

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



FROM: Waste Management Department

SUBMITTAL DATE:
January 27, 2014

SUBJECT: Professional Service Agreements for Laboratory Testing Services [\$190,000 - Waste Management Department Enterprise Funds]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve and authorize the Chairman of the Board of Supervisors to execute the attached Professional Service Agreements with BC Laboratories, Inc. as Primary Vendor, and TestAmerica Laboratories, Inc. and E.S. Babcock & Sons, Inc. as Secondary Vendors in accordance with Ordinance 459.4; and
2. Authorize the Purchasing Agent to: a) execute ministerial amendments on behalf of the County; b) exercise the option to renew the agreements annually for up to four (4) additional one-year periods; and c) approve contractor's fee schedule, attached to agreements as Exhibit A, Exhibit B and Exhibit C.

(continued)


Hans Kernkamp
General Manager-Chief Engineer

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 95,000.00	\$ 95,000.00	\$ 190,000.00	\$	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$	\$	
SOURCE OF FUNDS: Waste Management Department Enterprise Funds				Budget Adjustment: No	
				For Fiscal Year: 13/14	

C.E.O. RECOMMENDATION:

APPROVE

BY: 
Alex Gann

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

FORM APPROVED COUNTY COUNSEL
BY:  NEAL R. RIPNIS
DATE: 1/29/14
Purchasing:  Mark Seiler, Assistant Director
Departmental Concurrence

- A-30
- Positions Added
- 4/5 Vote
- Change Order

Prev. Agn. Ref.: _____ District: _____ Agenda Number: **12-1c**

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

FORM 11: Professional Service Agreements for Laboratory Testing Services

DATE: January 27, 2014

PAGE: Page 2 of 2

BACKGROUND:

Summary

In order to comply with State and Federal landfill regulations, the Riverside County Waste Management Department (Department) is required to perform groundwater, stormwater, leachate, gas condensate, and soil analytical testing at 21 landfills, utilizing a state-certified laboratory.

Impact on Citizens and Businesses

None.

SUPPLEMENTAL:

Additional Fiscal Information

The contracts are based on unit pricing for various sampling analyses. When the primary vendor is unavailable to meet scheduling requirements or service quality, testing services will be awarded to secondary vendors based on lowest cost pricing. The maximum annual award to each secondary vendor will be limited to \$25,000.

Due to the varied nature of sampling requirements, the total expenditures vary year to year but shall not exceed \$190,000. Annually required testing is anticipated to total \$130,000, however to ensure adequate allowances for new regulatory requirements that are expected to pass legislation in the near future, and to include an allowance for additional sampling/testing that is required due to known year to year regulatory variances and for unforeseen circumstances, the annual expenditure amount has been budgeted at \$190,000.

Under the contract renewal option, the total potential award is \$950,000.

Contract History and Price Reasonableness

In October 2013, County Purchasing on behalf of the Waste Management Department released a Request for Proposal (RFP) WMARC-227 that was e-mailed to nine vendors and advertised on the Purchasing website. Four vendors submitted proposals in response to the RFP. One vendor's proposal was deemed nonresponsive.

The Department proposes to award contracts to the three responsive vendors that submitted a proposal. This will allow the Department the flexibility to obtain laboratory testing services from three different vendors. This flexibility is crucial given strict scheduling requirements often imposed on the Department by regulatory agencies and changes in laboratory testing service quality.

The most responsive/responsible bidder is BC Laboratories, Inc. (Primary Vendor). The second and third most responsive/responsible bidders are TestAmerica Laboratories, Inc. and E.S. Babcock & Sons, Inc., respectively (Secondary Vendors). Each laboratory has performed environmental laboratory testing for a number of years and for a variety of clients, including landfills.

Each proposer was evaluated based on criteria set forth in the RFP. Each proposer's cost for services were applied to an average yearly estimated quantity of analyses to determine the best pricing, the results of which are summarized below:

BC Labs	TestAmerica	Babcock
\$ 129,381.00	\$ 154,915.00	\$168,524.00

Based on the analysis of the proposals submitted, it is the desire of the Department to select the lowest responsive/responsible vendor as primary: BC Laboratories, Inc.; with the remaining responsive/responsible vendors as secondary awards.

PROFESSIONAL or PERSONAL SERVICE AGREEMENT

for

Environmental Laboratory Services

Groundwater, Leachate & Gas Condensate

between

COUNTY OF RIVERSIDE

And

BC Laboratories, Inc.



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This Agreement, made and entered into this 25th day of February, 2014, by and between BC Laboratories, Inc. (herein referred to as "CONTRACTOR"), and the COUNTY OF RIVERSIDE, a political subdivision of the State of California, (herein referred to as "COUNTY"). The parties agree as follows:

1. DESCRIPTION OF SERVICES

- 1.1. CONTRACTOR shall provide all services as outlined and specified in Exhibit A, Scope of Services, consisting of five (5) pages at the prices stated in Exhibit B, Payment Provisions, consisting of twenty-one (21) pages.
- 1.2. CONTRACTOR represents that it has the skills, experience, and knowledge necessary to perform under this Agreement and the COUNTY relies upon this representation. CONTRACTOR shall perform to the satisfaction of the COUNTY and in conformance to and consistent with the highest standards of firms/professionals in the same discipline in the State of California.
- 1.3. CONTRACTOR affirms this it is fully apprised of all of the work to be performed under this Agreement; and the CONTRACTOR agrees it can properly perform this work at the prices stated in Exhibit B. CONTRACTOR is not to perform services or provide products outside of the Agreement.
- 1.4. Acceptance by the COUNTY of the CONTRACTOR's performance under this Agreement does not operate as a release of CONTRACTOR's responsibility for full compliance with the terms of this Agreement.

2. PERIOD OF PERFORMANCE

This Agreement shall be effective upon signature of this Agreement by both parties and continue in effect through February 12, 2015 with the option to renew on an annual basis for up to four (4) additional one-year periods via written amendment, unless terminated earlier. Each annual renewal is contingent upon mutually acceptable service and cost adjustments. This agreement will expire on February 12, 2019 if all renewal options have been exercised. CONTRACTOR shall commence performance upon signature of this Agreement by both parties and shall diligently and continuously perform thereafter. The Riverside County Board of Supervisors is the only authority that may obligate the County for a non-cancelable multi-year agreement.

3. COMPENSATION

- 3.1 The COUNTY shall pay the CONTRACTOR for services performed, products provided and expenses incurred in accordance with the terms of Exhibit B, Payment Provisions. Maximum payments by COUNTY to CONTRACTOR shall not exceed \$190,000 annually including all expenses. The COUNTY is not responsible for any fees or costs incurred above or beyond the contracted amount and shall have no obligation to purchase any specified amount of services or products. Unless otherwise specifically stated in Exhibit B, COUNTY shall not be responsible for payment of any of CONTRACTOR's expenses related to this Agreement.

3.2 No price increases will be permitted during the first year of this Agreement. All price decreases (for example, if CONTRACTOR offers lower prices to another governmental entity) will automatically be extended to the COUNTY. The COUNTY requires written proof satisfactory to COUNTY of cost increases prior to any approved price adjustment. After the first year of the award, a minimum of 30-days advance notice in writing is required to be considered and approved by COUNTY. No retroactive price adjustments will be considered. Any price increases must be stated in a written amendment to this Agreement. The net dollar amount of profit will remain firm during the period of the Agreement. Annual increases shall not exceed the Consumer Price Index- All Consumers, All Items - Greater Los Angeles, Riverside and Orange County areas for environmental water laboratory testing services and be subject to satisfactory performance review by the COUNTY and approved (if needed) for budget funding by the Board of Supervisors.

3.3 CONTRACTOR shall be paid only in accordance with an invoice submitted to COUNTY by CONTRACTOR within fifteen (15) days from the last day of each calendar month, and COUNTY shall pay the invoice within thirty (30) working days from the date of receipt of the invoice. Payment shall be made to CONTRACTOR only after services have been rendered or delivery of materials or products, and acceptance has been made by COUNTY. Prepare invoices in duplicate. For this Agreement, send the original and duplicate copies of invoices to:

Riverside County Waste Management Department
14310 Frederick Street
Moreno Valley, CA 92553
Attn: Accounts Payable

- a) Each invoice shall contain a minimum of the following information: invoice number and date; remittance address; bill-to and ship-to addresses of ordering department/division; Agreement number WMARC-96148-001-02/14; quantities; item descriptions, unit prices, extensions, sales/use tax if applicable, and an invoice total.
- b) Invoices shall be rendered monthly in arrears.

3.4 The COUNTY obligation for payment of this Agreement beyond the current fiscal year end is contingent upon and limited by the availability of COUNTY funding from which payment can be made. No legal liability on the part of the COUNTY shall arise for payment beyond June 30 of each calendar year unless funds are made available for such payment. In the event that such funds are not forthcoming for any reason, COUNTY shall immediately notify CONTRACTOR in writing; and this Agreement shall be deemed terminated, have no further force, and effect.

4. ALTERATION OR CHANGES TO THE AGREEMENT

- 4.1** The Board of Supervisors and the COUNTY Purchasing Agent and/or his designee is the only authorized COUNTY representatives who may at any time, by written order, alter this Agreement. If any such alteration causes an increase or decrease in the cost of, or the time required for the performance under this Agreement, an equitable adjustment shall be made in the Agreement price or delivery schedule, or both, and the Agreement shall be modified by written amendment accordingly.
- 4.2** Any claim by the CONTRACTOR for additional payment related to this Agreement shall be made in writing by the CONTRACTOR within 30 days of when the CONTRACTOR has or should have notice of any actual or claimed change in the work, which results in additional and unanticipated cost to the CONTRACTOR. If the COUNTY Purchasing Agent decides that the facts provide sufficient justification, he may authorize additional payment to the CONTRACTOR pursuant to the claim. Nothing in this section shall excuse the CONTRACTOR from proceeding with performance of the Agreement even if there has been a change.

5. TERMINATION

- 5.1.** COUNTY may terminate this Agreement without cause upon 30 days written notice served upon the CONTRACTOR stating the extent and effective date of termination.
- 5.2** COUNTY may, upon five (5) days written notice terminate this Agreement for CONTRACTOR's default, if CONTRACTOR refuses or fails to comply with the terms of this Agreement or fails to make progress that may endanger performance and does not immediately cure such failure. In the event of such termination, the COUNTY may proceed with the work in any manner deemed proper by COUNTY.
- 5.3** After receipt of the notice of termination, CONTRACTOR shall:
- (a) Stop all work under this Agreement on the date specified in the notice of termination; and
 - (b) Transfer to COUNTY and deliver in the manner as directed by COUNTY any materials, reports or other products, which, if the Agreement had been completed or continued, would have been required to be furnished to COUNTY.
- 5.4** After termination, COUNTY shall make payment only for CONTRACTOR's performance up to the date of termination in accordance with this Agreement and at the rates set forth in Exhibit B.
- 5.5** CONTRACTOR's rights under this Agreement shall terminate (except for fees accrued prior to the date of termination) upon dishonesty or a willful or material breach of this Agreement by CONTRACTOR; or in the event of CONTRACTOR's unwillingness or inability for any reason whatsoever to perform the terms of this Agreement. In such event, CONTRACTOR shall not be entitled to any further compensation under this Agreement.

- 5.6** CONTRACTOR is debarred from the System for Award Management (SAM). If the agreement is federally or State funded, CONTRACTOR must notify the COUNTY immediately of the debarment. Reference: (System for Award Management (SAM) at <https://www.sam.gov> for Central Contractor Registry (CCR), Federal Agency Registration (Fedreg), Online Representations and Certifications Application, and Excluded Parties List System (EPLS)). Excluded Parties Listing System (EPLS) (<http://www.epls.gov>) (Executive Order 12549, 7 CFR Part 3017, 45 CFR Part 76, and 44 CFR Part 17). The System for Award Management (SAM) is the Official U.S. Government system that consolidated the capabilities of CCR/FedReg, ORCA, and EPLS.
- 5.7** The rights and remedies of COUNTY provided in this section shall not be exclusive and are in addition to any other rights and remedies provided by law or this Agreement.

6. OWNERSHIP/USE OF CONTRACT MATERIALS AND PRODUCTS

The CONTRACTOR agrees that all materials, reports or products in any form, including electronic, created by CONTRACTOR for which CONTRACTOR has been compensated by COUNTY pursuant to this Agreement shall be the sole property of the COUNTY. The material, reports or products may be used by the COUNTY for any purpose COUNTY deems to be appropriate, including, but not limit to, duplication and/or distribution within the COUNTY or to third parties. CONTRACTOR agrees not to release or circulate in whole or part such materials, reports, or products without prior written authorization of the COUNTY.

7. CONDUCT OF CONTRACTOR

- 7.1** The CONTRACTOR covenants that it presently has no interest, including, but not limited to, other projects or contracts, and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with CONTRACTOR's performance under this Agreement. The CONTRACTOR further covenants that no person or subcontractor having any such interest shall be employed or retained by CONTRACTOR under this Agreement. The CONTRACTOR agrees to inform the COUNTY of all the CONTRACTOR's interests, if any, which are or may be perceived as incompatible with the COUNTY's interests.
- 7.2** The CONTRACTOR shall not, under circumstances which could be interpreted as an attempt to influence the recipient in the conduct of his/her duties, accept any gratuity or special favor from individuals or firms with whom the CONTRACTOR is doing business or proposing to do business, in accomplishing the work under this Agreement.
- 7.3** The CONTRACTOR or its employees shall not offer gifts, gratuity, favors, and entertainment directly or indirectly to COUNTY employees.

8. INSPECTION OF SERVICE; QUALITY CONTROL/ASSURANCE

8.1 All performance (which includes services, workmanship, materials, supplies and equipment furnished or utilized in the performance of this Agreement) shall be subject to inspection and test by the COUNTY or other regulatory agencies at all times. The CONTRACTOR shall provide adequate cooperation to any inspector or other COUNTY representative to permit him/her to determine the CONTRACTOR's conformity with the terms of this Agreement. If any services performed or products provided by CONTRACTOR are not in conformance with the terms of this Agreement, the COUNTY shall have the right to require the CONTRACTOR to perform the services or provide the products in conformance with the terms of the Agreement at no additional cost to the COUNTY. When the services to be performed or the products to be provided are of such nature that the difference cannot be corrected; the COUNTY shall have the right to: (1) require the CONTRACTOR immediately to take all necessary steps to ensure future performance in conformity with the terms of the Agreement; and/or (2) reduce the Agreement price to reflect the reduced value of the services performed or products provided. The COUNTY may also terminate this Agreement for default and charge to CONTRACTOR any costs incurred by the COUNTY because of the CONTRACTOR's failure to perform.

8.2 CONTRACTOR shall establish adequate procedures for self-monitoring and quality control and assurance to ensure proper performance under this Agreement; and shall permit a COUNTY representative or other regulatory official to monitor, assess, or evaluate CONTRACTOR's performance under this Agreement at any time, upon reasonable notice to the CONTRACTOR.

9. INDEPENDENT CONTRACTOR

The CONTRACTOR is, for purposes relating to this Agreement, an independent contractor and shall not be deemed an employee of the COUNTY. It is expressly understood and agreed that the CONTRACTOR (including its employees, agents, and subcontractors) shall in no event be entitled to any benefits to which COUNTY employees are entitled, including but not limited to overtime, any retirement benefits, worker's compensation benefits, and injury leave or other leave benefits. There shall be no employer-employee relationship between the parties; and CONTRACTOR shall hold COUNTY harmless from any and all claims that may be made against COUNTY based upon any contention by a third party that an employer-employee relationship exists by reason of this Agreement. It is further understood and agreed by the parties that CONTRACTOR in the performance of this Agreement is subject to the control or direction of COUNTY merely as to the results to be accomplished and not as to the means and methods for accomplishing the results.

10. SUBCONTRACT FOR WORK OR SERVICES

No contract shall be made by the CONTRACTOR with any other party for furnishing any of the work or services under this Agreement without the prior written approval of the COUNTY; but this provision shall not require the approval of contracts of employment between the CONTRACTOR and personnel assigned under this Agreement, or for parties named in the proposal and agreed to under this Agreement.

11. DISPUTES

11.1 The parties shall attempt to resolve any disputes amicably at the working level. If that is not successful, the dispute shall be referred to the senior management of the parties. Any dispute relating to this Agreement, which is not resolved by the parties, shall be decided by the COUNTY's Purchasing Department's Compliance Contract Officer who shall furnish the decision in writing. The decision of the COUNTY's Compliance Contract Officer shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, capricious, arbitrary, or so grossly erroneous to imply bad faith. The CONTRACTOR shall proceed diligently with the performance of this Agreement pending the resolution of a dispute.

11.2 Prior to the filing of any legal action related to this Agreement, the parties shall be obligated to attend a mediation session in Riverside County before a neutral third party mediator. A second mediation session shall be required if the first session is not successful. The parties shall share the cost of the mediations.

12. LICENSING AND PERMITS

CONTRACTOR shall comply with all State or other licensing requirements, including but not limited to the provisions of Chapter 9 of Division 3 of the Business and Professions Code. All licensing requirements shall be met at the time proposals are submitted to the COUNTY. CONTRACTOR warrants that it has all necessary permits, approvals, certificates, waivers and exemptions necessary for performance of this Agreement as required by the laws and regulations of the United States, the State of California, the County of Riverside and all other governmental agencies with jurisdiction, and shall maintain these throughout the term of this Agreement.

13. USE BY OTHER POLITICAL ENTITIES

The CONTRACTOR agrees to extend the same pricing, terms, and conditions as stated in this Agreement to each and every political entity, special district, and related non-profit entity in Riverside County. It is understood that other entities shall make purchases in their own name, make direct payment, and be liable directly to the CONTRACTOR; and COUNTY shall in no way be responsible to CONTRACTOR for other entities' purchases.

14. NON-DISCRIMINATION

CONTRACTOR shall not be discriminate in the provision of services, allocation of benefits, accommodation in facilities, or employment of personnel on the basis of ethnic group identification, race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status or sex in the performance of this

Agreement; and, to the extent they shall be found to be applicable hereto, shall comply with the provisions of the California Fair Employment and Housing Act (Gov. Code 12900 et. seq), the Federal Civil Rights Act of 1964 (P.L. 88-352), the Americans with Disabilities Act of 1990 (42 U.S.C. §1210 et seq.) and all other applicable laws or regulations.

15. RECORDS AND DOCUMENTS

CONTRACTOR shall make available, upon written request by any duly authorized Federal, State, or COUNTY agency, a copy of this Agreement and such books, documents and records as are necessary to certify the nature and extent of the CONTRACTOR's costs related to this Agreement. All such books, documents and records shall be maintained by CONTRACTOR for at least five years following termination of this Agreement and be available for audit by the COUNTY. CONTRACTOR shall provide to the COUNTY reports and information related to this Agreement as requested by COUNTY.

16. CONFIDENTIALITY

16.1 The CONTRACTOR shall not use for personal gain or make other improper use of privileged or confidential information which is acquired in connection with this Agreement. The term "privileged or confidential information" includes but is not limited to: unpublished or sensitive technological or scientific information; medical, personnel, or security records; anticipated material requirements or pricing/purchasing actions; COUNTY information or data which is not subject to public disclosure; COUNTY operational procedures; and knowledge of selection of contractors, subcontractors or suppliers in advance of official announcement.

16.2 The CONTRACTOR shall protect from unauthorized disclosure names and other identifying information concerning persons receiving services pursuant to this Agreement, except for general statistical information not identifying any person. The CONTRACTOR shall not use such information for any purpose other than carrying out the CONTRACTOR's obligations under this Agreement. The CONTRACTOR shall promptly transmit to the COUNTY all third party requests for disclosure of such information. The CONTRACTOR shall not disclose, except as otherwise specifically permitted by this Agreement or authorized in advance in writing by the COUNTY, any such information to anyone other than the COUNTY. For purposes of this paragraph, identity shall include, but not be limited to, name, identifying number, symbol, or other identifying particulars assigned to the individual, such as finger or voice print or a photograph.

17. ADMINISTRATION/CONTRACT LIAISON

The COUNTY Purchasing Agent, or designee, shall administer this Agreement on behalf of the COUNTY. The Purchasing Department is to serve as the liaison with CONTRACTOR in connection with this Agreement.

18. NOTICES

All correspondence and notices required or contemplated by this Agreement shall be delivered to the respective parties at the addresses set forth below and are deemed submitted two days after their deposit in the United States mail, postage prepaid:

COUNTY OF RIVERSIDE

Purchasing and Fleet Services
2980 Washington Street
Riverside, CA 92504-4647
Scott Haddon

CONTRACTOR

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308-4510
Carolyn E. Jackson

Riverside County Waste Management Department Services
14310 Frederick Street, Moreno Valley, CA 92553-9000 – Attn: Panda Workman

19. FORCE MAJEURE

If either party is unable to comply with any provision of this Agreement due to causes beyond its reasonable control, and which could not have been reasonably anticipated, such as acts of God, acts of war, civil disorders, or other similar acts, such party shall not be held liable for such failure to comply.

20. EDD REPORTING REQUIREMENTS

In order to comply with child support enforcement requirements of the State of California, the COUNTY may be required to submit a Report of Independent Contractor(s) form **DE 542** to the Employment Development Department. The CONTRACTOR agrees to furnish the required data and certifications to the COUNTY within 10 days of notification of award of Agreement when required by the EDD. This data will be transmitted to governmental agencies charged with the establishment and enforcement of child support orders. Failure of the CONTRACTOR to timely submit the data and/or certificates required may result in the contract being awarded to another contractor. In the event a contract has been issued, failure of the CONTRACTOR to comply with all federal and state reporting requirements for child support enforcement or to comply with all lawfully served Wage and Earnings Assignments Orders and Notices of Assignment shall constitute a material breach of Agreement. If CONTRACTOR has any questions concerning this reporting requirement, please call (916) 657-0529. CONTRACTOR should also contact its local Employment Tax Customer Service Office listed in the telephone directory in the State Government section under “Employment Development Department” or access their Internet site at www.edd.ca.gov.

21. HOLD HARMLESS/INDEMNIFICATION

21.1 CONTRACTOR shall indemnify and hold harmless the County of Riverside, its Agencies, Districts, Special Districts and Departments, their respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives (individually and collectively hereinafter referred to as Indemnitees) from any liability whatsoever, based or asserted upon any services of CONTRACTOR, its officers, employees, subcontractors, agents or

representatives arising out of or in any way relating to this Agreement, including but not limited to property damage, bodily injury, or death or any other element of any kind or nature whatsoever arising from the performance of CONTRACTOR, its officers, employees, subcontractors, agents or representatives Indemnitors from this Agreement. CONTRACTOR shall defend, at its sole expense, all costs, and fees including, but not limited, to attorney fees, cost of investigation, defense and settlements or awards, the Indemnitees in any claim or action based upon such alleged acts or omissions.

- 21.2** With respect to any action or claim subject to indemnification herein by CONTRACTOR, CONTRACTOR shall, at their sole cost, have the right to use counsel of their own choice and shall have the right to adjust, settle, or compromise any such action or claim without the prior consent of COUNTY; provided, however, that any such adjustment, settlement or compromise in no manner whatsoever limits or circumscribes CONTRACTOR'S indemnification to Indemnitees as set forth herein.
- 21.3** CONTRACTOR'S obligation hereunder shall be satisfied when CONTRACTOR has provided to COUNTY the appropriate form of dismissal relieving COUNTY from any liability for the action or claim involved.
- 21.4** The specified insurance limits required in this Agreement shall in no way limit or circumscribe CONTRACTOR'S obligations to indemnify and hold harmless the Indemnitees herein from third party claims.
- 21.5** In the event there is conflict between this clause and California Civil Code Section 2782, this clause shall be interpreted to comply with Civil Code 2782. Such interpretation shall not relieve the CONTRACTOR from indemnifying the Indemnitees to the fullest extent allowed by law.

22. INSURANCE

22.1 Without limiting or diminishing the CONTRACTOR'S obligation to indemnify or hold the COUNTY harmless, CONTRACTOR shall procure and maintain or cause to be maintained, at its sole cost and expense, the following insurance coverage's during the term of this Agreement. As respects to the insurance section only, the COUNTY herein refers to the County of Riverside, its Agencies, Districts, Special Districts, and Departments, their respective directors, officers, Board of Supervisors, employees, elected or appointed officials, agents, or representatives as Additional Insureds.

A. Workers' Compensation:

If the CONTRACTOR has employees as defined by the State of California, the CONTRACTOR shall maintain statutory Workers' Compensation Insurance (Coverage A) as prescribed by the laws of the State of California. Policy shall include Employers' Liability (Coverage B) including Occupational Disease

with limits not less than \$1,000,000 per person per accident. The policy shall be endorsed to waive subrogation in favor of The County of Riverside.

B. Commercial General Liability:

Commercial General Liability insurance coverage, including but not limited to, premises liability, unmodified contractual liability, products and completed operations liability, personal and advertising injury, and cross liability coverage, covering claims which may arise from or out of CONTRACTOR'S performance of its obligations hereunder. Policy shall name the COUNTY as Additional Insured. Policy's limit of liability shall not be less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit.

C. Vehicle Liability:

If vehicles or mobile equipment is used in the performance of the obligations under this Agreement, then CONTRACTOR shall maintain liability insurance for all owned, non-owned, or hired vehicles so used in an amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit. Policy shall name the COUNTY as Additional Insureds.

D. Professional Liability (ONLY TO BE INCLUDED IN CONTRACTS WITH SERVICE PROVIDERS INCLUDING BUT NOT LIMITED TO ENGINEERS, DOCTORS, AND LAWYERS).

Contractor shall maintain Professional Liability Insurance providing coverage for the Contractor's performance of work included within this Agreement, with a limit of liability of not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. If Contractor's Professional Liability Insurance is written on a claims made basis rather than an occurrence basis, such insurance shall continue through the term of this Agreement and CONTRACTOR shall purchase at his sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that CONTRACTOR has Maintained continuous coverage with the same or original insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

E. General Insurance Provisions - All lines:

- 1) Any insurance carrier providing insurance coverage hereunder shall be admitted to the State of California and have an A M BEST rating of not less than A: VIII (A:8) unless such requirements are waived, in writing, by the County Risk Manager. If the County's Risk Manager waives a requirement for a particular insurer such waiver is only valid for that specific insurer and only for one policy term.
- 2) The CONTRACTOR must declare its insurance self-insured retention for each coverage required herein. If any such self-insured retention exceeds \$500,000 per occurrence each such retention shall have

the prior written consent of the County Risk Manager before the commencement of operations under this Agreement. Upon notification of self-insured retention unacceptable to the COUNTY, and at the election of the County's Risk Manager, CONTRACTOR'S carriers shall either; 1) reduce or eliminate such self-insured retention as respects this Agreement with the COUNTY, or 2) procure a bond which guarantees payment of losses and related investigations, claims administration, and defense costs and expenses.

3) CONTRACTOR shall cause CONTRACTOR'S insurance carrier(s) to furnish the County of Riverside with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of Endorsements effecting coverage as required herein, and 2) if requested to do so orally or in writing by the County Risk Manager, provide original Certified copies of policies including all Endorsements and all attachments thereto, showing such insurance is in full force and effect. Further, said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that thirty (30) days written notice shall be given to the County of Riverside prior to any material modification, cancellation, expiration or reduction in coverage of such insurance. In the event of a material modification, cancellation, expiration, or reduction in coverage, this Agreement shall terminate forthwith, unless the County of Riverside receives, prior to such effective date, another properly executed original Certificate of Insurance and original copies of endorsements or certified original policies, including all endorsements and attachments thereto evidencing coverage's set forth herein and the insurance required herein is in full force and effect. CONTRACTOR shall not commence operations until the COUNTY has been furnished original Certificate (s) of Insurance and certified original copies of endorsements and if requested, certified original policies of insurance including all endorsements and any and all other attachments as required in this Section. An individual authorized by the insurance carrier shall sign the original endorsements for each policy and the Certificate of Insurance.

4) It is understood and agreed to by the parties hereto that the CONTRACTOR'S insurance shall be construed as primary insurance, and the COUNTY'S insurance and/or deductibles and/or self-insured retention's or self-insured programs shall not be construed as contributory.

5) If, during the term of this Agreement or any extension thereof, there is a material change in the scope of services; or, there is a material change in the equipment to be used in the performance of the scope of work; or, the term of this Agreement, including any extensions thereof, exceeds five (5) years; the COUNTY reserves the right to adjust the types of insurance and the monetary limits of liability required under this Agreement, if in the County Risk Manager's reasonable judgment, the amount or type of insurance carried by the CONTRACTOR has become inadequate.

6) CONTRACTOR shall pass down the insurance obligations contained herein to all tiers of subcontractors working under this Agreement.

7) The insurance requirements contained in this Agreement may be met with a program(s) of self-insurance acceptable to the COUNTY.

8) CONTRACTOR agrees to notify COUNTY of any claim by a third party or any incident or event that may give rise to a claim arising from the performance of this Agreement.

23. GENERAL

- 23.1** CONTRACTOR shall not delegate or assign any interest in this Agreement, whether by operation of law or otherwise, without the prior written consent of COUNTY. Any attempt to delegate or assign any interest herein shall be deemed void and of no force or effect.
- 23.2** Any waiver by COUNTY of any breach of any one or more of the terms of this Agreement shall not be construed to be a waiver of any subsequent or other breach of the same or of any other term of this Agreement. Failure on the part of COUNTY to require exact, full, and complete compliance with any terms of this Agreement shall not be construed as in any manner changing the terms or preventing COUNTY from enforcement of the terms of this Agreement.
- 23.3** In the event the CONTRACTOR receives payment under this Agreement, which is later disallowed by COUNTY for nonconformance with the terms of the Agreement, the CONTRACTOR shall promptly refund the disallowed amount to the COUNTY on request; or at its option the COUNTY may offset the amount disallowed from any payment due to the CONTRACTOR.
- 23.4** CONTRACTOR shall not provide partial delivery or shipment of services or products unless specifically stated in the Agreement.
- 23.5** CONTRACTOR shall not provide any services or products subject to any chattel mortgage or under a conditional sales contract or other agreement by which an interest is retained by a third party. The CONTRACTOR warrants that it has good title to all materials or products used by CONTRACTOR or provided to COUNTY pursuant to this Agreement, free from all liens, claims, or encumbrances.
- 23.6** Nothing in this Agreement shall prohibit the COUNTY from acquiring the same type or equivalent equipment, products, materials or services from other sources, when deemed by the COUNTY to be in its best interest. The COUNTY reserves the right to purchase more or less than the quantities specified in this Agreement.
- 23.7** The COUNTY agrees to cooperate with the CONTRACTOR in the CONTRACTOR's performance under this Agreement, including, if stated in the Agreement, providing the CONTRACTOR with reasonable facilities and timely access to COUNTY data, information, and personnel.
- 23.8** CONTRACTOR shall comply with all applicable Federal, State and local laws and regulations. CONTRACTOR will comply with all applicable COUNTY policies and procedures. In the event

that there is a conflict between the various laws or regulations that may apply, the CONTRACTOR shall comply with the more restrictive law or regulation.

