA 8330	170
N-Nitrosodimethylamine (NDMA)	EPA 1625C(M)	170
Non-Halogenated Organics (2-Butanol, Ethanol, Isobutanol, Isopropanal, Methanol, n-Butanol)	EPA 8015B	95
Non-Halogenated Organics (Ethanol and/or Methanol)	EPA 8015B	85
Organochlorine Pesticides	EPA 8081A	95
Organochlorine Pesticides and PCBs	EPA 608	125
Organophosphorus Pesticides	EPA 8141A	125
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	170
Polychlorinated Biphenyls (PCBs - Aroclors)	EPA 8082	60
PCB Congeners (Calscience list of 41 Congeners)	EPA 8270C SIM	225
Polynuclear Aromatic Hydrocarbons	EPA 8270C	100
Polynuclear Aromatic Hydrocarbons – Low-level	EPA 8310/610	140
Polynuclear Aromatic Hydrocarbons – Low-level	EPA 8270C SIM	130
Purgeable Halocarbons and Aromatics (8021B Target List)	EPA 8260B	70
Purgeable Halocarbons and Aromatics (601/602 Target List)	EPA 624	80
Semivolatile Organic Compounds (SVOCs)	EPA 8270C/625	170
SVOCs Appendix II or IX Target List	EPA 8270C	250
SVOCs Tentatively Identified Compounds (TICs) add-on to 8270C	EPA 8270C	40
Volatile Fatty Acids (Acetic, Butyric, Lactic, Propionic, Pyruvic)	HPLC/UV	95
Volatile Organic Compounds (VOCs)	EPA 8260B/624	80
VOCs with Closed System P/T*	EPA 8260B/5035	90
VOCs plus Oxygenates	EPA 8260B	80
VOCs plus Oxygenates with Closed System P/T*	EPA 8260B/5035	95
VOCs – Low-level (water)	EPA 8260B	110
VOCs – Appendix II or IX Target List	EPA 8260B	125
VOCs – Tentatively Identified Compounds (TICs) add-on to 8260B	EPA 8260B	40

\*Includes cost of sample preservation in the laboratory using sodium bisulfate and methanol. Field sampling devices, such as EnCores™, are not included in the unit rate, see Equipment & Supplies page 18.

**UNDERGROUND STORAGE TANK**

ANALYSIS	METHOD	PRICE \$
Total Recoverable Petroleum Hydrocarbons (water)	EPA 418.1	40
Total Recoverable Petroleum Hydrocarbons (soil)	EPA 418.1(M)	40
Total Petroleum Hydrocarbons (TPH) - Diesel	EPA 8015B(M)/DRO	40
TPH - Gas	EPA 8015B(M)/GRO	35
TPH - Gas with Closed System P/T*	EPA 8015B(M)/5035	40
TPH - Gas & BTEX	EPA 8015B(M)/8021B	40
TPH - Gas & BTEX with Closed System P/T*	EPA 8015B(M)/8021B/5035	45
BTEX and/or MTBE	EPA 8021B	40
BTEX with Closed System P/T*	EPA 8021B/5035	45
TPH - Specified Standard (extractable)	EPA 8015B(M)	50
TPH Extended Range (C6-C10, C10-C28, C28-C40)	EPA 8015B(M)	55
TPH with Carbon Chain Breakdown (C6-C36)	EPA 8015B(M)	45
TPH with Carbon Chain Breakdown (C6-C44)	EPA 8015B(M)	55
Methanol and/or Ethanol	EPA 8015B	85
BTEX and/or MTBE	EPA 8260B	65
BTEX and/or MTBE with Closed System P/T*	EPA 8260B/5035	80
BTEX and Fuel Oxygenates (includes Ethanol)	EPA 8260B	65
BTEX and Fuel Oxygenates with Closed System P/T*	EPA 8260B/5035	80
Fuel Oxygenates (includes Ethanol)	EPA 8260B	65
Fuel Oxygenates (includes Ethanol) with Closed System P/T*	EPA 8260B/5035	80
Total Purgeable Petroleum Hydrocarbons (TPPH) add-on to 8260B	EPA 8260B	25
TPPH with Closed System P/T* add-on to 8260B	EPA 8260B/5035	25
Volatile Organic Compounds (VOCs) plus Oxygenates	EPA 8260B	80
VOCs plus Oxygenates with Closed System P/T*	EPA 8260B/5035	95
CA EPH (Aliphatic & Aromatic Hydrocarbons)	EPA 8015B(M)	260
CA TVH (Aliphatic & Aromatic Hydrocarbons)	EPA 8260B	140
CA TVH (Aliphatic & Aromatic Hydrocarbons) with Closed System P/T*	EPA 8260B/5035	155
Organic Lead (includes sample preparation)	DHS LUFT	80
Total Lead (includes sample preparation)	EPA 6010B	18

*\*Includes cost of sample preservation in the laboratory using sodium bisulfate and methanol. Field sampling devices, such as EnCores™, are not included in the unit rate, see Equipment & Supplies page 18.*

## HAZARDOUS WASTE

ANALYSIS	METHOD	PRICE \$
Ignitability (Flashpoint)	EPA 1010	35
Corrosivity (as pH) (Analysis within 24 hours of receipt)	EPA 9045D	6
Paint Filter Liquids Test	EPA 9095D	25
<b><u>Reactivity</u></b>		
Cyanide	SW 846 Chapter 7	35
Sulfide	SW 846 Chapter 7	35
Cyanide and Sulfide	SW 846 Chapter 7	70
<b><u>Toxicity – Sample Preparation</u></b>		
TTLIC Sample Digestion for Metals (excludes Hg and CrVI)	EPA 3050B	10
TCLP/SPLP (Volatile) ZHE Extraction	EPA 1311/1312	60
STLC/TCLP/SPLP (Semi/Non-Volatile) Bottle Extraction	CAC Title 22 / EPA 1311/ 1312	35
<b><u>Toxicity – Sample Analysis</u></b>		
CAC Title 22 Metals (17)	EPA 6010B/7470A or 7471A	90
Organic Lead (includes sample preparation)	DHS LUFT	80
Individual Metals by ICP	EPA 6010B	8
Mercury	EPA 7470A/7471A	25
<b>Chromium VI (24 hour Hold Time for waters, includes sample preparation)</b>	EPA 7196A	60
Fluoride	SM 4500 F C	25
Volatile Organic Compounds	EPA 8260B	80
Organochlorine Pesticides	EPA 8081A	95
Polychlorinated Biphenyls (PCBs - Aroclors)	EPA 8082	60
Chlorinated Herbicides	EPA 8151A	140
Semivolatile Organic Compounds	EPA 8270C	170
TCLP Metals (8)	EPA 6010B/7470A	80
TCLP Full List (includes TCLP leaching procedures and TCLP target lists for the following methods: 6010B, 7470A, 8081A, 8082, 8151A, 8260B, & 8270C)	Various	695
96-hour Acute Aquatic Toxicity	California Dept. of Fish and Game	200

Parameters shown in Bold have short Hold Times

**CLEANUPS**

CLEANUP	METHOD	PRICE \$
Florisil Column Cleanup	EPA 3620B	20
GPC Cleanup	EPA 3640A	75
Solid Phase Extraction (SPE)	EPA 3535(M)	50
Acid-Base Partition Cleanup	EPA 3650B	30
Sulfur Cleanup	EPA 3660B	30
Alumina Cleanup	EPA 3610B/3611B	30
Other Cleanup	Various	By Quote

**EMERGENT CHEMICALS**

ANALYSIS	METHOD	REPORTING LIMIT	PRICE \$
<b>Chromium VI (24 hour Hold Time)</b>	EPA 218.6	0.2 ug/L	100
Perchlorate	EPA 314.0	2 ug/L	50
Perchlorate (solid matrix)	EPA 314.0(M)	20 ug/kg	80
Perchlorate (solid matrix)	EPA 6850	2 - 6 ug/kg	175
Perchlorate	EPA 331.0(M)	0.1 - 1.0 ug/L	165
1,2,3-Trichloropropane	SRL 524M-TCP	5 ng/L	85
1,2,3-Trichloropropane & 1,4-Dioxane	SRL 524M-TCP	5 ng/L / 2 ug/L	125
1,4-Dioxane	SRL 524M-TCP	2 ug/L	85
N-Nitrosodimethylamine (NDMA)	EPA 1625C(M)	2 ng/L	170
1,4-Dioxane (Isotope Dilution)	EPA 8270C(M)	2 ug/L	125

**DRINKING WATER**

ANALYSIS	METHOD	PRICE \$
EDB/DBCP	EPA 504.1	65
Purgeable Organics	EPA 524.2	120
1,2,3-Trichloropropane	SRL 524M-TCP	85
Individual Metals by ICP	EPA 200.7	*8
Individual Metals by ICP/MS	EPA 200.8	*15
<b>Chromium VI (24 hour Hold Time)</b>	EPA 218.6	100
Mercury	EPA 245.1	25
* Sample Preparation for Metals (sample preparation charges must be added, as applicable, unless otherwise noted.)	EPA 3010A/3020A/ 3040A/3050B	10

Parameters shown in Bold have short Hold Times

## METALS

ANALYSIS	METHOD	PRICE \$
<b><u>Sample Preparation</u></b>		
Total Digestion	EPA 1010A/3020A/3050B	10
<b>Sample Filtration for Dissolved Metals (ASAP within 24 hours)</b>	EPA 3005A	10
Reductive Precipitation Procedure	SOP M225	75
Individual Metals by ICP	EPA 6010B/200.7	8
Individual Metals by ICP/MS	EPA 6020/200.8	15
Mercury by Cold Vapor AA (includes digestion)	EPA 7470A/7471A/245.1	25
TCLP/SPLP Bottle Extraction	EPA 1311/1312	35
STLC (WET) Extraction	CAC, Title 22, § 66261.126, App. II	35
<b><u>Sample Analyses (sample preparation charges above must be added, as applicable, unless otherwise noted)</u></b>		
<b>Chromium VI (24 hour Hold Time for waters, includes sample preparation)</b>	EPA 7196A	60
<b>Chromium VI (24 hour Hold Time for waters, includes sample preparation)</b>	EPA 7199	90
CAC, Title 22 Metals: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn	EPA 6010B/7470A or 7471A	90
CAC, Title 22 Metals: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn	EPA 6020/7470A or 7471A	125
Priority Pollutant Metals: Sb, As, Be, Cd, Cr(t), Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn	EPA 200.7/245.1 6010B/7470A or 7471A	85
Priority Pollutant Metals: Sb, As, Be, Cd, Cr(t), Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn	EPA 200.8/245.1 EPA 6020/7470A or 7471A	115
TCLP (RCRA) Metals: As, Ba, Cd, Cr(t), Pb, Hg, Se, Ag	EPA 6010B/7470A or 7471A	80
ICP Metals Scan: Al, Sb, As, Ba, Be, B, Cd, Ca, Cr(t), Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, P, K, Se, Si, Sr, Ag, Na, Sn, Ti, Tl, V, Zn	EPA 6010B/200.7	110
ICP/MS Metals Scan: Al, Sb, As, Ba, Be, B, Cd, Ca, Cr(t), Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Sr, Ag, Na, Sn, Ti, Tl, V, Zn	EPA 6020/200.8	150
ICP/MS Metals Scan with Reductive Precipitation Preparation: As, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Zn	SOP M225/EPA 6020/200.8	225
Sea Water Metals: Al, Sb, As, Ba, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Se, Ag, Tl, V, Zn	EPA 1640	300

Parameters shown in Bold have short Hold Times

**WET CHEMISTRY**

ANALYSIS	METHOD	PRICE \$
Acidity	SM 2310 B (EPA 305.1)	30
Anions by IC (F, Cl, Br, NO <sub>2</sub> , NO <sub>3</sub> , SO <sub>4</sub> , o-PO <sub>4</sub> ) (48 hour Hold Time)	EPA 300.0	65
Any single anion	EPA 300.0	20
Any two anions	EPA 300.0	35
Any three anions	EPA 300.0	45
Alkalinity, Total	SM 2320 B (EPA 310.1)	15
Alkalinity, Speciated	SM 2320 B (EPA 310.1)	25
<b>Biochemical Oxygen Demand (48 hour Hold Time)</b>	SM 5210 B (EPA 405.1)	50
Carbon Dioxide – headspace analysis	RSK 175(M)	85
Carbon Dioxide	SM 4500 CO <sub>2</sub> D	25
Bromide	SM 4500 Br B	30
Cation Exchange Capacity	EPA 9081	80
Chemical Oxygen Demand (reflux)	SM 5220 C (EPA 410.1)	80
Chemical Oxygen Demand (spectrophotometric)	SM 5220 D/EPA 410.4	25
Chloride	SM 4500 Cl C (EPA 325.3)	30
<b>Chlorine, Free (Analysis within 24 hours of receipt)</b>	SM 4500 Cl F (EPA 330.4)	20
<b>Chlorine, Total Residual (Analysis within 24 hours of receipt)</b>	SM 4500 Cl F (EPA 330.4)	20
<b>Chromium VI (24 hour Hold Time)</b>	EPA 7196A	60
<b>Chromium VI (24 hour Hold Time)</b>	EPA 7199	90
Chromium VI (soil/solid samples)	EPA 7199/3060A	90
<b>Color (48 hour Hold Time)</b>	SM 2120 B (EPA 110.2)	10
Cyanide, Amenable	SM 4500 CN G	70
Cyanide, Free	SM 4500 CN I	35
Cyanide, Total	SM 4500 CN E (EPA 335.2)	35
Cyanide, Total	EPA 9010C/9014	35
Density	ASTM D1475(M)	25
Fluoride	SM 4500 F C (EPA 340.2)	25
<b>Dissolved Organic Carbon (Sample filtration required within 24 hours)</b>	SM 5310 D (EPA 415.1)	40
<b>Formaldehyde (24 hour Hold Time)</b>	ASTM D6303-98	95
Hardness, Total	SM 2340 C (EPA 130.2)	15
<b>Hydrazine (24 hour Hold Time)</b>	ASTM D1385	95