- 23.9 CONTRACTOR shall comply with all air pollution control, water pollution, safety and health ordinances, statutes, or regulations, which apply to performance under this Agreement.
- 23.10 CONTRACTOR shall comply with all requirements of the Occupational Safety and Health Administration (OSHA) standards and codes as set forth by the U.S. Department of Labor and the State of California (Cal/OSHA).
- 23.11 This Agreement shall be governed by the laws of the State of California. Any legal action related to the performance or interpretation of this Agreement shall be filed only in the Superior Court of the State of California located in Riverside, California, and the parties waive any provision of law providing for a change of venue to another location. In the event any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.
- 23.12 This Agreement, including any attachments or exhibits, constitutes the entire Agreement of the parties with respect to its subject matter and supersedes all prior and contemporaneous representations, proposals, discussions and communications, whether oral or in writing. This Agreement may be changed or modified only by a written amendment signed by authorized representatives of both parties.

COUNTY

County of Riverside Administrative Center
4080 Lemon Street
Riverside, CA 92501

By: _____

Jeff Stone
Chairman, Board of Supervisors

Date: _____

CONTRACTOR

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308-4510

By: _____


Carolyn E. Jackson
President

Date: 2/4/14

ATTEST:

KECIA HARPER-IHEM, Clerk of the Board

APPROVED AS TO FORM:

NEAL KIPNIS, COUNTY Counsel

FORM APPROVED COUNTY COUNSEL

BY: _____


NEAL R. KIPNIS

DATE

By: _____

Deputy

EXHIBIT A – SCOPE OF SERVICE

1. Contractor Requirements

The CONTRACTOR shall provide all sample containers, with appropriate preservatives, for the requisite analytical method. Each container shall be new and unused (certified clean) or if cleaned by the CONTRACTOR, clean certification must be provided. The CONTRACTOR shall transport/ship the sample containers to COUNTY upon request. The COUNTY will supply ice chests (coolers) and ice.

2. Sample Analyses

The analytes or analytical methods anticipated for each of the different media types is described below. Analytes or analytical methods not included on the attached parameter lists may be requested during the year. Therefore a unit price for these shall be determined at the time of request.

2.1 Groundwater Sampling

2.1.1 Detection Monitoring

The COUNTY is required to perform laboratory analysis of groundwater samples on a quarterly and semi-annual basis, depending on the site. A list of monitoring parameters the COUNTY is required to analyze for Groundwater Detection Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” In addition, for each groundwater sample set, the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B constituents. Provisions for quarterly and semi-annual analytical services are therefore required.

2.1.1.1 Constituents of Concern (COC) Monitoring

In addition to the previously mentioned quarterly and semi-annual analyses, the COUNTY is required to perform a laboratory analysis for Constituents of Concern (COCs) once every five years, when entering an Evaluation Monitoring Plan (EMP), for newly installed wells, or as required by the RWQCBs. A list of the monitoring parameters the COUNTY is required to analyze for COC scan. Groundwater Constituents of Concern Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” In addition, the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. The COUNTY is scheduled to perform the five-year COC scan for most wells during the 2015-2016 fiscal year. Provisions for COC analytical services are therefore required if the contract is renewed to include the 2015-2016 fiscal year. Information is listed in Exhibit B of Fee Schedule

2.1.1.2 Stormwater Sampling

At a minimum, the COUNTY is required to perform laboratory analysis of stormwater samples twice during each fiscal year for each stormwater sampler. Provisions for stormwater sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.3 Leachate Collection System Sampling

The COUNTY is required to perform laboratory analysis of leachate samples at least once per year per applicable site. In addition, for each leachate sample the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. Provisions for leachate sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.4 Gas Condensate Sampling

At a minimum, the COUNTY is required to perform laboratory analysis of gas condensate samples annually. In addition, for each gas condensate sample the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. Provisions for gas condensate sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.5 Soil Analysis

At times, the COUNTY is required to perform laboratory analysis of soil samples in an effort to

determine contaminant levels in septic ponds, excavations, and near leachate seeps. Provisions for soil sampling analytical services are therefore required. At the time of sample delivery, not all parameters may be requested for analysis. Information is listed in Exhibit B of Fee Schedule.

2.1.1.6 Office Water Tank Analysis

At times, the COUNTY is required to perform laboratory analysis of water samples in an effort to determine contaminant levels in the non-potable water used at some of the active sites. A list of the monitoring parameters the COUNTY *may* be required to analyze water samples for Groundwater Detection Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” Provisions for water sampling analytical services are therefore required. At the time of sample delivery, not all parameters may be requested for analysis. Information is listed in Exhibit B of Fee Schedule

3. Performance Specifications

3.1.1 Time of Performance

The CONTRACTOR shall be able to respond to COUNTY requests for sample container and sample pickups/drop offs in a timely manner. The CONTRACTOR shall transport/ship sample containers to COUNTY’s facilities within 36-hour notice. The CONTRACTOR shall transport/ship samples for CONTRACTOR analysis, within the analytical test method hold times, upon 24-hour notice of sample collection.

Analytical results shall be submitted in a timely manner and consist of all analytical results being reported to the COUNTY per each Chain of Custody event (i.e. all requested analysis on a single Chain of Custody must be sent to the COUNTY at one time under the same cover letter).

3.1.2 Destroyed and/or Lost Samples

The CONTRACTOR shall provide for monetary refunds for the cost of analysis, if procedures are performed in direct violation of instructions by COUNTY, if the CONTRACTOR destroys or loses samples, if the CONTRACTOR does not analyze the samples in a timely manner, meeting the test method holding times, or if quality control testing indicates that there is a problem with the CONTRACTOR’s test methods. Compensation for labor costs associated with the COUNTY’s re-sampling efforts (if required) shall be the responsibility of the CONTRACTOR.

3.1.3 Delayed Reporting of Results

If the analyses are not prepared within the specified timeframe, the CONTRACTOR shall provide the COUNTY with a written explanation as to the circumstances surrounding such delay and/or destruction of samples. This explanation shall be sufficient to provide COUNTY with satisfactory information for inclusion into reports prepared by COUNTY to regulatory agencies.

Failure to submit analytical results in accordance with the time schedule may result in loss of future work. Consistent delays in transmitting analytical results may cause cancellation of purchase order/agreement in accordance with Section 8 (Inspection of Service; Quality Control/Assurance) of the General Conditions in Personal/Professional Services Agreement (PSA), which precedes Appendix A.

4. Billing Requirements

All invoices/billing requests shall be submitted at the end of each month for the preceding month's analytical results. An invoice shall be prepared for each sampling event/Chain of Custody. The invoice/bill request shall include the Site name, sample identification, sample date, number of analyses, unit prices and costs, and CONTRACTOR tracking number. Failure to submit invoices in the format specified may delay payment by the COUNTY.

5. Quality Assurance / Quality Control

Current expectations by the COUNTY include:

- a) All testing procedures shall be completed in accordance with the most recent version listed in the U.S. EPA's Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846) and/or Standard Methods for the Examination of Water and Wastewater (American Public Health Association, American Water Works Association, and Water Environment Federation).
- b) The CONTRACTOR logbook is to be accessible to the COUNTY during the course of the project.
- c) The analysis of a Matrix Spike/Matrix Spike Duplicate at a frequency of 1 per 20 samples of similar matrix.
- d) The analysis of a CONTRACTOR Control Sample with each extraction batch or 1 per 20 samples.
- e) The analysis of a Method Blank with each extraction batch or 1 per 20 samples.
- f) The analysis of a single control sample (for organics) per batch.
- g) Reporting Limits (RLs) and Method Detection Limits (MDLs) shall be derived and performed by the CONTRACTOR for each analyte, according to the requirements of the test method or the California Department of Public Health, Environmental Laboratory Accreditation Program (ELAP), whichever is more stringent. The CONTRACTOR shall adhere to the RLs and MDLs specified in the CONTRACTOR's proposal, specifically Tables H through L. Samples results less than the RL but greater than the MDL shall be "J" flagged and so noted in the CONTRACTOR report.

All work papers prepared in connection with the contractual services will remain the property of the successful bidder, however all reports rendered to the COUNTY are the exclusive property of the COUNTY and subject to its use and control.

The CONTRACTOR shall submit analytical results to the COUNTY in the formats specified below.

6. Reporting Requirements/Format of Data

6.1.1 Hard Copies

Analytical results shall be certified (a cover letter signed by the CONTRACTOR director stating that the data meets state certification standards). The cover letter should also state what date the digital data was sent via electronic mail.

All data deliverables, with the exception of the raw data requirement, are required to comply with EPA Region IX deliverables, which is equivalent to Exhibit C, Data Deliverables Summary Table. All analytical reports shall be submitted electronically as PDF report, which is formatted easily to read and includes, at a minimum, the following:

6.1.1.1 Case Narrative

Sample Description Summary
Summary of Anomalies or Nonconformance

6.1.1.2 Data Summary

Client Sample ID
CONTRACTOR Sample ID
Site Name
Sample Date
Receipt Date
Extraction Date
Analysis Date
Method Reference
Target Analyte
Sample Results
Data Qualifier(s)
Units
Reporting Limit

Method Detection Limit

RLs and MDLs ***shall*** be specified along with the results of the sample analysis.

6.1.1.3 Quality Assurance Summary

Matrix Spike/Matrix Spike Duplicate Summary

Original Sample Amount

Spike Amount

Spike Recovery

Control Limits

Precision and Accuracy

CONTRACTOR Control Spike/Spike Duplicate Summary

Spike Amount

Spike Recovery

Control Limits

Precision and Accuracy

Method Blank Summary

Single Control Sample (Organics only)

All QA/QC data shall be reported, along with the sample results to which it applies, including the method, equipment, and analytical detection limits, the recovery rates, an explanation for any recovery rate that is less than 80 percent (a requirement of the California Regional Water Quality Control Board - Colorado River Region), the results of equipment and method blanks, the results of spiked and surrogate samples, the frequency of quality control analysis, and the name of the person(s) performing the analyses. Sample results shall be reported unadjusted for blank results or spike recovery. The CONTRACTOR shall notify the COUNTY immediately, via telephone, if the sample analysis fails the requisite QA/QC criteria. In cases where contaminants are detected in QA/QC samples (i.e. field, trip, or method blanks), the accompanying sample results shall be appropriately flagged.

6.1.1.4 Chain of Custody Documentation

The report shall include all necessary chain of custody documentation.

6.1.1.5 Additional Parameters

When additional monitoring parameters are reported (either through more advanced analysis techniques or improved equipment) for a monitoring event, the selected CONTRACTOR ***shall*** advise the COUNTY in writing as to the revised methodology, the additional parameter, the corresponding CAS number and any other applicable changes.

6.1.1.6 "Unknown Peak" reporting

For the volatile and semi-volatile GC/MS methods, the ten and twenty, respectively, largest non-target analyte peaks whose area count exceeds 10 percent of the nearest internal standard will be termed "Tentatively Identified Compounds" (TICs). The identification of TICs shall be made per SW-846 guidelines. Quantitation shall be an estimation of the concentration using the nearest internal standard as per EPA protocol and assuming a response factor (RF) for TIC of "1". The report shall indicate that the value is an estimate and identify which internal standard was used for the estimation. All costs of identifying or tentatively identifying and quantifying any unknown analytes shall be born by the CONTRACTOR and shall be included in the unit rates proposed by the CONTRACTOR.

6.1.2 Digital (PC Compatible) Copies

In addition to the PDF copies listed above, all data ***must*** be submitted in an ASCII Tab Delimited format in the categories/fields and order as shown in Exhibit D. Also, since all of the COUNTY's data will be linked by "CAS numbers," it is imperative that the CONTRACTOR lists ALL parameters with the correct CAS number, as shown on Exhibit B. TICs must have a "Y" in the last column and must have a CAS number

listed in the third column, as shown on Exhibit D.

Digital data shall be submitted to the COUNTY, via electronic mail, within the amount of time specified in the CONTRACTOR's proposal after receipt of samples. If the data is not received by the COUNTY within the specified timeframe, provisions for compensation to the COUNTY will be provided for (see section of the Performance Specifications). All digitally transmitted data shall contain the selected CONTRACTOR's State Certification Number and Lab Number in the digital file.

6.1.3 GeoTracker Electronic Deliverable Format (EDF)

In addition to the PDF copies and digital format specified above, all applicable data must be submitted in State Water Resources Control Board GeoTracker Electronic Deliverable Format (EDF). The laboratory shall be solely responsible for uploading all requisite laboratory information to the GeoTracker website, in the format and manner specified by the State Water Sources Control Board and/or local Regional Water Quality Control Board. The bidders shall anticipate that all groundwater, leachate, gas condensate and soil samples analyzed will require an EDF upload to GeoTracker. The COUNTY will specify on the chain of custody whether an EDF submittal is required. Stormwater sample reports will not require an EDF submittal. The laboratory shall notify the COUNTY upon successful upload of EDF submittals. Please refer to the State Water Resources Control Board website if additional information is needed regarding EDF submittals:

http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/

EXHIBIT B – FEE SCHEDULE

Groundwater Detection Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonium Nitrogen (NH4-N)	EPA 350.1	0.017	0.05	mg/l	7664-41-7	\$ 22.00
Chloride (Cl)	EPA 300.0	0.067	0.5	mg/l	1-00-3	\$ 6.00
Iron (Fe)	EPA 6010	0.03	0.05	mg/l	7439-89-6	\$ 6.00
Iron II	SM 3500FED	0.05	0.1	mg/l		\$ 20.00
LAB pH	EPA 150.1	0.05	0.05	units	1-00-6	\$ 6.00
Nitrate (NO3-N)	EPA 300.0	0.025	0.1	mg/l	25-90-0	\$ 6.00
Phosphate (PO4)	EPA 365.4	0.04	0.15	mg/l	226750-80-0	\$ 13.00
Silicon (Si)	EPA 6010	0.015	0.1	mg/l	7440-21-3	\$ 6.00
Specific Conductance	EPA 120.1	1	1	umho/cm	1-01-1	\$ 6.00
Strontium (Sr), Total	EPA 8010	0.001	0.01	mg/l	7440-24-6	\$ 6.00
Sulfate (SO4)	EPA 300.0	0.18	1	mg/l	3-03-5	\$ 6.00
Total Organic Carbon (TOC)	EPA 415.1	0.1	0.3	mg/l	1-01-2	\$ 16.00
Total Dissolved Solids (TDS)	EPA 160.1	10	10	mg/l	1-01-0	\$ 7.00
Turbidity	EPA 180.1	0.1	0.1	NTU	16	\$ 5.00
Diesel						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Hydrocarbons	EPA 8015	5.1	10	ug/l		\$ 42.00
EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	EPA 504	0.0036	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	EPA 504	0.0013	0.01	ug/l	106-93-4	
Subtotal - EDB and DBCP						\$ 35.00
Dissolved Gases						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ethene	RSK-175	0.0003	0.002	mg/l	74-82-8	\$ 40.00
Hydrogen Sulfide	AQMD 307.91	0.37	2.0	ppbv (units)	6/4/7783	\$ 65.00
Methane	RSK-175	0.0003	0.001	mg/l	74-85-1	\$ 40.00
Fatty Acids						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Acetic Acid	HPLC/UV	1.2	1	mg/l	64-19-7	
Butyric Acid	HPLC/UV	1.2	1	mg/l	107-92-6	
Lactic Acid	HPLC/UV	0.89	1	mg/l	50-21-5	
Propionic Acid	HPLC/UV	0.83	1	mg/l	79-09-4	
Pyruvic Acid	HPLC/UV	0.064	0.5	mg/l	127-17-3	
Subtotal - Fatty Acids						\$ 75.00
Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260	0.18	0.50	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260	0.11	0.50	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260	0.17	0.50	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260	0.16	0.50	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260	0.11	0.60	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260	0.18	0.50	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260	0.085	0.50	ug/l	563-58-6	
1,2,3-Trichloropropane	EPA 8260	0.24	1.0	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260	0.18	0.50	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260	0.072	0.50	ug/l	95-50-1	
1,2-Dichloroethane	EPA 8260	0.17	0.50	ug/l	107-06-2	
1,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260	0.15	0.50	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260	0.086	0.50	ug/l	142-28-8	
1,4-Dichlorobenzene	EPA 8260	0.062	0.50	ug/l	106-46-7	

Groundwater Detection Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260	3.4	10	ug/l	591-78-6	
Acetone	EPA 8260	4.6	10	ug/l	67-64-1	
Acetonitrile	EPA 8260	5.5	10	ug/l	75-05-8	
Acrolein	EPA 8260	7.9	2	ug/l	107-02-8	
Acrylonitrile	EPA 8260	1.2	5.0	ug/l	107-13-1	
Allyl Chloride	EPA 8260	0.8	5.0	ug/l	107-05-1	
Benzene	EPA 8260	0.083	0.50	ug/l	71-43-2	
Benzyl Chloride	EPA 8260	0.6	5	ug/l	100-44-77	
Bromochloromethane	EPA 8260	0.24	0.50	ug/l	74-97-5	
Bromodichloromethane	EPA 8260	0.14	0.50	ug/l	75-27-4	
Bromoform	EPA 8260	0.27	0.50	ug/l	75-25-2	
Bromomethane	EPA 8260	0.25	1.0	ug/l	74-83-9	
Carbon Disulfide	EPA 8260	0.38	1.0	ug/l	75-15-0	
Carbon Tetrachloride	EPA 8260	0.18	0.50	ug/l	56-23-5	
Chlorobenzene	EPA 8260	0.083	0.50	ug/l	108-90-7	
Chloroethane	EPA 8260	0.14	0.50	ug/l	75-00-3	
Chloroform	EPA 8260	0.12	0.50	ug/l	67-66-3	
Chloromethane	EPA 8260	0.14	0.50	ug/l	74-87-3	
Chloroprene	EPA 8260	0.37	5.0	ug/l	126-99-8	
cis-1,2-Dichloroethene	EPA 8260	0.085	0.50	ug/l	156-59-2	
cis-1,3-Dichloropropene	EPA 8260	0.14	0.50	ug/l	10061-01-5	
Dibromochloromethane	EPA 8260	0.13	0.50	ug/l	124-48-1	
Dibromomethane	EPA 8260	0.24	0.50	ug/l	74-95-3	
Dichlorodifluoromethane	EPA 8260	0.089	0.50	ug/l	75-71-8	
Ethyl Methacrylate	EPA 8260	0.97	4.0	ug/l	97-63-2	
Ethylbenzene	EPA 8260	0.098	0.50	ug/l	100-41-4	
Iodomethane	EPA 8260	0.47	2.0	ug/l	74-88-4	
Isobutyl Alcohol	EPA 8260	7.7	20	ug/l	78-83-1	
Methacrylonitrile	EPA 8260	1.7	10	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	EPA 8260	2.1	10	ug/l	108-10-1	
Methyl Methacrylate	EPA 8260	1.5	5.0	ug/l	80-62-6	
Methylene Chloride	EPA 8260	0.48	1.0	ug/l	75-09-2	
Naphthalene	EPA 8260	0.36	0.50	ug/l	91-20-3	
Propionitrile	EPA 8260	4.2	20	ug/l	107-12-0	
Styrene	EPA 8260	0.068	0.50	ug/l	100-42-5	
Tetrachloroethene	EPA 8260	0.13	0.50	ug/l	127-18-4	
Toluene	EPA 8260	0.083	0.50	ug/l	108-88-3	
Total Xylenes	EPA 8260	0.38	1.0	ug/l	1330-20-7	
m-Xylene	EPA 8260	0.28	0.50	ug/l	108-38-3	
o-Xylene	EPA 8260	0.082	0.50	ug/l	95-47-6	
p-Xylene	EPA 8260	0.28	0.50	ug/l	106-42-3	
trans-1,2-Dichloroethene	EPA 8260	0.15	0.50	ug/l	156-60-5	
trans-1,3-Dichloropropene	EPA 8260	0.079	0.50	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	EPA 8260	1.4	5.0	ug/l	110-57-6	
Trichloroethene	EPA 8260	0.085	0.50	ug/l	79-01-8	
Trichlorofluoromethane	EPA 8260	0.13	0.50	ug/l	75-69-4	
Vinyl Acetate	EPA 8260	1.8	10	ug/l	108-05-4	
Vinyl Chloride	EPA 8260	0.12	0.50	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Region Detection Set Price						\$ 50.00
Semi-Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	EPA 8270	0.39	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	EPA 8270	0.3	10	ug/l	99-35-4	
1,4-Naphthoquinone	EPA 8270	2.1	20	ug/l	130-15-4	
1-Naphthylamine	EPA 8270	5.3	20	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	EPA 8270	4.7	10	ug/l	58-90-2	
2,4,5-Trichlorophenol	EPA 8270		0.31	ug/l	95-95-4	
2,4,6-Trichlorophenol	EPA 8270	0.6	5.0	ug/l	88-06-2	

Groundwater Detection Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,4-Dichlorophenol	EPA 8270	0.43	2.0	ug/l	120-83-2	
2,4-Dimethylphenol	EPA 8270	0.2	2.0	ug/l	105-87-9	
2,4-Dinitrophenol	EPA 8270	0.2	10	ug/l	51-28-5	
2,4-Dinitrotoluene	EPA 8270	0.26	2.0	ug/l	121-14-2	
2,6-Dichlorophenol	EPA 8270	1.3	10	ug/l	87-65-0	
2,6-Dinitrotoluene	EPA 8270	0.41	2.0	ug/l	606-20-2	
2-Acetylaminofluorene	EPA 8270	0.38	10	ug/l	53-96-3	
2-Chloronaphthalene	EPA 8270	0.34	2.0	ug/l	91-58-7	
2-Chlorophenol	EPA 8270	0.37	2.0	ug/l	95-57-8	
2-Methylnaphthalene	EPA 8270	0.28	2.0	ug/l	91-57-6	
2-Naphthylamine	EPA 8270	4.8	20	ug/l	91-59-8	
2-Nitroaniline	EPA 8270	0.33	2.0	ug/l	88-74-4	
2-Nitrophenol	EPA 8270	0.28	2.0	ug/l	88-75-5	
3,3'-Dichlorobenzidine	EPA 8270		8.2 10	ug/l	91-94-1	
3,3'-Dimethylbenzidine	EPA 8270	5.4	20	ug/l	118-93-7	
3-Methylcholanthrene	EPA 8270	0.56	10	ug/l	56-49-5	
3-Nitroaniline	EPA 8270	0.66	2.0	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	EPA 8270	0.34	10	ug/l	534-52-1	
4-Aminobiphenyl	EPA 8270	5.2	20	ug/l	92-67-1	
4-Bromophenyl phenyl ether	EPA 8270	0.23	2.0	ug/l	101-55-3	
4-Chloro-3-methylphenol	EPA 8270		0.4 5.0	ug/l	59-50-7	
4-Chloroaniline	EPA 8270	0.69	2.0	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	EPA 8270	0.23	2.0	ug/l	7005-72-3	
4-Nitroaniline	EPA 8270	0.67	5.0	ug/l	100-01-6	
4-Nitrophenol	EPA 8270	0.73	2.0	ug/l	100-02-7	
5-Nitro-o-toluidine	EPA 8270	0.44	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	EPA 8270	0.41	10	ug/l	57-97-6	
Acenaphthene	EPA 8270	0.24	2.0	ug/l	83-32-9	
Acenaphthylene	EPA 8270	0.28	2.0	ug/l	208-96-8	
Acetophenone	EPA 8270		3 10	ug/l	98-86-2	
Anthracene	EPA 8270	0.3	2.0	ug/l	120-12-7	
Benzo(a)anthracene	EPA 8270	0.38	2.0	ug/l	56-55-3	
Benzo(a)pyrene	EPA 8270	0.2	2.0	ug/l	50-32-8	
Benzo(b)fluoranthene	EPA 8270	0.31	2.0	ug/l	205-99-2	
Benzo(ghi)perylene	EPA 8270	0.22	2.0	ug/l	191-24-2	
Benzo(k)fluoranthene	EPA 8270	0.31	2.0	ug/l	207-08-9	
Benzyl Alcohol	EPA 8270	0.34	2.0	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	EPA 8270	0.27	2.0	ug/l	111-91-1	
Bis(2-chloroethyl) ether	EPA 8270	0.68	2.0	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	EPA 8270	0.3	2.0	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	EPA 8270	3	4.0	ug/l	117-81-7	
Butyl benzyl Phthalate	EPA 8270	0.47	2.0	ug/l	85-68-7	
Chlorobenzilate	EPA 8270	0.29	10	ug/l	510-15-6	
Chrysene	EPA 8270	0.63	2.0	ug/l	218-01-9	
Diallate	EPA 8270	0.42	10	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	EPA 8270	0.26	3.0	ug/l	53-70-3	
Dibenzofuran	EPA 8270	0.21	2.0	ug/l	132-64-9	
Diethyl Phthalate	EPA 8270	0.33	2.0	ug/l	84-66-2	
Dimethoale	EPA 8270	0.46	20	ug/l	60-51-5	
Dimethyl Phthalate	EPA 8270	0.39	2.0	ug/l	131-11-3	
Di-n-butyl Phthalate	EPA 8270	0.39	2.0	ug/l	84-74-2	
Di-n-octyl Phthalate	EPA 8270	0.46	2.0	ug/l	117-84-0	
Dinoseb	EPA 8270	0.61	10	ug/l	88-85-7	
Diphenylamine	EPA 8270	0.2	10	ug/l	122-39-4	
Disulfoton	EPA 8270	0.44	10	ug/l	298-04-4	
Ethyl Methanesulfonate	EPA 8270	0.26	10	ug/l	62-50-0	
Famphur	EPA 8270	8.3	20	ug/l	52-85-7	
Fluoranthene	EPA 8270	0.2	2.0	ug/l	206-44-0	
Fluorene	EPA 8270	0.28	2.0	ug/l	86-73-7	
Hexachlorobenzene	EPA 8270	0.2	2.0	ug/l	118-74-1	
Hexachlorobutadiene	EPA 8270	0.24	2.0	ug/l	87-68-3	

Groundwater Detection Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Hexachlorocyclopentadiene	EPA 8270	0.3	2.0	ug/l	77-47-4	
Hexachloroethane	EPA 8270	0.32	2.0	ug/l	67-72-1	
Hexachloropropene	EPA 8270	0.46	2.0	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	EPA 8270	0.26	2.0	ug/l	193-39-5	
Isodrin	EPA 8270	0.31	10	ug/l	465-73-6	
Isophorone	EPA 8270	0.31	2.0	ug/l	78-59-1	
Isosafrole	EPA 8270	0.76	10	ug/l	120-58-1	
Kepone	EPA 8270	1.5	20	ug/l	143-50-0	
m-Cresol	EPA 8270	0.4	5	ug/l	108-39-4	
m-Dinitrobenzene	EPA 8270	0.23	10	ug/l	99-85-0	
Methapyrilene	EPA 8270	1.5	10	ug/l	91-80-5	
Methyl Methanesulfonate	EPA 8270	0.42	10	ug/l	66-27-3	
Methyl Parathion	EPA 8270	0.32	10	ug/l	298-00-0	
Nitrobenzene	EPA 8270	0.26	2.0	ug/l	98-95-3	
N-Nitrosodimethylamine	EPA 8270	0.43	10	ug/l	55-18-5	
N-Nitrosodimethylamine	EPA 8270	0.61	2.0	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	EPA 8270	0.41	10	ug/l	924-18-3	
N-Nitrosodi-n-propylamine	EPA 8270	1.3	2.0	ug/l	621-64-7	
N-Nitrosodiphenylamine	EPA 8270	0.44	2.0	ug/l	86-30-6	
N-Nitrosomethylethylamine	EPA 8270		0.37	10	ug/l	10595-95-6
N-Nitrosopiperidine	EPA 8270	0.44	10	ug/l	100-75-4	
N-Nitrosopyrrolidine	EPA 8270	0.44	10	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	EPA 8270	0.42	10	ug/l	126-68-1	
O-Cresol	EPA 8270	1	2.0	ug/l	95-48-7	
O-Toluidine	EPA 8270		0.49	10	ug/l	95-53-4
p-(Dimethylamino) Azobenzene	EPA 8270	0.54	10	ug/l	60-11-7	
Parathion (Ethyl)	EPA 8270	0.31	10	ug/l	56-38-2	
p-Cresol	EPA 8270	0.4	5	ug/l	106-44-5	
Pentachlorobenzene	EPA 8270	0.25	10	ug/l	608-93-5	
Pentachloronitrobenzene	EPA 8270	0.3	10	ug/l	82-68-8	
Pentachlorophenol	EPA 8270	0.79	10	ug/l	87-86-5	
Phenacetin	EPA 8270	0.2	10	ug/l	62-44-2	
Phenanthrene	EPA 8270	0.2	2.0	ug/l	85-01-8	
Phenol	EPA 8270	0.2	2.0	ug/l	108-95-2	
Phorate	EPA 8270	0.34	10	ug/l	298-02-2	
p-Phenylenediamine	EPA 8270	2.2	20	ug/l	106-50-3	
Pronamide	EPA 8270	0.29	10	ug/l	23950-58-5	
Pyrene	EPA 8270	0.26	2.0	ug/l	129-00-0	
Safrole	EPA 8270	0.33	10	ug/l	94-59-7	
Thionazin	EPA 8270		0.21	10	ug/l	297-97-2
Subtotal - Semi-Volatile Organic Compounds - Detection Set Price						\$ 90.00

Miscellaneous Constituents*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Color	EPA 110.2	1	1	Color Units		\$ 12.00
Cyanide (CN)	EPA 335.4	0.0026	0.005	mg/l	57-12-5	\$ 16.00
Fluoride (F)	EPA 300.0	0.014	0.05	mg/l	16984-48-8	\$ 6.00
Foaming Agents (MBAS)	EPA 425.1	0.015	0.1	mg/l		\$ 25.00
Heterotrophic Plate Count	SM 9215	1	1	CFU/mL		\$ 18.00
Methyl-tert-butyl ether (MTBE)	EPA 8260	0.11	0.5	ug/l	1634-04-4	\$ 50.00
Nitrate (as nitrogen)	EPA 300.0	0.025	0.1	mg/l	14797-65-0	\$ 6.00
Nitrate as NO3	EPA 300.0	0.11	0.44	mg/l	14797-55-8	\$ 6.00
Odor - Thioencarb	EPA 140.1	1	1	Odor Units		\$ 15.00
Perchlorate	EPA 314.0	0.00081	0.004	mg/l	14797-73-0	\$ 20.00
Total Coliform	SM 9223B			MNP/100 mL		\$ 20.00
Total E. Coliform	SM 9223B			MNP/100 mL		\$ 20.00
Subtotal - Miscellaneous Constituents						\$ 214.00

*Some parameters may not be required for all sites, however all chain of custodies will include a parameter list.