Parameters shown in Bold have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

**WET CHEMISTRY (continued)**

ANALYSIS	METHOD	PRICE \$
Hydrogen Sulfide (24 hour Hold Time)	HACH Model 15 HS-C	20
Ion Balance	Calculation	20
Iron, Ferrous (24 hour Hold Time)	SM 3500 Fe B	45
Mercaptans (48 hour Hold Time)	LACSD 258	70
Moisture Content	ASTM D2216	12
<b>Nitrogen</b>		
Ammonia (Titration with distillation)	SM 4500 NH3 B/C (EPA 350.2)	40
Ammonia (Unionized)	SM 4500 NH3 B/C (EPA 350.2)	35
Ammonia (Ion Selective Electrode (ISE) with distillation)	SM 4500 NH3 F (EPA 350.3)	40
Ammonia (Segmented Flow Analyzer (SFA))	EPA 350.1(M)	60
Nitrate (48 hour Hold Time)	SM 4500 NO3 E/SM 4500 NO2B	35
Nitrite (48 hour Hold Time)	SM 4500 NO2 B (EPA 354.1)	35
Nitrate & Nitrite (48 hour Hold Time)	SM 4500 NO3 E (EPA 353.3)	35
Organic	SM 4500 NH3 B/C/4500 N Org B	75
Total Kjeldahl	SM 4500 N Org B (EPA 351.3)	40
Total Kjeldahl (SFA)	EPA 351.2(M)	75
Total Nitrogen (48 hour Hold Time)	SM 4500 NO3 E/4500 N Org B	75
Total Inorganic Nitrogen (48 hour Hold Time)	SM 4500 NO3 E/4500 NH3 B/C	70
Odor (24 hour Hold Time)	SM 2150 B	20
Oil and Grease	SM 5520 B	50
Oil and Grease	EPA 413.2	50
Oil and Grease; Hexane Extractable Material (HEM)	EPA 1664A	40
Oil and Grease; HEM - Silica Gel Treated (SGT)	EPA 1664A	50
Oxygen, Dissolved (Analysis within 24 hours of receipt)	SM 4500 O G	20
Paint Filter Liquids Test	EPA 9095B	25
Perchlorate, Soil	EPA 314.0(M)	80
Perchlorate, Water	EPA 314.0	50
Perchlorate, Water	EPA 331.0(M)	165
Perchlorate, Soil or Water	EPA 6850	175
pH (Analysis within 24 hours of receipt)	SM 4500 H+B/EPA 9045D	6
Phenolics, Total	SM 5530 D/EPA 9065/420.1	50
Phosphate, Ortho (48 hour Hold Time)	SM 4500 P B/E	30
Phosphate, Ortho (SFA) (48 hour Hold Time)	EPA 365.1(M)	45
Phosphate, Total	SM 4500 P B/E	30
Phosphate, Total (SFA)	EPA 365.1(M)	45

Parameters shown in Bold have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

**WET CHEMISTRY (continued)**

ANALYSIS	METHOD	PRICE \$
Phosphorous, Total	SM 4500 P B/E (EPA 365.3)	30
<b>Redox Potential (48 hour Hold Time)</b>	ASTM D1498	30
<b>Salinity (48 hour Hold Time)</b>	SM 2520 B	20
<u>Solids (Residues)</u>		
Total Dissolved	SM 2540 C (EPA 160.1)	15
Total Suspended	SM 2540 D (EPA 160.2)	15
Total	SM 2540 B (EPA 160.3)	15
Volatile	EPA 160.4	25
<b>Settleable (48 hour Hold Time)</b>	SM 2540 F (EPA 160.5)	15
Volatile Suspended	SM 2540 D/EPA 160.4	45
Specific Conductance	SM 2510 B	10
Sulfate	ASTM D516-02/EPA 9038	40
Sulfide	SM 4500 S2 D (EPA 376.2)	25
<b>Sulfide, Dissolved (24 hour Hold Time)</b>	SM 4500 S2 D (EPA 376.2)	25
<b>Sulfite (48 hour Hold Time)</b>	SM 4500 SO3 B (EPA 377.1)	40
<b>Surfactants (MBAS) (48 hour Hold Time)</b>	SM 5540 C (EPA 425.1)	50
Thiosulfates	LACSD 253A	55
Total Inorganic Carbon in Water/Liquids	SM 5310 D(M) (EPA 415.1)	35
Total Inorganic Carbon in Soil/Solids	EPA 9060A(M)	70
Total Organic Carbon in Water/Liquids	SM 5310 D (EPA 415.1)	35
Total Organic Carbon in Soil/Solids	EPA 9060A	70
<b>Turbidity (48 hour Hold Time)</b>	SM 2130 B (EPA 180.1)	8
<u>General Minerals</u>		
Calcium, Copper, Iron, Magnesium, Manganese, Sodium, Zinc, Alkalinity-speciated, Chloride, MBAS, pH, Sulfate, Nitrate, Nitrite, Conductivity, Hardness, & TDS	Various	250
<u>Cation-Anion Balance</u>		
Alkalinity, Calcium, Chloride, Fluoride, Iron, Magnesium, Manganese, Nitrate, Nitrite, pH, Potassium, Sodium, Conductivity, Sulfate, & TDS	Various	200

**BIOASSAYS**

ANALYSIS	METHOD	PRICE \$
96-hour Acute Aquatic Toxicity	California Dept. of Fish & Game	200
<b>96-hour Whole Effluent Acute Toxicity (36 hour Hold Time)</b>	EPA 600/4-85/013	200

Parameters shown in Bold have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

# Air

**AIR/VAPOR**

METHOD	DESCRIPTION	REPORTING LIMIT	PRICE \$
8260B M	<b>Soil Gas Analysis by GC/MS</b>		
	- BTEX	5 to 10 ppbv	50
	- BTEX + Oxygenates + Ethanol	5 to 50 ppbv	60
	- BTEX + Oxygenates + Naphthalene + Ethanol	5 to 50 ppbv	75
TO-14A	<b>Volatile Organics by GC/MS Full Scan</b>		
	- Full TO-14A Target List	0.5 to 5 ppbv	170
	- Full TO-14A Target List + MTBE	0.5 to 5 ppbv	170
	- BTXE Only	0.5 to 2 ppbv	100
	- SCAQMD Rule 1150.1 Compounds	0.5 to 2 ppbv	155
	- Add Tentatively Identified Compounds		50
EPA TO-15/TO-15(M)	<b>Volatile Organics by GC/MS Full Scan</b>		
	- EPA 8021B List	0.5 to 12 ppbv	170
	- BTXE and MTBE	0.5 to 2 ppbv	105
	- MTBE Only	2 ppbv	90
	- BTXE and Fuel Oxygenates	0.5 to 5 ppbv	130
	- Naphthalene Only	10 ppbv	125
	- Full TO-15 List	0.5 to 5 ppbv	175
	- Full TO-15 List + Fuel Oxygenates	0.5 to 5 ppbv	200
	- Full TO-15 List + Oxygenates + Naphthalene	0.5 to 10 ppbv	220
	- TO-15 Extended Target List	0.5 to 50 ppbv	250
	- Add Tentatively Identified Compounds		50
	- Carbon Range C <sub>4</sub> -C <sub>5</sub> , C <sub>6</sub> -C <sub>7</sub> , C <sub>8</sub> -C <sub>10</sub> , C <sub>11</sub> -C <sub>14</sub>	50 ppbv	75
	EPA TO-15 SIM	<b>Volatile Organics by GC/MS in SIM Mode *</b>	
- One compound		0.025 ppbv	140
- Two to five compounds		0.025 ppbv	175
- Six to ten compounds		0.025 ppbv	200
- Full SIM List		0.025 ppbv	225
- Full SIM List + Naphthalene		0.025 to 0.05 ppbv	245

Leak Detection Compounds (IPA or 1,1-DFA) can be added to any of the methods shown above at no additional charge. Request for Leak Detection Compounds should be indicated on the Chain of Custody. If Helium tracer is required an additional fee of \$50 applies, see method ASTM D-1946 on page 12.

\* Requires individually certified Summa™ canisters and flow controllers, see Equipment & Supplies on page 18.

**AIR/VAPOR (continued)**

METHOD	DESCRIPTION	REPORTING LIMIT	PRICE(\$)
ASTM D-2820(M)	C1 - C6 Hydrocarbon Speciation by GC/FID	1.0 ppmv	70
EPA TO-3(M)	Total Petroleum Hydrocarbons (TPH) as Gasoline by GC/FID	1.5 ppmv	50
EPA TO-3(M)	Gasoline Range Organics (GRO) C <sub>6</sub> -C <sub>12</sub>	13 ppmv	50
EPA TO-3(M)	TPH C <sub>1</sub> - C <sub>6</sub>	1 ppmv	50
EPA TO-3(M)	TPH C <sub>6</sub> - C <sub>12</sub>	10 ppmv	50
EPA TO-3(M)	VOCs > C <sub>3</sub> as Hexane (SCAQMD permit compliance)	3 ppmv	50
ASTM D-1946	Fixed Gases (CO <sub>2</sub> , CO, CH <sub>4</sub> , N <sub>2</sub> , O <sub>2</sub> )	0.5%v	65
ASTM D-1946	Helium and/or Hydrogen	0.01%v	50
SCAQMD 12.1	Inorganic Lead by FAA (including MSA)	10 ug/sample*	55
EPA 16 GC/FPD	<b>Hydrogen Sulfide (24 hour Hold Time)</b>	1 ppmv	**75
SCAQMD 25.1	Non-condensables analysis for TGNMO and CH <sub>4</sub>	1 - 5 ppmv	80
SCAQMD 25.1	Non-condensables analysis for TGNMO, CH <sub>4</sub> and fixed gases	1 ppmv - 0.5%	115
SCAQMD 25.1	Non-condensables analysis for fixed gases	1 ppmv - 0.5%	80

\* Based upon 100 ml final sample volume (post digestion)

\*\* \$300 minimum charge.

**Headspace Analysis**

RSK 175(M)	Methane in water	1 ug/L	85
RSK 175(M)	Methane, Ethane & Ethene in water	1 ug/L	95
RSK 175(M)	Carbon Dioxide in water	1.7 ug/L	85

**High-volume sampling**

Lead Analysis (40 CFR, Part 50, App. G.) [FAA]	180 ug/filter	40
Lead Analysis (SCAQMD Rule 1420) [FAA including MSA]	180 ug/filter	55
TSP/PM10 Particulate (40 CFR, Part 50, App. J)	100 ug/filter	30

Parameters shown in Bold have short Hold Times

# **Marine Chemistry**

**Sediments, Tissues, Seawater & Elutriates**

**PREPARATIONS & CLEANUPS**

	METHOD	PRICE \$
Gel Permeation Cleanup (GPC)	EPA 3640A	75
Solid Phase Extraction (SPE)	EPA 3535(M)	50
Sulfur Cleanup	EPA 3660B	30
Sample Compositing		By quote
Sample Homogenization		By quote
Pore Water Preparation	Centrifugation	By quote

**SEDIMENT**

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A	140
Organochlorine Pesticides (select list)	EPA 8270C SIM	275
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	170
PCB Congeners (Calscience list of 41 Congeners)	EPA 8270C SIM	225
Phenols or Phthalates	EPA 8270C SIM	175
Polychlorinated Biphenyl's (PCBs – Aroclors)	EPA 8082	75
Polynuclear Aromatic Hydrocarbons	EPA 8270C SIM	150
Semivolatile Organic Compounds (Phenols, Phthalates, PAHs)	EPA 8270C SIM	250
Total Petroleum Hydrocarbons (TPH)-Gasoline	EPA 8015B(M)/GRO	35
Total Recoverable Petroleum Hydrocarbons	418.1(M)	40
TPH with Carbon Chain Breakdown (C6-C44)	EPA 8015B(M)	55
TPH-Diesel	EPA 8015B(M)/DRO	40
Volatile Organic Compounds	EPA 8260B	90
Metals in Sediment: As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Zn	EPA 6020	130
Metals in Sediment, CA Title 22 List (16), excludes Hg	EPA 6010B/6020	150
Chromium VI	EPA 7196A	60
Chromium VI	EPA 7199/3060A	90
Mercury	EPA 7471A	25
Ammonia, Total	SM 4500 NH3 B/E(M)	40
Moisture Content/Total Solids	ASTM D-D216/ SM2540B	15
Oil & Grease	EPA 1664	40
<b>Sulfide, Dissolved (Pore Water) (24 hour Hold Time)</b>	SM 4500 S2 D(M)	40
Sulfide, Total	SM 4500 S2 D(M)	30
Total Organic Carbon (TOC)	EPA 9060A	70

*Samples are subject to additional fees for homogenization, compositing, and/or GPC or other clean-up.*

Parameters shown in Bold have short Hold Times

## ELUTRIATE PREPARATION

*For any elutriate preparation, whether it be the SET, MET, EET, or DRET, there is a base price set-up charge for bench space, material, solids testing and management.*

ANALYSIS	METHOD	PRICE \$
SET Set-up Charge		1000
MET, EET, or DRET Set-up Charge		1500
SET, per sample		500
MET, EET, or DRET without DO & TSS, per sample		700
MET, EET, or DRET with DO & TSS, per sample		800

## SEAWATER & ELUTRIATES

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A	110
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	170
PCB Congeners (Calscience list of 41 Congeners)	EPA 8270C SIM	225
PCBs (Aroclors)	EPA 8082	60
Phenols or Phthalates	EPA 8270C SIM	130
Polynuclear Aromatic Hydrocarbons	EPA 8270C SIM	130
Semivolatile Organic Compounds (Full List)	EPA 8270C	175
Semivolatile Organic Compounds (Phenols, Phthalates, PAHs)	EPA 8270C SIM	175
Volatile Organic Compounds	EPA 8260B	90
Mercury	EPA 7470A	25
Metals: As, Cd, Cr, Cu, Pb, Ni, Se, Ag, Zn	EPA 6020	130
Metals Scan with Reductive Precipitation Preparation: As, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Zn	SOP M225/EPA 6020/200.8	250
Sea Water Metals: Al, Sb, As, Ba, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Se, Ag, Ti, V, Zn	EPA 1640	250
THB Reductive Precipitation Procedure (trace element determination)	SOP M225	90
Ammonia, Total	SM 4500 NH3 B/E(M)	40
Dissolved Organic Carbon (DOC)	EPA 9060A/SM 5310 B	40
<b>Sulfide, Dissolved (Pore Water) (24 hour Hold Time)</b>	SM 4500 S2 D(M)	40
Sulfide, Total	SM 4500 S2 D(M)	30
Oil & Grease	EPA 1664	40
Total Organic Carbon (TOC)	EPA 9060A/SM 5310 B	40
Total Suspended Solids	SM 2540 C	15

Parameters shown in Bold have short Hold Times

## TISSUES

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A	140
Organochlorine Pesticides (select list)	EPA 8270C SIM	250
Organotin (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	170
PCB Congeners (Calscience list of 41 Congeners)	EPA 8270C SIM	225
PCBs (Aroclors)	EPA 8082	75
Phenols or Phthalates	EPA 8270C SIM	150
Polynuclear Aromatic Hydrocarbons	EPA 8270C SIM	150
Semivolatile Organic Compounds (Phenols, Phthalates, PAHs)	EPA 8270C SIM	250
Volatile Organic Compounds	EPA 8260B	90
Metals: As, Cd, Cr, Cu, Pb, Se, Ag, Zn	EPA 6020	130
Mercury	EPA 7471A	25
Ammonia, Total	SM 4500 NH3 B/E(M)	40
Lipids	Calscience SOP	40
Moisture Content/Total Solids	ASTM D-2216/SM2540 B	15
Oil & Grease	EPA 1664	40
Sulfide, Total	SM 4500 S2 D(M)	30
Total Organic Carbon (TOC)	EPA 9060A/SM 5310 B	75

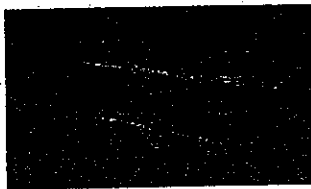
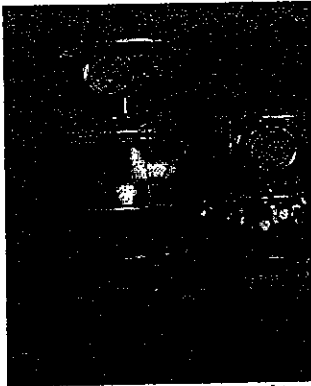
*Samples are subject to additional fees for homogenization, compositing, and/or GPC or other cleanup.*

*Storage of frozen archives - \$225/month*

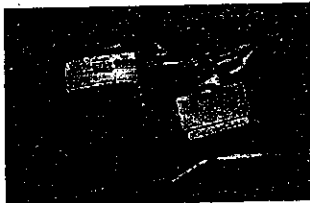
# Equipment & Supplies

## EQUIPMENT & SUPPLIES

### SUMMA™ CANISTER & FLOW CONTROLLER RENTALS



### TEDLAR™ BAGS



Six-liter and one-liter Summa™ canisters are available for rent. The canisters are provided to our clients under full vacuum, so that sample collection can be accomplished without the use of a pump. Rental conditions and prices are as follows:

1. Calscience will perform the analysis of samples collected in canisters.
2. Cleaning of canisters is to be performed by Calscience since canisters are easily damaged or destroyed if improperly cleaned.
3. Client is responsible for the canisters. Lost or damaged canisters will be billed at current market rates.
4. Canister rental period is two weeks. Advance arrangements are required for rental periods in excess of two weeks. Additional fees apply for extended rental periods.
5. Canisters which are return shipped via UPS or Federal Express should be insured for \$600 each.
6. Six-liter or one-liter canister rental: \$35 with batch certification, \$100 with individual certification or \$125 with SIM certification.
7. Flow controllers, used for integrated sampling (8-24 hours): \$30 with batch certification or \$60 with individual or SIM certification. Soil gas projects requiring flow controllers with <200 cc per minute flow rates: \$20.
8. Advance payment or a deposit will be necessary for canister or flow controller rental. Waivers of advance payment and deposit requirements are subject to credit approval.

Tedlar™ bags are available for purchase. Price per 1 Liter bag: \$10.00. We recommend pre-sample flushing or purging of Tedlar™ bags with clean inert gas if the bags are used for trace hydrocarbon (i.e. TO-15) analysis. Calscience's fee for flushing is \$5 per bag.

Calscience provides Tedlar™ bags as a service to our clients. Calscience does not manufacture Tedlar™ bags; we purchase them from our vendors. Calscience will not be responsible for leaky or otherwise substandard performance of the Tedlar™ bags it supplies.

### EPA 5035 ENCORE™ SAMPLERS

\$8 per sampler (5 gram sampler)

### EPA 5035 FIELD PRESERVATION KIT

\$15 per sample (3 vial kit)  
\$20 per sample (5 vial kit)

*Billing for Sampling Equipment: Unused sample containers cannot be returned to Calscience for reuse due to possible contamination issues. Once sampling equipment leaves the custody of Calscience it is considered to have been used. Clients will be billed for all canisters, bags, or other sampling devices that have been provided unless otherwise agreed upon. Canisters and flow controllers not returned within two weeks are subject to additional rental charges.*

# Additional Information

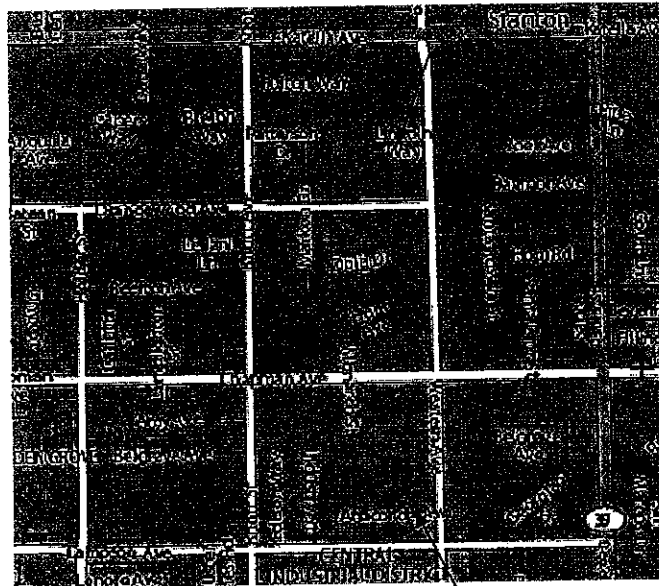
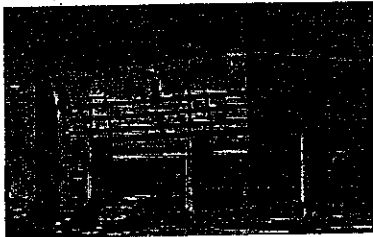
**GENERAL INFORMATION**

**LABORATORY LOCATIONS**



**Garden Grove - Main Facility**  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427  
 Phone: 714-895-5494  
 Fax: 714-894-7501

**Garden Grove - Lampson Facility**  
 7445 Lampson Ave  
 Garden Grove, CA 92841-2903  
 Phone: 714-895-5494  
 Fax: 714-897-2482



**HOURS OF OPERATION**

Normal working hours are 8:30 AM to 5:30 PM, Monday through Friday. Saturday sample receiving hours are 9:00 AM to 5:00 PM. While the laboratory is usually manned from 7:30 AM to 7:30 PM during normal working hours, pick-up or delivery outside of normal working hours, including weekends/holidays should be preceded by advance notice to ensure availability of personnel.

**PICK-UP LOCATION FOR SAMPLING SUPPLIES**

Customer pick-up for coolers and sampling supplies is located at our secondary facility at 7445 Lampson Ave, Garden Grove, CA 92841-2903. Please note that samples cannot be accepted at this location.

**SAMPLE RECEIVING**

Our sample receiving facility is located at the main laboratory facility at 7440 Lincoln Way, Garden Grove, CA 92841-1427.

For our customers in Northern California, samples can be dropped off at our Concord, CA Service Center. For sample drop-off, please call ahead to ensure that there is someone available to receive samples.

**Calscience – Northern California Service Center**

5063 Commercial Circle, Suite H  
 Concord, CA 94520-8577  
 Phone: 925-689-9022



- COURIER SERVICE** Laboratory personnel are available to pick-up samples for analysis free of charge (based upon availability), assuming a minimum \$250 analytical fee and an approximate 50 mile or less driving distance from the laboratory or our Concord service center. Couriers are not responsible for checking contents of coolers or accuracy of the Chain-of-Custody (CoC), this is the responsibility of the client designee signing the CoC.
- MINIMUM CHARGE** A minimum charge of \$300 per Work Order will apply unless otherwise agreed upon.
- SAMPLE CONTAINERS** Pre-preserved sample containers are furnished upon request, and are included in the cost of the analysis with the exception of supplies for EPA Method 5035 preparation for soils and air sampling devices.
- SAMPLE DISPOSAL** Disposal of solid and aqueous samples will occur 28 days following sample receipt unless other arrangements have been made in advance. Air samples will be retained only until analysis is completed.

Unused sample containers cannot be returned to Calscience for reuse due to possible contamination issues. A minimum disposal fee of \$100 will apply to return of unused sample containers requiring disposal.

- SAMPLE COMPOSITING** Samples that require compositing prior to analysis are subject to a \$4 per sample compositing fee. For example, four discrete soil samples requiring compositing to one sample for analysis would be subject to an \$16 compositing fee, plus the cost of analysis. This compositing fee may be increased for difficult samples, e.g. marine sediments or soils tightly compacted into sampling sleeves.

- NON-ANALYZED SAMPLE/STORAGE/ARCHIVING** Samples received but not analyzed are subject to a sample disposal fee of \$5.00 per sample. Samples are normally stored for a period of 28 days after sample receipt. Samples requiring archiving beyond 28 days are subject to a fee of \$2.00 per sample per month.

- TURNAROUND TIMES** The normal turnaround time is five working days, with provision of electronic (pdf) or facsimile reports on the due date. Certain analyses or matrices (e.g. marine sediment) require a ten working day turnaround time. On request, hard copy reports can be mailed within one working day after the due date.

Turnaround times commence on the date and time samples are received by the laboratory, or when any CoC discrepancies are resolved. Please note that if a Calscience courier receives samples in the field, the turnaround time does not commence until the courier arrives back at the laboratory. The courier may have additional stops before returning to the laboratory, so delays in commencing testing are possible when using a Calscience courier. The turnaround time for samples received after normal business hours (i.e. after 1730 hours) will commence the following business morning (i.e. at 0830 hours).

Rush turnaround surcharges for analyses normally requiring five working days are as follows:

Immediate (timing to be arranged):	200%
24 hour (one working day):	100%
48 hour (two working days):	50%
72 hour (data provided by end of third day):	25%
96 hour (data provided by end of fourth day):	10%

**Advance notice is strongly recommended for all rush analyses.**



**DATA VALIDATION PACKAGES**

For projects requiring reporting of analytical and quality control data including raw data a surcharge of 15%, or \$150, whichever is greater, will apply for a full validation package. These surcharges are applicable to packages that are requested at the time of sample delivery. Requests for generation of data packages after results have been reported may result in additional fees. Validation packages are available on CD ROM. The standard TAT for validation packages is 20 working days.

For projects requiring reporting of analytical and quality control data on Regional Water Quality Control Board Forms 10A, 10B, and 10C, the following fees will apply:

First sample: \$50  
Each additional sample: \$10

**ELECTRONIC DATA DELIVERABLES (EDD)**

Presentation of data in spreadsheet format (e.g. Excel or Access) is included in the cost of analysis if requested on or before the time samples are received by the laboratory. Requests for EDDs after the final report is prepared may result in a fee. Complex EDDs may also require a fee.

Preparation of State mandated Geotracker EDF deliverables will require a fee of 5% of the analytical fee or \$25 per report, whichever is greater.

**ADDITIONAL REPORT COPIES**

At Client request, Calscience will provide additional copies of reports and/or supporting raw data that has previously been provided at a cost of \$25 plus \$0.05 per page. Additional fees may apply for archived data retrieval.

**CORE PROBE INT'L FEE SCHEDULE FOR TETRA TECH POLA\*\* (9/2010-9/2013)**

GEOPROBE EQUIPMENT	1/2 Day (Up to 4 hrs/site)	Full Day (Up to 8 hrs/site)	Hourly Over Time / Standby Rate
Geoprobe 7822, Operator & Helper	-	\$2,000	\$270/hr
Geoprobe 6610 Operator & Helper	-	\$1,860	\$240/hr
Geoprobe 5400, Operator & Helper	\$980	\$1,360	\$200/hr
Geoprobe 4220 - Operator & Helper	\$980	\$1,360	\$200/hr
Geoprobe 540M - Operator & Helper	\$980	\$1,360	\$200/hr
Geoprobe 420M - Operator & Helper	\$980	\$1,360	\$200/hr
Mob/Demob - round trip	\$350 (0-70 miles)	\$450 (70-100 miles)	\$550 (100-150 miles) \$750 (150-200)
Air Knife Utility clearance	\$185/hr Portal to Portal (4 hr minimum charge)		
Injection Trailer	\$1,500 / day including GS 1000 & DP 800 pumps		
Geoprobe Cone Penetration Test *	\$15/ft + \$50 Set Up/point + Mob/Demob		
CA Professional Geologist / Project Manager	\$105/hr Site & travel + mileage		

\* \$1,200 Minimum Charge. \*\* 3% annual increase through life of contract.