Groundwater Constituents of Concern Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonium Nitrogen (NH4-N)	EPA 350.1	0.017	0.05	mg/l	10	\$ 22.00
Chemical Oxygen Demand (COD)	EPA 410.4	5.6	25	mg/l	1-00-4	\$ 15.00
Cyanide (CN)	EPA 335.2	0.0026	0.005	mg/l	5955-70-0	\$ 16.00
Kjeldahl Nitrogen	EPA 351.2	0.083	0.2	mg/l	15	\$ 16.00
LAB pH	EPA 150.1	0.05	0.05	units	1-00-6	\$ 6.00
Organic Nitrogen	Calculation	0.1	0.2	mg/l	8	0
Phenols	EPA 420.4	0.0063	0.05	mg/l	54-30-0	\$ 20.00
Phosphate (PO4)	EPA 365.4	0.04	0.15	mg/l	226750-80-0	\$ 13.00
Specific Conductance	EPA 120.1		1	umho/cm	1-01-1	\$ 6.00
Total Dissolved Solids	EPA 160.1	10	10	mg/l	1-01-0	\$ 7.00
Total Organic Carbon (TOC)	EPA 415.1	0.1	0.3	mg/l	1-01-2	\$ 16.00
Total Organic Halogens (TOX)	EPA 9020	0.01	0.02	mg/l	527650-80-0	\$ 70.00
Total Phosphorus (P)	EPA 365.4	0.016	0.05	mg/l	6791520-80-0	\$ 12.00
Total Sulfide	SM4500SD	0.05	0.1	mg/l	1055-70-0	\$ 10.00
Turbidity	EPA 180.1	0.1	0.1	NTU	16	\$ 5.00
Subtotal - General Chemistry - Constituents of Concern Set Price						\$ 234.00

Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Aluminum (Al)	EPA 6010	0.023	0.05	mg/l	7429-90-5	\$ 6.00
Antimony (Sb), Total	EPA 200.8	0.00011	0.002	mg/l	7440-36-0	\$ 6.00
Arsenic (As), Total	EPA 200.8	0.0007	0.002	mg/l	7440-38-2	\$ 6.00
Barium (Ba), Total	EPA 200.8	0.00021	0.001	mg/l	7440-39-3	\$ 6.00
Beryllium (Be), Total	EPA 200.8	0.00023	0.001	mg/l	7440-41-7	\$ 6.00
Boron (B)	EPA 6010	0.01	0.1	mg/l	7440-42-8	\$ 6.00
Cadmium (Cd), Total	EPA 200.8	0.00011	0.001	mg/l	7440-43-9	\$ 6.00
Chromium, hexavalent	EPA 218.8	0.000024	0.0002	mg/l	18540-29-9	\$ 15.00
Chromium, Total (Cr)	EPA 200.8	0.0005	0.003	mg/l	7440-47-3	\$ 6.00
Cobalt (Co), Total	EPA 200.8	0.0001	0.001	mg/l	7440-48-4	\$ 6.00
Copper (Cu), Total	EPA 200.8	0.00022	0.002	mg/l	7440-50-8	\$ 6.00
Iron (Fe), Total	EPA 6010	0.03	0.05	mg/l	7439-89-6	\$ 6.00
Lead (Pb), Total	EPA 200.8	0.0001	0.001	mg/l	7439-92-1	\$ 6.00
Manganese (Mn)	EPA 200.8	0.00045	0.001	mg/l	7439-96-5	\$ 6.00
Mercury (Hg), Total	EPA 245.1	0.000024	0.0002	mg/l	7439-97-6	\$ 12.00
Nickel (Ni), Total	EPA 200.8	0.00019	0.002	mg/l	7440-02-0	\$ 6.00
Selenium (Se), Total	EPA 200.8	0.00019	0.002	mg/l	7782-49-2	\$ 6.00
Silicon (Si)	EPA 6010	0.015	0.1	mg/l	7440-23-5	\$ 6.00
Silver (Ag), Total	EPA 200.8	0.0001	0.001	mg/l	7440-22-4	\$ 6.00
Strontium (Sr)	EPA 6010	0.001	0.01	mg/l	7440-24-6	\$ 6.00
Thallium (Tl), Total	EPA 200.8	0.0001	0.001	mg/l	7440-28-0	\$ 6.00
Tin (Sn), Total	EPA 200.8	0.00012	0.001	mg/l	7440-31-5	\$ 6.00
Vanadium (V), Total	EPA 200.8	0.00078	0.003	mg/l	7440-82-2	\$ 6.00
Zinc (Zn), Total	EPA 200.8	0.0017	0.005	mg/l	7440-66-8	\$ 6.00
Subtotal - Metals - Constituents of Concern Set Price						\$ 159.00

Cations						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Calcium (Ca)	EPA 6010	0.018	0.10	mg/l	7440-70-2	\$ 6.00
Magnesium (Mg)	EPA 6010	0.019	0.050	mg/l	7439-95-4	\$ 6.00
Potassium (K)	EPA 6010	0.1	1.0	mg/l	7440-09-7	\$ 6.00
Sodium (Na)	EPA 6010	0.051	0.50	mg/l	7440-23-5	\$ 6.00
Total Cations	Calculation	0.1	0.1	me/l	13	0
Total Hardness	Calculation	0.1	0.5	mg/l	35-50-0	0
Subtotal - Cations - Constituents of Concern Set Price						\$ 24.00

Groundwater Constituents of Concern Monitoring

Anions						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Bicarbonate (HCO3)	EPA 310.1	5	5	mg/l	71-52-3	0
Carbonate (CO3)	EPA 310.1	2.5	2.5	mg/l	3812-32-8	0
Chloride (Cl)	EPA 300.0	0.067	0.5	mg/l	1-00-3	\$ 6.00
Fluoride (F)	EPA 300.0	0.014	0.05	mg/l	66-30-0	\$ 6.00
Hydroxide (OH)	EPA 310.1	1.4	1.4	mg/l	4774237-70-0	0
Nitrate (NO3-N)	EPA 300.0	0.025	0.1	mg/l	25-90-0	\$ 6.00
Sulfate (SO4)	EPA 300.0	0.18	1	mg/l	3-03-5	\$ 6.00
Total Alkalinity	EPA 310.1	4.1	4.1	mg/l	11	\$ 8.00
Total Anions	EPA 300.0	0.1	0.1	me/l	12	0
Subtotal - Anions - Constituents of Concern Set Price						\$ 32.00

EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	EPA 504	0.0036	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	EPA 504	0.0013	0.01	ug/l	106-93-4	
Subtotal - EDB and DBCP - Constituents of Concern Set Price						\$ 35.00

PCBs						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
PCB-1016	EPA 8082	0.02	0.2	ug/l	12674-11-2	
PCB-1221	EPA 8082	0.089	0.2	ug/l	11104-28-2	
PCB-1232	EPA 8082	0.09	0.2	ug/l	11141-16-5	
PCB-1242	EPA 8082	0.095	0.2	ug/l	53469-21-9	
PCB-1248	EPA 8082	0.025	0.2	ug/l	12672-29-6	
PCB-1254	EPA 8082	0.042	0.2	ug/l	11097-89-1	
PCB-1260	EPA 8082	0.02	0.2	ug/l	11096-82-5	
Subtotal - PCBs - Constituents of Concern Set Price						\$ 45.00

Organochlorine Pesticides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
4,4'-DDD	EPA 8081	0.0017	0.005	ug/l	72-54-8	
4,4'-DDE	EPA 8081	0.0018	0.005	ug/l	72-55-9	
4,4'-DDT	EPA 8081	0.00076	0.005	ug/l	50-29-3	
Aldrin	EPA 8081	0.0013	0.005	ug/l	309-00-2	
alpha-BHC	EPA 8081	0.0011	0.005	ug/l	319-84-6	
beta-BHC	EPA 8081	0.0021	0.005	ug/l	319-85-7	
Chlordane	EPA 8081	0.38	0.5	ug/l	57-74-9	
delta-BHC	EPA 8081	0.0014	0.005	ug/l	319-86-8	
Dieldrin	EPA 8081	0.0012	0.005	ug/l	60-57-1	
Endosulfan sulfate	EPA 8081	0.0026	0.005	ug/l	1031-07-8	
Endosulfan-I	EPA 8081	0.0016	0.005	ug/l	959-98-8	
Endosulfan-II	EPA 8081	0.0014	0.005	ug/l	33213-65-9	
Endrin	EPA 8081	0.00082	0.005	ug/l	72-20-8	
Endrin aldehyde	EPA 8081	0.0032	0.01	ug/l	7421-93-4	
gamma-BHC	EPA 8081	0.00094	0.005	ug/l	58-89-9	
Heptachlor	EPA 8081	0.0012	0.005	ug/l	76-44-8	
Heptachlor epoxide	EPA 8081	0.00099	0.005	ug/l	1024-57-3	
Methoxychlor	EPA 8081	0.0011	0.005	ug/l	72-43-5	
Toxaphene	EPA 8081	0.42	2	ug/l	8001-35-2	
Subtotal - Organochlorine Pesticides - Constituents of Concern Set Price						\$ 50.00

Chlorinated Herbicides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,4,5-T	EPA 8151	0.012	0.09	ug/l	93-76-5	
2,4,5-TP (Silvex)	EPA 8151	0.016	0.07	ug/l	93-72-1	
2,4-D	EPA 8151	0.065	0.4	ug/l	94-75-7	
Subtotal - Chlorinated Herbicides - Constituents of Concern Set Price						\$ 60.00

Groundwater Constituents of Concern Monitoring

Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260	0.18	0.50	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260	0.11	0.50	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260	0.17	0.50	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260	0.16	0.50	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260	0.11	0.50	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260	0.18	0.50	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260	0.085	0.50	ug/l	563-58-6	
1,2,3-Trichloropropane	EPA 8260	0.24	1.0	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260	0.19	0.50	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260	0.072	0.50	ug/l	95-60-1	
1,2-Dichloroethane	EPA 8260	0.17	0.50	ug/l	107-08-2	
1,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260	0.15	0.50	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260	0.086	0.50	ug/l	142-28-9	
1,4-Dichlorobenzene	EPA 8260	0.062	0.50	ug/l	106-46-7	
2,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260	3.4	10	ug/l	591-78-6	
Acetone	EPA 8260	4.6	10	ug/l	67-84-1	
Acetonitrile	EPA 8260	5.5	10	ug/l	75-05-8	
Acrolein	EPA 8260	7.9	2	ug/l	107-02-8	
Acrylonitrile	EPA 8260	1.2	5.0	ug/l	107-13-1	
Allyl Chloride	EPA 8260	0.8	5.0	ug/l	107-05-1	
Benzene	EPA 8260	0.083	0.50	ug/l	71-43-2	
Benzyl Chloride	EPA 8260	0.6	5	ug/l	100-44-1	
Bromochloromethane	EPA 8260	0.24	0.5	ug/l	74-97-5	
Bromodichloromethane	EPA 8260	0.14	0.5	ug/l	75-27-4	
Bromoforn	EPA 8260	0.27	0.5	ug/l	75-25-2	
Bromomethane	EPA 8260	0.25	1	ug/l	74-83-9	
Carbon Disulfide	EPA 8260	0.38	1	ug/l	75-15-0	
Carbon Tetrachloride	EPA 8260	0.18	0.5	ug/l	56-23-5	
Chlorobenzene	EPA 8260	0.093	0.5	ug/l	108-90-7	
Chloroethane	EPA 8260	0.14	0.5	ug/l	75-00-3	
Chloroform	EPA 8260	0.12	0.5	ug/l	67-68-3	
Chloromethane	EPA 8260	0.14	0.5	ug/l	74-87-3	
Chloroprene	EPA 8260	0.37	5	ug/l	126-99-8	
cis-1,2-Dichloroethene	EPA 8260	0.085	0.5	ug/l	156-59-2	
cis-1,3-Dichloropropene	EPA 8260	0.14	0.5	ug/l	10061-01-5	
Dibromochloromethane	EPA 8260	0.13	0.5	ug/l	124-48-1	
Dibromomethane	EPA 8260	0.24	0.5	ug/l	74-95-3	
Dichlorodifluoromethane	EPA 8260	0.099	0.5	ug/l	75-71-8	
Diethyl Ether	EPA 8260	0.21	2	ug/l	60-29-7	
Ethyl Methacrylate	EPA 8260	0.97	4	ug/l	97-63-2	
Ethylbenzene	EPA 8260	0.098	0.5	ug/l	100-41-4	
Iodomethane	EPA 8260	0.47	2	ug/l	74-88-4	
Isobutyl Alcohol	EPA 8260	7.7	20	ug/l	78-83-1	
Methacrylonitrile	EPA 8260	1.7	10	ug/l	126-98-7	
Methyl Isobutyl ketone (MIBK)	EPA 8260	2.1	10	ug/l	108-10-1	
Methyl Methacrylate	EPA 8260	1.5	5	ug/l	80-62-8	
Methylene Chloride	EPA 8260	0.48	1	ug/l	75-09-2	
Naphthalene	EPA 8260	0.36	0.5	ug/l	91-20-3	
Propionitrile	EPA 8260	4.2	20	ug/l	107-12-0	
Styrene	EPA 8260	0.068	0.5	ug/l	100-42-5	
Tetrachloroethene	EPA 8260	0.13	0.5	ug/l	127-18-4	
Tetrahydrofuran	EPA 8260	5.2	20	ug/l	109-99-9	
Toluene	EPA 8260	0.093	0.5	ug/l	108-88-3	
Total Xylenes	EPA 8260	0.36	1	ug/l	1330-20-7	
m-Xylene	EPA 8260	0.28	0.5	ug/l	108-38-3	
o-Xylene	EPA 8260	0.082	0.5	ug/l	95-47-6	
p-Xylene	EPA 8260	0.28	0.5	ug/l	106-42-3	
trans-1,2-Dichloroethene	EPA 8260	0.15	0.5	ug/l	156-60-5	
trans-1,3-Dichloropropene	EPA 8260	0.079	0.5	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	EPA 8260	1.4	5	ug/l	110-67-6	
Trichloroethene	EPA 8260	0.085	0.5	ug/l	79-01-6	
Trichlorofluoromethane	EPA 8260	0.13	0.5	ug/l	75-69-4	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Vinyl Acetate	EPA 8260	1.6	10	ug/l	108-05-4	
Vinyl Chloride	EPA 8260	0.12	0.5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Constituents of Concern Set Price						\$ 50.00

Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	EPA 8270	0.39	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	EPA 8270	0.3	10	ug/l	99-35-4	
1,4-Naphthoquinone	EPA 8270	2.1	20	ug/l	130-15-4	
1-Naphthylamine	EPA 8270	5.3	20	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	EPA 8270	4.7	10	ug/l	58-90-2	
2,4,5-Trichlorophenol	EPA 8270		0.31	5.0	ug/l	95-95-4
2,4,6-Trichlorophenol	EPA 8270	0.6	5.0	ug/l	88-06-2	
2,4-Dichlorophenol	EPA 8270	0.43	2.0	ug/l	120-83-2	
2,4-Dimethylphenol	EPA 8270	0.2	2.0	ug/l	105-67-9	
2,4-Dinitrophenol	EPA 8270	0.2	10	ug/l	51-28-5	
2,4-Dinitrotoluene	EPA 8270	0.26	2.0	ug/l	121-14-2	
2,6-Dichlorophenol	EPA 8270	1.3	10	ug/l	87-65-0	
2,6-Dinitrotoluene	EPA 8270	0.41	2.0	ug/l	608-20-2	
2-Acetylaminofluorene	EPA 8270	0.38	10	ug/l	53-96-3	
2-Chloronaphthalene	EPA 8270	0.34	2.0	ug/l	91-58-7	
2-Chlorophenol	EPA 8270	0.37	2.0	ug/l	95-57-8	
2-Methylnaphthalene	EPA 8270	0.26	2.0	ug/l	91-57-6	
2-Naphthylamine	EPA 8270	4.8	20	ug/l	91-59-8	
2-Nitroaniline	EPA 8270	0.33	2.0	ug/l	88-74-4	
2-Nitrophenol	EPA 8270	0.26	2.0	ug/l	88-75-5	
3,3'-Dichlorobenzidine	EPA 8270		8.2	10	ug/l	91-94-1
3,3'-Dimethylbenzidine	EPA 8270	5.4	20	ug/l	119-93-7	
3-Methylcholanthrene	EPA 8270	0.58	10	ug/l	56-49-5	
3-Nitroaniline	EPA 8270	0.66	2.0	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	EPA 8270	0.34	10	ug/l	534-52-1	
4-Aminobiphenyl	EPA 8270	5.2	20	ug/l	92-67-1	
4-Bromophenyl phenyl ether	EPA 8270	0.23	2.0	ug/l	101-55-3	
4-Chloro-3-methylphenol	EPA 8270		0.4	5.0	ug/l	59-50-7
4-Chloroaniline	EPA 8270	0.69	2.0	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	EPA 8270	0.23	2.0	ug/l	7005-72-3	
4-Nitroaniline	EPA 8270	0.87	5.0	ug/l	100-01-6	
4-Nitrophenol	EPA 8270	0.73	2.0	ug/l	100-02-7	
5-Nitro-o-toluidine	EPA 8270	0.44	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	EPA 8270	0.41	10	ug/l	57-97-6	
Acenaphthene	EPA 8270	0.24	2.0	ug/l	83-32-9	
Acenaphthylene	EPA 8270	0.28	2.0	ug/l	208-96-8	
Acetophenone	EPA 8270		3	10	ug/l	98-86-2
Anthracene	EPA 8270	0.3	2.0	ug/l	120-12-7	
Benzo(a)anthracene	EPA 8270	0.38	2.0	ug/l	56-55-3	
Benzo(a)pyrene	EPA 8270	0.2	2.0	ug/l	50-32-8	
Benzo(b)fluoranthene	EPA 8270	0.31	2.0	ug/l	205-99-2	
Benzo(ghi)perylene	EPA 8270	0.22	2.0	ug/l	191-24-2	
Benzo(k)fluoranthene	EPA 8270	0.31	2.0	ug/l	207-08-9	
Benzyl Alcohol	EPA 8270	0.34	2.0	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	EPA 8270	0.27	2.0	ug/l	111-91-1	
Bis(2-chloroethyl) ether	EPA 8270	0.68	2.0	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	EPA 8270	0.3	2.0	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	EPA 8270	3	4.0	ug/l	117-81-7	
Butyl benzyl Phthalate	EPA 8270	0.47	2.0	ug/l	85-68-7	
Chlorobenzilate	EPA 8270	0.29	10	ug/l	510-15-8	
Chrysene	EPA 8270	0.63	2.0	ug/l	218-01-9	
Diallate	EPA 8270	0.42	10	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	EPA 8270	0.28	3.0	ug/l	53-70-3	
Dibenzofuran	EPA 8270	0.21	2.0	ug/l	132-64-9	
Diethyl Phthalate	EPA 8270	0.33	2.0	ug/l	84-86-2	
Dimethoate	EPA 8270	0.46	20	ug/l	60-51-5	
Dimethyl Phthalate	EPA 8270	0.39	2.0	ug/l	131-11-3	
Dl-n-butyl Phthalate	EPA 8270	0.39	2.0	ug/l	84-74-2	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Di-n-octyl Phthalate	EPA 8270	0.46	2.0	ug/l	117-84-0	
Dinoseb	EPA 8270	0.61	10	ug/l	88-85-7	
Diphenylamine	EPA 8270	0.2	10	ug/l	122-39-4	
Disulfoton	EPA 8270	0.44	10	ug/l	298-04-4	
Ethyl Methanesulfonate	EPA 8270	0.26	10	ug/l	62-50-0	
Famphur	EPA 8270	8.3	20	ug/l	52-85-7	
Fluoranthene	EPA 8270	0.2	2.0	ug/l	206-44-0	
Fluorene	EPA 8270	0.28	2.0	ug/l	86-73-7	
Hexachlorobenzene	EPA 8270	0.2	2.0	ug/l	118-74-1	
Hexachlorobutadiene	EPA 8270	0.24	2.0	ug/l	87-68-3	
Hexachlorocyclopentadiene	EPA 8270	0.3	2.0	ug/l	77-47-4	
Hexachloroethane	EPA 8270	0.32	2.0	ug/l	67-72-1	
Hexachloropropene	EPA 8270	0.46	2.0	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	EPA 8270	0.26	2.0	ug/l	193-39-5	
Isodrin	EPA 8270	0.31	10	ug/l	465-73-6	
Isophorone	EPA 8270	0.31	2.0	ug/l	78-59-1	
Isosafrole	EPA 8270	0.76	10	ug/l	120-58-1	
Kepone	EPA 8270	1.5	20	ug/l	143-80-0	
m-Cresol	EPA 8270	0.4	5	ug/l	108-39-4	
m-Dinitrobenzene	EPA 8270	0.23	10	ug/l	89-65-0	
Methapyrene	EPA 8270	1.5	10	ug/l	91-80-5	
Methyl Methanesulfonate	EPA 8270	0.42	10	ug/l	65-27-3	
Methyl Parathion	EPA 8270	0.32	10	ug/l	298-00-0	
Nitrobenzene	EPA 8270	0.26	2.0	ug/l	98-95-3	
N-Nitrosodiethylamine	EPA 8270	0.43	10	ug/l	55-18-5	
N-Nitrosodimethylamine	EPA 8270	0.61	2.0	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	EPA 8270	0.41	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	EPA 8270	1.3	2.0	ug/l	821-64-7	
N-Nitrosodiphenylamine	EPA 8270	0.44	2.0	ug/l	86-30-6	
N-Nitrosomethylmethylaniline	EPA 8270		0.37	10	10595-95-6	
N-Nitrosopiperidine	EPA 8270	0.44	10	ug/l	100-75-4	
N-Nitrosopyrrolidine	EPA 8270	0.44	10	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	EPA 8270	0.42	10	ug/l	126-68-1	
O-Cresol	EPA 8270	1	2.0	ug/l	95-48-7	
O-Toluidine	EPA 8270		0.49	10	95-53-4	
p-(Dimethylamino) Azobenzene	EPA 8270	0.54	10	ug/l	60-11-7	
Parathion (Ethyl)	EPA 8270	0.31	10	ug/l	56-38-2	
p-Cresol	EPA 8270	0.4	5	ug/l	108-44-5	
Pentachlorobenzene	EPA 8270	0.25	10	ug/l	608-93-5	
Pentachloronitrobenzene	EPA 8270	0.3	10	ug/l	82-88-8	
Pentachlorophenol	EPA 8270	0.79	10	ug/l	87-86-5	
Phenacetyl	EPA 8270	0.2	10	ug/l	62-44-2	
Phenanthrene	EPA 8270	0.2	2.0	ug/l	85-01-8	
Phenol	EPA 8270	0.2	2.0	ug/l	108-95-2	
Phorate	EPA 8270	0.34	10	ug/l	298-02-2	
p-Phenylenediamine	EPA 8270	2.2	20	ug/l	108-50-3	
Pronamide	EPA 8270	0.29	10	ug/l	23950-58-5	
Pyrene	EPA 8270	0.28	2.0	ug/l	129-00-0	
Safrole	EPA 8270	0.33	10	ug/l	94-59-7	
Thionazin	EPA 8270	0.21	10	ug/l	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Constituents of Concern Set Price						\$ 90.00
Total Groundwater Constituents of Concern Set Price						\$ 779.00

Stormwater Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonia (as N)	EPA 350.1	0.017	0.05	mg/l	7664-41-7	\$ 22.00
BOD (Biochemical Oxygen Demand)	SM5210	1	1	mg/l	23	\$ 20.00
LAB pH	EPA 150.1	0.05	0.05	units	1-00-6	\$ 7.00
Oil & Grease	EPA 1664	0.81	5	mg/l	ENV-630-310	\$ 35.00
Specific Conductance	EPA 120.1	1	1	umho/c	1-01-1	\$ 6.00
Total Suspended Solids (TSS)	EPA 160.2	0.5	0.5	mg/l	ENV-710-009	\$ 7.00
Subtotal - General Chemistry - Stormwater Price						\$ 97.00
Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Arsenic (As), Total	EPA 200.8	0.0007	0.002	mg/l	7440-38-2	\$ 6.00
Barium (Ba), Total	EPA 200.8	0.00021	0.001	mg/l	7440-39-3	\$ 6.00
Beryllium (Be), Total	EPA 200.8	0.00023	0.001	mg/l	7440-41-7	\$ 6.00
Cadmium (Cd), Total	EPA 200.8	0.00011	0.001	mg/l	7440-43-9	\$ 6.00
Chromium, (Cr) Total	EPA 200.8	0.0005	0.003	mg/l	7440-47-3	\$ 6.00
Cobalt (Co), Total	EPA 200.8	0.0001	0.001	mg/l	7440-48-4	\$ 6.00
Copper (Cu), Total	EPA 200.8	0.00022	0.002	mg/l	7440-50-8	\$ 6.00
Iron (Fe)	EPA 6010	0.03	0.05	mg/l	7439-89-6	\$ 6.00
Lead (Pb), Total	EPA 200.8	0.0001	0.001	mg/l	7439-92-1	\$ 6.00
Manganese (Mn)	EPA 200.8	0.00045	0.001	mg/l	7439-98-5	\$ 6.00
Mercury (Hg), Total	EPA 245.1	0.000024	0.0002	mg/l	7439-97-6	\$ 12.00
Molybdenum (Mo)	EPA 200.8	0.00011	0.001	mg/l	7439-98-7	\$ 6.00
Nickel (Ni), Total	EPA 200.8	0.00019	0.002	mg/l	7440-02-0	\$ 6.00
Selenium (Se), Total	EPA 200.8	0.00019	0.002	mg/l	7782-49-2	\$ 6.00
Silver (Ag), Total	EPA 200.8	0.0001	0.001	mg/l	7440-22-4	\$ 6.00
Thallium (Tl), Total	EPA 200.8	0.0001	0.001	mg/l	7440-28-0	\$ 6.00
Vanadium (V), Total	EPA 200.8	0.00078	0.003	mg/l	7440-62-2	\$ 6.00
Zinc, Total (Zn)	EPA 200.8	0.0017	0.005	mg/l	7440-66-6	\$ 6.00
Subtotal - Metals - Stormwater Price						\$ 114.00
Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260	0.18	0.50	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260	0.11	0.50	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260	0.17	0.50	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260	0.16	0.50	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260	0.11	0.50	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260	0.18	0.50	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260	0.085	0.50	ug/l	563-58-6	
1,2,3-Trichloropropene	EPA 8260	0.24	1.0	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260	0.19	0.50	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260	0.072	0.50	ug/l	95-50-1	
1,2-Dichloroethane	EPA 8260	0.17	0.50	ug/l	107-06-2	
1,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260	0.15	0.50	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260	0.086	0.50	ug/l	142-28-9	
1,4-Dichlorobenzene	EPA 8260	0.062	0.50	ug/l	106-46-7	
2,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260	3.4	10	ug/l	591-78-6	
Acetone	EPA 8260	4.6	10	ug/l	67-64-1	
Acetonitrile	EPA 8260	5.5	10	ug/l	75-05-8	
Acrolein	EPA 8260	7.9	2	ug/l	107-02-8	
Acrylonitrile	EPA 8260	1.2	5.0	ug/l	107-13-1	
Allyl Chloride	EPA 8260	0.8	5.0	ug/l	107-05-1	
Benzene	EPA 8260	0.083	0.50	ug/l	71-43-2	

Stormwater Monitoring

Benzyl Chloride	EPA 8260	0.6	5	ug/l	100-44-77
Bromochloromethane	EPA 8260	0.24	0.50	ug/l	74-97-5
Bromodichloromethane	EPA 8260	0.14	0.50	ug/l	75-27-4
Bromoform	EPA 8260	0.27	0.50	ug/l	75-25-2
Bromomethane	EPA 8260	0.25	1.0	ug/l	74-83-9
Carbon Disulfide	EPA 8260	0.38	1.0	ug/l	75-15-0
Carbon Tetrachloride	EPA 8260	0.18	0.50	ug/l	56-23-5
Chlorobenzene	EPA 8260	0.093	0.50	ug/l	108-90-7
Chloroethane	EPA 8260	0.14	0.50	ug/l	75-00-3
Chloroform	EPA 8260	0.12	0.50	ug/l	67-66-3
Chloromethane	EPA 8260	0.14	0.50	ug/l	74-87-3
Chloroprene	EPA 8260	0.37	5.0	ug/l	126-99-8
cis-1,2-Dichloroethene	EPA 8260	0.085	0.50	ug/l	156-59-2
cis-1,3-Dichloropropene	EPA 8260	0.14	0.50	ug/l	10081-01-5
Dibromochloromethane	EPA 8260	0.13	0.50	ug/l	124-48-1
Dibromomethane	EPA 8260	0.24	0.50	ug/l	74-95-3
Dichlorodifluoromethane	EPA 8260	0.099	0.50	ug/l	75-71-8
Ethyl Methacrylate	EPA 8260	0.97	4.0	ug/l	87-63-2
Ethylbenzene	EPA 8260	0.098	0.50	ug/l	100-41-4
Iodomethane	EPA 8260	0.47	2.0	ug/l	74-88-4
Isobutyl Alcohol	EPA 8260	7.7	20	ug/l	78-83-1
Methacrylonitrile	EPA 8260	1.7	10	ug/l	126-98-7
Methyl isobutyl ketone (MIBK)	EPA 8260	2.1	10	ug/l	108-10-1
Methyl Methacrylate	EPA 8260	1.5	5.0	ug/l	80-62-6
Methylene Chloride	EPA 8260	0.48	1.0	ug/l	75-09-2
Naphthalene	EPA 8260	0.36	0.50	ug/l	91-20-3
Propionitrile	EPA 8260	4.2	20	ug/l	107-12-0
Styrene	EPA 8260	0.068	0.50	ug/l	100-42-5
Toluene	EPA 8260	0.093	0.50	ug/l	108-88-3
Total Xylenes	EPA 8260	0.36	1.0	ug/l	1330-20-7
m-Xylene	EPA 8260	0.28	0.50	ug/l	108-38-3
o-Xylene	EPA 8260	0.082	0.50	ug/l	95-47-6
p-Xylene	EPA 8260	0.28	0.50	ug/l	106-42-3
trans-1,2-Dichloroethene	EPA 8260	0.16	0.50	ug/l	158-60-5
trans-1,3-Dichloropropene	EPA 8260	0.079	0.50	ug/l	10061-02-6
trans-1,4-Dichloro-2-butene	EPA 8260	1.4	5.0	ug/l	110-57-6
Trichloroethene	EPA 8260	0.085	0.50	ug/l	79-01-6
Trichlorofluoromethane	EPA 8260	0.13	0.50	ug/l	75-69-4
Vinyl Acetate	EPA 8260	1.8	10	ug/l	108-05-4
Vinyl Chloride	EPA 8260	0.12	0.50	ug/l	75-01-4
Subtotal - Volatile Organic Compounds - Stormwater Price					\$ 50.00

Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Alpha Terpineol	EPA 8270	0.47	2	ug/l	98-55-5	
Benzolic Acid	EPA 8270	5.8	10	ug/l	65-85-0	
m-Cresol	EPA 8270	0.4	5	ug/l	108-39-4	
p-Cresol	EPA 8270	0.4	5	ug/l	106-44-5	
Phenol	EPA 8270	0.2	2.0	ug/l	108-95-2	
Subtotal - Semi-Volatile Organic Compounds - Stormwater Price						\$ 80.00