**EXPENDABLES**

SOCIETY SUPPLYING MATERIALS	AMOUNT
Large Bore 6" x 1.4" SS Liners with caps	\$6 / each
Large Bore 24" x 1.4" PVC Liner with caps	\$5 / each
Dual Tube 21 36"/48"/60" x 1.6" PVC Liner (caps, core catcher)	\$9/ \$10 / \$12 each
Dual Tube 32 60" x 1.85" PVC Liner with caps (core catcher extra)	\$12 / each
Macro Core 48" x 2" PVC Liner with caps	\$6 / each
Macro Core 60" x 2" PVC Liner with caps	\$7 / each
<b>PROBING / TEST SAMPLING MATERIALS</b>	
Groundwater Expendable Points	\$8 / each
Polyethylene Tubing 3/8" O.D. x 1/4" I.D.	\$0.45 / foot
Pre-pack Wells/Micro Well, 1/2, 3/4, 1" and 1 1/2" Completion Materials	Varies
Groundwater Monitoring Well Covers 6"	\$75 / each
<b>SOIL VAPOR SAMPLING MATERIALS</b>	
Stopcock with Luer Connections / Expendable / anchor Points	\$3.50 / \$8 / \$20 each
Vacuum chamber and pump	\$50 / day
Nyloflow / Polyethylene / Teflon Tubing 1/4" O.D. x 0.170" I.D.	\$0.45 / \$0.35 / \$2.50 / foot
Porous Polypropylene Tip / Penn Plax / Stone Coarse Vapor Implant	\$12 / \$7 / \$3 each
Tremie Hydration System plus 2/12 or glass beads and bentonite powder	\$5 / point
<b>FOULING MATERIALS</b>	
Bentonite Grout and/or Granulite/chips (50 lbs. bag)	\$15 / bag
Cement or Asphalt for Resurfacing	\$20 / bag
Grout/Injection Pump	\$175 / day
<b>MISCELLANEOUS</b>	
Per-Diem	\$120 / person / day
55 gallon / 16 gallon DOT Drum	\$50 / \$75 each
Concrete Coring 3" -10" Diameter Cut up to 8" thick	\$90-\$110 / cut
Extra Labor	\$ 65 / hour
MiniRAE 2000 PID Rental	\$100 / day
Generator / Exhaust Blower System	\$50 / \$175/ each / day
Service Run (0-50 miles Round trip = \$125)	\$3 / mile after 50 miles



*EMAX Laboratories, Inc.  
Fee Schedule*

# **EMAX Laboratories, Inc. Fee Schedule of Analytical Services**

## **POLA Rev 09/30/2010**

*EMAX Laboratories, Inc.  
1835 W. 205th Street  
Torrance, CA 90501  
Phone: 310-618-8889  
Fax: 310-618-0818  
web address: [www.emaxlabs.com](http://www.emaxlabs.com)  
email address: [info@emaxlabs.com](mailto:info@emaxlabs.com)*

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Organics</b>			
<b>GC</b>			
Organochlorinated Pesticides (only)	8081	\$110.00	\$110.00
PCBs (only)	8082	\$70.00	\$70.00
Additional Charges for Low Level PCB	8082	\$25.00	\$25.00
Organophosphorous Pesticides	8141	\$150.00	\$150.00
Chlorinated Herbicides	8151	\$145.00	\$145.00
<b>Volatiles</b>			
Volatile Organics by GC/MS	5030/8260B	\$90.00	\$90.00
Volatile Organics by GC/MS w Oxygenates	5030/8260B	\$95.00	\$95.00
Volatile Organics by GC/MS	5035/8260B	NA	\$95.00
Volatile Organics by GC/MS w Oxygenates	5035/8260B	NA	\$100.00
BTEX by GC/MS	5030/8260B	\$75.00	\$75.00
BTEX + oxygenates by GC/MS	5030/8260B	\$80.00	\$80.00
BTEX by GC/MS	5035/8260B	NA	\$80.00
BTEX + oxygenates by GC/MS	5035/8260B	NA	\$85.00
1,2,3-Trichloropropane Low Level	8260B-SIM	NA	\$120.00
<b>5035 Supplies</b>			
Encores, per tube		NA	\$8.00
Preweighed/prepreserved vial, per vial		NA	\$5.00
<b>Semi-Volatiles</b>			
Semivolatile Organics by GC/MS	8270C	\$185.00	\$185.00
SVOC by 8270C with low PAH by SIM	8270C/8270C SIM	\$315.00	\$315.00
Low Level PAHs by GC/MS-SIM	8270C-SIM	\$155.00	\$155.00
Non-PAH Low Level SVOC GC/MS SIM	8270C-SIM	\$170.00	\$170.00
1,4-dioxane Low Level	8270M-SIM	\$140.00	\$150.00
<b>HPLC</b>			
Polynuclear Aromatics by HPLC	8310	\$120.00	\$130.00
Explosives by HPLC	8330	\$125.00	\$130.00
<b>Others</b>			
Oil and Grease/Total Recoverable	1664	\$60.00	NA
Oil and Grease with Silica Gel Cleanup	1664/SGT	\$75.00	NA
<b>Vapor Samples</b>			
Volatile Organics	TO-15		\$190.00
Canister rental (per week)			\$50.00
<b>Fuels</b>			
TPH Gas (C6-C10)	8015M	\$45.00	\$50.00
TPH Diesel (C10-C24)	8015M	\$50.00	\$55.00
TPH Motor Oil (C24-C36)	8015M	\$55.00	\$60.00
TPH Full Range (C6-C36) (TPH-G,D, MO)	8015M	\$100.00	\$110.00
TPH Diesel/Motor Oil	8015M	\$65.00	\$70.00
TPH Extended Range (C10-C40)	8015M	\$65.00	\$70.00
TPH Extended Range (C6-C40) (TPH-G,Ext Range)	8015M	\$100.00	\$110.00
Ethanol by GC	8015M	\$60.00	\$80.00



**EMAX Laboratories, Inc.**  
**Fee Schedule**

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Metals</b>			
ICP Metals			
TAL Metals - 23 Metals	6010B/7470	\$160.00	\$160.00
Title 22 CAM Metals -17 Metals	6010B/7470	\$115.00	\$115.00
Priority Pollutant Metals – 13 Metals	6010B/7470	\$120.00	\$120.00
RCRA Metals - 8 Metals	6010B/7470	\$105.00	\$105.00
First Metal	6010B	\$20.00	\$20.00
Additional elements (each)	6010B	\$10.00	\$10.00
<b>ICPMS Metals</b>			
TAL Metals - 23 Metals	6020/7470	\$175.00	\$175.00
Title 22 CAM Metals -17 Metals	6020/7470	\$130.00	\$130.00
Priority Pollutant Metals – 13 Metals	6020/7470	\$135.00	\$135.00
RCRA Metals - 8 Metals	6020/7470	\$120.00	\$120.00
First Metal	6020	\$24.00	\$24.00
Additional elements (each)	6020	\$12.00	\$12.00
Hexavalent Chromium	7196	\$45.00	\$50.00
Hex Chrom w Alkaline Digestion	3060/7196		\$65.00
Hexavalent Chromium	218.6	\$80.00	\$95.00
Hexavalent Chromium	7199	\$90.00	\$105.00
Lab Filtration for Dissolved Constituents		\$10.00	NA
<b>Hazardous Waste Evaluation</b>			
Ignitability - Flash Point	1010M	\$30.00	\$30.00
Corrosivity – pH	9040/9045	\$10.00	\$15.00
Reactive Cyanide	9010	\$50.00	\$50.00
Reactive Sulfide	1310	\$50.00	\$50.00
<b>RCRA Waste -Leaching</b>			
TCLP extraction (non-volatiles)	1311	\$45.00	\$45.00
Zero Head Space Extraction (volatiles)	1311	\$55.00	\$55.00
<b>California Regulations STLC - Leaching</b>			
WET/STLC Extraction	WET	\$45.00	\$45.00
<b>Other Regulations - Leaching</b>			
SPLP Leaching	1312	\$55.00	\$55.00

*Note: Total charge based on Leaching charge + Analysis*



**EMAX Laboratories, Inc.**  
**Fee Schedule**

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Wet Chemistry / Water Quality / Miscellaneous</b>			
Alkalinity	310.1	\$18.00	NA
TDS	160.1/SM2540C	\$18.00	NA
TSS	160.2/SM2540D	\$18.00	NA
BOD	405.1/ SM5210B	\$40.00	NA
COD	410.4	\$35.00	NA
Ferrous Iron (Iron II)	SM3500	\$30.00	NA
Sulfide	376.1/SM4500	\$30.00	NA
TOC	415.1/SM5310	\$40.00	NA
Methane, Ethene, Ethane	RSK175	\$70.00	NA
<b>Ion Chromatography</b>			
Per anion (NO3, NO2, SO4, F, Cl, OPO4, Br)	300.0	\$16.00	NA
Per anion (NO3, NO2, SO4, F, Cl, OPO4, Br)	9056	\$16.00	\$20.00
Metabolic/Organic Acids	300M	\$130.00	\$150.00
<b>Metals</b>			
Iron	6010B	\$20.00	NA
Manganese	6010B	\$20.00	NA
Iron/Manganese	6010B	\$30.00	NA
Common Cations (Ca, Mg, Na, K)	6010B	\$50.00	NA



**EMAX Laboratories, Inc.  
Fee Schedule**

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Other Services (Surcharges)</b>			
<b>Turnaround Times</b>			
Standard:	5 working days		0%
Expedite:	3 working days		60% (with prior scheduling)
Rush:	2 working days		80% (with prior scheduling)
	1 working days		100% (with prior scheduling)
<b>Composite Fee</b>	per container	\$10.00	\$10.00
<b>Environmental Management Fee (1)</b>	per container	\$5.00	\$5.00
<b>Local Courier Service (Wilmington, San Pedro)</b>	per trip		No charge
<b>EDD</b>			
EDF-GeoTracker			3%
NEDD/NIRIS			3%
EMAX standard EDD (CSV)			No charge
<b>Reports</b>			
Level II Data Package	Level II		0%
Level III Data Package	Level III		5%
Level IV Data Package	Level IV		10%
PDF Report			0%
Hardcopy Report			2%

**Notes**

(1) Environmental management fee is only applied to samples not analyzed and placed on hold. Fee covers sample disposal and storage.

(2) Escalation rate of 3% per year will apply for the duration of the contract.



**EMAX Laboratories, Inc.  
Fee Schedule**

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Addendum #1.</b>			
<b>Dissolved Metals</b>			
Dissolved ICP Metals			
Dissolved TAL Metals - 23 Metals	6010B/7470	\$160.00	\$160.00
Dissolved Title 22 CAM Metals -17 Metals	6010B/7470	\$115.00	\$115.00
Dissolved Priority Pollutant Metals – 13 Metals	6010B/7470	\$120.00	\$120.00
Dissolved RCRA Metals - 8 Metals	6010B/7470	\$105.00	\$105.00
Dissolved First Metal	6010B	\$20.00	\$20.00
Additional dissolved elements (each)	6010B	\$10.00	\$10.00
<b>Dissolved ICPMs Metals</b>			
Dissolved TAL Metals - 23 Metals	6020/7470	\$175.00	\$175.00
Dissolved Title 22 CAM Metals -17 Metals	6020/7470	\$130.00	\$130.00
Dissolved Priority Pollutant Metals – 13 Metals	6020/7470	\$135.00	\$135.00
Dissolved RCRA Metals - 8 Metals	6020/7470	\$120.00	\$120.00
Dissolved First Metal	6020	\$24.00	\$24.00
Additional dissolved elements (each)	6020	\$12.00	\$12.00
<b>Addendum #2.</b>			
<b>Fuels</b>			
TPH Gas (C6-C12)	8015M	\$45.00	\$50.00
TPH Extended Range (C9-C40)	8015M	\$65.00	\$65.00
<b>Addendum #3.</b>			
Asbestos PLM-Bulk-Qualitative	PLM	NA	\$20.00
<i>Note: Unit Price Per layer</i>			