Leachate and Gas Condensate Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Chemical Oxygen Demand (COD)	EPA 410.4	5.6	25	mg/l	1-00-4	\$ 15.00
Cyanide (CN)	EPA 335.4	0.0026	0.005	mg/l	5955-70-0	\$ 16.00
LAB pH	EPA 150.1	0.05	0.05	units	1-00-6	\$ 6.00
Phenols	EPA 420.4	0.0063	0.05	mg/l	54-30-0	\$ 20.00
Phosphate (PO4)	EPA 365.4	0.04	0.15	mg/l	226750-80-0	\$ 13.00
Specific Conductance	EPA 120.1		1	umho/c		
			1	m	1-01-1	\$ 6.00
Total Dissolved Solids	EPA 160.1		10	mg/l	1-01-0	\$ 7.00
Total Organic Carbon (TOC)	EPA 415.1	0.1	0.3	mg/l	1-01-2	\$ 16.00
Total Organic Halogens (TOX)	EPA 9020	0.01	0.02	mg/l	527650-80-0	\$ 70.00
Total Phosphorus (P)	EPA 365.4	0.016	0.05	mg/l	6791520-80-0	\$ 12.00
Total Sulfide	SM4500SD	0.05	0.1	mg/l	1055-70-0	\$ 10.00
Subtotal - General Chemistry - Leachate & Gas Condensate Price						\$ 191.00
Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Antimony (Sb), Total	EPA 200.8	0.00011	0.002	mg/l	7440-36-0	\$ 6.00
Arsenic (As), Total	EPA 200.8	0.0007	0.002	mg/l	7440-38-2	\$ 6.00
Barium (Ba), Total	EPA 200.8	0.00021	0.001	mg/l	7440-39-3	\$ 6.00
Beryllium (Be), Total	EPA 200.8	0.00023	0.001	mg/l	7440-41-7	\$ 6.00
Boron (B)	EPA 6010	0.01	0.1	mg/l	7440-42-8	\$ 6.00
Cadmium (Cd), Total	EPA 200.8	0.00011	0.001	mg/l	7440-43-9	\$ 6.00
Chromium, hexavalent	EPA 218.6	0.000024	0.0002	mg/l	18540-29-9	\$ 15.00
Chromium, Total (Cr)	EPA 200.8	0.0005	0.003	mg/l	7440-47-3	\$ 6.00
Cobalt (Co), Total	EPA 200.8	0.0001	0.001	mg/l	7440-48-4	\$ 6.00
Copper (Cu), Total	EPA 200.8	0.00022	0.002	mg/l	7440-50-8	\$ 6.00
Iron (Fe)	EPA 6010	0.03	0.05	mg/l	7439-89-8	\$ 6.00
Lead (Pb), Total	EPA 200.8	0.0001	0.001	mg/l	7439-92-1	\$ 6.00
Manganese (Mn)	EPA 200.8	0.00045	0.001	mg/l	7439-96-5	\$ 6.00
Mercury (Hg), Total	EPA 245.1	0.000024	0.0002	mg/l	7439-97-6	\$ 12.00
Nickel (Ni)	EPA 200.8	0.00019	0.002	mg/l	7440-02-0	\$ 6.00
Selenium (Se), Total	EPA 200.8	0.00019	0.002	mg/l	7782-49-2	\$ 6.00
Silver (Ag), Total	EPA 200.8	0.0001	0.001	mg/l	7440-22-4	\$ 6.00
Thallium (Tl), Total	EPA 200.8	0.0001	0.001	mg/l	7440-28-0	\$ 6.00
Tin (Sn), Total	EPA 200.8	0.00012	0.001	mg/l	7440-31-5	\$ 6.00
Vanadium (V), Total	EPA 200.8	0.00078	0.003	mg/l	7440-62-2	\$ 6.00
Zinc, Total (Zn)	EPA 200.8	0.0017	0.005	mg/l	7440-68-6	\$ 6.00
Subtotal - Metals - Leachate & Gas Condensate Price						\$ 141.00
Cations						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Calcium (Ca)	EPA 200.7	0.016	0.10	mg/l	7440-70-2	\$ 6.00
Magnesium (Mg)	EPA 200.7	0.019	0.050	mg/l	7439-95-4	\$ 6.00
Potassium (K)	EPA 200.7	0.1	1.0	mg/l	7440-09-7	\$ 6.00
Sodium (Na)	EPA 200.7	0.051	0.60	mg/l	7440-23-5	\$ 6.00
Total Cations	Calculation	0.1	0.1	me/l	13	0
Total Hardness	Calculation	0.1	0.5	mg/l	35-50-0	0
Subtotal - Cations - Leachate & Gas Condensate Price						\$ 24.00

Leachate and Gas Condensate Monitoring

Anions						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Bicarbonate (HCO3)	EPA 310.1	5	5	mg/l	71-52-3	0
Carbonate (CO3)	EPA 310.1	2.5	2.5	mg/l	3812-32-8	0
Chloride (Cl)	EPA 300.0	0.067	0.5	mg/l	1-00-3	\$ 6.00
Fluoride (F)	EPA 300.0	0.014	0.05	mg/l	66-30-0	\$ 6.00
Hydroxide (OH)	EPA 310.1	1.4	1.4	mg/l	4774237-70-0	0
Nitrate (NO3-N)	EPA 300.0	0.025	0.1	mg/l	25-90-0	\$ 6.00
Sulfate (SO4)	EPA 300.0	0.18	1	mg/l	3-03-5	\$ 6.00
Total Alkalinity	EPA 310.1	4.1	4.1	mg/l	11	\$ 8.00
Total Anions	EPA 300.0	0.1	0.1	me/l	12	0
Subtotal - Anions - Leachate & Gas Condensate Price						\$ 32.00
EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	EPA 504	0.0036	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	EPA 504	0.0013	0.01	ug/l	106-93-4	
Subtotal - EDB and DBCP - Leachate & Gas Condensate Price						\$ 35.00
PCBs						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
PCB-1016	EPA 8082	0.02	0.2	ug/l	12674-11-2	
PCB-1221	EPA 8082	0.089	0.2	ug/l	11104-28-2	
PCB-1232	EPA 8082	0.09	0.2	ug/l	11141-16-5	
PCB-1242	EPA 8082	0.095	0.2	ug/l	53469-21-9	
PCB-1248	EPA 8082	0.025	0.2	ug/l	12672-29-6	
PCB-1254	EPA 8082	0.042	0.2	ug/l	11097-69-1	
PCB-1280	EPA 8082	0.02	0.2	ug/l	11096-82-5	
Subtotal - PCBs - Leachate & Gas Condensate Price						\$ 45.00
Organochlorine Pesticides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
4,4'-DDD	EPA 8081	0.0017	0.005	ug/l	72-54-8	
4,4'-DDE	EPA 8081	0.0019	0.005	ug/l	72-55-9	
4,4'-DDT	EPA 8081	0.00076	0.005	ug/l	50-28-3	
Aldrin	EPA 8081	0.0013	0.005	ug/l	309-00-2	
alpha-BHC	EPA 8081	0.0011	0.005	ug/l	319-84-6	
beta-BHC	EPA 8081	0.0021	0.005	ug/l	319-85-7	
Chlordane	EPA 8081	0.38	0.5	ug/l	57-74-9	
delta-BHC	EPA 8081	0.0014	0.005	ug/l	319-86-8	
Dieldrin	EPA 8081	0.0012	0.005	ug/l	60-57-1	
Endosulfan sulfate	EPA 8081	0.0026	0.005	ug/l	1031-07-8	
Endosulfan-I	EPA 8081	0.0016	0.005	ug/l	959-98-8	
Endosulfan-II	EPA 8081	0.0014	0.005	ug/l	33213-65-9	
Endrin	EPA 8081	0.00082	0.005	ug/l	72-20-8	
Endrin aldehyde	EPA 8081	0.0032	0.01	ug/l	7421-93-4	
gamma-BHC	EPA 8081	0.00094	0.005	ug/l	58-89-9	
Heptachlor	EPA 8081	0.0012	0.005	ug/l	76-44-8	
Heptachlor epoxide	EPA 8081	0.00099	0.005	ug/l	1024-57-3	
Methoxychlor	EPA 8081	0.0011	0.005	ug/l	72-43-5	
Toxaphene	EPA 8081	0.42	2	ug/l	8001-35-2	
Subtotal - Organochlorine Pesticides - Leachate & Gas Condensate Price						\$ 50.00
Chlorinated Herbicides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,4,5-T	EPA 8151	0.012	0.09	ug/l	93-76-5	
2,4,5-TP (Silvex)	EPA 8151	0.016	0.07	ug/l	93-72-1	
2,4-D	EPA 8151	0.065	0.4	ug/l	94-75-7	
Subtotal - Chlorinated Herbicides - Leachate & Gas Condensate Price						\$ 60.00

Leachate and Gas Condensate Monitoring

Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260	0.18	0.50	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260	0.11	0.50	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260	0.17	0.60	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260	0.16	0.50	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260	0.11	0.50	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260	0.18	0.50	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260	0.085	0.50	ug/l	563-58-6	
1,2,3-Trichloropropane	EPA 8260	0.24	1.0	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260	0.19	0.50	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260	0.072	0.50	ug/l	95-50-1	
1,2-Dichloroethane	EPA 8260	0.17	0.50	ug/l	107-06-2	
1,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260	0.15	0.50	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260	0.086	0.50	ug/l	142-28-9	
1,4-Dichlorobenzene	EPA 8260	0.062	0.50	ug/l	106-46-7	
2,2-Dichloropropane	EPA 8260	0.13	0.50	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260	3.4	10	ug/l	591-78-6	
Acetone	EPA 8260	4.6	10	ug/l	67-64-1	
Acetonitrile	EPA 8260	5.5	10	ug/l	75-05-8	
Acrolein	EPA 8260	7.9	2	ug/l	107-02-8	
Acrylonitrile	EPA 8260	1.2	5.0	ug/l	107-13-1	
Allyl Chloride	EPA 8260	0.8	5.0	ug/l	107-05-1	
Benzene	EPA 8260	0.083	0.50	ug/l	71-43-2	
Bromochloromethane	EPA 8260	0.24	0.50	ug/l	74-97-5	
Bromodichloromethane	EPA 8260	0.14	0.50	ug/l	75-27-4	
Bromoform	EPA 8260	0.27	0.50	ug/l	75-25-2	
Bromomethane	EPA 8260	0.25	1.0	ug/l	74-83-9	
Carbon Disulfide	EPA 8260	0.38	1.0	ug/l	75-15-0	
Carbon Tetrachloride	EPA 8260	0.18	0.50	ug/l	58-23-5	
Chlorobenzene	EPA 8260	0.093	0.50	ug/l	108-90-7	
Chloroethane	EPA 8260	0.14	0.50	ug/l	75-00-3	
Chloroform	EPA 8260	0.12	0.50	ug/l	67-66-3	
Chloromethane	EPA 8260	0.14	0.50	ug/l	74-87-3	
Chloroprene	EPA 8260	0.37	5.0	ug/l	126-99-8	
cis-1,2-Dichloroethene	EPA 8260	0.085	0.50	ug/l	156-58-2	
cis-1,3-Dichloropropene	EPA 8260	0.14	0.50	ug/l	10061-01-5	
Dibromochloromethane	EPA 8260	0.13	0.50	ug/l	124-48-1	
Dibromomethane	EPA 8260	0.24	0.50	ug/l	74-95-3	
Dichlorodifluoromethane	EPA 8260	0.099	0.50	ug/l	75-71-8	
Ethyl Methacrylate	EPA 8260	0.97	4.0	ug/l	97-63-2	
Ethylbenzene	EPA 8260	0.088	0.50	ug/l	100-41-4	
Iodomethane	EPA 8260	0.47	2.0	ug/l	74-88-4	
Isobutyl Alcohol	EPA 8260	7.7	20	ug/l	78-83-1	
Methacrylonitrile	EPA 8260	1.7	10	ug/l	126-98-7	
Methyl Isobutyl ketone (MIBK)	EPA 8260	2.1	10	ug/l	108-10-1	
Methyl Methacrylate	EPA 8260	1.5	5.0	ug/l	80-62-6	
Methylene Chloride	EPA 8260	0.48	1.0	ug/l	75-09-2	
Naphthalene	EPA 8260	0.36	0.50	ug/l	91-20-3	
Propionitrile	EPA 8260	4.2	20	ug/l	107-12-0	
Styrene	EPA 8260	0.088	0.50	ug/l	100-42-5	
Tetrachloroethene	EPA 8260	0.13	0.50	ug/l	127-18-4	
Toluene	EPA 8260	0.093	0.50	ug/l	108-88-3	
Total Xylenes	EPA 8260	0.36	1.0	ug/l	1330-20-7	
m-Xylene	EPA 8260	0.28	0.50	ug/l	108-38-3	
o-Xylene	EPA 8260	0.082	0.50	ug/l	95-47-6	
p-Xylene	EPA 8260	0.28	0.50	ug/l	106-42-3	
trans-1,2-Dichloroethene	EPA 8260	0.15	0.50	ug/l	156-60-5	
trans-1,3-Dichloropropene	EPA 8260	0.079	0.50	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	EPA 8260	1.4	5.0	ug/l	110-57-6	
Trichloroethene	EPA 8260	0.085	0.50	ug/l	79-01-6	

Leachate and Gas Condensate Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Trichlorofluoromethane	EPA 8260	0.13	0.50	ug/l	75-69-4	
Vinyl Acetate	EPA 8260	1.8	10	ug/l	108-05-4	
Vinyl Chloride	EPA 8260	0.12	0.50	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Leachate & Gas Condensate Price						\$ 50.00
Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	EPA 8270	0.39	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	EPA 8270	0.3	10	ug/l	99-35-4	
1,4-Naphthoquinone	EPA 8270	2.1	20	ug/l	130-15-4	
1-Naphthylamine	EPA 8270	5.3	20	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	EPA 8270	4.7	10	ug/l	58-90-2	
2,4,5-Trichlorophenol	EPA 8270	0.31	5.0	ug/l	95-95-4	
2,4,6-Trichlorophenol	EPA 8270	0.6	5.0	ug/l	88-06-2	
2,4-Dichlorophenol	EPA 8270	0.43	2.0	ug/l	120-83-2	
2,4-Dimethylphenol	EPA 8270	0.2	2.0	ug/l	105-67-9	
2,4-Dinitrophenol	EPA 8270	0.2	10	ug/l	51-28-5	
2,4-Dinitrotoluene	EPA 8270	0.28	2.0	ug/l	121-14-2	
2,6-Dichlorophenol	EPA 8270	1.3	10	ug/l	87-85-0	
2,6-Dinitrotoluene	EPA 8270	0.41	2.0	ug/l	606-20-2	
2-Acetylaminofluorene	EPA 8270	0.38	10	ug/l	53-86-3	
2-Chloronaphthalene	EPA 8270	0.34	2.0	ug/l	91-58-7	
2-Chlorophenol	EPA 8270	0.37	2.0	ug/l	95-57-8	
2-Methylnaphthalene	EPA 8270	0.28	2.0	ug/l	91-57-6	
2-Naphthylamine	EPA 8270	4.8	20	ug/l	91-59-8	
2-Nitroaniline	EPA 8270	0.33	2.0	ug/l	88-74-4	
2-Nitrophenol	EPA 8270	0.28	2.0	ug/l	88-75-5	
3,3'-Dichlorobenzidine	EPA 8270	8.2	10	ug/l	91-94-1	
3,3'-Dimethylbenzidine	EPA 8270	5.4	20	ug/l	119-93-7	
3-Methylcholanthrene	EPA 8270	0.56	10	ug/l	56-49-5	
3-Nitroaniline	EPA 8270	0.86	2.0	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	EPA 8270	0.34	10	ug/l	534-52-1	
4-Aminobiphenyl	EPA 8270	5.2	20	ug/l	92-67-1	
4-Bromophenyl phenyl ether	EPA 8270	0.23	2.0	ug/l	101-55-3	
4-Chloro-3-methylphenol	EPA 8270	0.4	5.0	ug/l	59-50-7	
4-Chloroaniline	EPA 8270	0.69	2.0	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	EPA 8270	0.23	2.0	ug/l	7005-72-3	
4-Nitroaniline	EPA 8270	0.87	5.0	ug/l	100-01-6	
4-Nitrophenol	EPA 8270	0.73	2.0	ug/l	100-02-7	
5-Nitro-o-toluidine	EPA 8270	0.44	10	ug/l	98-55-8	
7,12-Dimethylbenz(a)anthracene	EPA 8270	0.41	10	ug/l	57-97-6	
Acenaphthene	EPA 8270	0.24	2.0	ug/l	83-32-9	
Acenaphthylene	EPA 8270	0.28	2.0	ug/l	208-96-8	
Acetophenone	EPA 8270	3	10	ug/l	98-86-2	
Anthracene	EPA 8270	0.3	2.0	ug/l	120-12-7	
Benzo(a)anthracene	EPA 8270	0.38	2.0	ug/l	56-55-3	
Benzo(a)pyrene	EPA 8270	0.2	2.0	ug/l	50-32-8	
Benzo(b)fluoranthene	EPA 8270	0.31	2.0	ug/l	205-99-2	
Benzo(ghi)perylene	EPA 8270	0.22	2.0	ug/l	191-24-2	
Benzo(k)fluoranthene	EPA 8270	0.31	2.0	ug/l	207-08-9	
Benzyl Alcohol	EPA 8270	0.34	2.0	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	EPA 8270	0.27	2.0	ug/l	111-91-1	
Bis(2-chloroethyl) ether	EPA 8270	0.68	2.0	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	EPA 8270	0.3	2.0	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	EPA 8270	3	4.0	ug/l	117-81-7	
Butyl benzyl Phthalate	EPA 8270	0.47	2.0	ug/l	85-68-7	
Chlorobenzilate	EPA 8270	0.29	10	ug/l	510-15-6	
Chrysene	EPA 8270	0.63	2.0	ug/l	218-01-9	
Diallate	EPA 8270	0.42	10	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	EPA 8270	0.26	3.0	ug/l	53-70-3	
Dibenzofuran	EPA 8270	0.21	2.0	ug/l	132-64-9	
Diethyl Phthalate	EPA 8270	0.33	2.0	ug/l	84-66-2	

Leachate and Gas Condensate Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dimethoate	EPA 8270	0.46	20	ug/l	60-51-5	
Dimethyl Phthalate	EPA 8270	0.39	2.0	ug/l	131-11-3	
Di-n-butyl Phthalate	EPA 8270	0.39	2.0	ug/l	84-74-2	
Di-n-octyl Phthalate	EPA 8270	0.46	2.0	ug/l	117-84-0	
Dinoseb	EPA 8270	0.61	10	ug/l	88-85-7	
Diphenylamine	EPA 8270	0.2	10	ug/l	122-39-4	
Disulfoton	EPA 8270	0.44	10	ug/l	298-04-4	
Ethyl Methanesulfonate	EPA 8270	0.26	10	ug/l	62-50-0	
Famphur	EPA 8270	8.3	20	ug/l	52-85-7	
Fluoranthene	EPA 8270	0.2	2.0	ug/l	206-44-0	
Fluorene	EPA 8270	0.28	2.0	ug/l	86-73-7	
Hexachlorobenzene	EPA 8270	0.2	2.0	ug/l	118-74-1	
Hexachlorobutadiene	EPA 8270	0.24	2.0	ug/l	87-68-3	
Hexachlorocyclopentadiene	EPA 8270	0.3	2.0	ug/l	77-47-4	
Hexachloroethane	EPA 8270	0.32	2.0	ug/l	67-72-1	
Hexachloropropene	EPA 8270	0.46	2.0	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	EPA 8270	0.26	2.0	ug/l	193-39-5	
Isodrin	EPA 8270	0.31	10	ug/l	465-73-6	
Isophorone	EPA 8270	0.31	2.0	ug/l	78-59-1	
Isosafrole	EPA 8270	0.76	10	ug/l	120-58-1	
Kepone	EPA 8270	1.5	20	ug/l	143-50-0	
m-Cresol	EPA 8270	0.4	5	ug/l	108-39-4	
m-Dinitrobenzene	EPA 8270	0.23	10	ug/l	99-65-0	
Methapyriene	EPA 8270	1.5	10	ug/l	91-80-5	
Methyl Methanesulfonate	EPA 8270	0.42	10	ug/l	66-27-3	
Methyl Parathion	EPA 8270	0.32	10	ug/l	298-00-0	
Nitrobenzene	EPA 8270	0.28	2.0	ug/l	98-95-3	
N-Nitrosodiethylamine	EPA 8270	0.43	10	ug/l	55-18-5	
N-Nitrosodimethylamine	EPA 8270	0.61	2.0	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	EPA 8270	0.41	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	EPA 8270	1.3	2.0	ug/l	621-64-7	
N-Nitrosodiphenylamine	EPA 8270	0.44	2.0	ug/l	66-30-8	
N-Nitrosomethylethylamine	EPA 8270		0.37	10	10595-95-6	
N-Nitrosopiperidine	EPA 8270	0.44	10	ug/l	100-75-4	
N-Nitrosopyrrolidine	EPA 8270	0.44	10	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	EPA 8270	0.42	10	ug/l	126-68-1	
O-Cresol	EPA 8270	1	2.0	ug/l	95-48-7	
O-Toluidine	EPA 8270		0.49	10	95-53-4	
p-(Dimethylamino) Azobenzene	EPA 8270	0.54	10	ug/l	60-11-7	
Parathion (Ethyl)	EPA 8270	0.31	10	ug/l	56-38-2	
p-Cresol	EPA 8270	0.4	5	ug/l	106-44-5	
Pentachlorobenzene	EPA 8270	0.25	10	ug/l	608-93-5	
Pentachloronitrobenzene	EPA 8270	0.3	10	ug/l	82-68-8	
Pentachlorophenol	EPA 8270	0.79	10	ug/l	87-86-5	
Phenacetin	EPA 8270	0.2	10	ug/l	62-44-2	
Phenanthrene	EPA 8270	0.2	2.0	ug/l	85-01-8	
Phenol	EPA 8270	0.2	2.0	ug/l	108-95-2	
Phorate	EPA 8270	0.34	10	ug/l	298-02-2	
p-Phenylenediamine	EPA 8270	2.2	20	ug/l	106-50-3	
Pronamide	EPA 8270	0.29	10	ug/l	23950-58-5	
Pyrene	EPA 8270	0.26	2.0	ug/l	129-00-0	
Safrole	EPA 8270	0.33	10	ug/l	94-59-7	
Thionazin	EPA 8270		0.21	10	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Leachate & Gas Condensate Price						\$ 90.00
Total Leachate and Gas Condensate Monitoring Price						\$ 718.00

Soil Monitoring

Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Antimony	EPA 6010	0.33	5.0	mg/kg	7440-36-0	
Arsenic	EPA 6010	0.4	1.0	mg/kg	7440-38-2	
Barium	EPA 6010	0.18	0.50	mg/kg	7440-39-3	
Beryllium	EPA 6010	0.047	0.50	mg/kg	7440-41-7	
Cadmium	EPA 6010	0.052	0.50	mg/kg	7440-43-9	
Chromium	EPA 6010	0.05	0.50	mg/kg	7440-47-3	
Cobalt	EPA 6010	0.098	2.5	mg/kg	7440-48-4	
Copper	EPA 6010	0.05	1.0	mg/kg	7440-50-8	
Lead	EPA 6010	0.28	2.5	mg/kg	7439-92-1	
Mercury	EPA 7471	0.025	0.18	mg/kg	7439-97-6	
Molybdenum	EPA 6010	0.05	2.5	mg/kg	7439-98-7	
Nickel	EPA 6010	0.15	0.50	mg/kg	7440-02-0	
Selenium	EPA 6010	0.98	1.0	mg/kg	7782-49-2	
Silver	EPA 6010	0.067	0.50	mg/kg	7440-22-4	
Thallium	EPA 6010	0.84	5.0	mg/kg	7440-28-0	
Vanadium	EPA 6010	0.11	0.50	mg/kg	7440-62-2	
Zinc	EPA 6010	0.087	2.5	mg/kg	7440-66-6	
Subtotal - Metals - Soil Price						\$ 65.00
Waste Extraction Test (WET) Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Antimony	EPA 6010	0.17	1.0	mg/l	7440-36-0	\$ 6.00
Arsenic	EPA 6010	0.12	0.20	mg/l	7440-38-2	\$ 6.00
Barium	EPA 6010	0.014	0.10	mg/l	7440-39-3	\$ 8.00
Beryllium	EPA 6010	0.0045	0.10	mg/l	7440-41-7	\$ 6.00
Cadmium	EPA 6010	0.010	0.10	mg/l	7440-43-9	\$ 6.00
Chromium	EPA 6010	0.0092	0.10	mg/l	7440-47-3	\$ 8.00
Cobalt	EPA 6010	0.011	0.50	mg/l	7440-48-4	\$ 8.00
Copper	EPA 6010	0.012	0.10	mg/l	7440-50-8	\$ 6.00
Lead	EPA 6010	0.18	0.50	mg/l	7439-92-1	\$ 6.00
Mercury	EPA 7470A	0.0003	0.002	mg/l	7439-97-6	\$ 12.00
Molybdenum	EPA 6010	0.012	0.50	mg/l	7439-98-7	\$ 8.00
Nickel	EPA 6010	0.026	0.10	mg/l	7440-02-0	\$ 6.00
Selenium	EPA 6010	0.11	0.20	mg/l	7782-49-2	\$ 6.00
Silver	EPA 6010	0.025	0.10	mg/l	7440-22-4	\$ 6.00
Thallium	EPA 6010	0.18	1.0	mg/l	7440-28-0	\$ 6.00
Vanadium	EPA 6010	0.0092	0.10	mg/l	7440-62-2	\$ 6.00
Zinc	EPA 6010	0.018	0.50	mg/l	7440-66-6	\$ 6.00
Subtotal - WET Metals - Soil Price						\$ 108.00
TCLP Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Arsenic	EPA 6010	0.063	0.20	mg/l	7440-38-2	\$ 6.00
Barium	EPA 6010	0.034	0.10	mg/l	7440-39-3	\$ 6.00
Cadmium	EPA 6010	0.0051	0.10	mg/l	7440-43-9	\$ 6.00
Chromium	EPA 6010	0.0075	0.10	mg/l	7440-47-3	\$ 6.00
Lead	EPA 6010	0.03	0.50	mg/l	7439-92-1	\$ 6.00
Mercury	EPA 7470	0.0003	0.002	mg/l	7439-97-6	\$ 12.00
Selenium	EPA 6010	0.11	0.20	mg/l	7782-49-2	\$ 6.00
Silver	EPA 6010	0.0083	0.10	mg/l	7440-22-4	\$ 6.00
Subtotal - TCLP Metals - Soil Price						\$ 54.00
PCBs*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
PCB-1016	EPA 8082	2	10	ug/kg	12674-11-2	
PCB-1221	EPA 8082	5	10	ug/kg	11104-28-2	
PCB-1232	EPA 8082	1	10	ug/kg	11141-16-5	
PCB-1242	EPA 8082	1	10	ug/kg	53469-21-9	
PCB-1248	EPA 8082	1	10	ug/kg	12872-29-6	
PCB-1254	EPA 8082	0.78	10	ug/kg	11097-69-1	
PCB-1260	EPA 8082	2	10	ug/kg	11098-82-5	
Subtotal - PCBs - Soil Price						\$ 45.00
Organochlorine Pesticides*						

Soil Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Aldrin	EPA 8081	0.028	0.5	ug/kg	309-00-2	
alpha-BHC	EPA 8081	0.14	0.5	ug/kg	319-84-6	
beta-BHC	EPA 8081	0.38	0.5	ug/kg	319-85-7	
gamma-BHC (Lindane)	EPA 8081	0.25	0.5	ug/kg	58-89-9	
delta-BHC	EPA 8081	0.076	0.5	ug/kg	319-86-8	
alpha-Chlordane	EPA 8081	0.088	0.5	ug/kg	5103-71-9	
gamma-Chlordane	EPA 8081	0.063	0.5	ug/kg	5103-74-2	
4,4'-DDD	EPA 8081	0.083	0.5	ug/kg	72-54-8	
4,4'-DDE	EPA 8081	0.045	0.5	ug/kg	72-55-9	
4,4'-DDT	EPA 8081	0.031	0.5	ug/kg	50-29-3	
Dieldrin	EPA 8081	0.032	0.5	ug/kg	60-57-1	
Endosulfan I	EPA 8081	0.088	0.5	ug/kg	959-98-8	
Endosulfan II	EPA 8081	0.066	0.5	ug/kg	33213-65-9	
Endosulfan sulfate	EPA 8081	0.13	0.5	ug/kg	1031-07-8	
Endrin	EPA 8081	0.035	0.5	ug/kg	72-20-8	
Endrin aldehyde	EPA 8081	0.081	0.5	ug/kg	7421-36-3	
Endrin ketone	EPA 8081	0.085	0.5	ug/kg	53494-70-5	
Heptachlor	EPA 8081	0.26	0.5	ug/kg	76-44-8	
Heptachlor epoxide	EPA 8081	0.15	0.5	ug/kg	1024-57-3	
Methoxychlor	EPA 8081	0.13	0.5	ug/kg	72-43-5	
Toxaphene	EPA 8081	7.4	50	ug/kg	8001-35-2	
Subtotal - Organochlorine Pesticides - Soil Price						\$ 50.00
Chlorinated Herbicides*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
2,4,5-T	EPA 8151	0.51	3	ug/kg	93-76-5	
2,4,5-TP (Silvex)	EPA 8151	1	3	ug/kg	93-72-1	
2,4-D	EPA 8151	1	20	ug/kg	94-76-7	
Subtotal - Chlorinated Herbicides - Soil Price						\$ 60.00
Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,4-Dichlorobenzene	EPA 8260	1.5	5	ug/kg	106-46-7	
2,2-Dichloropropane	EPA 8260	1.3	5	ug/kg	594-20-7	
2-Butanone (MEK)	EPA 8260	3.8	10	ug/kg	78-93-3	
2-Chlorotoluene	EPA 8260	1.8	5	ug/kg	95-49-8	
4-Chlorotoluene	EPA 8260	1.4	5	ug/kg	108-43-4	
4-Methyl-2-pentanone (MIBK)	EPA 8260	1.8	50	ug/kg	108-10-1	
Acetone	EPA 8260	12	20	ug/kg	67-64-1	
Acrylonitrile	EPA 8260	4.7	20	ug/kg	107-13-1	
Benzene	EPA 8260	1.3	5	ug/kg	71-43-2	
Bromobenzene	EPA 8260	1.3	5	ug/kg	108-86-1	
Bromochloromethane	EPA 8260	0.92	5	ug/kg	74-97-5	
Bromodichloromethane	EPA 8260	0.84	5	ug/kg	75-27-4	
Bromoform	EPA 8260	1.5	5	ug/kg	75-26-2	
Bromomethane	EPA 8260	1.6	5	ug/kg	74-83-0	
Carbon tetrachloride	EPA 8260	1.1	5	ug/kg	56-23-5	
Chlorobenzene	EPA 8260	1.3	5	ug/kg	108-90-7	
Chloroethane	EPA 8260	1.4	5	ug/kg	76-00-3	
Chloroform	EPA 8260	0.83	5	ug/kg	67-68-3	
Chloromethane	EPA 8260	1.4	5	ug/kg	74-87-3	
cis-1,2-Dichloroethene	EPA 8260	1.3	5	ug/kg	156-59-2	
cis-1,3-Dichloropropene	EPA 8260	1.1	5	ug/kg	10061-01-5	
Dibromochloromethane	EPA 8260	0.88	5	ug/kg	124-48-1	
Dibromochloropropane	EPA 8260	0.92	5	ug/kg	96-12-8	
Dibromomethane	EPA 8260	1.8	5	ug/kg	74-95-3	
Dichlorodifluoromethane	EPA 8260	1.3	5	ug/kg	76-71-8	
Ethylbenzene	EPA 8260	1.5	5	ug/kg	100-41-4	
Fuel Oxygenates	EPA 8260	varies	varies	ug/kg		
Hexachlorobutadiene	EPA 8260	1.7	5	ug/kg	87-68-3	
Methyl t-butyl ether (MTBE)	EPA 8260	0.5	5	ug/kg	1634-04-4	
Methylene chloride	EPA 8260	2.4	10	ug/kg	75-09-2	
n-Butylbenzene	EPA 8260	1.5	5	ug/kg	104-51-8	
n-Propylbenzene	EPA 8260	1.3	5	ug/kg	103-65-1	
Naphthalene	EPA 8260	1.4	5	ug/kg	91-20-3	
sec-Butylbenzene	EPA 8260	1.2	5	ug/kg	135-98-8	
Styrene	EPA 8260	1.4	5	ug/kg	100-42-5	