**GREGG DRILLING & TESTING, INC.**  
**CPT FEE SCHEDULE**  
**EFFECTIVE JANUARY 2010 THROUGH DECEMBER 2013**

SERVICES	DESCRIPTION OF SERVICES	RATES
<p align="center"><b>CPT Rig (Full Day)</b></p>	<p>Portal to Portal 10 hour minimum includes: CPT Rig and Support Vehicle, 10cm<sup>2</sup> or 15cm<sup>2</sup> cones. Tip (<math>q_c</math>), Friction (<math>f_s</math>), and Dynamic Pore Pressure (<math>u_2</math>), recorded at 5cm intervals. One operator and helper, DRAFT CPT plots. Additional services included: Groundwater Sampling, Soil Sampling, soil gas sampling and or Pre-Pak well installation. Materials not included</p>	<p align="center">\$3,750/day</p>
<p align="center"><b>CPT Rig (Half Day)</b></p>	<p>Portal to Portal 5 hour minimum includes: CPT Rig and Support Vehicle, 10cm<sup>2</sup> or 15cm<sup>2</sup> cones. Tip (<math>q_c</math>), Friction (<math>f_s</math>), and Dynamic Pore Pressure (<math>u_2</math>), recorded at 5cm intervals. One operator and helper, DRAFT CPT plots. Additional services included: Groundwater Sampling, Soil Sampling, soil gas sampling and or Pre-Pak well installation. Materials not included</p>	<p align="center">\$2,000/day</p>
<p align="center"><b>Premium Time</b></p>	<p>Over 10 hours, Night work (work performed between 6:00 pm and 6:00 am including mobilization) and weekend work.</p>	<p align="center">\$450/hr</p>
<p align="center"><b>Backfill of Test Locations</b></p>	<p>Bentonite grout or Portland cement</p>	<p align="center">\$2.00/ft</p>
<p align="center"><b>Ultra Violet Induced Fluorescence (UVIF/CPTU)</b></p>	<p>Daily Rental of UVOST</p>	<p align="center">\$1,500/day</p>
<p align="center"><b>Seismic Piezocone Testing (SCPT)</b></p>	<p>Collection of Shear Wave Velocity (<math>V_s</math>) or Compression Wave Velocity (<math>V_p</math>) measurements</p>	<p align="center">Included in Daily Rate</p>
<p align="center"><b>Additional Technician</b></p>	<p>Additional Technician as requested by client</p>	<p align="center">\$30/hr</p>
<p align="center"><b>Per Diem</b></p>	<p>For work requiring over night stay Based on 2-man crew</p>	<p align="center">\$300/night</p>
<p align="center"><b>Cancellation Fee</b></p>	<p>A cancellation fee will be charged for any one day job cancelled within 24 hours of scheduled start time. Cancellation of any scheduled job in excess of one week (5 business days) duration will result in a fee of 10% of the bid price.</p>	<p align="center">\$1,500/event</p>



**GREGG DRILLING & TESTING, INC.**  
**CPT FEE SCHEDULE**  
**EFFECTIVE JANUARY 2010 THROUGH DECEMBER 2013**

SERVICES	DESCRIPTION OF SERVICES	RATES
Soil Sampling Materials	Stainless Steel Sample Rings and Caps	\$8.00/each
Groundwater Sampling	Consumables	\$60.00/each
	Disposable Teflon Bailers	\$15.00/each
Temporary Piezometer Materials	3/4 inch schedule 40 screen 0.01 or 0.02	\$6.00/ft
	3/4 inch schedule 40 blank	\$4.50/ft
	Disposable Tips (3/4- inch temp. Piezometers)	\$30.00/each
Pre-Pak Well Materials	Disposable Tips (3/4 inch Pre-Pak Wells)	\$35.00/each
	3/4 inch Pre-Pak Well Screen	\$150.00/each
	3/4 inch Pre-Pak Well Bentonite Sleeve	\$110.00/each
	3/4 inch Pre-Pak Well Foam Bridge	\$65.00/each
	8-inch Well box	\$125.00/each
Soil Gas Sampling	1/4 inch Poly Tubing	\$1.00/ft
	Consumables	\$45.00/sample
Additional Materials	Bentonite Chips	\$12.00/bag
	Portland Cement	\$15.00/bag
	Asphalt Patch	\$12.00/bag
	Concrete	\$12.00/bag
Drums	Soil/Decon D.O.T Approved 45-gal. Drums	\$45.00/each
Level C Upgrade	Cost for upgrading to EPA Level C Protection	\$150.00/day
Level A or B Upgrade	Cost for upgrading to EPA Level A or B Protection	Call for Rates
Landing Mats	For access over soft ground or lawns	\$150.00/day



**GREGG DRILLING & TESTING, INC.**  
**CPT FEE SCHEDULE**  
**EFFECTIVE JANUARY 2010 THROUGH DECEMBER 2013**

SERVICES	DESCRIPTION OF SERVICES	RATES
<b>Standard Report</b>	Includes description of work performed, printed CPT plots showing depth (feet), corrected tip ( $q_t$ ), sleeve friction ( $f_s$ ), dynamic pore pressure ( $u_2$ ), friction ratio (Rf) and soil behavior type (SBT), printed pore pressure dissipation test plots (PPDT). Second printed plot showing any additional recorded parameters recorded ( $N_{60}$ , Resistivity, UVIF, $V_s$ , or $V_p$ step plot etc.) CD with data files (depth, qc, fs and Ud) and PDF's of CPT plots.	No Charge
<b>Detailed Interpretations (Geotechnical)</b> Interpreted output requires client specified water table and averaging depth interval	Includes raw data and calculated correlations. Groundwater table should be supplied by client or an estimate will be used. Files are created in Microsoft Excel.	No Charge
<b>CPT Plots</b> With additional Calculated Parameters	CPT plots showing additional calculated parameters such as normalized $Q_t$ , normalized friction ratio, t-stress, e-stress, $(N1)_{60}$ , $S_u$ , or normalized SBT.	No Charge
<b>CPT Plots Electronic Format</b>	CPT plots generated in .tiff file format.	No Charge
<b>Reproduction of CPT Plots</b>	Additional printed copies of report text, report figures CPT plots, detailed interpretations or Pore Pressure Dissipation Test Plots.	\$1.00/each
<b>Shipping</b>	Cost of shipping additional copies of CPT plots, report figures, pore pressure dissipation test, detailed interpretations or CPT plots with additional calculated parameters.	Cost plus 15%



**Gregg Drilling & Testing, Inc.**

Southern California Northern California  
 2726 Walnut Ave. 950 Howe Rd.  
 Signal Hill, CA 90755 Martinez, CA 94553  
 Ph (562) 427-6699 Ph (925) 313-6600  
 Fax (562) 427-3314 Fax (925) 313-0302

Date: \_\_\_\_\_  
 Client: \_\_\_\_\_  
 Rig No. \_\_\_\_\_  
 Crew: \_\_\_\_\_  
 Safety Level: \_\_\_\_\_  
 Arrival Time: \_\_\_\_\_  
 Departure Time: \_\_\_\_\_  
 Tailgate Safety Meeting  
 Number and type of installation: \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Client Signature: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_  
 Date: \_\_\_\_\_

Section 13751 through 13754 of the California Water Code requires that a report be filed for every groundwater well installation or abandonment. If the client does not elect to submit this report, Gregg Drilling & Testing, Inc. will complete the appropriate paperwork for a \$25 fee per well.

- Client to complete
- GDT to complete

**DRILLING SERVICES TIME & MATERIAL FEE SCHEDULE**  
 EFFECTIVE JANUARY 1, 2010 THROUGH DECEMBER 31, 2013

Equipment & Labor	Rate	Units	Subtotal	Materials	Rate	Units	Subtotal
Mud Rotary rig, two amn crew, portal to portal, includes rig tender/water truck	340/hour			PVC Well Casing-Schedule 40 2-inch diameter	\$5/foot \$10/foot		
Frasco FS400 Mud Rotary Drill Rig, three man crew, portal to portal, includes one rig tender/water truck	\$425/hour			PVC Well Screen-Schedule 40 2-inch diameter	\$8/foot		
Truck/Track-Mounted hollow stem auger rig, two man crew, portal to portal includes one support truck	\$235/hour			4-inch diameter	\$14/foot		
CME 95/Marl high torque hollow ste mrig, three man crew, portal to portal, includes support truck	\$285/hour			PVC Caps/Plug/Couplings (Threadered) 2-inch diameter	\$10/each		
Air Vacuum Excavation, two man crew, portal to portal	\$210/hour			4-inch diameter	\$20/each		
Truck Mounted Direct Push Rig, one man crew, portal to portal	\$150/hour			PVC Caps/Plug/Couplings (Slip-on) 2-inch diameter	\$5/each \$10/each		
Water Truck Rig Tender	\$400/day			4-inch diameter	\$5/each		
Service Truck	\$200/day			Locking Caps 2-inch diameter	\$35/each		
Mud System	\$250/day			4-inch diameter	\$45/each		
Grout Pump/Steam Cleaner	\$150/day			Wood Plugs	\$20/each		
Service Runs	\$100/hour			Monitoring Well Box (watertight)	\$140/each		
Front-End Loader/Bobcat	\$350/day			Anodized Stand Pipe	\$250/each		
Additional Crew Member	\$40/man			Filter Sand	\$12/bag		
Premium Time (after 8 hours, portal to portal, nights and weekends, prevailing rate)	\$35/man/hr			Bentonite Chips	\$15/bag		
Per Diem	\$150/man			Bentonite Pellets (5 gallon bucket)	\$80/each		
Subcontractor + Additional Equipment	Cost + 20%			Bentonite Drill Mud	\$30/bag		
Equipment Damage	*****			Bentonite Grout	\$12/bag		
				Ready Mix Concrete	\$15/bag		
				Portland Cement Quick Set	\$12/bag		
				Asphalt Patch	\$12/bag		
				Sample Rings	\$8/each		
				Macro Core Tubes	\$50/each		
				55-gallon Drum	\$25/each		
				Disposable Tips	\$1.00/foot		
				1/4" or 1/2" Tubing	\$15/each		
				Disposable Ballers	\$25/each		
				Traffic Cones	Cost + 20%		
				Additional Safety or Construction Materials	Cost + 20%		

Total Labor & Equipment  Total  Materials

Prices reflect E.P.A. operational safety level "D" Additional charges will be assessed for levels "A", "B", and "C".  
 Terms: Net 30. 3% Reduction of total price if paid within 10 days, 1.5% per month finance charge on accounts 30 days past due.

**GREGG WILL NOT ASSUME RESPONSIBILITY FOR LIABILITY FOR DAMAGE OF UNDERGROUND UTILITIES**

**Innovative Construction Solutions (ICS)**  
**Rate Sheet for POLA**  
*(NON-PREVAILING WAGE RATES)*



**Labor Rates**

Project Manager:	\$95.00 per hour
Site Superintendent:	\$68.00 per hour
Site Foreman:	\$50.00 per hour
Plumber:	\$54.00 per hour
Equipment Operator:	\$65.00 per hour
Field Technician:	\$38.00 per hour

**Operated Backhoes**

John Deer 310 w/ Extension:	\$105.00 per hour
John Deer 410 w/ Extension:	\$115.00 per hour

**Operated Loaders**

Skip Loader:	\$100.00 per hour
3.0 cy Loader:	\$130.00 per hour
4.0 cy Loader:	\$143.00 per hour
5.0 cy Loader:	\$155.00 per hour

**Operated Excavator**

45,000 lb Excavator:	\$143.00 per hour
60,000 lb Excavator:	\$165.00 per hour
75,000 lb Excavator:	\$175.00 per hour

**Other Operated Equipment**

5.0 cy Dump Truck:	\$85.00 per hour
2,000-gallon Water Truck:	\$85.00 per hour
Skid Steer Loader (Bobcat):	\$95.00 per hour
Mini Excavator:	\$95.00 per hour

**Mobilization/Demobilization:** Varies based on equipment type/size

**Transportation and Disposal of Waste:** Varies based on waste stream and quantity

**NOTE:** Hourly operated equipment rates include 40-hour HAZWOPER trained operators, fuel, taxes, service and maintenance.

8-hour minimum applies on first day; 4-hour minimum applies thereafter on all hourly operated equipment rates.

Published rates are subject to a 2% yearly adjustment.



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**SPECIAL RATES FOR PORT OF LOS ANGELES  
EFFECTIVE SEPTEMBER 9, 2010**

**DEFINITIONS**

**Straight Time:** Monday through Friday, from 7:00 AM to 4:00 PM

**Overtime:** Monday through Friday, before 7:00 AM and after 4:00 PM,  
and all day on Saturdays

**Premium Time:** Sundays, Following Holidays and after 12 hours of work.  
**All Premium Time will be billed at reduced Overtime Rate**

**HOLIDAYS OBSERVED**

New Year's Day  
Martin Luther King, Jr.'s Birthday  
Veterans Day  
Fourth of July  
Day after Thanksgiving  
Christmas Day

Labor Day  
Presidents Day  
Memorial Day  
Thanksgiving Day  
December 24th

**MINIMUM CHARGES**

Four (4) hour minimum charges will apply to all call outs. Portal to Portal rates apply.  
Time charges include personnel, equipment and materials for preparation, mobilization,  
travel to and from site, demobilization, decontamination, transportation and  
unloading.

**DISPOSAL AND OUTSIDE COSTS**

Subcontractors and any outside costs not listed will be billed at cost plus 15%.

**PAYMENT TERMS**

All terms are net-thirty (30) days upon receipt of invoice, unless previous arrangements  
have been made. All emergency response work for non-established customers is C.O.D.



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**FOR PORT OF LOS ANGELES ONLY**

1. HAZARDOUS WASTE TRAINED PERSONNEL

HOURLY RATE

	<u>CLASSIFICATION</u>	<u>STRAIGHT TIME</u>	<u>OVER-TIME</u>	<u>PREMIUM TIME</u>
0001	PROJECT MANAGER	75.00	95.00	95.00
0002	HEALTH & SAFETY MANAGER	75.00	95.00	95.00
0003	SUPERVISOR	70.00	90.00	90.00
0004	CHEMIST / INDUSTRIAL HYGIENIST	70.00	90.00	90.00
0005	LEAD TECHNICIAN	50.00	70.00	70.00
0006	EQUIPMENT OPERATOR	50.00	70.00	70.00
0007	TECHNICIAN 1	44.00	58.00	58.00
0008	TECHNICIAN 2 (ILWU)	51.00	68.00	68.00
0009	CLERICAL	45.00	60.00	60.00

ALL PERSONNEL HAVE AT A MINIMUM, 40-HR HAZ-WOPER TRAINING AS SPECIFIED BY 29 CFR 1910.120

2. CERTIFIED HAZARDOUS WASTE TRANSPORTATION VEHICLES

HOURLY RATE

0009	PICKUP TRUCK	15.00
0010	UTILITY TRUCK W/TRAFFIC CONTROL LIGHTS	40.00
0011	GEAR TRUCK W/LIFTSATE	40.00
0012	EMERGENCY RESPONSE UNIT - LARGE	95.00
0013	EMERGENCY RESPONSE UNIT - SMALL	65.00
0014	CREW VAN	20.00
0015	DUMP TRAILER 10,000 GWW	40.00
		<u>DAILY RATE</u>
0016	BACKHOE/EXTENDHOE "4X4" 310	425.00
0017	FORKLIFT 5,000LB	200.00
0018	FRONT END-LOADER 4 CUBIC YD BUCKET	725.00
0019	EXCAVATOR JD 220	725.00
0020	HEAVY EQUIPMENT TRAILER 25'	250.00
0021	4X4 ATV HONDA 400cc	200.00
0022	HEAVY EQUIPMENT MOBILIZATION ONE WAY	250.00

3. CERTIFIED HAZARDOUS WASTE TRANSPORTATION VEHICLES WITH DRIVERS/OPERATOR

0023	VACUUM TRAILER - 20 BBL*	84.00
0024	VACUUM TRAILER - 20 BBL* O/T	106.00
0025	VACUUM TRAILER - 20 BBL* P/T	106.00
0026	WATER TRUCK - 2500 GALLON* S/T	90.00
0027	WATER TRUCK - 2500 GALLON* O/T	120.00
0028	WATER TRUCK - 2500 GALLON* P/T	120.00
0029	VACUUM TRUCK - 70 BBL W/ ROOPER PUMP* S/T	90.00
0030	VACUUM TRUCK - 70 BBL W/ ROOPER PUMP* O/T	120.00
0031	VACUUM TRUCK - 70 BBL W/ ROOPER PUMP* P/T	120.00
0032	VACUUM TRUCK - 120 BBL* S/T	95.00
0033	VACUUM TRUCK - 120 BBL* O/T	125.00

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◆ SAN DIEGO ◆



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0034	VACUUM TRUCK - 120 BBL* P/T	125.00
0035	VACUUM TRUCK - 120 BBL STAINLESS STEEL* S/T	105.00
0036	VACUUM TRUCK - 120 BBL STAINLESS STEEL* O/T	135.00
0037	VACUUM TRUCK - 120 BBL STAINLESS STEEL* P/T	135.00
0038	ROLL-OFF TRUCK* S/T	90.00
0039	ROLL-OFF TRUCK* O/T	120.00
0040	ROLL-OFF TRUCK* P/T	120.00
0041	ROLL-OFF TRUCK AND TRAILER* S/T	105.00
0042	ROLL-OFF TRUCK AND TRAILER* O/T	135.00
0043	ROLL-OFF TRUCK AND TRAILER* P/T	135.00
0044	END DUMP TRUCK - 24 TON* S/T	105.00
0045	END DUMP TRUCK - 24 TON* O/T	135.00
0046	END DUMP TRUCK - 24 TON* P/T	135.00
0047	40' BOX VAN W/ TRACTOR* S/T	95.00
0048	40' BOX VAN W/ TRACTOR* O/T	125.00
0049	40' BOX VAN W/ TRACTOR* P/T	125.00
0050	40' FLATBED W/ TRACTOR* S/T	95.00
0051	40' FLATBED W/ TRACTOR* O/T	125.00
0052	40' FLATBED W/ TRACTOR* P/T	125.00
0053	JETTER / SUPERSUCKER COMBO* S/T	130.00
0054	JETTER / SUPERSUCKER COMBO* O/T	150.00
0055	JETTER / SUPERSUCKER COMBO* P/T	150.00

\*\* \* DENOTES WITH OPERATOR.

4. RESPIRATORY / CONFINED SPACE ENTRY EQUIPMENT

0055	SELF-CONTAINED BREATHING APPARATUS (30' MIN.)	85.00	DAILY
0056	6-PACK BREATHING AIR BOTTLES	200.00	DAILY
0057	5-MINUTE EGRESS AIR BOTTLE	15.00	DAILY
0058	TRIPOD W/DOUBLE WINCHES	190.00	DAILY
0059	FULL BODY HARNESS W/SHOCK ABSORBER	15.00	DAILY
0060	COPPUS BLOWER	95.00	DAILY
0061	4-GAS AIR MONITOR	125.00	DAILY
0062	PERSONAL 4-GAS METER	125.00	DAILY
0063	OVA MONITOR	200.00	DAILY
0064	MERCURY VAPOR ANALYZER	425.00	DAILY

5. TRAFFIC CONTROL

0065	DELINEATOR/REFLECTIVE, EACH	2.00	DAILY
0066	TRAFFIC CONE/REFLECTIVE, EACH	2.00	DAILY
0067	ARROW BOARD	150.00	DAILY
0068	PERSONNEL SAFETY VEST / REFLECTIVE	NO CHARGE	
0069	TRAFFIC CONTROL SIGNS 48"X48" / REFLECTIVE	NO CHARGE	



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6. CLEANING EQUIPMENT (INCLUDING HOSES)

0070	STEAM MACHINE 1,000 PSI 22 GPM	45.00	HOURLY
0071	STEAM MACHINE 3,500 PSI 6 GPM	45.00	HOURLY
0072	HYDROBLASTER	45.00	HOURLY
0073	AIR COMPRESSOR	35.00	HOURLY
0074	DIAPHRAGM PUMP	75.00	DAILY
0075	TRASH PUMP 3"	150.00	DAILY
0076	TRASH PUMP 4' TRAILER MOUNTED	280.00	DAILY
0077	TRASH PUMP 6' TRAILER MOUNTED	360.00	DAILY
0078	PORTABLE DECON STATION - 3 SHOWER STALLS	300.00	DAILY
0079	DECON PAD 10'X50'X10"	150.00	DAILY
0080	ELECTRIC 12 VOLT DIESEL TRANSFER PUMP	58.00	DAILY

7. PORTABLE STORAGE UNITS

0081	500-BBL VAPOR TIGHT EZ CLEAN TANK	65.00	DAILY
0082	SECONDARY CONTAINMENT ON 500-BBL TANK	35.00	DAILY
0083	550-BBL MOBILIZATION	350.00	ONE WAY
0084	20 YARD OPEN/CLOSED TOP	15.00	DAILY
0085	40 YARD OPEN/CLOSED TOP	17.00	DAILY
0086	VACUUM BIN - 20 YD	100.00	DAILY
0087	DE-WATERING BIN - 20YD	100.00	DAILY
0088	DE-WATERING BIN FILTER	75.00	EACH
0089	BIN LINER	50.00	EACH

8. OIL SPILL EQUIPMENT

0090	RAPID BOOM DEPLOYMENT SYSTEM	150.00	DAILY
0091	BOOM TRAILER (STANDBY) W/1600' OF 8" x 18"	100.00	DAILY
0092	BOOM TRAILER (STANDBY) W/1600' OF 8" x 18"	1,500.00	MONTHLY
0093	BOOM 8" x 18" (DEPLOYED)	1.50	PER FT/DAY
0094	GROUND TACKLE FOR BOOM 25 LB ANCHOR / BUOY SET	50.00	EA/DAY
0095	SPILL CONTROL BOAT - 14' W/40HP OUTBOARD	50.00	HOURLY
0096	TOW/SPILL CONTROL BOAT 19' W/90HP	85.00	HOURLY
0097	TOW/SPILL CONTROL BOAT 22' W/200HP	95.00	HOURLY
0098	22' X 8' SELF POWERED BARGE	90.00	HOURLY
0099	12' PUNT WITH 5 HP OUTBOARD	23.00	HOURLY
0100	12' PUNT	13.00	HOURLY
0101	PUNT TRAILER	NO CHARGE	
0102	45' BOX VAN EQUIPMENT FOR EMERG. RESPONSE	215.00	DAILY
0103	ROPE MOP SKIMMER	53.00	HOURLY
0104	DRUM SKIMMER TDS-136 W/ POWER PAK	80.00	HOURLY
0105	SKIM-PAK SERIES 4000 W/ CONTROL SYSTEM	75.00	DAILY
0106	INFLATABLE PLUGS 6" TO 12"	65.00	DAILY
0107	INFLATABLE PLUGS 12" TO 24"	100.00	DAILY



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9. TOOLS AND OTHER EQUIPMENT

0108	BETTS VALVE	150.00	DAILY
0109	BROOMS	NO CHARGE	
0110	BROOMS HAZ-MAT	NO CHARGE	
0111	CELLULAR PHONE (CALLS INCL.)	NO CHARGE	
0112	CHEST WADERS	20.00	DAILY
0113	CUTTING TORCH	150.00	DAILY
0114	DRUM VACUUM - 55 GALLON	80.00	DAILY
0115	EXPLOSION-PROOF FLASH LIGHT	NO CHARGE	
0116	EYEWASH STATION	NO CHARGE	
0117	FLASHLIGHT	NO CHARGE	
0118	HAND TOOLS (1 SET)	60.00	DAILY
0119	HAZ-CAT KIT	25.00	PER TEST
0120	HEDGE TRIMMERS	NO CHARGE	
0121	HEPA VACUUM (DRY)	140.00	DAILY
0122	HIP WADERS	NO CHARGE	
0123	HUDSON SPRAYER	NO CHARGE	
0124	GENERATOR 5 KW (SMALL PORTABLE)	75.00	DAILY
0125	LIFE JACKETS	NO CHARGE	
0126	LIGHT STAND	25.00	DAY
0127	LIGHT TOWER (4 BULB)	190.00	DAILY
0128	MACHETES	NO CHARGE	
0129	MERCURY VACUUM	160.00	DAILY
0130	NEG AIR MACHINE 2000 CFM	160.00	DAILY
0131	PALLET JACK	25.00	DAILY
0132	REPLACEMENT HEPA FILTERS FOR NEG AIR	200.00	EACH
0133	12" FLEXIBLE INLET/EXHAUST DUCTING	25.00	DAILY
0134	12" DISPOSABLE EXHAUST DUCTING	160.00	ROLL
0135	PER DIEM ALLOWANCE ON TRAVEL	110.00	EACH
0136	POGO PUMP	25.00	EACH
0137	PORTABLE RESTROOM	50.00	DAILY
0138	PORTABLE RESTROOM W/WASH AND TRAFFIC CONTROL	200.00	DAILY
0139	PROFILING FEE (PER WASTE STREAM)	NO CHARGE	
0140	INTRINSICALLY SAFE RADIO 2-WAY	30.00	DAILY
0141	RAKES	NO CHARGE	
0142	RIVET BUSTER	150.00	DAILY
0143	RIVET BUSTER BIT SET	40.00	EACH
0144	SAWZALL	65.00	DAILY
0145	SHOVELS	NO CHARGE	
0146	SHOVELS/HAZ-MAT	NO CHARGE	
0147	SQUEEGEES	NO CHARGE	
0148	VENTILATION FAN	65.00	DAILY
0149	VAPOR TIGHT DROP LIGHTS	12.00	DAILY

10. MATERIALS

0150	5-GAL DOT DRUM, POLY	22.00	EACH
0151	10-GAL DOT DRUM, STEEL	22.00	EACH
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0152	15-GAL DOT DRUM, STEEL	22.00	EACH
0153	15-GAL DOT DRUM, POLY	22.00	EACH
0154	20-GAL DOT DRUM, STEEL	22.00	EACH
0155	30-GAL DOT DRUM, STEEL	22.00	EACH
0156	30-GAL DOT DRUM, POLY	22.00	EACH
0157	55-GAL DOT DRUM, STEEL	50.00	EACH
0158	55-GAL DOT DRUM, POLY	50.00	EACH
0159	85-GAL DRUM, OVERPAK	185.00	EACH
0160	BOOT COVER	NO CHARGE	
0161	CAUTION / BARRICADE TAPE	25.00	PER ROLL
0162	DRINKING WATER - 24 BOTTLE CASE	NO CHARGE	
0163	DRUM LABEL	NO CHARGE	
0164	DUCT TAPE	7.00	PER ROLL
0165	EAR MUFFS	NO CHARGE	
0166	EAR PLUGS 200/BOX	NO CHARGE	
0167	FACE SHIELD	NO CHARGE	
0168	HAND CLEANER	NO CHARGE	
0169	HARD HATS	NO CHARGE	
0170	MANIFEST FORMS	NO CHARGE	
0171	OIL SORBENT POM POMS	90.00	BALE
0172	PLASTIC BAGS 8-MIL	80.00	PER BOX
0173	PLASTIC SHEETING 8 MIL	80.00	PER BOX
0174	RAGS - 50 POUND BOX	55.00	PER BOX
0175	ROPE 1/2 POLY 100'	1.00	PER FOOT
0176	SAMPLE JARS - 1QT	4.00	EACH
0177	SAND BAGS	4.00	EACH
0178	SORBENT BOOM 8" x 10"	48.00	EACH
0179	SORBENT PADS 18"x18"x1/2" (100/BALE)	92.00	BALE
0180	SUPERFINE (33 LBS)	19.00	PER BAG
0181	TRIWALL BOXES	140.00	EACH

**11. PERSONAL PROTECTIVE EQUIPMENT (PPE)**

0182	LEVEL "A" - FULLY ENCAPSULATED GAS-TIGHT SUIT WITH SCBA	150.00	PER SET
0183	LEVEL "B" - POLYTYVEK THROUGH FULLY ENCAPSULATED SUIT, BUT NOT GAS-TIGHT, W/SCBA	95.00	PER SET
0184	LEVEL "C" - TYVEK THROUGH SARANEX SUIT W/ AIR PURIFYING RESPIRATOR	45.00	PER SET
0185	LEVEL "D" - TYVEK, POLYTYVEK, COVERALL OR RAINGEAR SUIT WITH GLOVES, BOOTS, HARDHAT AND SAFETY GLASSES	25.00	PER SET

**12. ANNUAL PERCENTAGE RATE INCREASE**

PERCENTAGE INCREASE IN RATE FROM PRIOR YEAR

3%

Company Letterhead

Agreement No.:  
 ADP No.:  
 BTRC No.:  
 TIN:

Invoice Number:  
 Date:  
 POLA PM:

Task number, Project Title  
 Billing Period: Month/Day/Year to Month/Day/Year

Authorized PD Budget	Current Invoice	Invoiced To-Date	PD Balance
\$0.00	\$0.00	\$0.00	\$0.00

PERSONNEL:	Rate/Hour	Current Hours	Cumulative Hours	Current Total
Name & Title	\$0.00	0	0	\$0.00
"	\$0.00	0	0	\$0.00
"	\$0.00	0	0	\$0.00
"	\$0.00	0	0	\$0.00
"	\$0.00	0	0	\$0.00
"	\$0.00	0	0	\$0.00
<b>Total Labor Cost:</b>				<b>\$0.00</b>

SUBCONSULTANT:	Activity	Current Total
Name of Subconsultant	Work Performed	\$0.00
"		\$0.00
"		\$0.00
"		\$0.00
<b>Total Subconsultant Cost:</b>		<b>\$0.00</b>

REIMBURSABLE EXPENSES:	Current Total	
Mileage, Parking, Car Rentals, Reproduction/Copies, etc.	\$0.00	
"	\$0.00	
"	\$0.00	
"	\$0.00	
"	\$0.00	
<b>Total Other Direct Cost:</b>		<b>\$0.00</b>

REMIT PAYMENT TO: Company Name Address City, ST Zip
--

**TOTAL AMOUNT NOW DUE: \$0.00**

**Progress Report:** Describe the work undertaken during this billing period. Identify accomplishments and challenges encountered. Provide other info as appropriate.