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Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
tert-Butylbenzene	EPA 8260	1.2	5	ug/kg	98-06-6	
Tetrachloroethene	EPA 8260	1.3	5	ug/kg	127-18-4	
Toluene	EPA 8260	1.2	5	ug/kg	108-88-3	
trans-1,2-Dichloroethene	EPA 8260	1.4	5	ug/kg	156-60-5	
trans-1,3-Dichloropropene	EPA 8260	1.2	5	ug/kg	10061-02-6	
Trichloroethene	EPA 8260	1.1	5	ug/kg	79-01-6	
Trichlorofluoromethane	EPA 8260	1.1	5	ug/kg	75-69-4	
Vinyl chloride	EPA 8260	1.6	5	ug/kg	75-01-4	
Total Xylene	EPA 8260	3.4	10	ug/kg		
m,p-Xylenes	EPA 8260	2.2	5	ug/kg	1330-20-7	
o-Xylene	EPA 8260	1.2	5	ug/kg	95-47-6	
Subtotal - Volatile Organic Compounds - Soil Price						\$ 50.00
Volatile Organic Compounds (BTEX Only)						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Benzene	EPA 8020	0.8	5	ug/kg	71-43-2	
Ethylbenzene	EPA 8020	0.8	5	ug/kg	100-41-4	
Toluene	EPA 8020	0.71	5	ug/kg	108-88-3	
Xylene	EPA 8020	1.6	10	ug/kg	1330-20-7	
Subtotal - Volatile Organic Compounds (BTEX Only) - Soil Price						\$ 30.00
Semi-Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	EPA 8270	250	500	ug/kg	95-94-3	
1,3,5-Trinitrobenzene	EPA 8270	250	500	ug/kg	99-35-4	
1,4-Naphthoquinone	EPA 8270	250	500	ug/kg	130-15-4	
1-Naphthylamine	EPA 8270	250	500	ug/kg	134-32-7	
2,3,4,6-Tetrachlorophenol	EPA 8270	250	500	ug/kg	58-90-2	
2,4,5-Trichlorophenol	EPA 8270		18	200	ug/kg	95-95-4
2,4,6-Trichlorophenol	EPA 8270	17	200	ug/kg	88-06-2	
2,4-Dichlorophenol	EPA 8270	17	100	ug/kg	120-83-2	
2,4-Dimethylphenol	EPA 8270	35	100	ug/kg	105-67-9	
2,4-Dinitrophenol	EPA 8270	7.7	500	ug/kg	51-28-5	
2,4-Dinitrotoluene	EPA 8270	22	100	ug/kg	121-14-2	
2,6-Dichlorophenol	EPA 8270	250	500	ug/kg	87-65-0	
2,6-Dinitrotoluene	EPA 8270	18	100	ug/kg	606-20-2	
2-Acetylaminofluorene	EPA 8270	250	500	ug/kg	53-98-3	
2-Chloronaphthalene	EPA 8270	20	100	ug/kg	91-58-7	
2-Chlorophenol	EPA 8270	16	100	ug/kg	95-57-8	
2-Methylnaphthalene	EPA 8270	18	100	ug/kg	91-57-6	
2-Naphthylamine	EPA 8270	180	3000	ug/kg	91-59-8	
2-Nitroaniline	EPA 8270	18	100	ug/kg	88-74-4	
2-Nitrophenol	EPA 8270	47	100	ug/kg	88-75-5	
3,3-Dichlorobenzidine	EPA 8270		6.7	200	ug/kg	91-94-1
3,3-Dimethylbenzidine	EPA 8270	250	500	ug/kg	119-93-7	
3-Methylcholanthrene	EPA 8270	250	500	ug/kg	56-49-5	
3-Nitroaniline	EPA 8270	15	200	ug/kg	99-09-2	
4,6-Dinitro-2-methylphenol	EPA 8270	12	500	ug/kg	534-52-1	
4-Aminobiphenyl	EPA 8270	250	500	ug/kg	92-67-1	
4-Bromophenyl phenyl ether	EPA 8270	17	100	ug/kg	101-55-3	
4-Chloro-3-methylphenol	EPA 8270		22	200	ug/kg	59-50-7
4-Chloroaniline	EPA 8270	27	100	ug/kg	106-47-8	
4-Chlorophenyl phenyl ether	EPA 8270	15	100	ug/kg	7005-72-3	
4-Nitroaniline	EPA 8270	25	200	ug/kg	100-01-6	
4-Nitrophenol	EPA 8270	18	200	ug/kg	100-02-7	
5-Nitro-o-toluidine	EPA 8270	250	500	ug/kg	99-55-8	
7,12-Dimethylbenz(a)anthracene	EPA 8270	250	500	ug/kg	57-87-6	
Acenaphthene	EPA 8270	18	100	ug/kg	83-32-9	
Acenaphthylene	EPA 8270	19	100	ug/kg	208-96-8	
Acetophenone	EPA 8270		250	500	ug/kg	98-86-2
Anthracene	EPA 8270	18	100	ug/kg	120-12-7	
Benzo(a)anthracene	EPA 8270	12	100	ug/kg	56-55-3	
Benzo(a)pyrene	EPA 8270	15	100	ug/kg	50-32-8	
Benzo(b)fluoranthene	EPA 8270	18	100	ug/kg	205-99-2	
Benzo(ghi)perylene	EPA 8270	56	100	ug/kg	191-24-2	
Benzo(e)pyrene				ug/kg	192-87-2	
Benzo(k)fluoranthene	EPA 8270	19	100	ug/kg	207-08-9	

Soil Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Benzyl Alcohol	EPA 8270	18	100	ug/kg	100-51-6	
Bis(2-chloroethoxy)methane	EPA 8270	17	100	ug/kg	111-91-1	
Bis(2-chloroethyl) ether	EPA 8270	16	100	ug/kg	111-44-4	
Bis(2-chloroisopropyl) ether	EPA 8270	21	100	ug/kg	108-60-1	
Bis(2-ethylhexyl) Phthalate	EPA 8270	43	200	ug/kg	117-81-7	
Butyl benzyl Phthalate	EPA 8270	21	100	ug/kg	85-68-7	
Chlorobenzilate	EPA 8270	250	500	ug/kg	610-15-6	
Chrysene	EPA 8270	17	100	ug/kg	218-01-9	
Diallate	EPA 8270	250	500	ug/kg	2303-16-4	
Dibenzo(a,h)anthracene	EPA 8270	19	100	ug/kg	53-70-3	
Dibenzofuran	EPA 8270	20	100	ug/kg	132-64-9	
Diethyl Phthalate	EPA 8270	19	100	ug/kg	84-66-2	
Dimethoate	EPA 8270	250	1000	ug/kg	60-51-5	
Dimethyl Phthalate	EPA 8270	20	100	ug/kg	131-11-3	
Di-n-butyl Phthalate	EPA 8270	18	100	ug/kg	84-74-2	
Di-n-octyl Phthalate	EPA 8270	17	100	ug/kg	117-84-0	
Dinoseb	EPA 8270	200	500	ug/kg	88-85-7	
Diphenylamine	EPA 8270	250	500	ug/kg	122-39-4	
Disulfoton	EPA 8141	1	10	ug/kg	298-04-4	
Ethyl Methanesulfonate	EPA 8270	250	500	ug/kg	62-50-0	
Famphur	EPA 8141	2	10	ug/kg	62-85-7	
Fluoranthene	EPA 8270	17	100	ug/kg	206-44-0	
Fluorene	EPA 8270	19	100	ug/kg	86-73-7	
Hexachlorobenzene	EPA 8270	16	100	ug/kg	118-74-1	
Hexachlorobutadiene	EPA 8270	17	100	ug/kg	87-68-3	
Hexachlorocyclopentadiene	EPA 8270	19	100	ug/kg	77-47-4	
Hexachloroethane	EPA 8270	20	100	ug/kg	67-72-1	
Hexachloropropene	EPA 8270	250	500	ug/kg	1888-71-7	
Indeno(1,2,3-cd)pyrene	EPA 8270	72	100	ug/kg	193-39-5	
Isodrin	EPA 8270	250	500	ug/kg	465-73-6	
Isophorone	EPA 8270	17	100	ug/kg	78-59-1	
Isosafrole	EPA 8270	250	500	ug/kg	120-58-1	
Kepon	EPA 8270	200	500	ug/kg	143-50-0	
m-Cresol	EPA 8270	22	200	ug/kg	108-39-4	
m-Dinitrobenzene	EPA 8270	250	500	ug/kg	99-65-0	
Methapyrene	EPA 8270	250	500	ug/kg	91-80-5	
Methyl Methanesulfonate	EPA 8270	250	500	ug/kg	66-27-3	
Methyl Parathion	EPA 8270	250	1000	ug/kg	298-00-0	
Naphthalene	EPA 8270	18	100	ug/kg	91-20-3	
Nitrobenzene	EPA 8270	15	100	ug/kg	98-95-3	
N-Nitrosodiethylamine	EPA 8270	1	3	ug/kg	55-18-5	
N-Nitrosodimethylamine	EPA 8270	37	100	ug/kg	62-76-9	
N-Nitrosodi-n-butylamine	EPA 8270	250	500	ug/kg	924-16-3	
N-Nitrosodi-n-propylamine	EPA 8270	21	100	ug/kg	621-84-7	
N-Nitrosodiphenylamine	EPA 8270	21	100	ug/kg	86-30-6	
N-Nitrosomethyl ethylamine	EPA 8270		1	3	10595-95-6	
N-Nitrosopiperidine	EPA 8270	250	500	ug/kg	100-75-4	
N-Nitrosopyrrolidine	EPA 8270	250	500	ug/kg	930-55-2	
o,o,o-Triethyl Phosphorothioate	EPA 8270	250	1000	ug/kg	126-68-1	
O-Cresol	EPA 8270	17	100	ug/kg	95-48-7	
O-Toluidine	EPA 8270		250	500	95-53-4	
p-(Dimethylamino) Azobenzene	EPA 8270	250	500	ug/kg	60-11-7	
Parathion (Ethyl)	EPA 8141	3	10	ug/kg	56-38-2	
p-Cresol	EPA 8270	22	200	ug/kg	106-44-5	
Pentachlorobenzene	EPA 8270	250	500	ug/kg	608-93-5	
Pentachloronitrobenzene	EPA 8270	100	300	ug/kg	82-88-8	
Pentachlorophenol	EPA 8270	13	200	ug/kg	87-86-5	
Phenacetin	EPA 8270	250	500	ug/kg	62-44-2	
Phenanthrene	EPA 8270	18	100	ug/kg	85-01-8	
Phenol	EPA 8270	16	100	ug/kg	108-95-2	
Phorate	EPA 8270	250	1000	ug/kg	298-02-2	
p-Phenylenediamine	EPA 8270	250	500	ug/kg	106-50-3	
Pronamide	EPA 8270	250	500	ug/kg	23950-58-5	
Pyrene	EPA 8270	17	100	ug/kg	129-00-0	
Safrole	EPA 8270	250	500	ug/kg	94-59-7	
Thionazin	EPA 8270	250	1000	ug/kg	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Soil Price						\$ 80.00
Miscellaneous Constituents*						

Soil Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Parameter	Proposed Test Method/Standard	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Asbestos	PLM	<0.1	<0.1	%		\$ 10.00
Corrosivity Liquid	9040	0.05	0.05	pH		\$ 7.00
Corrosivity Solid	SW-846	0.05	0.05	pH		\$ 7.00
Ignitability	D-93-70	20	20	FP		\$ 40.00
Ignitability	D-93-80	20	20	FP		\$ 40.00
Ignitability	D-3278-78	20	20	FP		\$ 40.00
Ignitability	D-323	20	20	FP		\$ 40.00
Extractable Petroleum Hydrocarbons (C12-C24)	EPA 8016	0.24	2.0	mg/kg		\$ 40.00
Extractable Petroleum Hydrocarbons (C24-C40)	EPA 8015	0.50	1.0	mg/kg		\$ 40.00
Total Petroleum Hydrocarbons (C8-C12)	EPA 8015	0.10	1.0	mg/kg		\$ 30.00
Total Petroleum Hydrocarbons (C10-C22)	EPA 8015	0.50	1.0	mg/kg		\$ 40.00
Total Petroleum Hydrocarbons (C18-C30)	EPA 8015	0.50	1.0	mg/kg		\$ 40.00
Volatile Petroleum Hydrocarbons (C4-C12)	EPA 8015	0.10	1.0	mg/kg		\$ 40.00
Subtotal - Miscellaneous Constituents - Soil Price						\$ 414.00
Total Soil Monitoring Price						\$ 966.00
*Some parameters may not be required for all sites, however all chain of custodys will include a parameter list.						

EXHIBIT C – DATA DELIVERABLE FORMAT

ELEMENT	Data Deliverable Specifications
CASE NARRATIVE	client project identification laboratory identification test requests for samples discussion of any QC failure holding time violations observations/analytical comment
SAMPLE CUSTODY RECORDS	external internal written communications or telephone logs to client
SUMMARY OF SAMPLE RESULTS	client's and lab's sample ID number sample matrix date prepared date analysis instrument identification GC column and detector weight or volume of prepared sample dilution or concentration factor reporting limits data qualifier definitions analytical results including re-analyses, dilutions and confirmatory
SUMMARY OF QUALITY CONTROL	method blanks with cross reference to samples surrogate recoveries with recovery acceptance limits matrix spike recoveries with recovery acceptance limits matrix spike duplicate recoveries with recovery and RPD acceptance limits sample duplicate results with acceptance limits laboratory control samples with recovery acceptance limits method detection limit study results retention time windows

EXHIBIT D – ASCII TAB DELIMITED FORMAT

Test Method	Parameter	CAS#	Date Sampled	Well ID	Analysis	MDL	RL	Units	Lab No	Work Order No	Date Submitted	Date Analyzed	TIC
EPA 8260B	Bromodichloromethane	75-27-4	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8011	Dibromochloropropane (DBCP)	96-12-8	2/5/03 11:06 AM	BL-1	-1	0.003	0.01	ug/L	ALAB	A3B0194-01	2/5/03	2/11/03	N
EPA 8260B	1,2,3-Trichloropropane	96-18-4	2/5/03 11:06 AM	BL-1	-1	0.29	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	2/5/03 11:06 AM	BL-1	-1	0.3	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,1,2-Trichloroethane	79-00-5	2/5/03 11:06 AM	BL-1	-1	0.31	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Bromochloromethane	74-97-5	2/5/03 11:06 AM	BL-1	-1	0.33	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Carbon Disulfide	75-15-0	2/5/03 11:06 AM	BL-1	-1	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Chloromethane	74-87-3	2/5/03 11:06 AM	BL-1	-1	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	m,p-Xylenes	1330-20-7-1	2/5/03 11:06 AM	BL-1	50	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Dibromochloromethane	124-48-1	2/5/03 11:06 AM	BL-1	-1	0.37	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	o-Xylene	95-47-6	2/5/03 11:06 AM	BL-1	-1	0.41	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Total Xylenes	1330-20-7	2/5/03 11:06 AM	BL-1	25	0.41	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Bromomethane	74-83-9	2/5/03 11:06 AM	BL-1	-1	0.48	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Ethylbenzene	100-41-4	2/5/03 11:06 AM	BL-1	5	0.26	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,2-Dichloropropane	78-87-5	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Chloroethane	75-00-3	2/5/03 11:06 AM	BL-1	2	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Dibromomethane	74-95-3	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Trichloroethene	79-01-6	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,4-Dichloro-2-butene	110-57-6	2/5/03 11:06 AM	BL-1	-1	0.58	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Methyl isobutyl ketone (MIBK)	108-10-1	2/5/03 11:06 AM	BL-1	-1	0.95	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Iodomethane	74-88-4	2/5/03 11:06 AM	BL-1	-1	1.1	10	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	2-Butanone (MEK)	78-93-3	2/5/03 11:06 AM	BL-1	-1	1.2	3	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	2-Hexanone	591-78-6	2/5/03 11:06 AM	BL-1	-1	1.2	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Acetone	67-64-1	2/5/03 11:06 AM	BL-1	-1	1.2	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260	Butanoic Acid, Propyl Ester	105-66-8	2/5/03 11:06 AM	BL-1	2100			ug/L	ALAB	A3B0194-01	2/5/03	2/5/03	Y

PROFESSIONAL or PERSONAL SERVICE AGREEMENT

for

Environmental Laboratory Services

Groundwater, Leachate & Gas Condensate

between

COUNTY OF RIVERSIDE

And

Test America Laboratories, INC.



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This Agreement, made and entered into this 25th day of February, 2014, by and between TestAmerica Laboratories, Inc. (herein referred to as "CONTRACTOR"), and the COUNTY OF RIVERSIDE, a political subdivision of the State of California, (herein referred to as "COUNTY"). The parties agree as follows:

1. DESCRIPTION OF SERVICES

- 1.1.** CONTRACTOR shall provide all services as outlined and specified in Exhibit A, Scope of Services, consisting of five (5) pages at the prices stated in Exhibit B, Payment Provisions, consisting of twenty (20) pages.
- 1.2.** CONTRACTOR represents that it has the skills, experience, and knowledge necessary to perform under this Agreement and the COUNTY relies upon this representation. CONTRACTOR shall perform to the satisfaction of the COUNTY and in conformance to and consistent with the highest standards of firms/professionals in the same discipline in the State of California.
- 1.3.** CONTRACTOR affirms this it is fully apprised of all of the work to be performed under this Agreement; and the CONTRACTOR agrees it can properly perform this work at the prices stated in Exhibit B. CONTRACTOR is not to perform services or provide products outside of the Agreement.
- 1.4.** Acceptance by the COUNTY of the CONTRACTOR's performance under this Agreement does not operate as a release of CONTRACTOR's responsibility for full compliance with the terms of this Agreement.

2. PERIOD OF PERFORMANCE

This Agreement shall be effective upon signature of this Agreement by both parties and continue in effect through February 12, 2015 with the option to renew on an annual basis for up to four (4) additional one year periods via written amendment, unless terminated earlier. Each annual renewal is contingent upon mutually acceptable service and cost adjustments. This agreement will expire on February 12, 2019 if all renewal options have been used. CONTRACTOR shall commence performance upon signature of this Agreement by both parties and shall diligently and continuously perform thereafter. The Riverside County Board of Supervisors is the only authority that may obligate the County for a non-cancelable multi-year agreement.

3. COMPENSATION

- 3.1** The COUNTY shall pay the CONTRACTOR for services performed, products provided and expenses incurred in accordance with the terms of Exhibit B, Payment Provisions. Maximum payments by COUNTY to CONTRACTOR shall not exceed \$25,000 annually including all expenses. The COUNTY is not responsible for any fees or costs incurred above or beyond the contracted amount and shall have no obligation to purchase any specified amount of services or products. Unless otherwise specifically stated in Exhibit B, COUNTY shall not be responsible for payment of any of CONTRACTOR's expenses related to this Agreement.

- 3.2 No price increases will be permitted during the first year of this Agreement. The COUNTY requires written proof satisfactory to COUNTY of cost increases prior to any approved price adjustment. After the first year of the award, a minimum of 30-days advance notice in writing is required to be considered and approved by COUNTY. No retroactive price adjustments will be considered. Any price increases must be stated in a written amendment to this Agreement. The net dollar amount of profit will remain firm during the period of the Agreement. Annual increases shall not exceed the Consumer Price Index- All Consumers, All Items - Greater Los Angeles, Riverside and Orange County areas for environmental water laboratory testing services and be subject to satisfactory performance review by the COUNTY and approved (if needed) for budget funding by the Board of Supervisors.
- 3.3 CONTRACTOR shall be paid only in accordance with an invoice submitted to COUNTY by CONTRACTOR within fifteen (15) days from the last day of each calendar month, and COUNTY shall pay the invoice within thirty (30) working days from the date of receipt of the invoice. Payment shall be made to CONTRACTOR only after services have been rendered or delivery of materials or products, and acceptance has been made by COUNTY. Prepare invoices in duplicate. For this Agreement, send the original and duplicate copies of invoices to:

Riverside County Waste Management Department
14310 Frederick Street
Moreno Valley, CA 92553
Attn: Accounts Payable

- a) Each invoice shall contain a minimum of the following information: invoice number and date; remittance address; bill-to and ship-to addresses of ordering department/division; Agreement number WMARC-96148-003-02/14; quantities; item descriptions, unit prices, extensions, sales/use tax if applicable, and an invoice total.
- b) Invoices shall be rendered monthly in arrears.
- 3.4 The COUNTY obligation for payment of this Agreement beyond the current fiscal year end is contingent upon and limited by the availability of COUNTY funding from which payment can be made. No legal liability on the part of the COUNTY shall arise for payment beyond June 30 of each calendar year unless funds are made available for such payment. In the event that such funds are not forthcoming for any reason, COUNTY shall immediately notify CONTRACTOR in writing; and this Agreement shall be deemed terminated, have no further force, and effect.

4. ALTERATION OR CHANGES TO THE AGREEMENT

- 4.1 The Board of Supervisors and the COUNTY Purchasing Agent and/or his designee is the only authorized COUNTY representatives who may at any time, by written order, alter this Agreement. If any such alteration causes an increase or decrease in the cost of, or the time

required for the performance under this Agreement, an equitable adjustment shall be made in the Agreement price or delivery schedule, or both, and the Agreement shall be modified by written amendment accordingly.

- 4.2** Any claim by the CONTRACTOR for additional payment related to this Agreement shall be made in writing by the CONTRACTOR within 30 days of when the CONTRACTOR has or should have notice of any actual or claimed change in the work, which results in additional and unanticipated cost to the CONTRACTOR. If the COUNTY Purchasing Agent decides that the facts provide sufficient justification, he may authorize additional payment to the CONTRACTOR pursuant to the claim. Nothing in this section shall excuse the CONTRACTOR from proceeding with performance of the Agreement even if there has been a change.

5. TERMINATION

- 5.1.** COUNTY may terminate this Agreement without cause upon 30 days written notice served upon the CONTRACTOR stating the extent and effective date of termination.
- 5.2** COUNTY may, upon five (5) days written notice terminate this Agreement for CONTRACTOR's default, if CONTRACTOR refuses or fails to comply with the terms of this Agreement or fails to make progress that may endanger performance and does not immediately cure such failure. In the event of such termination, the COUNTY may proceed with the work in any manner deemed proper by COUNTY.
- 5.3** After receipt of the notice of termination, CONTRACTOR shall:
- (a) Stop all work under this Agreement on the date specified in the notice of termination; and
 - (b) Transfer to COUNTY and deliver in the manner as directed by COUNTY any materials, reports or other products, which, if the Agreement had been completed or continued, would have been required to be furnished to COUNTY.
- 5.4** After termination, COUNTY shall make payment only for CONTRACTOR's performance up to the date of termination in accordance with this Agreement and at the rates set forth in Exhibit B.
- 5.5** CONTRACTOR's rights under this Agreement shall terminate (except for fees accrued prior to the date of termination) upon dishonesty or a willful or material breach of this Agreement by CONTRACTOR; or in the event of CONTRACTOR's unwillingness or inability for any reason whatsoever to perform the terms of this Agreement. In such event, CONTRACTOR shall not be entitled to any further compensation under this Agreement.
- 5.6** CONTRACTOR is debarred from the System for Award Management (SAM). If the agreement is federally or State funded, CONTRACTOR must notify the COUNTY immediately of the debarment. Reference: (System for Award Management (SAM) at <https://www.sam.gov> for Central Contractor Registry (CCR), Federal Agency Registration (Fedreg), Online

Representations and Certifications Application, and Excluded Parties List System (EPLS)). Excluded Parties Listing System (EPLS) (<http://www.epls.gov>) (Executive Order 12549, 7 CFR Part 3017, 45 CFR Part 76, and 44 CFR Part 17). The System for Award Management (SAM) is the Official U.S. Government system that consolidated the capabilities of CCR/FedReg, ORCA, and EPLS.

- 5.7 The rights and remedies of COUNTY provided in this section shall not be exclusive and are in addition to any other rights and remedies provided by law or this Agreement.

6. OWNERSHIP/USE OF CONTRACT MATERIALS AND PRODUCTS

The CONTRACTOR agrees that all materials, reports or products in any form, including electronic, created by CONTRACTOR for which CONTRACTOR has been compensated by COUNTY pursuant to this Agreement shall be the sole property of the COUNTY. The material, reports or products may be used by the COUNTY for any purpose COUNTY deems to be appropriate, including, but not limit to, duplication and/or distribution within the COUNTY or to third parties. CONTRACTOR agrees not to release or circulate in whole or part such materials, reports, or products without prior written authorization of the COUNTY.

7. CONDUCT OF CONTRACTOR

- 7.1 The CONTRACTOR covenants that it presently has no interest, including, but not limited to, other projects or contracts, and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with CONTRACTOR's performance under this Agreement. The CONTRACTOR further covenants that no person or subcontractor having any such interest shall be employed or retained by CONTRACTOR under this Agreement. The CONTRACTOR agrees to inform the COUNTY of all the CONTRACTOR's interests, if any, which are or may be perceived as incompatible with the COUNTY's interests.
- 7.2 The CONTRACTOR shall not, under circumstances which could be interpreted as an attempt to influence the recipient in the conduct of his/her duties, accept any gratuity or special favor from individuals or firms with whom the CONTRACTOR is doing business or proposing to do business, in accomplishing the work under this Agreement.
- 7.3 The CONTRACTOR or its employees shall not offer gifts, gratuity, favors, and entertainment directly or indirectly to COUNTY employees.

8. INSPECTION OF SERVICE; QUALITY CONTROL/ASSURANCE

- 8.1 All performance (which includes services, workmanship, materials, supplies and equipment furnished or utilized in the performance of this Agreement) shall be subject to inspection and test by the COUNTY or other regulatory agencies at all times. The CONTRACTOR shall provide adequate cooperation to any inspector or other COUNTY representative to permit him/her to determine the CONTRACTOR's conformity with the terms of this Agreement. If any services

performed or products provided by CONTRACTOR are not in conformance with the terms of this Agreement, the COUNTY shall have the right to require the CONTRACTOR to perform the services or provide the products in conformance with the terms of the Agreement at no additional cost to the COUNTY. When the services to be performed or the products to be provided are of such nature that the difference cannot be corrected; the COUNTY shall have the right to: (1) require the CONTRACTOR immediately to take all necessary steps to ensure future performance in conformity with the terms of the Agreement; and/or (2) reduce the Agreement price to reflect the reduced value of the services performed or products provided. The COUNTY may also terminate this Agreement for default and charge to CONTRACTOR any costs incurred by the COUNTY because of the CONTRACTOR's failure to perform.

- 8.2** CONTRACTOR shall establish adequate procedures for self-monitoring and quality control and assurance to ensure proper performance under this Agreement; and shall permit a COUNTY representative or other regulatory official to monitor, assess, or evaluate CONTRACTOR's performance under this Agreement at any time, upon reasonable notice to the CONTRACTOR.

9. INDEPENDENT CONTRACTOR

The CONTRACTOR is, for purposes relating to this Agreement, an independent contractor and shall not be deemed an employee of the COUNTY. It is expressly understood and agreed that the CONTRACTOR (including its employees, agents, and subcontractors) shall in no event be entitled to any benefits to which COUNTY employees are entitled, including but not limited to overtime, any retirement benefits, worker's compensation benefits, and injury leave or other leave benefits. There shall be no employer-employee relationship between the parties; and CONTRACTOR shall hold COUNTY harmless from any and all claims that may be made against COUNTY based upon any contention by a third party that an employer-employee relationship exists by reason of this Agreement. It is further understood and agreed by the parties that CONTRACTOR in the performance of this Agreement is subject to the control or direction of COUNTY merely as to the results to be accomplished and not as to the means and methods for accomplishing the results.

10. SUBCONTRACT FOR WORK OR SERVICES

No contract shall be made by the CONTRACTOR with any other party for furnishing any of the work or services under this Agreement without the prior written approval of the COUNTY; but this provision shall not require the approval of contracts of employment between the CONTRACTOR and personnel assigned under this Agreement, or for parties named in the proposal and agreed to under this Agreement.

11. DISPUTES

- 11.1** The parties shall attempt to resolve any disputes amicably at the working level. If that is not successful, the dispute shall be referred to the senior management of the parties. Any dispute relating to this Agreement, which is not resolved by the parties, shall be decided by the

COUNTY's Purchasing Department's Compliance Contract Officer who shall furnish the decision in writing. The decision of the COUNTY's Compliance Contract Officer shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, capricious, arbitrary, or so grossly erroneous to imply bad faith. The CONTRACTOR shall proceed diligently with the performance of this Agreement pending the resolution of a dispute.

- 11.2** Prior to the filing of any legal action related to this Agreement, the parties shall be obligated to attend a mediation session in Riverside County before a neutral third party mediator. A second mediation session shall be required if the first session is not successful. The parties shall share the cost of the mediations.

12. LICENSING AND PERMITS

CONTRACTOR shall comply with all State or other licensing requirements, including but not limited to the provisions of Chapter 9 of Division 3 of the Business and Professions Code. All licensing requirements shall be met at the time proposals are submitted to the COUNTY. CONTRACTOR warrants that it has all necessary permits, approvals, certificates, waivers and exemptions necessary for performance of this Agreement as required by the laws and regulations of the United States, the State of California, the County of Riverside and all other governmental agencies with jurisdiction, and shall maintain these throughout the term of this Agreement.

13. USE BY OTHER POLITICAL ENTITIES

The CONTRACTOR agrees to extend the same pricing, terms, and conditions as stated in this Agreement to each and every political entity, special district, and related non-profit entity in Riverside County. It is understood that other entities shall make purchases in their own name, make direct payment, and be liable directly to the CONTRACTOR; and COUNTY shall in no way be responsible to CONTRACTOR for other entities' purchases.

14. NON-DISCRIMINATION

CONTRACTOR shall not be discriminate in the provision of services, allocation of benefits, accommodation in facilities, or employment of personnel on the basis of ethnic group identification, race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status or sex in the performance of this Agreement; and, to the extent they shall be found to be applicable hereto, shall comply with the provisions of the California Fair Employment and Housing Act (Gov. Code 12900 et. seq), the Federal Civil Rights Act of 1964 (P.L. 88-352), the Americans with Disabilities Act of 1990 (42 U.S.C. §1210 et seq.) and all other applicable laws or regulations.

15. RECORDS AND DOCUMENTS

CONTRACTOR shall make available, upon written request by any duly authorized Federal, State, or COUNTY agency, a copy of this Agreement and such books, documents and records as are necessary to certify the nature and extent of the CONTRACTOR's costs related to this Agreement. All such books, documents and records shall be maintained by CONTRACTOR for at least five years following termination of this Agreement and be available

for audit by the COUNTY. CONTRACTOR shall provide to the COUNTY reports and information related to this Agreement as requested by COUNTY.