I certify under penalty of perjury that the above bill is just and correct according to the terms of Agmt # \_\_\_\_\_ and that payment has not been received. I further certify that I have complied with the provisions of the City's Living Wage Ordinance.

\_\_\_\_\_  
 Consultant Representative Name

Date: \_\_\_\_\_  
 APPROVED AS TO SCOPE AND  
 AMOUNT OF WORK PERFORMED

\_\_\_\_\_  
 POLA PROJECT MANAGER **EXHIBIT E**

# AS-NEEDED/ON-CALL SERVICES

## MONTHLY SUBCONTRACTOR MONITORING REPORT

**Blue Cells - Enter \$ Amounts**

Please indicate the subcontractant participation levels achieved for the period of: \_\_\_\_\_

Contract No. \_\_\_\_\_

Division \_\_\_\_\_

Contract Administrator \_\_\_\_\_

Consultant Name \_\_\_\_\_

Group \_\_\_\_\_

Contract Title/Project \_\_\_\_\_

Contract Amount \_\_\_\_\_

Start Date \_\_\_\_\_

End Date \_\_\_\_\_

	MBE	WBE	OBE	SBE	DBE
Consultant Amount Committed to-date	\$	\$	\$	\$	\$
%	0.00%	0.00%	0.00%	0.00%	0.00%

	MBE	WBE	OBE	SBE	DBE
Consultant Amount Invoiced to-date	\$	\$	\$	\$	\$
%	0.00%	0.00%	0.00%	0.00%	0.00%

	Subconsultant Name	Type of Work Performed	PD#	Group (MBE/WBE/OBE/SBE/DBE)	PROPOSED		ACTUALS	
					Committed Amount	Committed Percent	Amount Invoiced to Date	Percent Invoiced to-date
1						#DIV/0!		0.00%
2						#DIV/0!		0.00%
3						#DIV/0!		0.00%
4						#DIV/0!		0.00%
5						#DIV/0!		0.00%
6						#DIV/0!		0.00%
7						#DIV/0!		0.00%
8						#DIV/0!		0.00%
9						#DIV/0!		0.00%
10						#DIV/0!		0.00%
11						#DIV/0!		0.00%
12						#DIV/0!		0.00%
13						#DIV/0!		0.00%
14						#DIV/0!		0.00%
15						#DIV/0!		0.00%
16						#DIV/0!		0.00%
17						#DIV/0!		0.00%
<b>TOTALS</b>					\$0.00	#DIV/0!	\$0.00	0.00%

Group = MBE/WBE/OBE/SBE/DBE

Committed Amount = Amount authorized by PD's

Committed Percent = % sub commitment of Prime commitment

Percent Invoiced to-date = % Invoiced of sub committed amount

## EXHIBIT "G"

### BUSINESS TAX REGISTRATION CERTIFICATE (BTRC) NUMBER

The City of Los Angeles Office of Finance requires all firms that engage in any business activity within the City of Los Angeles to pay City business taxes. Each firm or individual (other than a municipal employee) is required to obtain the necessary Business Tax Registration Certification (BTRC) and pay business tax. (Los Angeles Municipal Code Section 21.09 et seq.)

All firms and individuals that do business with the City of Los Angeles will be required to provide a BTRC number or an exemption number as proof of compliance with Los Angeles City business tax requirements in order to receive payment for goods or services. Beginning October 14, 1987, payments for goods or services will be withheld unless proof of tax compliance is provided to the City.

The Tax and Permit Division of Los Angeles Office of Finance has the sole authority to determine whether a firm is covered by business tax requirements. Those firms not required to pay will be given an exemption number.

If you do NOT have a BTRC number contact the Tax and Permit Division at the office listed below, or log on to [www.lacity.org/finance](http://www.lacity.org/finance) to download the business tax registration application.

#### MAIN OFFICE

LA City Hall

201 N. Main Street, Rm. 101 (213) 473-5901

## Exhibit "H" - AFFIRMATIVE ACTION PROGRAM PROVISIONS

### **Sec. 10.8.4 Affirmative Action Program Provisions.**

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is \$100,000 or more and every construction contract with or on behalf of the City of Los Angeles for which the consideration is \$5,000 or more shall contain the following provisions which shall be designated as the AFFIRMATIVE ACTION PROGRAM provisions of such contract:

- A. During the performance of City contract, the contractor certifies and represents that the contractor and each subcontractor hereunder will adhere to an affirmative action program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
  - 1. This provision applies to work or services performed or materials manufactured or assembled in the United States.
  - 2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.
  - 3. The contractor shall post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.
- B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- C. As part of the City's supplier registration process, and/or at the request of the awarding authority or the Office of Contract Compliance, the contractor shall certify on an electronic or hard copy form to be supplied, that the contractor has not discriminated in the performance of City contracts against any employee or applicant for employment on the basis or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status, or medical condition.
- D. The contractor shall permit access to and may be required to provide certified copies of all of its records pertaining to employment and to its employment practices by the awarding authority or the Office of Contract Compliance, for the purpose of investigation to ascertain compliance with the Affirmative Action Program provisions of City contracts, and on their or either of their request to provide evidence that it has or will comply therewith.

**Exhibit "H" - AFFIRMATIVE ACTION PROGRAM PROVISIONS**

- E. The failure of any contractor to comply with the Affirmative Action Program provisions of City contracts may be deemed to be a material breach of contract. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.
- F. Upon a finding duly made that the contractor has breached the Affirmative Action Program provisions of a City contract, the contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such breach may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Los Angeles City Charter. In the event of such determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.
- G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City contract, there may be deducted from the amount payable to the contractor by the City of Los Angeles under the contract, a penalty of TEN DOLLARS (\$10.00) for each person for each calendar day on which such person was discriminated against in violation of the provisions of a City contract.
- H. Notwithstanding any other provisions of a City contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.
- I. The Public Works Board of Commissioners shall promulgate rules and regulations through the Office of Contract Compliance and provide to the awarding authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish this contract compliance program.
- J. Nothing contained in City contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.
- K. The Contractor shall submit an Affirmative Action Plan which shall meet the requirements of this chapter at the time it submits its bid or proposal or at the time it

## Exhibit "H" - AFFIRMATIVE ACTION PROGRAM PROVISIONS

registers to do business with the City. The plan shall be subject to approval by the Office of Contract Compliance prior to award of the contract. The awarding authority may also require contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Plan. Affirmative Action Programs developed pursuant to this section shall be effective for a period of twelve

months from the date of approval by the Office of Contract Compliance. In case of prior submission of a plan, the contractor may submit documentation that it has an Affirmative Action Plan approved by the Office of Contract Compliance within the previous twelve months. If the approval is 30 days or less from expiration, the contractor must submit a new Plan to the Office of Contract Compliance and that Plan must be approved before the contract is awarded.

1. Every contract of \$5,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any kind shall in addition comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.
  2. A contractor may establish and adopt as its own Affirmative Action Plan, by affixing his or her signature thereto, an Affirmative Action Plan prepared and furnished by the Office of Contract Compliance, or it may prepare and submit its own Plan for approval.
- L. The Office of Contract Compliance shall annually supply the awarding authorities of the City with a list of contractors and suppliers who have developed Affirmative Action Programs. For each contractor and supplier the Office of Contract Compliance shall state the date the approval expires. The Office of Contract Compliance shall not withdraw its approval for any Affirmative Action Plan or change the Affirmative Action Plan after the date of contract award for the entire contract term without the mutual agreement of the awarding authority and the contractor.
- M. The Affirmative Action Plan required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Board of Public Works, Office of Contract Compliance or the awarding authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:
1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;
  2. Classroom preparation for the job when not apprenticeable;
  3. Pre-apprenticeship education and preparation;

**Exhibit "H" - AFFIRMATIVE ACTION PROGRAM PROVISIONS**

4. Upgrading training and opportunities;
  5. Encouraging the use of contractors, subcontractors and suppliers of all racial and ethnic groups, provided, however, that any contract subject to this ordinance shall require the contractor, subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the contractor's, subcontractor's or supplier's geographical area for such work;
  6. The entry of qualified women, minority and all other journeymen into the industry; and
  7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.
- N. Any adjustments which may be made in the contractor's or supplier's workforce to achieve the requirements of the City's Affirmative Action Contract Compliance Program in purchasing and construction shall be accomplished by either an increase in the size of the workforce or replacement of those employees who leave the workforce by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.
- O. Affirmative Action Agreements resulting from the proposed Affirmative Action Plan or the pre-registration, pre-bid, pre-proposal or pre-award conferences shall not be confidential and may be publicized by the contractor at his or her discretion. Approved Affirmative Action Agreements become the property of the City and may be used at the discretion of the City in its Contract Compliance Affirmative Action Program.
- P. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by contractors or suppliers engaged in the performance of City contracts.
- Q. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.

## Exhibit "I" – SMALL BUSINESS DEVELOPMENT PROGRAM

The City of Los Angeles Harbor Department is committed to creating an environment that provides all individuals and businesses open access to the business opportunities available at the Port of Los Angeles in a manner that reflects the diversity of the City of Los Angeles. The Port of Los Angeles Small Business Development Program (SBDP or the "Program") was created to provide additional opportunities for small businesses to participate in any and all contracts. An overall Department goal of 25% has been established for the Program. The specific goal or requirement for each contract to be let may be higher or lower based on the scope of work.

It is the policy of the Harbor Department to solicit participation in the performance of all service contracts by all individuals and businesses, including but not limited to, small business entities (SBEs), women-owned businesses (WBEs), and minority-owned businesses (MBEs). The Program will allow the Port to target more effectively small business participation (including MBEs and WBEs). It is also the intent of the Department to make it easier for small businesses to participate in Port contracts by providing education and assistance on how to do business with the City, including, but not limited to, insuring that payments to small businesses are processed in a timely manner.

A Small Business Enterprise (SBE) is an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations Part 121.

The SBDP is a results-oriented program, requiring contractors who receive contracts from the Port to perform outreach and utilize certified small businesses. **Based on the work to be performed, it has been determined that the percentage of small business participation will be 25%.** Consultant shall be responsible for determining the SBE status of its subconsultants for purposes of meeting the small business requirement. Small business participation will be determined by the percentage of the total amount of compensation under the agreement paid to SBEs.

The Consultant shall not substitute an SBE firm without obtaining prior approval of the City. A request for substitution must be based upon demonstrated good cause. If substitution is permitted, Consultant shall endeavor to make an in-kind substitution for the substituted SBE.

In the event of Consultant's noncompliance during the performance of the Agreement, Consultant shall be considered in material breach of contract. In addition to any other remedy available to City under this Agreement or by operation of law, the City may withhold invoice payments to Consultant until noncompliance is corrected, and assess the costs of City's audit of books and records of Consultant and its subconsultants. In the event the Consultant falsifies or misrepresents information contained in any form or other willful noncompliance as determined by City, City may disqualify the Consultant from participation in City contracts for a period of up to five (5) years.

Consultant shall complete, sign, notarize (where applicable) and submit as part of the executed agreement the attached Affidavit and Contractor Description Form. The Contractor Description Form, when signed, will signify the Consultant's intent to comply with the Small Business Requirement. In addition, prior to being awarded a contract with the Harbor Department, all contractors and subcontractors must be registered on the City's Contracts Management and Opportunities Database, the Los Angeles Business Assistance Virtual Network (LABAVN), at <http://www.labavn.org/>.

**AFFIDAVIT OF COMPANY STATUS**

Appendix A

The undersigned declares under penalty of perjury pursuant to the laws of the State of California that the following information and information contained on the attached Contractor Description Form is true and correct and include all material information necessary to identify and explain the operations of

TETRA TECH

Name of Firm

as well as the ownership thereof. Further, the undersigned agrees to provide either through the prime consultant or, directly to the Harbor Department, complete and accurate information regarding ownership in the named firm, any proposed changes of the ownership and to permit the audit and examination of firm ownership documents in association with this agreement."