16. CONFIDENTIALITY

16.1 The CONTRACTOR shall not use for personal gain or make other improper use of privileged or confidential information which is acquired in connection with this Agreement. The term “privileged or confidential information” includes but is not limited to: unpublished or sensitive technological or scientific information; medical, personnel, or security records; anticipated material requirements or pricing/purchasing actions; COUNTY information or data which is not subject to public disclosure; COUNTY operational procedures; and knowledge of selection of contractors, subcontractors or suppliers in advance of official announcement.

16.2 The CONTRACTOR shall protect from unauthorized disclosure names and other identifying information concerning persons receiving services pursuant to this Agreement, except for general statistical information not identifying any person. The CONTRACTOR shall not use such information for any purpose other than carrying out the CONTRACTOR’s obligations under this Agreement. The CONTRACTOR shall promptly transmit to the COUNTY all third party requests for disclosure of such information. The CONTRACTOR shall not disclose, except as otherwise specifically permitted by this Agreement or authorized in advance in writing by the COUNTY, any such information to anyone other than the COUNTY. For purposes of this paragraph, identity shall include, but not be limited to, name, identifying number, symbol, or other identifying particulars assigned to the individual, such as finger or voice print or a photograph.

17. ADMINISTRATION/CONTRACT LIAISON

The COUNTY Purchasing Agent, or designee, shall administer this Agreement on behalf of the COUNTY. The Purchasing Department is to serve as the liaison with CONTRACTOR in connection with this Agreement.

18. NOTICES

All correspondence and notices required or contemplated by this Agreement shall be delivered to the respective parties at the addresses set forth below and are deemed submitted two days after their deposit in the United States mail, postage prepaid:

COUNTY OF RIVERSIDE
Purchasing and Fleet Services
2980 Washington Street
Riverside, CA 92504
Scott Haddon

CONTRACTOR
TestAmerica Laboratories, Inc.
17461 Derian Ave, Suite 100
Irvine, CA 92614
Kirk Miltimore

Riverside County Waste Management Department Services
14310 Frederick Street, Moreno Valley, CA 92553 – Attn: Panda Workman

19. FORCE MAJEURE

If either party is unable to comply with any provision of this Agreement due to causes beyond its reasonable control, and which could not have been reasonably anticipated, such as acts of God, acts of war, civil disorders, or other similar acts, such party shall not be held liable for such failure to comply.

20. EDD REPORTING REQUIREMENTS

In order to comply with child support enforcement requirements of the State of California, the COUNTY may be required to submit a Report of Independent Contractor(s) form **DE 542** to the Employment Development Department. The CONTRACTOR agrees to furnish the required data and certifications to the COUNTY within 10 days of notification of award of Agreement when required by the EDD. This data will be transmitted to governmental agencies charged with the establishment and enforcement of child support orders. Failure of the CONTRACTOR to timely submit the data and/or certificates required may result in the contract being awarded to another contractor. In the event a contract has been issued, failure of the CONTRACTOR to comply with all federal and state reporting requirements for child support enforcement or to comply with all lawfully served Wage and Earnings Assignments Orders and Notices of Assignment shall constitute a material breach of Agreement. If CONTRACTOR has any questions concerning this reporting requirement, please call (916) 657-0529. CONTRACTOR should also contact its local Employment Tax Customer Service Office listed in the telephone directory in the State Government section under "Employment Development Department" or access their Internet site at www.edd.ca.gov.

21. HOLD HARMLESS/INDEMNIFICATION

21.1 CONTRACTOR shall indemnify and hold harmless the County of Riverside, its Agencies, Districts, Special Districts and Departments, their respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives (individually and collectively hereinafter referred to as Indemnitees) from any liability whatsoever, based or asserted upon any services of CONTRACTOR, its officers, employees, subcontractors, agents or representatives arising out of or in any way relating to this Agreement, including but not limited to property damage, bodily injury, or death or any other element of any kind or nature whatsoever arising from the performance of CONTRACTOR, its officers, employees, subcontractors, agents or representatives Indemnitors from this Agreement. CONTRACTOR shall defend, at its sole expense, all costs, and fees including, but not limited, to attorney fees, cost of investigation, defense and settlements or awards, the Indemnitees in any claim or action based upon such alleged acts or omissions.

21.2 With respect to any action or claim subject to indemnification herein by CONTRACTOR, CONTRACTOR shall, at their sole cost, have the right to use counsel of their own choice and

shall have the right to adjust, settle, or compromise any such action or claim without the prior consent of COUNTY; provided, however, that any such adjustment, settlement or compromise in no manner whatsoever limits or circumscribes CONTRACTOR'S indemnification to Indemnitees as set forth herein.

- 21.3 CONTRACTOR'S obligation hereunder shall be satisfied when CONTRACTOR has provided to COUNTY the appropriate form of dismissal relieving COUNTY from any liability for the action or claim involved.
- 21.4 The specified insurance limits required in this Agreement shall in no way limit or circumscribe CONTRACTOR'S obligations to indemnify and hold harmless the Indemnitees herein from third party claims.
- 21.5 In the event there is conflict between this clause and California Civil Code Section 2782, this clause shall be interpreted to comply with Civil Code 2782. Such interpretation shall not relieve the CONTRACTOR from indemnifying the Indemnitees to the fullest extent allowed by law.

22. INSURANCE

22.1 Without limiting or diminishing the CONTRACTOR'S obligation to indemnify or hold the COUNTY harmless, CONTRACTOR shall procure and maintain or cause to be maintained, at its sole cost and expense, the following insurance coverage's during the term of this Agreement. As respects to the insurance section only, the COUNTY herein refers to the County of Riverside, its Agencies, Districts, Special Districts, and Departments, their respective directors, officers, Board of Supervisors, employees, elected or appointed officials, agents, or representatives as Additional Insureds.

A. Workers' Compensation:

If the CONTRACTOR has employees as defined by the State of California, the CONTRACTOR shall maintain statutory Workers' Compensation Insurance (Coverage A) as prescribed by the laws of the State of California. Policy shall include Employers' Liability (Coverage B) including Occupational Disease with limits not less than \$1,000,000 per person per accident. The policy shall be endorsed to waive subrogation in favor of The County of Riverside.

B. Commercial General Liability:

Commercial General Liability insurance coverage, including but not limited to, premises liability, unmodified contractual liability, products and completed operations liability, personal and advertising injury, and cross liability coverage, covering claims which may arise from or out of CONTRACTOR'S performance of its obligations hereunder. Policy shall name the COUNTY as Additional Insured. Policy's limit of liability shall not be less than \$1,000,000 per occurrence combined single limit. If such insurance

contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit.

C. Vehicle Liability:

If vehicles or mobile equipment is used in the performance of the obligations under this Agreement, then CONTRACTOR shall maintain liability insurance for all owned, non-owned, or hired vehicles so used in an amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit. Policy shall name the COUNTY as Additional Insureds.

D. Professional Liability (ONLY TO BE INCLUDED IN CONTRACTS WITH SERVICE PROVIDERS INCLUDING BUT NOT LIMITED TO ENGINEERS, DOCTORS, AND LAWYERS).

Contractor shall maintain Professional Liability Insurance providing coverage for the Contractor's performance of work included within this Agreement, with a limit of liability of not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. If Contractor's Professional Liability Insurance is written on a claims made basis rather than an occurrence basis, such insurance shall continue through the term of this Agreement and CONTRACTOR shall purchase at his sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that CONTRACTOR has Maintained continuous coverage with the same or original insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

E. General Insurance Provisions - All lines:

1) Any insurance carrier providing insurance coverage hereunder shall be admitted to the State of California and have an A M BEST rating of not less than A: VIII (A:8) unless such requirements are waived, in writing, by the County Risk Manager. If the County's Risk Manager waives a requirement for a particular insurer such waiver is only valid for that specific insurer and only for one policy term.

2) The CONTRACTOR must declare its insurance self-insured retention for each coverage required herein. If any such self-insured retention exceeds \$500,000 per occurrence each such retention shall have the prior written consent of the County Risk Manager before the commencement of operations under this Agreement. Upon notification of self-insured retention unacceptable to the COUNTY, and at the election of the County's Risk Manager, CONTRACTOR'S carriers shall either; 1) reduce or eliminate such self-insured retention as respects this Agreement with the COUNTY, or 2) procure a bond which guarantees payment of losses and related investigations, claims administration, and defense costs and expenses.

3) CONTRACTOR shall cause CONTRACTOR'S insurance carrier(s) to furnish the County of Riverside with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of Endorsements effecting coverage as required herein, and 2) if requested to do so orally or in writing by

the County Risk Manager, provide original Certified copies of policies including all Endorsements and all attachments thereto, showing such insurance is in full force and effect. Further, said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that thirty (30) days written notice shall be given to the County of Riverside prior to any material modification, cancellation, expiration or reduction in coverage of such insurance. In the event of a material modification, cancellation, expiration, or reduction in coverage, this Agreement shall terminate forthwith, unless the County of Riverside receives, prior to such effective date, another properly executed original Certificate of Insurance and original copies of endorsements or certified original policies, including all endorsements and attachments thereto evidencing coverage's set forth herein and the insurance required herein is in full force and effect. CONTRACTOR shall not commence operations until the COUNTY has been furnished original Certificate (s) of Insurance and certified original copies of endorsements and if requested, certified original policies of insurance including all endorsements and any and all other attachments as required in this Section. An individual authorized by the insurance carrier shall sign the original endorsements for each policy and the Certificate of Insurance.

4) It is understood and agreed to by the parties hereto that the CONTRACTOR'S insurance shall be construed as primary insurance, and the COUNTY'S insurance and/or deductibles and/or self-insured retention's or self-insured programs shall not be construed as contributory.

5) If, during the term of this Agreement or any extension thereof, there is a material change in the scope of services; or, there is a material change in the equipment to be used in the performance of the scope of work; or, the term of this Agreement, including any extensions thereof, exceeds five (5) years; the COUNTY reserves the right to adjust the types of insurance and the monetary limits of liability required under this Agreement, if in the County Risk Manager's reasonable judgment, the amount or type of insurance carried by the CONTRACTOR has become inadequate.

6) CONTRACTOR shall pass down the insurance obligations contained herein to all tiers of subcontractors working under this Agreement.

7) The insurance requirements contained in this Agreement may be met with a program(s) of self-insurance acceptable to the COUNTY.

8) CONTRACTOR agrees to notify COUNTY of any claim by a third party or any incident or event that may give rise to a claim arising from the performance of this Agreement.

23. GENERAL

- 23.1** CONTRACTOR shall not delegate or assign any interest in this Agreement, whether by operation of law or otherwise, without the prior written consent of COUNTY. Any attempt to delegate or assign any interest herein shall be deemed void and of no force or effect.
- 23.2** Any waiver by COUNTY of any breach of any one or more of the terms of this Agreement shall not be construed to be a waiver of any subsequent or other breach of the same or of any other term of this Agreement. Failure on the part of COUNTY to require exact, full, and complete compliance with any terms of this Agreement shall not be construed as in any manner changing the terms or preventing COUNTY from enforcement of the terms of this Agreement.
- 23.3** In the event the CONTRACTOR receives payment under this Agreement, which is later disallowed by COUNTY for nonconformance with the terms of the Agreement, the CONTRACTOR shall promptly refund the disallowed amount to the COUNTY on request; or at its option the COUNTY may offset the amount disallowed from any payment due to the CONTRACTOR.
- 23.4** CONTRACTOR shall not provide partial delivery or shipment of services or products unless specifically stated in the Agreement.
- 23.5** CONTRACTOR shall not provide any services or products subject to any chattel mortgage or under a conditional sales contract or other agreement by which an interest is retained by a third party. The CONTRACTOR warrants that it has good title to all materials or products used by CONTRACTOR or provided to COUNTY pursuant to this Agreement, free from all liens, claims, or encumbrances.
- 23.6** Nothing in this Agreement shall prohibit the COUNTY from acquiring the same type or equivalent equipment, products, materials or services from other sources, when deemed by the COUNTY to be in its best interest. The COUNTY reserves the right to purchase more or less than the quantities specified in this Agreement.
- 23.7** The COUNTY agrees to cooperate with the CONTRACTOR in the CONTRACTOR's performance under this Agreement, including, if stated in the Agreement, providing the CONTRACTOR with reasonable facilities and timely access to COUNTY data, information, and personnel.
- 23.8** CONTRACTOR shall comply with all applicable Federal, State and local laws and regulations. CONTRACTOR will comply with all applicable COUNTY policies and procedures. In the event that there is a conflict between the various laws or regulations that may apply, the CONTRACTOR shall comply with the more restrictive law or regulation.
- 23.9** CONTRACTOR shall comply with all air pollution control, water pollution, safety and health ordinances, statutes, or regulations, which apply to performance under this Agreement.

23.10 CONTRACTOR shall comply with all requirements of the Occupational Safety and Health Administration (OSHA) standards and codes as set forth by the U.S. Department of Labor and the State of California (Cal/OSHA).

23.11 This Agreement shall be governed by the laws of the State of California. Any legal action related to the performance or interpretation of this Agreement shall be filed only in the Superior Court of the State of California located in Riverside, California, and the parties waive any provision of law providing for a change of venue to another location. In the event any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.

23.12 This Agreement, including any attachments or exhibits, constitutes the entire Agreement of the parties with respect to its subject matter and supersedes all prior and contemporaneous representations, proposals, discussions and communications, whether oral or in writing. This Agreement may be changed or modified only by a written amendment signed by authorized representatives of both parties.

COUNTY


County of Riverside Administrative Center
4080 Lemon Street
Riverside, CA 92501

By: _____
Jeff Stone
Chairman, Board of Supervisors

Date: _____

CONTRACTOR

TestAmerica Laboratories, Inc.
17461 Derian Ave, Suite 100
Irvine, CA 92614

By:  _____
Kirk Miltimore
Lab Director

Date: 02/04/14

ATTEST:

KECIA HARPER-IHEM, Clerk of the Board

APPROVED AS TO FORM:

NEAL KIPNIS, COUNTY Counsel

FORM APPROVED COUNTY COUNSEL
BY:  _____
NEAL R. KIPNIS DATE

By: _____
Deputy

EXHIBIT A – SCOPE OF SERVICE**1. Contractor Requirements**

The CONTRACTOR shall provide all sample containers, with appropriate preservatives, for the requisite analytical method. Each container shall be new and unused (certified clean) or if cleaned by the CONTRACTOR, clean certification must be provided. The CONTRACTOR shall transport/ship the sample containers to COUNTY upon request. The COUNTY will supply ice chests (coolers) and ice.

2. Sample Analyses

The analytes or analytical methods anticipated for each of the different media types is described below. Analytes or analytical methods not included on the attached parameter lists may be requested during the year. Therefore a unit price for these shall be determined at the time of request.

2.1 Groundwater Sampling**2.1.1 Detection Monitoring**

The COUNTY is required to perform laboratory analysis of groundwater samples on a quarterly and semi-annual basis, depending on the site. A list of monitoring parameters the COUNTY is required to analyze for Groundwater Detection Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” In addition, for each groundwater sample set, the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B constituents. Provisions for quarterly and semi-annual analytical services are therefore required.

2.1.1.1 Constituents of Concern (COC) Monitoring

In addition to the previously mentioned quarterly and semi-annual analyses, the COUNTY is required to perform a laboratory analysis for Constituents of Concern (COCs) once every five years, when entering an Evaluation Monitoring Plan (EMP), for newly installed wells, or as required by the RWQCBs. A list of the monitoring parameters the COUNTY is required to analyze for COC scan. Groundwater Constituents of Concern Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” In addition, the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. The COUNTY is scheduled to perform the five-year COC scan for most wells during the 2015-2016 fiscal year. Provisions for COC analytical services are therefore required if the contract is renewed to include the 2015-2016 fiscal year. Information is listed in Exhibit B of Fee Schedule

2.1.1.2 Stormwater Sampling

At a minimum, the COUNTY is required to perform laboratory analysis of stormwater samples twice during each fiscal year for each stormwater sampler. Provisions for stormwater sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.3 Leachate Collection System Sampling

The COUNTY is required to perform laboratory analysis of leachate samples at least once per year per applicable site. In addition, for each leachate sample the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. Provisions for leachate sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.4 Gas Condensate Sampling

At a minimum, the COUNTY is required to perform laboratory analysis of gas condensate samples annually. In addition, for each gas condensate sample the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. Provisions for gas condensate sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.5 Soil Analysis

At times, the COUNTY is required to perform laboratory analysis of soil samples in an effort to determine contaminant levels in septic ponds, excavations, and near leachate seeps. Provisions for

soil sampling analytical services are therefore required. At the time of sample delivery, not all parameters may be requested for analysis. Information is listed in Exhibit B of Fee Schedule.

2.1.1.6 Office Water Tank Analysis

At times, the COUNTY is required to perform laboratory analysis of water samples in an effort to determine contaminant levels in the non-potable water used at some of the active sites. A list of the monitoring parameters the COUNTYt *may* be required to analyze water samples for Groundwater Detection Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” Provisions for water sampling analytical services are therefore required. At the time of sample delivery, not all parameters may be requested for analysis. Information is listed in Exhibit B of Fee Schedule

3. Performance Specifications

3.1.1 Time of Performance

The CONTRACTOR shall be able to respond to COUNTY requests for sample container and sample pickups/drop offs in a timely manner. The CONTRACTOR shall transport/ship sample containers to COUNTY’s facilities within 36-hour notice. The CONTRACTOR shall transport/ship samples for CONTRACTOR analysis, within the analytical test method hold times, upon 24-hour notice of sample collection.

Analytical results shall be submitted in a timely manner and consist of all analytical results being reported to the COUNTY per each Chain of Custody event (i.e. all requested analysis on a single Chain of Custody must be sent to the COUNTY at one time under the same cover letter).

3.1.2 Destroyed and/or Lost Samples

The CONTRACTOR shall provide for monetary refunds for the cost of analysis, if procedures are performed in direct violation of instructions by COUNTY, if the CONTRACTOR destroys or loses samples, if the CONTRACTOR does not analyze the samples in a timely manner, meeting the test method holding times, or if quality control testing indicates that there is a problem with the CONTRACTOR’s test methods. Compensation for labor costs associated with the COUNTY’s re-sampling efforts (if required) shall be the responsibility of the CONTRACTOR.

3.1.3 Delayed Reporting of Results

If the analyses are not prepared within the specified timeframe, the CONTRACTOR shall provide the COUNTY with a written explanation as to the circumstances surrounding such delay and/or destruction of samples. This explanation shall be sufficient to provide COUNTY with satisfactory information for inclusion into reports prepared by COUNTY to regulatory agencies.

Failure to submit analytical results in accordance with the time schedule may result in loss of future work. Consistent delays in transmitting analytical results may cause cancellation of purchase order/agreement in accordance with Section 8 (Inspection of Service; Quality Control/Assurance) of the General Conditions in Personal/Professional Services Agreement (PSA), which precedes Appendix A.

4. Billing Requirements

All invoices/billing requests shall be submitted at the end of each month for the preceding month's analytical results. An invoice shall be prepared for each sampling event/Chain of Custody. The invoice/bill request shall include the Site name, sample identification, sample date, number of analyses, unit prices and costs, and CONTRACTOR tracking number. Failure to submit invoices in the format specified may delay payment by the COUNTY.

5. Quality Assurance / Quality Control

Current expectations by the COUNTY include:

- a) All testing procedures shall be completed in accordance with the most recent version listed in the U.S. EPA’s

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846) and/or Standard Methods for the Examination of Water and Wastewater (American Public Health Association, American Water Works Association, and Water Environment Federation).

- b) The CONTRACTOR logbook is to be accessible to the COUNTY during the course of the project.
- c) The analysis of a Matrix Spike/Matrix Spike Duplicate at a frequency of 1 per 20 samples of similar matrix.
- d) The analysis of a CONTRACTOR Control Sample with each extraction batch or 1 per 20 samples.
- e) The analysis of a Method Blank with each extraction batch or 1 per 20 samples.
- f) The analysis of a single control sample (for organics) per batch.
- g) Reporting Limits (RLs) and Method Detection Limits (MDLs) shall be derived and performed by the CONTRACTOR for each analyte, according to the requirements of the test method or the California Department of Public Health, Environmental Laboratory Accreditation Program (ELAP), whichever is more stringent. The CONTRACTOR shall adhere to the RLs and MDLs specified in the CONTRACTOR's proposal, specifically Tables H through L. Samples results less than the RL but greater than the MDL shall be "J" flagged and so noted in the CONTRACTOR report.

All work papers prepared in connection with the contractual services will remain the property of the successful bidder, however all reports rendered to the COUNTY are the exclusive property of the COUNTY and subject to its use and control.

The CONTRACTOR shall submit analytical results to the COUNTY in the formats specified below.

6. Reporting Requirements/Format of Data

6.1.1 Hard Copies

Analytical results shall be certified (a cover letter signed by the CONTRACTOR director stating that the data meets state certification standards). The cover letter should also state what date the digital data was sent via electronic mail.

All data deliverables, with the exception of the raw data requirement, are required to comply with EPA Region IX deliverables, which is equivalent to Exhibit C, Data Deliverables Summary Table. All analytical reports shall be submitted electronically as PDF report, which is formatted easily to read and includes, at a minimum, the following:

6.1.1.1 Case Narrative

Sample Description Summary
Summary of Anomalies or Nonconformance

6.1.1.2 Data Summary

Client Sample ID
CONTRACTOR Sample ID
Site Name
Sample Date
Receipt Date
Extraction Date
Analysis Date
Method Reference
Target Analyte
Sample Results
Data Qualifier(s)
Units
Reporting Limit
Method Detection Limit

RLs and MDLs shall be specified along with the results of the sample analysis.

6.1.1.3 Quality Assurance Summary

Matrix Spike/Matrix Spike Duplicate Summary

Original Sample Amount

Spike Amount

Spike Recovery

Control Limits

Precision and Accuracy

CONTRACTOR Control Spike/Spike Duplicate Summary

Spike Amount

Spike Recovery

Control Limits

Precision and Accuracy

Method Blank Summary

Single Control Sample (Organics only)

All QA/QC data shall be reported, along with the sample results to which it applies, including the method, equipment, and analytical detection limits, the recovery rates, an explanation for any recovery rate that is less than 80 percent (a requirement of the California Regional Water Quality Control Board - Colorado River Region), the results of equipment and method blanks, the results of spiked and surrogate samples, the frequency of quality control analysis, and the name of the person(s) performing the analyses. Sample results shall be reported unadjusted for blank results or spike recovery. The CONTRACTOR shall notify the COUNTY immediately, via telephone, if the sample analysis fails the requisite QA/QC criteria. In cases where contaminants are detected in QA/QC samples (i.e. field, trip, or method blanks), the accompanying sample results shall be appropriately flagged.

6.1.1.4 Chain of Custody Documentation

The report shall include all necessary chain of custody documentation.

6.1.1.5 Additional Parameters

When additional monitoring parameters are reported (either through more advanced analysis techniques or improved equipment) for a monitoring event, the selected CONTRACTOR shall advise the COUNTY in writing as to the revised methodology, the additional parameter, the corresponding CAS number and any other applicable changes.

6.1.1.6 "Unknown Peak" reporting

For the volatile and semi-volatile GC/MS methods, the ten and twenty, respectively, largest non-target analyte peaks whose area count exceeds 10 percent of the nearest internal standard will be termed "Tentatively Identified Compounds" (TICs). The identification of TICs shall be made per SW-846 guidelines. Quantitation shall be an estimation of the concentration using the nearest internal standard as per EPA protocol and assuming a response factor (RF) for TIC of "1". The report shall indicate that the value is an estimate and identify which internal standard was used for the estimation. All costs of identifying or tentatively identifying and quantifying any unknown analytes shall be born by the CONTRACTOR and shall be included in the unit rates proposed by the CONTRACTOR.

6.1.2 Digital (PC Compatible) Copies

In addition to the PDF copies listed above, all data must be submitted in an ASCII Tab Delimited format in the categories/fields and order as shown in Exhibit D. Also, since all of the COUNTY's data will be linked by "CAS numbers," it is imperative that the CONTRACTOR lists ALL parameters with the correct CAS number, as shown on Exhibit B. TICs must have a "Y" in the last column and must have a CAS number listed in the third column, as shown on Exhibit D.

Digital data shall be submitted to the COUNTY, via electronic mail, within the amount of time specified in the CONTRACTOR's proposal after receipt of samples. If the data is not received by the COUNTY within the specified timeframe, provisions for compensation to the COUNTY will be provided for (see section of the Performance Specifications). All digitally transmitted data shall contain the selected CONTRACTOR's State Certification Number and Lab Number in the digital file.

6.1.3 GeoTracker Electronic Deliverable Format (EDF)

In addition to the PDF copies and digital format specified above, all applicable data must be submitted in State Water Resources Control Board GeoTracker Electronic Deliverable Format (EDF). The laboratory shall be solely responsible for uploading all requisite laboratory information to the GeoTracker website, in the format and manner specified by the State Water Sources Control Board and/or local Regional Water Quality Control Board. The bidders shall anticipate that all groundwater, leachate, gas condensate and soil samples analyzed will require an EDF upload to GeoTracker. The COUNTY will specify on the chain of custody whether an EDF submittal is required. Stormwater sample reports will not require an EDF submittal. The laboratory shall notify the COUNTY upon successful upload of EDF submittals. Please refer to the State Water Resources Control Board website if additional information is needed regarding EDF submittals:

http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/

EXHIBIT B – FEE

Groundwater Detection Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonium Nitrogen (NH4-N)	SM4500NH3-D 20th	0.28	0.5	mg/l	7664-41-7	\$ 10.00
Chloride (Cl)	EPA 300.0	0.25	0.5	mg/l	1-00-3	\$ 8.00
Iron (Fe)	EPA 6010B	0.015	0.04	mg/l	7439-89-6	\$ 6.00
Iron II	SM3500Fe+2-D 20th	N/A	0.1	mg/l		\$ 15.00
LAB pH	SM4500H+-B 20th	N/A	0.1	units	1-00-6	\$ 5.00
Nitrate (NO3-N)	EPA 300.0	0.055	0.11	mg/l	25-90-0	\$ 8.00
Phosphate (PO4)	EPA 365.3	0.25	0.5	mg/l	226750-80-0	\$ 15.00
Silicon (Si)	EPA 200.7	0.013	0.05	mg/l	7440-21-3	\$ 6.00
Specific Conductance	SM2510B 20th	N/A	1	umho/cm	1-01-1	\$ 8.00
Strontium (Sr), Total	EPA 200.7	0.005	0.02	mg/l	7440-24-6	\$ 6.00
Sulfate (SO4)	EPA 300.0	0.25	0.5	mg/l	3-03-5	\$ 8.00
Total Organic Carbon (TOC)	SM5310B 20th	0.75	1	mg/l	1-01-2	\$ 20.00
Total Dissolved Solids (TDS)	SM2540C 20th	5	10	mg/l	1-01-0	\$ 7.00
Turbidity	SM2130B 20th	0.04	0.1	NTU	16	\$ 5.00
Diesel						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Hydrocarbons	EPA 8015B	100	500	ug/l		\$ 35.00
EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	EPA 504.1	0.003	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	EPA 504.1	0.004	0.02	ug/l	106-93-4	
Subtotal - EDB and DBCP						\$ 40.00
Dissolved Gases						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ethene	RSK-175	0.00053	0.0028	mg/l	74-82-8	\$ 75.00
Hydrogen Sulfide				mg/l	6/4/7783	\$ 15.00
Methane	RSK-175	1	2	mg/l	74-85-1	\$ 75.00
Fatty Acids						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Acetic Acid	SM5560 Mod	0.15	1	mg/l	64-19-7	
Butyric Acid	SM5560 Mod	0.16	1	mg/l	107-92-6	
Lactic Acid	SM5560 Mod	0.14	1	mg/l	50-21-5	
Propionic Acid	SM5560 Mod	0.17	1	mg/l	79-09-4	
Pyruvic Acid	SM5560 Mod	0.08	1	mg/l	127-17-3	
Subtotal - Fatty Acids						\$ 125.00
Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260B	0.25	5	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260B	0.25	2	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260B	0.25	2	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260B	0.25	2	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260B	0.25	2	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260B	0.25	5	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260B	0.25	2	ug/l	563-58-6	
1,2,3-Trichloropropane	EPA 8260B	0.25	10	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260B	0.25	5	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	95-50-1	
1,2-Dichloroethane	EPA 8260B	0.25	2	ug/l	107-06-2	
1,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260B	0.25	2	ug/l	142-28-9	
1,4-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	106-46-7	

SCHEDULE

Groundwater Detection Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260B	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260B	2.5	10	ug/l	591-78-6	
Acetone	EPA 8260B	4.5	10	ug/l	67-64-1	
Acetonitrile	EPA 8260B	10	20	ug/l	75-05-8	
Acrolein	EPA 8260B	2.5	50	ug/l	107-02-8	
Acrylonitrile	EPA 8260B	1	50	ug/l	107-13-1	
Allyl Chloride	EPA 8260B	0.5	1	ug/l	107-05-1	
Benzene	EPA 8260B	0.25	2	ug/l	71-43-2	
Benzyl Chloride	EPA 8260B	1	2	ug/l	100-44-77	
Bromochloromethane	EPA 8260B	0.25	5	ug/l	74-97-5	
Bromodichloromethane	EPA 8260B	0.25	2	ug/l	75-27-4	
Bromoform	EPA 8260B	0.25	5	ug/l	75-25-2	
Bromomethane	EPA 8260B	0.25	5	ug/l	74-83-9	
Carbon Disulfide	EPA 8260B	0.25	5	ug/l	75-15-0	
Carbon Tetrachloride	EPA 8260B	0.25	5	ug/l	56-23-5	
Chlorobenzene	EPA 8260B	0.25	2	ug/l	108-90-7	
Chloroethane	EPA 8260B	0.25	5	ug/l	75-00-3	
Chloroform	EPA 8260B	0.25	2	ug/l	67-66-3	
Chloromethane	EPA 8260B	0.25	5	ug/l	74-87-3	
Chloroprene	EPA 8260B	0.5	1	ug/l	126-99-8	
cis-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-59-2	
cis-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-01-5	
Dibromochloromethane	EPA 8260B	0.25	2	ug/l	124-48-1	
Dibromomethane	EPA 8260B	0.25	2	ug/l	74-95-3	
Dichlorodifluoromethane	EPA 8260B	0.25	5	ug/l	75-71-8	
Ethyl Methacrylate	EPA 8260B	1	2	ug/l	97-63-2	
Ethylbenzene	EPA 8260B	0.25	2	ug/l	100-41-4	
Iodomethane	EPA 8260B	1	2	ug/l	74-88-4	
Isobutyl Alcohol	EPA 8260B	10	20	ug/l	78-83-1	
Methacrylonitrile	EPA 8260B	1	2	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	EPA 8260B	2.5	10	ug/l	108-10-1	
Methyl Methacrylate	EPA 8260B	1	2	ug/l	80-62-6	
Methylene Chloride	EPA 8260B	0.5	5	ug/l	75-09-2	
Naphthalene	EPA 8260B	0.25	5	ug/l	91-20-3	
Propionitrile	EPA 8260B	10	20	ug/l	107-12-0	
Styrene	EPA 8260B	0.25	2	ug/l	100-42-5	
Tetrachloroethene	EPA 8260B	0.25	2	ug/l	127-18-4	
Toluene	EPA 8260B	0.25	2	ug/l	108-88-3	
Total Xylenes	EPA 8260B	0.5	2	ug/l	1330-20-7	
m-Xylene	EPA 8260B	0.5	2	ug/l	108-38-3	
o-Xylene	EPA 8260B	0.25	2	ug/l	95-47-6	
p-Xylene	EPA 8260B	0.5	2	ug/l	106-42-3	
trans-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-60-5	
trans-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	EPA 8260B	2.5	5	ug/l	110-57-6	
Trichloroethene	EPA 8260B	0.25	2	ug/l	79-01-6	
Trichlorofluoromethane	EPA 8260B	0.25	5	ug/l	75-69-4	
Vinyl Acetate	EPA 8260B	1	5	ug/l	108-05-4	
Vinyl Chloride	EPA 8260B	0.25	5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Region Detection Set Price						\$ 55.00
Semi-Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	8270C	2.5	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	8270C	2.5	10	ug/l	99-35-4	
1,4-Naphthoquinone	8270C	4	10	ug/l	130-15-4	
1-Naphthylamine	8270C	5.5	15	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	8270C	4.5	15	ug/l	58-90-2	
2,4,5-Trichlorophenol	8270C		3	20 ug/l	95-95-4	
2,4,6-Trichlorophenol	8270C	4.5	20	ug/l	88-06-2	
2,4-Dichlorophenol	8270C	3.5	10	ug/l	120-83-2	
2,4-Dimethylphenol	8270C	3.5	20	ug/l	105-67-9	
2,4-Dinitrophenol	8270C	8	20	ug/l	51-28-5	