Please indicate the ownership of your company:  SBE  MBE  WBE  OBE

- A Small Business Enterprise (SBE) is an independently owned and operated business that is not dominant in its field and meets criteria set forth by the Small Business Administration in Title 13, Code of Federal Regulations, Part 121.
- A Minority Business Enterprise (MBE) is defined as a business in which a minority owns and controls at 51% of the business. A Woman Business (WBE) is defined as a business in which a woman owns and controls at least 51% of the business. For the purpose of this project, a minority includes:
  - Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
  - Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
  - Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, The Indian Subcontinent, or the Pacific Islands); and
  - American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- An OBE (Other Business Enterprise) is any enterprise that is not a MBE or WBE.

Signature *Cristina Wilson*  
Printed Name CRISTINA WILSON

Title CR. CONTRACT ADMINISTRATOR  
Date Signed Senior Contract Administrator CW  
30 Sept - 2010

**NOTARY**

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared \_\_\_\_\_ to me personally known, who being duly sworn, did execute the

foregoing affidavit, and did state that he/she was properly authorized by \_\_\_\_\_  
Name of Firm

to execute the affidavit and did so act and deed.

**SEAL**

Notary Public \_\_\_\_\_

Commission Expires \_\_\_\_\_

*See attached certificate.  
KS 9/30/10*

# CALIFORNIA JURAT WITH AFFIANT STATEMENT

- See Attached Document (Notary to cross out lines 1-6 below)  
 See Statement Below (Lines 1-5 to be completed only by document signer[s], *not* Notary)

1 \_\_\_\_\_  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_  
 4 \_\_\_\_\_  
 5 \_\_\_\_\_  
 6 \_\_\_\_\_

Signature of Document Signer No. 1 \_\_\_\_\_ Signature of Document Signer No. 2 (if any) \_\_\_\_\_

State of California  
 County of Los Angeles

Subscribed and sworn to (~~or affirmed~~) before me  
 on this 30<sup>th</sup> day of September, 2010.  
Date Month Year

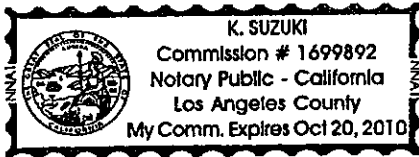
(1) Christina Wilson  
Name of Signer

proved to me on the basis of satisfactory evidence  
 to be the person who appeared before me (.) ~~(X)~~  
 (and

(2) \_\_\_\_\_  
Name of Signer

proved to me on the basis of satisfactory evidence  
 to be the person who appeared before me.)

Signature K. Suzuki  
Signature of Notary Public



Place Notary Seal and/or Stamp Above

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### Further Description of Any Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER #1

Top of thumb here

RIGHT THUMBPRINT  
OF SIGNER #2

Top of thumb here

Contract Description Form

PRIME CONTRACTOR

CONTRACT# TBD Award Date: TBD Contract Term: TBD

Contract Title: As - Needed Environmental Assessment and Site Restoration Services

Business Name: Tetra Tech, Inc. Award total: \$ TBD

Owner's Ethnicity: \_\_\_\_\_ Gender \_\_\_\_\_ Group (Circle One) SBE MBE WBE OBE

Address: 3475 East Foothill Boulevard

City/State/Zip: Pasadena, CA 91107

Telephone: (626) 470-2441 FAX: (626) 470-2641

Contact Person: David Liu

Email Address: david.liu@tetrattech.com

SUBCONTRACTOR

Business Name: American Environmental Testing Laboratory Award Total: \$ 4%

Services to be provided: Environmental testing laboratory services

Owner's Ethnicity: White Gender M Group (Circle One) SBE MBE WBE OBE

Address: 2834 North Naomi Street

City/State/Zip: Burbank, CA 91504

Telephone: (818) 845-8200 FAX: (818) 845-8840

Contact Person: Cyrus Razmara, Ph.D., CEO & Lab. Director

Email address: cyrus@actlab.com

SUBCONTRACTOR

Business Name: Belshire Environmental Services, Inc. Award Total: 4%

Services to be provided: Waste management & transportation

Owner's Ethnicity: Caucasian Gender F Group (Circle One) SBE MBE WBE OBE

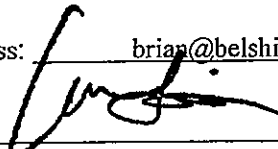
Address: 25971 Towne Centre Drive

City/State/Zip: Foothill Ranch, CA 92610

Telephone: (949) 460-5200 FAX: (949) 460-5210

Contact Person: Brian F. Cass, Sr. Account Manager

Email address: brian@belshire.com



Authorized Representative of Prime Contractor

Oct 7, 10  
Date

**SUBCONTRACTOR**

Business Name: Calscience Environmental Laboratories Award Total: \$ 2%

Services to be provided: Analytical laboratory services

Owner's Ethnicity: Asian Gender      Group (Circle One) SBE MBE WBE OBE

Address: 7440 Lincoln Way

City/State/Zip: Garden Grove, CA 92841-1427

Telephone: (714) 895-5494 FAX: (714) 894-7501

Contact Person: Robert Stearns, Director of Client Services

Email address: rstearns@calscience.com

**SUBCONTRACTOR**

Business Name: Core Probe International, Inc. Award Total: \$ 4%

Services to be provided: Geoprobe (Direct Push) services

Owner's Ethnicity: Hispanic Gender M Group (Circle One) SBE MBE WBE OBE

Address: 5075 Walnut Grove Avenue

City/State/Zip: San Gabriel, CA 91776

Telephone: (626) 309-9932 FAX: (626) 309-9978

Contact Person: Stewart Graham, President

Email address: info@coreporobe.com

**SUBCONTRACTOR**

Business Name: EMAX Laboratories, Inc. Award Total: \$ 5%

Services to be provided: Analytical laboratory services

Owner's Ethnicity: Asian Gender M Group (Circle One) SBE MBE WBE OBE

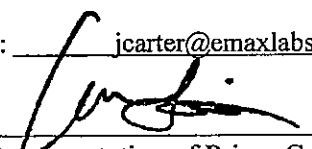
Address: 1835 W. 205<sup>th</sup> Street

City/State/Zip: Torrance, CA 90501

Telephone: (310) 618-8889 FAX: (310) 618-0818

Contact Person: Jim Carter, Business Development Manager

Email address: jcarter@emaxlabs.com

 Oct 7, 10  
Authorized Representative of Prime Contractor Date

Contract Description Form

SUBCONTRACTOR

Business Name: Gregg Drilling & Testing, Inc. Award Total: \$ 3%

Services to be provided: Drilling, Sampling, Cone Penetration Testing

Owner's Ethnicity: Gender M Group (Circle One) SBE MBE WBE OBE

Address: 2726 Walnut Avenue

City/State/Zip: Signal Hill, CA 90755

Telephone: (562) 427-6899 FAX: (562) 427-3314

Contact Person: Pat Keating, Vice President

Email address: pkeating@greggdrilling.com

SUBCONTRACTOR

Business Name: Innovative Construction Solutions (ICS) Award Total: \$ 2%

Services to be provided: Remedial planning & design, soil excavation & management

Owner's Ethnicity: Gender M Group (Circle One) SBE MBE WBE OBE

Address: 4011 West Chandler Avenue

City/State/Zip: Santa Ana, CA 92704

Telephone: (714) 893-6366 FAX: (714) 893-5122

Contact Person: Hirad Emadi, P.E. President

Email address: hemadi@icsinc.tv

SUBCONTRACTOR

Business Name: Ocean Blue Environmental Services, Inc. Award Total: \$ 3%

Services to be provided: Waste management and transportation

Owner's Ethnicity: Hispanic Gender M Group (Circle One) SBE MBE WBE OBE

Address: 925 West Esther Street

City/State/Zip: Long Beach, CA 90813

Telephone: (562) 624-4120 FAX: (562) 624-4127

Contact Person: Ron Dare

Email address: rondare@ocean-blue.com

[Signature]  
Authorized Representative of Prime Contractor

Oct 7, 10  
Date

Contract Description Form

SUBCONTRACTOR

Business Name: \*\*As Needed On Call Subcontractors Award Total: \$ TBD

Services to be provided: \_\_\_\_\_

Owner's Ethnicity: \_\_\_\_\_ Gender \_\_\_\_\_ Group (Circle One) SBE MBE WBE OBE

Address: \_\_\_\_\_

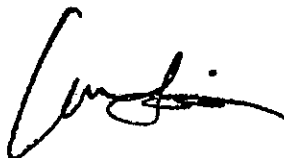
City/State/Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ FAX: \_\_\_\_\_

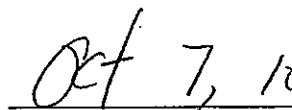
Contact Person: \_\_\_\_\_

Email address: \_\_\_\_\_

**\*\*On top of the subcontractors proposed under the Contractor Description Form, Tetra Tech Inc. will be acquiring other subcontractors as needed. If awarded, it is our intent to utilize all SBE Subcontractors under this program.**



\_\_\_\_\_  
Authorized Representative of Prime Contractor



\_\_\_\_\_  
Date

## **Exhibit "J" – EQUAL BENEFITS PROGRAM**

### **Sec. 10.8.2.1. Equal Benefits Ordinance.**

Discrimination in the provision of employee benefits between employees with domestic partners and employees with spouses results in unequal pay for equal work. Los Angeles law prohibits entities doing business with the City from discriminating in employment practices based on marital status and/or sexual orientation. The City's departments and contracting agents are required to place in all City contracts a provision that the company choosing to do business with the City agrees to comply with the City's nondiscrimination laws.

It is the City's intent, through the contracting practices outlined in this Ordinance, to assure that those companies wanting to do business with the City will equalize the total compensation between similarly situated employees with spouses and with domestic partners. The provisions of this Ordinance are designed to ensure that the City's contractors will maintain a competitive advantage in recruiting and retaining capable employees, thereby improving the quality of the goods and services the City and its people receive, and ensuring protection of the City's property.

#### **(c) Equal Benefits Requirements.**

(1) No Awarding Authority of the City shall execute or amend any Contract with any Contractor that discriminates in the provision of Benefits between employees with spouses and employees with Domestic Partners, between spouses of employees and Domestic Partners of employees, and between dependents and family members of spouses and dependents and family members of Domestic Partners.

(2) A Contractor must permit access to, and upon request, must provide certified copies of all of its records pertaining to its Benefits policies and its employment policies and practices to the DAA, for the purpose of investigation or to ascertain compliance with the Equal Benefits Ordinance.

(3) A Contractor must post a copy of the following statement in conspicuous places at its place of business available to employees and applicants for employment: "During the performance of a Contract with the City of Los Angeles, the Contractor will provide equal benefits to its employees with spouses and its employees with domestic partners." The posted statement must also include a City contact telephone number which will be provided each Contractor when the Contract is executed.

(4) A Contractor must not set up or use its contracting entity for the purpose of evading the requirements imposed by the Equal Benefits Ordinance.

(d) Other Options for Compliance. Provided that the Contractor does not discriminate in the provision of Benefits, a Contractor may also comply with the Equal Benefits Ordinance in the following ways:

(1) A Contractor may provide an employee with the Cash Equivalent only if the DAA determines that either:

a. The Contractor has made a reasonable, yet unsuccessful effort to provide Equal Benefits; or

b. Under the circumstances, it would be unreasonable to require the Contractor to provide Benefits to the Domestic Partner (or spouse, if applicable).

(2) Allow each employee to designate a legally domiciled member of the employee's household as being eligible for spousal equivalent Benefits.

(3) Provide Benefits neither to employees' spouses nor to employees' Domestic Partners.

(e) Applicability.

(1) Unless otherwise exempt, a Contractor is subject to and shall comply with all applicable provisions of the Equal Benefits Ordinance.

(2) The requirements of the Equal Benefits Ordinance shall apply to a Contractor's operations as follows:

a. A Contractor's operations located within the City limits, regardless of whether there are employees at those locations performing work on the Contract.

b. A Contractor's operations on real property located outside of the City limits if the property is owned by the City or the City has a right to occupy the property, and if the Contractor's presence at or on that property is connected to a Contract with the City.

c. The Contractor's employees located elsewhere in the United States but outside of the City limits if those employees are performing work on the City Contract.

(3) The requirements of the Equal Benefits Ordinance do not apply to collective bargaining agreements ("CBA") in effect prior to January 1, 2000. The Contractor must agree to propose to its union that the requirements of the Equal Benefits Ordinance be incorporated into its CBA upon amendment, extension, or other modification of a CBA occurring after January 1, 2000.

(f) **Mandatory Contract Provisions Pertaining to Equal Benefits.** Unless otherwise exempted, every Contract shall contain language that obligates the Contractor to comply with the applicable provisions of the Equal Benefits Ordinance. The language shall include provisions for the following:

(1) During the performance of the Contract, the Contractor certifies and represents that the Contractor will comply with the Equal Benefits Ordinance.

(2) The failure of the Contractor to comply with the Equal Benefits Ordinance will be deemed to be a material breach of the Contract by the Awarding Authority.

(3) If the Contractor fails to comply with the Equal Benefits Ordinance the Awarding Authority may cancel, terminate or suspend the Contract, in whole or in part, and all monies due or to become due under the Contract may be retained by the City. The City may also pursue any and all other remedies at law or in equity for any breach.

(4) Failure to comply with the Equal Benefits Ordinance may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.

(5) If the DAA determines that a Contractor has set up or used its Contracting entity for the purpose of evading the intent of the Equal Benefits Ordinance, the Awarding Authority may terminate the Contract on behalf of the City. Violation of this provision may be used as evidence against the Contractor in actions taken pursuant to the provisions of Los Angeles Administrative Code Section 10.40, et seq., Contractor Responsibility Ordinance.