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Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,4-Dinitrotoluene	8270C	3.5	10	ug/l	121-14-2	
2,6-Dichlorophenol	8270C	6	15	ug/l	87-65-0	
2,6-Dinitrotoluene	8270C	2	10	ug/l	606-20-2	
2-Acetylamino fluorene	8270C	3	10	ug/l	53-96-3	
2-Chloronaphthalene	8270C	3	10	ug/l	91-58-7	
2-Chlorophenol	8270C	3	10	ug/l	95-57-8	
2-Methylnaphthalene	8270C	2	10	ug/l	91-57-6	
2-Naphthylamine	8270C	4	10	ug/l	91-59-8	
2-Nitroaniline	8270C	2	20	ug/l	88-74-4	
2-Nitrophenol	8270C	3.5	10	ug/l	88-75-5	
3,3'-Dichlorobenzidine	8270C		7.5	20 ug/l	91-94-1	
3,3'-Dimethylbenzidine	8270C	7	25	ug/l	119-93-7	
3-Methylcholanthrene	8270C	2.5	10	ug/l	56-49-5	
3-Nitroaniline	8270C	3	20	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	8270C	4	20	ug/l	534-52-1	
4-Aminobiphenyl	8270C	5	15	ug/l	92-67-1	
4-Bromophenyl phenyl ether	8270C	3	10	ug/l	101-55-3	
4-Chloro-3-methylphenol	8270C		2.5	20 ug/l	59-50-7	
4-Chloroaniline	8270C	2	10	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	8270C	2.5	10	ug/l	7005-72-3	
4-Nitroaniline	8270C	4	20	ug/l	100-01-6	
4-Nitrophenol	8270C	5.5	20	ug/l	100-02-7	
5-Nitro-o-toluidine	8270C	3	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	8270C	4	10	ug/l	57-97-6	
Acenaphthene	8270C	3	10	ug/l	83-32-9	
Acenaphthylene	8270C	3	10	ug/l	208-96-8	
Acetophenone	8270C		4	15 ug/l	98-86-2	
Anthracene	8270C	2.5	10	ug/l	120-12-7	
Benzo(a)anthracene	8270C	2.5	10	ug/l	56-55-3	
Benzo(a)pyrene	8270C	3	10	ug/l	50-32-8	
Benzo(b)fluoranthene	8270C	2	10	ug/l	205-99-2	
Benzo(ghi)perylene	8270C	4	10	ug/l	191-24-2	
Benzo(k)fluoranthene	8270C	2.5	10	ug/l	207-08-9	
Benzyl Alcohol	8270C	3.5	20	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	8270C	3	10	ug/l	111-91-1	
Bis(2-chloroethyl) ether	8270C	3	10	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	8270C	2.5	10	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	8270C	4	50	ug/l	117-81-7	
Butyl benzyl Phthalate	8270C	4	20	ug/l	85-68-7	
Chlorobenzilate	8270C	2.5	10	ug/l	510-15-6	
Chrysene	8270C	2.5	10	ug/l	218-01-9	
Diallate	8270C	6	15	ug/l	2303-16-4	
Dibenzof(a,h)anthracene	8270C	3	20	ug/l	53-70-3	
Dibenzofuran	8270C	4	10	ug/l	132-64-9	
Diethyl Phthalate	8270C	3.5	10	ug/l	84-66-2	
Dimethoate	8270C	5.5	15	ug/l	60-51-5	
Dimethyl Phthalate	8270C	2.5	10	ug/l	131-11-3	
Di-n-butyl Phthalate	8270C	3	20	ug/l	84-74-2	
Di-n-octyl Phthalate	8270C	3.5	20	ug/l	117-84-0	
Dinoseb	8270C	2.5	10	ug/l	88-85-7	
Diphenylamine	8270C	3	10	ug/l	122-39-4	
Disulfoton	8270C	4	10	ug/l	298-04-4	
Ethyl Methanesulfonate	8270C	4	10	ug/l	62-50-0	
Famphur	8270C	35	100	ug/l	52-85-7	
Fluoranthene	8270C	3	10	ug/l	206-44-0	
Fluorene	8270C	3	10	ug/l	86-73-7	
Hexachlorobenzene	8270C	3	10	ug/l	118-74-1	
Hexachlorobutadiene	8270C	4	10	ug/l	87-68-3	
Hexachlorocyclopentadiene	8270C	5	20	ug/l	77-47-4	
Hexachloroethane	8270C	3.5	10	ug/l	67-72-1	
Hexachloropropene	8270C	10	25	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	8270C	3.5	20	ug/l	193-39-5	
Isodrin	8270C	3.5	10	ug/l	465-73-6	
Isophorone	8270C	3	10	ug/l	78-59-1	

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Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Isosafrole	8270C	6	15	ug/l	120-58-1	
Kepone	8270C	35	100	ug/l	143-50-0	
m-Cresol	8270C	see p-cresol	see p-cresol	ug/l	108-39-4	
m-Dinitrobenzene	8270C	3.5	50	ug/l	99-65-0	
Methapyrilene	8270C	4	20	ug/l	91-80-5	
Methyl Methanesulfonate	8270C	5	15	ug/l	66-27-3	
Methyl Parathion	8270C	4	10	ug/l	298-00-0	
Nitrobenzene	8270C	3	20	ug/l	98-95-3	
N-Nitrosodiethylamine	8270C	3	10	ug/l	55-18-5	
N-Nitrosodimethylamine	8270C	2.5	20	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	8270C	4.5	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	8270C	3.5	10	ug/l	621-64-7	
N-Nitrosodiphenylamine	8270C	2	10	ug/l	86-30-6	
N-Nitrosomethylethylamine	8270C	2.5	10	ug/l	10595-95-6	
N-Nitrosopiperidine	8270C	4	10	ug/l	100-75-4	
N-Nitrosopyrrolidine	8270C	4	10	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	8270C	4.5	15	ug/l	126-68-1	
O-Cresol	8270C	3	10	ug/l	95-48-7	
O-Toluidine	8270C	2.5	10	ug/l	95-53-4	
p-(Dimethylamino) Azobenzene	8270C	4	10	ug/l	60-11-7	
Parathion (Ethyl)	8270C	2.5	10	ug/l	56-38-2	
p-Cresol	8270C	3	10	ug/l	106-44-5	
Pentachlorobenzene	8270C	3	10	ug/l	608-93-5	
Pentachloronitrobenzene	8270C	2.5	10	ug/l	82-68-8	
Pentachlorophenol	8270C	3.5	20	ug/l	87-86-5	
Phenacetin	8270C	3.5	10	ug/l	62-44-2	
Phenanthrene	8270C	3.5	10	ug/l	85-01-8	
Phenol	8270C	2	10	ug/l	108-95-2	
Phorate	8270C	4	10	ug/l	298-02-2	
p-Phenylenediamine	8270C	25	60	ug/l	106-50-3	
Pronamide	8270C	5	15	ug/l	23950-58-5	
Pyrene	8270C	4	10	ug/l	129-00-0	
Safrole	8270C	4	10	ug/l	94-59-7	
Thionazin	8270C	3	10	ug/l	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Detection Set Price						\$ 135.00

Miscellaneous Constituents*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Color	SM2120B 20th	N/A	1	Color Units		\$ 7.00
Cyanide (CN)	SM4500CN-E 20th	0.017	0.025	mg/l	57-12-5	\$ 20.00
Fluoride (F)	SM4500F-C 20th	0.02	0.1	mg/l	16984-48-8	\$ 8.00
Foaming Agents (MBAS)	SM5540C 20th	0.05	0.1	mg/l		\$ 25.00
Heterotrophic Plate Count	SM9215B 20th	N/A	1	CFU/mL		\$ 15.00
Methyl-tert-butyl ether (MTBE)	EPA 8260B	0.25	1	ug/l	1634-04-4	\$ 55.00
Nitrate (as nitrogen)	EPA 300.0	0.055	0.11	mg/l	14797-65-0	\$ 8.00
Nitrate as NO3	EPA 300.0	0.25	0.5	mg/l	14797-55-8	\$ 8.00
Odor - Thiobencarb	SM2150B 20th	N/A	1	Odor Units		\$ 7.00
Perchlorate	EPA 314.0	0.95	4	mg/l	14797-73-0	\$ 25.00
Total Coliform	SM9223B 20th	N/A	1	MNP/100 mL		\$ 20.00
Total E. Coliform	SM9223B 20th	N/A	1	MNP/100 mL		\$ 20.00
Subtotal - Miscellaneous Constituents						\$ 218.00

*Some parameters may not be required for all sites, however all chain of custodies will include a parameter list.

Groundwater Constituents of Concern Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonium Nitrogen (NH4-N)	SM4500NH3-D 20th	0.28	0.5	mg/l	10	\$ 10.00
Chemical Oxygen Demand (COD)	SM5520D 20th	10	20	mg/l	1-00-4	\$ 20.00
Cyanide (CN)	SM4500CN-E 20th	0.017	0.025	mg/l	5955-70-0	\$ 20.00
Kjeldahl Nitrogen	EPA 351.2	0.1	0.5	mg/l	15	\$ 20.00
LAB pH	SM4500H+B	N/A	0.1	units	1-00-6	\$ 5.00
Organic Nitrogen	Calculation	N/A	1	mg/l	8	\$ 5.00
Phenols	EPA 420.1	0.05	0.1	mg/l	54-30-0	\$ 24.00
Phosphate (PO4)	EPA 365.3	0.06	0.15	mg/l	226750-80-0	\$ 15.00
Specific Conductance	SM2510B 20th	N/A	1	umho/cm	1-01-1	\$ 6.00
Total Dissolved Solids	SM2540C 20th	5	10	mg/l	1-01-0	\$ 7.00
Total Organic Carbon (TOC)	SM5310B 20th	0.75	1	mg/l	1-01-2	\$ 20.00
Total Organic Halogens (TOX)	9020B	0.00077	0.03	mg/l	527650-80-0	\$ 50.00
Total Phosphorus (P)	EPA 6010B	0.02	0.04	mg/l	6791520-80-0	\$ 15.00
Total Sulfide	SM4500S-2-D 20th	0.02	0.05	mg/l	1055-70-0	\$ 10.00
Turbidity	SM2130B 20th	0.04	0.1	NTU	16	\$ 5.00
Subtotal - General Chemistry - Constituents of Concern Set Price						\$ 232.00

Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Aluminum (Al)	SM4500NH3-D 20th	0.28	0.5	mg/l	7429-90-5	\$ 6.00
Antimony (Sb), Total	EPA 6010B	0.007	0.01	mg/l	7440-36-0	\$ 6.00
Arsenic (As), Total	EPA 6010B	0.007	0.01	mg/l	7440-38-2	\$ 6.00
Barium (Ba), Total	EPA 6010B	0.006	0.01	mg/l	7440-39-3	\$ 6.00
Beryllium (Be), Total	EPA 6010B	0.0009	0.004	mg/l	7440-41-7	\$ 6.00
Boron (B)	EPA 6010B	0.02	0.05	mg/l	7440-42-8	\$ 6.00
Cadmium (Cd), Total	EPA 6010B	0.002	0.005	mg/l	7440-43-9	\$ 6.00
Chromium, hexavalent	EPA 218.6	0.005	0.025	mg/l	18540-29-9	\$ 25.00
Chromium, Total (Cr)	EPA 6010B	0.002	0.005	mg/l	7440-47-3	\$ 6.00
Cobalt (Co), Total	EPA 6010B	0.002	0.01	mg/l	7440-48-4	\$ 6.00
Copper (Cu), Total	EPA 6010B	0.003	0.01	mg/l	7440-50-8	\$ 6.00
Iron (Fe), Total	EPA 6010B	0.015	0.04	mg/l	7439-89-6	\$ 6.00
Lead (Pb), Total	EPA 6010B	0.004	0.005	mg/l	7439-92-1	\$ 6.00
Manganese (Mn)	EPA 6010B	0.007	0.02	mg/l	7439-96-5	\$ 6.00
Mercury (Hg), Total	EPA 7470A	0.001	0.002	mg/l	7439-97-6	\$ 15.00
Nickel (Ni), Total	EPA 6010B	0.002	0.01	mg/l	7440-02-0	\$ 6.00
Selenium (Se), Total	EPA 6010B	0.0092	0.01	mg/l	7782-49-2	\$ 6.00
Silicon (Si)	EPA 6010B	0.19	0.5	mg/l	7440-23-6	\$ 6.00
Silver (Ag), Total	EPA 6010B	0.006	0.01	mg/l	7440-22-4	\$ 6.00
Strontium (Sr)	EPA 6010B	0.005	0.02	mg/l	7440-24-6	\$ 6.00
Thallium (Tl), Total	EPA 6010B	0.008	0.01	mg/l	7440-28-0	\$ 6.00
Tin (Sn), Total	EPA 6010B	0.012	0.1	mg/l	7440-31-5	\$ 6.00
Vanadium (V), Total	EPA 6010B	0.003	0.01	mg/l	7440-62-2	\$ 6.00
Zinc (Zn), Total	EPA 6010B	0.009	0.02	mg/l	7440-66-6	\$ 6.00
Subtotal - Metals - Constituents of Concern Set Price						\$ 172.00

Cations						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Calcium (Ca)	EPA 6010B	0.05	0.1	mg/l	7440-70-2	\$ 6.00
Magnesium (Mg)	EPA 6010B	0.012	0.02	mg/l	7439-95-4	\$ 6.00
Potassium (K)	EPA 6010B	0.37	0.5	mg/l	7440-09-7	\$ 6.00
Sodium (Na)	EPA 6010B	0.19	0.5	mg/l	7440-23-5	\$ 6.00
Total Cations	Calculation	N/A	0.1	me/l	13	\$ 5.00
Total Hardness	SM2340B 20th	0.17	0.33	mg/l	35-50-0	\$ 5.00
Subtotal - Cations - Constituents of Concern Set Price						\$ 34.00

Anions						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Bicarbonate (HCO3)	SM2320B 20th	N/A	4.8	mg/l	71-52-3	\$ 3.00

Groundwater Constituents of Concern Monitoring

Carbonate (CO3)	SM2320B 20th	N/A		2.4	mg/l	3812-32-6	\$	3.00	
Chloride (Cl)	EPA 300.0		0.25	0.5	mg/l	1-00-3	\$	6.00	
Fluoride (F)	SM4500F-C 20th	0.02		0.1	mg/l	66-30-0	\$	6.00	
Hydroxide (OH)	SM2320B 20th	N/A		1.4	mg/l	4774237-70-0	\$	3.00	
Nitrate (NO3-N)	EPA 300.0		0.055	0.11	mg/l	25-90-0	\$	6.00	
Sulfate (SO4)	EPA 300.0		0.25	0.5	mg/l	3-03-5	\$	6.00	
Total Alkalinity	SM2320B 20th	N/A		4	mg/l	11	\$	3.00	
Total Anions	Calculation	N/A		0.1	me/l	12	\$	5.00	
Subtotal - Anions - Constituents of Concern Set Price								\$	41.00

EDB and DBCP								
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price		
Dibromochloropropane (DBCP)	EPA 8151	0.003	0.01	ug/l	96-12-8			
Ethylene dibromide (EDB)	EPA 8151	0.004	0.02	ug/l	106-93-4			
Subtotal - EDB and DBCP - Constituents of Concern Set Price							\$	105.00

PCBs								
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price		
PCB-1016	EPA 8082	0.25	1	ug/l	12674-11-2			
PCB-1221	EPA 8082	0.25	1	ug/l	11104-28-2			
PCB-1232	EPA 8082	0.25	1	ug/l	11141-16-5			
PCB-1242	EPA 8082	0.25	1	ug/l	53469-21-9			
PCB-1248	EPA 8082	0.25	1	ug/l	12672-29-6			
PCB-1254	EPA 8082	0.25	1	ug/l	11097-69-1			
PCB-1260	EPA 8082	0.25	1	ug/l	11096-82-5			
Subtotal - PCBs - Constituents of Concern Set Price							\$	50.00

Organochlorine Pesticides								
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price		
4,4'-DDD	EPA 8081A	0.02	0.1	ug/l	72-54-8			
4,4'-DDE	EPA 8081A	0.02	0.1	ug/l	72-55-9			
4,4'-DDT	EPA 8081A	0.02	0.1	ug/l	50-29-3			
Aldrin	EPA 8081A	0.02	0.1	ug/l	309-00-2			
alpha-BHC	EPA 8081A	0.02	0.1	ug/l	319-84-6			
beta-BHC	EPA 8081A	0.03	0.1	ug/l	319-85-7			
Chlordane	EPA 8081A	0.2	1	ug/l	57-74-9			
delta-BHC	EPA 8081A	0.02	0.2	ug/l	319-86-8			
Dieldrin	EPA 8081A	0.02	0.1	ug/l	60-57-1			
Endosulfan sulfate	EPA 8081A	0.02	0.2	ug/l	1031-07-8			
Endosulfan-I	EPA 8081A	0.02	0.1	ug/l	959-98-8			
Endosulfan-II	EPA 8081A	0.02	0.1	ug/l	33213-65-9			
Endrin	EPA 8081A	0.02	0.1	ug/l	72-20-8			
Endrin aldehyde	EPA 8081A	0.02	0.1	ug/l	7421-93-4			
gamma-BHC	EPA 8081A	0.02	0.1	ug/l	58-89-9			
Heptachlor	EPA 8081A	0.03	0.1	ug/l	76-44-8			
Heptachlor epoxide	EPA 8081A	0.03	0.1	ug/l	1024-57-3			
Methoxychlor	EPA 8081A	0.02	0.1	ug/l	72-43-5			
Toxaphene	EPA 8081A	0.5	5	ug/l	8001-35-2			
Subtotal - Organochlorine Pesticides - Constituents of Concern Set Price							\$	50.00

Chlorinated Herbicides								
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price		
2,4,5-T	8151	0.15	1	ug/l	93-76-5			
2,4,5-TP (Silvex)	8151	0.05	1	ug/l	93-72-1			
2,4-D	8151	0.06	10	ug/l	94-75-7			
Subtotal - Chlorinated Herbicides - Constituents of Concern Set Price							\$	70.00

Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260B	0.25	5	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260B	0.25	2	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260B	0.25	2	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260B	0.25	2	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260B	0.25	2	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260B	0.25	5	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260B	0.25	2	ug/l	563-58-6	
1,2,3-Trichloropropane	EPA 8260B	0.25	10	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260B	0.25	5	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	95-50-1	
1,2-Dichloroethane	EPA 8260B	0.25	2	ug/l	107-08-2	
1,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260B	0.25	2	ug/l	142-28-9	
1,4-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	106-46-7	
2,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260B	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260B	2.5	10	ug/l	591-78-6	
Acetone	EPA 8260B	4.5	10	ug/l	67-64-1	
Acetonitrile	EPA 8260B	10	20	ug/l	75-05-8	
Acrolein	EPA 8260B	2.5	50	ug/l	107-02-8	
Acrylonitrile	EPA 8260B	1	50	ug/l	107-13-1	
Allyl Chloride	EPA 8260B	0.5	1	ug/l	107-05-1	
Benzene	EPA 8260B	0.25	2	ug/l	71-43-2	
Benzyl Chloride	EPA 8260B	1	2	ug/l	100-44-7	
Bromochloromethane	EPA 8260B	0.25	5	ug/l	74-97-5	
Bromodichloromethane	EPA 8260B	0.25	2	ug/l	75-27-4	
Bromoform	EPA 8260B	0.25	5	ug/l	75-25-2	
Bromomethane	EPA 8260B	0.25	5	ug/l	74-83-9	
Carbon Disulfide	EPA 8260B	0.25	5	ug/l	75-15-0	
Carbon Tetrachloride	EPA 8260B	0.25	5	ug/l	56-23-5	
Chlorobenzene	EPA 8260B	0.25	2	ug/l	108-90-7	
Chloroethane	EPA 8260B	0.25	5	ug/l	75-00-3	
Chloroform	EPA 8260B	0.25	2	ug/l	67-66-3	
Chloromethane	EPA 8260B	0.25	5	ug/l	74-87-3	
Chloroprene	EPA 8260B	0.5	1	ug/l	126-99-8	
cis-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-59-2	
cis-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-01-5	
Dibromochloromethane	EPA 8260B	0.25	2	ug/l	124-48-1	
Dibromomethane	EPA 8260B	0.25	2	ug/l	74-95-3	
Dichlorodifluoromethane	EPA 8260B	0.25	5	ug/l	75-71-8	
Diethyl Ether	EPA 8260B	1	1	ug/l	60-29-7	
Ethyl Methacrylate	EPA 8260B	1	2	ug/l	97-63-2	
Ethylbenzene	EPA 8260B	0.25	2	ug/l	100-41-4	
Iodomethane	EPA 8260B	1	2	ug/l	74-88-4	
Isobutyl Alcohol	EPA 8260B	10	20	ug/l	78-83-1	
Methacrylonitrile	EPA 8260B	1	2	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	EPA 8260B	2.5	10	ug/l	108-10-1	
Methyl Methacrylate	EPA 8260B	1	2	ug/l	80-62-6	
Methylene Chloride	EPA 8260B	0.5	5	ug/l	75-09-2	
Naphthalene	EPA 8260B	0.25	5	ug/l	91-20-3	
Propionitrile	EPA 8260B	10	20	ug/l	107-12-0	
Styrene	EPA 8260B	0.25	2	ug/l	100-42-5	
Tetrachloroethene	EPA 8260B	0.25	2	ug/l	127-18-4	
Tetrahydrofuran	EPA 8260B	5	10	ug/l	109-99-9	
Toluene	EPA 8260B	0.25	2	ug/l	108-88-3	
Total Xylenes	EPA 8260B	0.5	2	ug/l	1330-20-7	
m-Xylene	EPA 8260B	0.5	2	ug/l	108-38-3	
o-Xylene	EPA 8260B	0.25	2	ug/l	95-47-6	
p-Xylene	EPA 8260B	0.5	2	ug/l	106-42-3	
trans-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-60-5	
trans-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	EPA 8260B	2.5	5	ug/l	110-57-6	
Trichloroethene	EPA 8260B	0.25	2	ug/l	79-01-6	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Trichlorofluoromethane	EPA 8260B	0.25	5	ug/l	75-69-4	
Vinyl Acetate	EPA 8260B	1	5	ug/l	108-05-4	
Vinyl Chloride	EPA 8260B	0.25	5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Constituents of Concern Set Price						\$ 55.00

Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	EPA 8270C	2.5	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	EPA 8270C	2.5	10	ug/l	99-35-4	
1,4-Naphthoquinone	EPA 8270C	4	10	ug/l	130-15-4	
1-Naphthylamine	EPA 8270C	5.5	15	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	EPA 8270C	4.5	15	ug/l	58-90-2	
2,4,5-Trichlorophenol	EPA 8270C		3 20	ug/l	95-95-4	
2,4,6-Trichlorophenol	EPA 8270C	4.5	20	ug/l	88-06-2	
2,4-Dichlorophenol	EPA 8270C	3.5	10	ug/l	120-83-2	
2,4-Dimethylphenol	EPA 8270C	3.5	20	ug/l	105-67-9	
2,4-Dinitrophenol	EPA 8270C	8	20	ug/l	51-28-5	
2,4-Dinitrotoluene	EPA 8270C	3.5	10	ug/l	121-14-2	
2,6-Dichlorophenol	EPA 8270C	6	15	ug/l	87-65-0	
2,6-Dinitrotoluene	EPA 8270C	2	10	ug/l	606-20-2	
2-Acetylamino fluorene	EPA 8270C	3	10	ug/l	53-96-3	
2-Chloronaphthalene	EPA 8270C	3	10	ug/l	91-58-7	
2-Chlorophenol	EPA 8270C	3	10	ug/l	95-57-8	
2-Methylnaphthalene	EPA 8270C	2	10	ug/l	91-57-6	
2-Naphthylamine	EPA 8270C	4	10	ug/l	91-59-8	
2-Nitroaniline	EPA 8270C	2	20	ug/l	88-74-4	
2-Nitrophenol	EPA 8270C	3.5	10	ug/l	88-75-5	
3,3'-Dichlorobenzidine	EPA 8270C		7.5 20	ug/l	91-94-1	
3,3'-Dimethylbenzidine	EPA 8270C	7	25	ug/l	119-93-7	
3-Methylcholanthrene	EPA 8270C	2.5	10	ug/l	56-49-5	
3-Nitroaniline	EPA 8270C	3	20	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	EPA 8270C	4	20	ug/l	534-62-1	
4-Aminobiphenyl	EPA 8270C	5	15	ug/l	92-67-1	
4-Bromophenyl phenyl ether	EPA 8270C	3	10	ug/l	101-55-3	
4-Chloro-3-methylphenol	EPA 8270C		2.5 20	ug/l	59-50-7	
4-Chloroaniline	EPA 8270C	2	10	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	EPA 8270C	2.5	10	ug/l	7005-72-3	
4-Nitroaniline	EPA 8270C	4	20	ug/l	100-01-6	
4-Nitrophenol	EPA 8270C	5.5	20	ug/l	100-02-7	
5-Nitro-o-toluidine	EPA 8270C	3	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	EPA 8270C	4	10	ug/l	57-97-6	
Acenaphthene	EPA 8270C	3	10	ug/l	83-32-9	
Acenaphthylene	EPA 8270C	3	10	ug/l	208-96-8	
Acetophenone	EPA 8270C		4 15	ug/l	98-86-2	
Anthracene	EPA 8270C	2.5	10	ug/l	120-12-7	
Benzo(a)anthracene	EPA 8270C	2.5	10	ug/l	56-55-3	
Benzo(a)pyrene	EPA 8270C	3	10	ug/l	50-32-8	
Benzo(b)fluoranthene	EPA 8270C	2	10	ug/l	205-99-2	
Benzo(ghi)perylene	EPA 8270C	4	10	ug/l	191-24-2	
Benzo(k)fluoranthene	EPA 8270C	2.5	10	ug/l	207-08-9	
Benzyl Alcohol	EPA 8270C	3.5	20	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	EPA 8270C	3	10	ug/l	111-91-1	
Bis(2-chloroethyl) ether	EPA 8270C	3	10	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	EPA 8270C	2.5	10	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	EPA 8270C	4	50	ug/l	117-81-7	
Butyl benzyl Phthalate	EPA 8270C	4	20	ug/l	85-68-7	
Chlorobenzilate	EPA 8270C	2.5	10	ug/l	510-15-6	
Chrysene	EPA 8270C	2.5	10	ug/l	218-01-9	
Diallate	EPA 8270C	6	15	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	EPA 8270C	3	20	ug/l	53-70-3	
Dibenzofuran	EPA 8270C	4	10	ug/l	132-64-9	
Diethyl Phthalate	EPA 8270C	3.5	10	ug/l	84-66-2	
Dimethoate	EPA 8270C	5.5	15	ug/l	60-51-5	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dimethyl Phthalate	EPA 8270C	2.5	10	ug/l	131-11-3	
Di-n-butyl Phthalate	EPA 8270C	3	20	ug/l	84-74-2	
Di-n-octyl Phthalate	EPA 8270C	3.5	20	ug/l	117-84-0	
Dinoseb	EPA 8270C	2.5	10	ug/l	88-85-7	
Diphenylamine	EPA 8270C	3	10	ug/l	122-39-4	
Disulfoton	EPA 8270C	4	10	ug/l	298-04-4	
Ethyl Methanesulfonate	EPA 8270C	4	10	ug/l	62-50-0	
Famphur	EPA 8270C	35	100	ug/l	52-85-7	
Fluoranthene	EPA 8270C	3	10	ug/l	206-44-0	
Fluorene	EPA 8270C	3	10	ug/l	86-73-7	
Hexachlorobenzene	EPA 8270C	3	10	ug/l	118-74-1	
Hexachlorobutadiene	EPA 8270C	4	10	ug/l	87-68-3	
Hexachlorocyclopentadiene	EPA 8270C	5	20	ug/l	77-47-4	
Hexachloroethane	EPA 8270C	3.5	10	ug/l	67-72-1	
Hexachloropropene	EPA 8270C	10	25	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	EPA 8270C	3.5	20	ug/l	193-39-5	
Isodrin	EPA 8270C	3.5	10	ug/l	465-73-6	
Isophorone	EPA 8270C	3	10	ug/l	78-59-1	
Isosafrole	EPA 8270C	6	15	ug/l	120-58-1	
Kepon	EPA 8270C	35	100	ug/l	143-50-0	
m-Cresol	EPA 8270C	see p-cresol	see p-cresol	ug/l	108-39-4	
m-Dinitrobenzene	EPA 8270C	3.5	50	ug/l	99-65-0	
Methapyrilene	EPA 8270C	4	20	ug/l	91-80-5	
Methyl Methanesulfonate	EPA 8270C	5	15	ug/l	66-27-3	
Methyl Parathion	EPA 8270C	4	10	ug/l	298-00-0	
Nitrobenzene	EPA 8270C	3	20	ug/l	98-95-3	
N-Nitrosodiethylamine	EPA 8270C	3	10	ug/l	55-18-5	
N-Nitrosodimethylamine	EPA 8270C	2.5	20	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	EPA 8270C	4.5	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	EPA 8270C	3.5	10	ug/l	621-64-7	
N-Nitrosodiphenylamine	EPA 8270C	2	10	ug/l	86-30-6	
N-Nitrosomethylethylamine	EPA 8270C	2.5	10	ug/l	10595-95-6	
N-Nitrosopiperidine	EPA 8270C	4	10	ug/l	100-75-4	
N-Nitrosopyrrolidine	EPA 8270C	4	10	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	EPA 8270C	4.5	15	ug/l	126-68-1	
O-Cresol	EPA 8270C	3	10	ug/l	95-48-7	
O-Toluidine	EPA 8270C	2.5	10	ug/l	95-53-4	
p-(Dimethylamino) Azobenzene	EPA 8270C	4	10	ug/l	60-11-7	
Parathion (Ethyl)	EPA 8270C	2.5	10	ug/l	56-38-2	
p-Cresol	EPA 8270C	3	10	ug/l	106-44-5	
Pentachlorobenzene	EPA 8270C	3	10	ug/l	608-93-5	
Pentachloronitrobenzene	EPA 8270C	2.5	10	ug/l	82-68-8	
Pentachlorophenol	EPA 8270C	3.5	20	ug/l	87-86-5	
Phenacetin	EPA 8270C	3.5	10	ug/l	62-44-2	
Phenanthrene	EPA 8270C	3.5	10	ug/l	85-01-8	
Phenol	EPA 8270C	2	10	ug/l	108-95-2	
Phorate	EPA 8270C	4	10	ug/l	298-02-2	
p-Phenylenediamine	EPA 8270C	25	60	ug/l	106-50-3	
Pronamide	EPA 8270C	5	15	ug/l	23950-58-5	
Pyrene	EPA 8270C	4	10	ug/l	129-00-0	
Safrole	EPA 8270C	4	10	ug/l	94-59-7	
Thionazin	EPA 8270C	3	10	ug/l	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Constituents of Concern Set Price						\$ 135.00
Total Groundwater Constituents of Concern Set Price						\$ 944.00

Stormwater Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonia (as N)	SM4500NH3-D 20th	0.28	0.5	mg/l	7864-41-7	\$ 10.00
BOD (Biochemical Oxygen Demand)	SM5210B 20th	N/A	2	mg/l	23	\$ 20.00
LAB pH	SM4500H+B	N/A	0.1	units	1-00-6	\$ 5.00
Oil & Grease	EPA 1664A		1.5	5 mg/l	ENV-630-310	\$ 35.00
Specific Conductance	SM2510B 20th	N/A		1 umho/cm	1-01-1	\$ 8.00
Total Suspended Solids (TSS)	SM2540D 20th		5	10 mg/l	ENV-710-009	\$ 8.00
Subtotal - General Chemistry - Stormwater Price						\$ 88.00
Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Arsenic (As), Total	EPA 6010B	0.007	0.01	mg/l	7440-38-2	\$ 5.00
Barium (Ba), Total	EPA 6010B	0.006	0.01	mg/l	7440-39-3	\$ 5.00
Beryllium (Be), Total	EPA 6010B	0.0009	0.004	mg/l	7440-41-7	\$ 5.00
Cadmium (Cd), Total	EPA 6010B	0.002	0.005	mg/l	7440-43-9	\$ 5.00
Chromium (Cr) Total	EPA 6010B	0.002	0.005	mg/l	7440-47-3	\$ 5.00
Cobalt (Co), Total	EPA 6010B	0.002	0.01	mg/l	7440-48-4	\$ 5.00
Copper (Cu), Total	EPA 6010B	0.003	0.01	mg/l	7440-50-8	\$ 5.00
Iron (Fe)	EPA 6010B	0.015	0.04	mg/l	7439-89-6	\$ 5.00
Lead (Pb), Total	EPA 6010B	0.004	0.005	mg/l	7439-92-1	\$ 5.00
Manganese (Mn)	EPA 6010B		0.02	mg/l	7439-96-5	\$ 5.00
Mercury (Hg), Total	EPA 7470A	0.001	0.002	mg/l	7439-97-6	\$ 15.00
Molybdenum (Mo)	EPA 6010B	0.002	0.02	mg/l	7439-98-7	\$ 5.00
Nickel (Ni), Total	EPA 6010B	0.002	0.01	mg/l	7440-02-0	\$ 5.00
Selenium (Se), Total	EPA 6010B	0.0092	0.01	mg/l	7782-49-2	\$ 5.00
Silver (Ag), Total	EPA 6010B	0.006	0.01	mg/l	7440-22-4	\$ 5.00
Thallium (Tl), Total	EPA 6010B	0.008	0.01	mg/l	7440-28-0	\$ 5.00
Vanadium (V), Total	EPA 6010B	0.003	0.01	mg/l	7440-62-2	\$ 5.00
Zinc, Total (Zn)	EPA 6010B	0.009	0.02	mg/l	7440-66-6	\$ 5.00
Subtotal - Metals - Stormwater Price						\$ 100.00
Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260B	0.25	5	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260B	0.25	2	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260B	0.25	2	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260B	0.25	2	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260B	0.25	2	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260B	0.25	5	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260B	0.25	2	ug/l	563-58-6	
1,2,3-Trichloropropane	EPA 8260B	0.25	10	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260B	0.25	5	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	95-50-1	
1,2-Dichloroethane	EPA 8260B	0.25	2	ug/l	107-06-2	
1,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260B	0.25	2	ug/l	142-28-9	
1,4-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	106-46-7	
2,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260B	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260B	2.5	10	ug/l	591-78-6	
Acetone	EPA 8260B	4.5	10	ug/l	67-64-1	
Acetonitrile	EPA 8260B	10	20	ug/l	75-05-8	
Acrolein	EPA 8260B	2.5	50	ug/l	107-02-8	
Acrylonitrile	EPA 8260B	1	50	ug/l	107-13-1	
Allyl Chloride	EPA 8260B	0.5	1	ug/l	107-05-1	

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Benzene	EPA 8260B	0.25	2	ug/l	71-43-2	
Benzyl Chloride	EPA 8260B	1	2	ug/l	100-44-77	
Bromochloromethane	EPA 8260B	0.25	5	ug/l	74-97-5	
Bromodichloromethane	EPA 8260B	0.25	2	ug/l	75-27-4	
Bromoform	EPA 8260B	0.25	5	ug/l	75-25-2	
Bromomethane	EPA 8260B	0.25	5	ug/l	74-83-9	
Carbon Disulfide	EPA 8260B	0.25	5	ug/l	75-15-0	
Carbon Tetrachloride	EPA 8260B	0.25	5	ug/l	56-23-5	
Chlorobenzene	EPA 8260B	0.25	2	ug/l	108-90-7	
Chloroethane	EPA 8260B	0.25	5	ug/l	75-00-3	
Chloroform	EPA 8260B	0.25	2	ug/l	67-66-3	
Chloromethane	EPA 8260B	0.25	5	ug/l	74-87-3	
Chloroprene	EPA 8260B	0.5	1	ug/l	126-99-8	
cis-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-59-2	
cis-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-01-5	
Dibromochloromethane	EPA 8260B	0.25	2	ug/l	124-48-1	
Dibromomethane	EPA 8260B	0.25	2	ug/l	74-95-3	
Dichlorodifluoromethane	EPA 8260B	0.25	5	ug/l	75-71-8	
Ethyl Methacrylate	EPA 8260B	1	2	ug/l	97-63-2	
Ethylbenzene	EPA 8260B	0.25	2	ug/l	100-41-4	
Iodomethane	EPA 8260B	1	2	ug/l	74-88-4	
Isobutyl Alcohol	EPA 8260B	10	20	ug/l	78-83-1	
Methacrylonitrile	EPA 8260B	1	2	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	EPA 8260B	2.5	10	ug/l	108-10-1	
Methyl Methacrylate	EPA 8260B	1	2	ug/l	80-62-6	
Methylene Chloride	EPA 8260B	0.5	5	ug/l	75-09-2	
Naphthalene	EPA 8260B	0.25	5	ug/l	91-20-3	
Propionitrile	EPA 8260B	10	20	ug/l	107-12-0	
Styrene	EPA 8260B	0.25	2	ug/l	100-42-5	
Toluene	EPA 8260B	0.25	2	ug/l	108-88-3	
Total Xylenes	EPA 8260B	0.5	2	ug/l	1330-20-7	
m-Xylene	EPA 8260B	0.5	2	ug/l	108-38-3	
o-Xylene	EPA 8260B	0.25	2	ug/l	95-47-6	
p-Xylene	EPA 8260B	0.5	2	ug/l	106-42-3	
trans-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-60-5	
trans-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	EPA 8260B	2.5	5	ug/l	110-57-6	
Trichloroethene	EPA 8260B	0.25	2	ug/l	79-01-6	
Trichlorofluoromethane	EPA 8260B	0.25	5	ug/l	75-69-4	
Vinyl Acetate	EPA 8260B	1	5	ug/l	108-05-4	
Vinyl Chloride	EPA 8260B	0.25	5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Stormwater Price						\$ 55.00
Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Alpha Terpineol				ug/l	98-55-5	
Benzoic Acid	EPA 8270C	10	20	ug/l	65-85-0	
m-Cresol	EPA 8270C	see p-cresol	see p-cresol	ug/l	108-39-4	
p-Cresol	EPA 8270C	3	10	ug/l	106-44-5	
Phenol	EPA 8270C	2	10	ug/l	108-95-2	
Subtotal - Semi-Volatile Organic Compounds - Stormwater Price						\$ 135.00

Leachate and Gas Condensate Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Chemical Oxygen Demand (COD)	SM5520D 20th	10	20	mg/l	1-00-4	\$ 20.00
Cyanide (CN)	SM4500CN-E 20th	0.017	0.025	mg/l	5955-70-0	\$ 20.00
LAB pH	SM4500H+B 20th	N/A	0.1	units	1-00-6	\$ 5.00
Phenols	EPA 420.1	0.05	0.1	mg/l	54-30-0	\$ 24.00
Phosphate (PO4)	EPA 365.3	0.06	0.15	mg/l	226750-80-0	\$ 15.00
Specific Conductance	SM2510B 20th	N/A		umho/c		
				1 m	1-01-1	\$ 6.00
Total Dissolved Solids	SM2540C 20th		5	10 mg/l	1-01-0	\$ 7.00
Total Organic Carbon (TOC)	SM5310B 20th	0.75		1 mg/l	1-01-2	\$ 20.00
Total Organic Halogens (TOX)				mg/l	527650-80-0	\$ 70.00
Total Phosphorus (P)	EPA 6010B	0.02	0.04	mg/l	6791520-80-0	\$ 15.00
Total Sulfide	SM4500S-2-D 20th	0.02	0.05	mg/l	1055-70-0	\$ 10.00
Subtotal - General Chemistry - Leachate & Gas Condensate Price						\$ 212.00
Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Antimony (Sb), Total	EPA 6010B	0.007	0.01	mg/l	7440-36-0	\$ 5.00
Arsenic (As), Total	EPA 6010B	0.007	0.01	mg/l	7440-38-2	\$ 5.00
Barium (Ba), Total	EPA 6010B	0.006	0.01	mg/l	7440-39-3	\$ 5.00
Beryllium (Be), Total	EPA 6010B	0.0009	0.004	mg/l	7440-41-7	\$ 5.00
Boron (B)	EPA 6010B	0.02	0.05	mg/l	7440-42-8	\$ 5.00
Cadmium (Cd), Total	EPA 6010B	0.002	0.005	mg/l	7440-43-9	\$ 5.00
Chromium, hexavalent	EPA 218.6	0.005	0.025	mg/l	18540-29-9	\$ 25.00
Chromium, Total (Cr)	EPA 6010B	0.002	0.005	mg/l	7440-47-3	\$ 5.00
Cobalt (Co), Total	EPA 6010B	0.002	0.01	mg/l	7440-48-4	\$ 5.00
Copper (Cu), Total	EPA 6010B	0.003	0.01	mg/l	7440-50-8	\$ 5.00
Iron (Fe)	EPA 6010B	0.015	0.04	mg/l	7439-89-6	\$ 5.00
Lead (Pb), Total	EPA 6010B	0.004	0.005	mg/l	7439-92-1	\$ 5.00
Manganese (Mn)	EPA 6010B	0.007	0.02	mg/l	7439-96-5	\$ 5.00
Mercury (Hg), Total	EPA 7470A	0.001	0.002	mg/l	7439-97-6	\$ 15.00
Nickel (Ni)	EPA 6010B	0.002	0.01	mg/l	7440-02-0	\$ 5.00
Selenium (Se), Total	EPA 6010B	0.0092	0.01	mg/l	7782-49-2	\$ 5.00
Silver (Ag), Total	EPA 6010B	0.006	0.01	mg/l	7440-22-4	\$ 5.00
Thallium (Tl), Total	EPA 6010B	0.008	0.01	mg/l	7440-28-0	\$ 5.00
Tin (Sn), Total	EPA 6010B	0.012	0.1	mg/l	7440-31-5	\$ 5.00
Vanadium (V), Total	EPA 6010B	0.003	0.01	mg/l	7440-62-2	\$ 5.00
Zinc, Total (Zn)	EPA 6010B	0.009	0.02	mg/l	7440-66-6	\$ 5.00
Subtotal - Metals - Leachate & Gas Condensate Price						\$ 135.00
Cations						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Calcium (Ca)	EPA 6010B	0.05	0.1	mg/l	7440-70-2	\$ 5.00
Magnesium (Mg)	EPA 6010B	0.012	0.02	mg/l	7439-95-4	\$ 5.00
Potassium (K)	EPA 6010B	0.37	0.5	mg/l	7440-09-7	\$ 5.00
Sodium (Na)	EPA 6010B	0.19	0.5	mg/l	7440-23-5	\$ 5.00
Total Cations	Calculation	N/A	0.1	me/l	13	\$ 5.00
Total Hardness	SM2340B	0.17	0.33	mg/l	35-50-0	\$ 5.00
Subtotal - Cations - Leachate & Gas Condensate Price						\$ 30.00

Leachate and Gas Condensate Monitoring

Anions						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Bicarbonate (HCO3)	SM2320B 20th	N/A	4.8	mg/l	71-52-3	\$ 3.00
Carbonate (CO3)	SM2320B 20th	N/A	2.4	mg/l	3812-32-6	\$ 3.00
Chloride (Cl)	EPA 300.0	0.25	0.5	mg/l	1-00-3	\$ 6.00
Fluoride (F)	SM4500F-C 20th	0.02	0.1	mg/l	66-30-0	\$ 6.00
Hydroxide (OH)	SM2320B 20th	N/A	1.4	mg/l	4774237-70-0	\$ 3.00
Nitrate (NO3-N)	EPA 300.0	0.055	0.11	mg/l	25-90-0	\$ 6.00
Sulfate (SO4)	EPA 300.0	0.25	0.5	mg/l	3-03-5	\$ 6.00
Total Alkalinity	SM2320B 20th	N/A	4	mg/l	11	\$ 3.00
Total Anions	Calculation	N/A	0.1	me/l	12	\$ 5.00
Subtotal - Anions - Leachate & Gas Condensate Price						\$ 41.00
EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	EPA 504.1	0.003	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	EPA 504.1	0.004	0.02	ug/l	106-93-4	
Subtotal - EDB and DBCP - Leachate & Gas Condensate Price						\$ 40.00
PCBs						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
PCB-1016	EPA 8082	0.25	1	ug/l	12674-11-2	
PCB-1221	EPA 8082	0.25	1	ug/l	11104-28-2	
PCB-1232	EPA 8082	0.25	1	ug/l	11141-16-5	
PCB-1242	EPA 8082	0.25	1	ug/l	53469-21-9	
PCB-1248	EPA 8082	0.25	1	ug/l	12672-29-6	
PCB-1254	EPA 8082	0.25	1	ug/l	11097-60-1	
PCB-1260	EPA 8082	0.25	1	ug/l	11096-82-5	
Subtotal - PCBs - Leachate & Gas Condensate Price						\$ 50.00
Organochlorine Pesticides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
4,4'-DDD	EPA 8081A	0.02	0.1	ug/l	72-54-8	
4,4'-DDE	EPA 8081A	0.02	0.1	ug/l	72-55-9	
4,4'-DDT	EPA 8081A	0.02	0.1	ug/l	50-29-3	
Aldrin	EPA 8081A	0.02	0.1	ug/l	309-00-2	
alpha-BHC	EPA 8081A	0.02	0.1	ug/l	319-84-6	
beta-BHC	EPA 8081A	0.03	0.1	ug/l	319-85-7	
Chlordane	EPA 8081A	0.2	1	ug/l	57-74-9	
delta-BHC	EPA 8081A	0.02	0.2	ug/l	319-86-8	
Dieldrin	EPA 8081A	0.02	0.1	ug/l	60-57-1	
Endosulfan sulfate	EPA 8081A	0.02	0.2	ug/l	1031-07-8	
Endosulfan-I	EPA 8081A	0.02	0.1	ug/l	959-98-8	
Endosulfan-II	EPA 8081A	0.02	0.1	ug/l	33213-65-9	
Endrin	EPA 8081A	0.02	0.1	ug/l	72-20-8	
Endrin aldehyde	EPA 8081A	0.02	0.1	ug/l	7421-93-4	
gamma-BHC	EPA 8081A	0.02	0.1	ug/l	58-89-9	
Heptachlor	EPA 8081A	0.03	0.1	ug/l	76-44-8	
Heptachlor epoxide	EPA 8081A	0.03	0.1	ug/l	1024-57-3	
Methoxychlor	EPA 8081A	0.02	0.1	ug/l	72-43-5	
Toxaphene	EPA 8081A	0.5	5	ug/l	8001-35-2	
Subtotal - Organochlorine Pesticides - Leachate & Gas Condensate Price						\$ 50.00
Chlorinated Herbicides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,4,5-T	8151A	0.19	1	ug/l	93-76-5	
2,4,5-TP (Silvex)	8151A	0.17	1	ug/l	93-72-1	
2,4-D	8151A	0.21	4	ug/l	94-75-7	
Subtotal - Chlorinated Herbicides - Leachate & Gas Condensate Price						\$ 105.00

Leachate and Gas Condensate Monitoring

Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	EPA 8260B	0.25	5	ug/l	630-20-6	
1,1,1-Trichloroethane	EPA 8260B	0.25	2	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	EPA 8260B	0.25	2	ug/l	79-34-5	
1,1,2-Trichloroethane	EPA 8260B	0.25	2	ug/l	79-00-5	
1,1-Dichloroethane	EPA 8260B	0.25	2	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260B	0.25	5	ug/l	75-35-4	
1,1-Dichloropropene	EPA 8260B	0.25	2	ug/l	563-58-6	
1,2,3-Trichloropropane	EPA 8260B	0.25	10	ug/l	96-18-4	
1,2,4-Trichlorobenzene	EPA 8260B	0.25	5	ug/l	120-82-1	
1,2-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	95-50-1	
1,2-Dichloroethane	EPA 8260B	0.25	2	ug/l	107-06-2	
1,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	78-87-5	
1,3-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	541-73-1	
1,3-Dichloropropane	EPA 8260B	0.25	2	ug/l	142-28-9	
1,4-Dichlorobenzene	EPA 8260B	0.25	2	ug/l	106-46-7	
2,2-Dichloropropane	EPA 8260B	0.25	2	ug/l	594-20-7	
2-Butanone (MEK)	EPA 8260B	2.5	10	ug/l	78-93-3	
2-Hexanone	EPA 8260B	2.5	10	ug/l	591-78-6	
Acetone	EPA 8260B	4.5	10	ug/l	67-64-1	
Acetonitrile	EPA 8260B	10	20	ug/l	75-05-8	
Acrolein	EPA 8260B	2.5	50	ug/l	107-02-8	
Acrylonitrile	EPA 8260B	1	50	ug/l	107-13-1	
Allyl Chloride	EPA 8260B	0.5	1	ug/l	107-05-1	
Benzene	EPA 8260B	0.25	2	ug/l	71-43-2	
Bromochloromethane	EPA 8260B	0.25	5	ug/l	74-97-5	
Bromodichloromethane	EPA 8260B	0.25	2	ug/l	75-27-4	
Bromoform	EPA 8260B	0.25	5	ug/l	75-25-2	
Bromomethane	EPA 8260B	0.25	5	ug/l	74-83-9	
Carbon Disulfide	EPA 8260B	0.25	5	ug/l	75-15-0	
Carbon Tetrachloride	EPA 8260B	0.25	5	ug/l	56-23-5	
Chlorobenzene	EPA 8260B	0.25	2	ug/l	108-90-7	
Chloroethane	EPA 8260B	0.25	5	ug/l	75-00-3	
Chloroform	EPA 8260B	0.25	2	ug/l	67-66-3	
Chloromethane	EPA 8260B	0.25	5	ug/l	74-87-3	
Chloroprene	EPA 8260B	0.5	1	ug/l	126-99-8	
cis-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-59-2	
cis-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-01-5	
Dibromochloromethane	EPA 8260B	0.25	2	ug/l	124-48-1	
Dibromomethane	EPA 8260B	0.25	2	ug/l	74-95-3	
Dichlorodifluoromethane	EPA 8260B	0.25	5	ug/l	75-71-8	
Ethyl Methacrylate	EPA 8260B	1	2	ug/l	97-63-2	
Ethylbenzene	EPA 8260B	0.25	2	ug/l	100-41-4	
Iodomethane	EPA 8260B	1	2	ug/l	74-88-4	
Isobutyl Alcohol	EPA 8260B	10	20	ug/l	78-83-1	
Methacrylonitrile	EPA 8260B	1	2	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	EPA 8260B	2.5	10	ug/l	108-10-1	
Methyl Methacrylate	EPA 8260B	1	2	ug/l	80-62-6	
Methylene Chloride	EPA 8260B	0.5	5	ug/l	75-09-2	
Naphthalene	EPA 8260B	0.25	5	ug/l	91-20-3	
Propionitrile	EPA 8260B	10	20	ug/l	107-12-0	
Styrene	EPA 8260B	0.25	2	ug/l	100-42-5	
Tetrachloroethene	EPA 8260B	0.25	2	ug/l	127-18-4	
Toluene	EPA 8260B	0.25	2	ug/l	108-88-3	
Total Xylenes	EPA 8260B	0.5	2	ug/l	1330-20-7	
m-Xylene	EPA 8260B	0.5	2	ug/l	108-38-3	
o-Xylene	EPA 8260B	0.25	2	ug/l	95-47-6	
p-Xylene	EPA 8260B	0.5	2	ug/l	106-42-3	
trans-1,2-Dichloroethene	EPA 8260B	0.25	2	ug/l	156-60-5	
trans-1,3-Dichloropropene	EPA 8260B	0.25	2	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	EPA 8260B	2.5	5	ug/l	110-57-6	
Trichloroethene	EPA 8260B	0.25	2	ug/l	79-01-6	
Trichlorofluoromethane	EPA 8260B	0.25	5	ug/l	75-69-4	

Leachate and Gas Condensate Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Vinyl Acetate	EPA 8260B	1	5	ug/l	108-05-4	
Vinyl Chloride	EPA 8260B	0.25	5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Leachate & Gas Condensate Price						\$ 55.00
Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	EPA 8270C	2.5	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	EPA 8270C	2.5	10	ug/l	99-35-4	
1,4-Naphthoquinone	EPA 8270C	4	10	ug/l	130-15-4	
1-Naphthylamine	EPA 8270C	5.5	15	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	EPA 8270C	4.5	15	ug/l	58-90-2	
2,4,5-Trichlorophenol	EPA 8270C		3	20	ug/l	95-95-4
2,4,6-Trichlorophenol	EPA 8270C	4.5	20	ug/l	88-06-2	
2,4-Dichlorophenol	EPA 8270C	3.5	10	ug/l	120-83-2	
2,4-Dimethylphenol	EPA 8270C	3.5	20	ug/l	105-67-9	
2,4-Dinitrophenol	EPA 8270C	8	20	ug/l	51-28-5	
2,4-Dinitrotoluene	EPA 8270C	3.5	10	ug/l	121-14-2	
2,6-Dichlorophenol	EPA 8270C	6	15	ug/l	87-65-0	
2,6-Dinitrotoluene	EPA 8270C	2	10	ug/l	606-20-2	
2-Acetylaminofluorene	EPA 8270C	3	10	ug/l	53-96-3	
2-Chloronaphthalene	EPA 8270C	3	10	ug/l	91-58-7	
2-Chlorophenol	EPA 8270C	3	10	ug/l	95-57-8	
2-Methylnaphthalene	EPA 8270C	2	10	ug/l	91-57-6	
2-Naphthylamine	EPA 8270C	4	10	ug/l	91-59-8	
2-Nitroaniline	EPA 8270C	2	20	ug/l	88-74-4	
2-Nitrophenol	EPA 8270C	3.5	10	ug/l	88-75-5	
3,3'-Dichlorobenzidine	EPA 8270C		7.5	20	ug/l	91-94-1
3,3'-Dimethylbenzidine	EPA 8270C	7	25	ug/l	119-93-7	
3-Methylcholanthrene	EPA 8270C	2.5	10	ug/l	56-49-5	
3-Nitroaniline	EPA 8270C	3	20	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	EPA 8270C	4	20	ug/l	534-52-1	
4-Aminobiphenyl	EPA 8270C	5	15	ug/l	92-67-1	
4-Bromophenyl phenyl ether	EPA 8270C	3	10	ug/l	101-55-3	
4-Chloro-3-methylphenol	EPA 8270C		2.5	20	ug/l	59-50-7
4-Chloroaniline	EPA 8270C	2	10	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	EPA 8270C	2.5	10	ug/l	7005-72-3	
4-Nitroaniline	EPA 8270C	4	20	ug/l	100-01-6	
4-Nitrophenol	EPA 8270C	5.5	20	ug/l	100-02-7	
5-Nitro-o-toluidine	EPA 8270C	3	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	EPA 8270C	4	10	ug/l	57-97-6	
Acenaphthene	EPA 8270C	3	10	ug/l	83-32-9	
Acenaphthylene	EPA 8270C	3	10	ug/l	208-96-8	
Acetophenone	EPA 8270C		4	15	ug/l	98-86-2
Anthracene	EPA 8270C	2.5	10	ug/l	120-12-7	
Benzo(a)anthracene	EPA 8270C	2.5	10	ug/l	56-55-3	
Benzo(a)pyrene	EPA 8270C	3	10	ug/l	50-32-8	
Benzo(b)fluoranthene	EPA 8270C	2	10	ug/l	205-99-2	
Benzo(ghi)perylene	EPA 8270C	4	10	ug/l	191-24-2	
Benzo(k)fluoranthene	EPA 8270C	2.5	10	ug/l	207-08-9	
Benzyl Alcohol	EPA 8270C	3.5	20	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	EPA 8270C	3	10	ug/l	111-91-1	
Bis(2-chloroethyl) ether	EPA 8270C	3	10	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	EPA 8270C	2.5	10	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	EPA 8270C	4	50	ug/l	117-81-7	
Butyl benzyl Phthalate	EPA 8270C	4	20	ug/l	85-68-7	
Chlorobenzilate	EPA 8270C	2.5	10	ug/l	510-15-6	
Chrysene	EPA 8270C	2.5	10	ug/l	218-01-9	
Diallate	EPA 8270C	6	15	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	EPA 8270C	3	20	ug/l	53-70-3	
Dibenzofuran	EPA 8270C	4	10	ug/l	132-64-9	
Diethyl Phthalate	EPA 8270C	3.5	10	ug/l	84-66-2	
Dimethoate	EPA 8270C	5.5	15	ug/l	60-51-5	

Leachate and Gas Condensate Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dimethyl Phthalate	EPA 8270C	2.5	10	ug/l	131-11-3	
Di-n-butyl Phthalate	EPA 8270C	3	20	ug/l	84-74-2	
Di-n-octyl Phthalate	EPA 8270C	3.5	20	ug/l	117-84-0	
Dinoseb	EPA 8270C	2.5	10	ug/l	88-85-7	
Diphenylamine	EPA 8270C	3	10	ug/l	122-39-4	
Disulfoton	EPA 8270C	4	10	ug/l	298-04-4	
Ethyl Methanesulfonate	EPA 8270C	4	10	ug/l	62-50-0	
Famphur	EPA 8270C	35	100	ug/l	52-85-7	
Fluoranthene	EPA 8270C	3	10	ug/l	206-44-0	
Fluorene	EPA 8270C	3	10	ug/l	86-73-7	
Hexachlorobenzene	EPA 8270C	3	10	ug/l	118-74-1	
Hexachlorobutadiene	EPA 8270C	4	10	ug/l	87-68-3	
Hexachlorocyclopentadiene	EPA 8270C	5	20	ug/l	77-47-4	
Hexachloroethane	EPA 8270C	3.5	10	ug/l	67-72-1	
Hexachloropropene	EPA 8270C	10	25	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	EPA 8270C	3.5	20	ug/l	193-39-5	
Isodrin	EPA 8270C	3.5	10	ug/l	465-73-6	
Isophorone	EPA 8270C	3	10	ug/l	78-59-1	
Isosafrole	EPA 8270C	6	15	ug/l	120-58-1	
Kepone	EPA 8270C	35	100	ug/l	143-50-0	
m-Cresol	EPA 8270C	see p-cresol	see p-cresol	ug/l	108-39-4	
m-Dinitrobenzene	EPA 8270C	3.5	50	ug/l	99-65-0	
Methapyrilene	EPA 8270C	4	20	ug/l	91-80-5	
Methyl Methanesulfonate	EPA 8270C	5	15	ug/l	66-27-3	
Methyl Parathion	EPA 8270C	4	10	ug/l	298-00-0	
Nitrobenzene	EPA 8270C	3	20	ug/l	98-95-3	
N-Nitrosodiethylamine	EPA 8270C	3	10	ug/l	55-18-5	
N-Nitrosodimethylamine	EPA 8270C	2.5	20	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	EPA 8270C	4.5	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	EPA 8270C	3.5	10	ug/l	621-64-7	
N-Nitrosodiphenylamine	EPA 8270C	2	10	ug/l	86-30-6	
N-Nitrosomethylethylamine	EPA 8270C		2.5	10	ug/l	10595-95-6
N-Nitrosopiperidine	EPA 8270C	4	10	ug/l	100-75-4	
N-Nitrosopyrrolidine	EPA 8270C	4	10	ug/l	930-55-2	
o,o,c-Triethyl Phosphorothioate	EPA 8270C	4.5	15	ug/l	126-68-1	
O-Cresol	EPA 8270C	3	10	ug/l	95-48-7	
O-Toluidine	EPA 8270C		2.5	10	ug/l	95-53-4
p-(Dimethylamino) Azobenzene	EPA 8270C	4	10	ug/l	60-11-7	
Parathion (Ethyl)	EPA 8270C	2.5	10	ug/l	56-38-2	
p-Cresol	EPA 8270C	3	10	ug/l	106-44-5	
Pentachlorobenzene	EPA 8270C	3	10	ug/l	608-93-5	
Pentachloronitrobenzene	EPA 8270C	2.5	10	ug/l	82-68-8	
Pentachlorophenol	EPA 8270C	3.5	20	ug/l	87-86-5	
Phenacetin	EPA 8270C	3.5	10	ug/l	62-44-2	
Phenanthrene	EPA 8270C	3.5	10	ug/l	85-01-8	
Phenol	EPA 8270C	2	10	ug/l	108-95-2	
Phorate	EPA 8270C	4	10	ug/l	298-02-2	
p-Phenylenediamine	EPA 8270C	25	60	ug/l	106-50-3	
Pronamide	EPA 8270C	5	15	ug/l	23950-58-5	
Pyrene	EPA 8270C	4	10	ug/l	129-00-0	
Safrole	EPA 8270C	4	10	ug/l	94-59-7	
Thionazin	EPA 8270C	3	10	ug/l	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Leachate & Gas Condensate Price						\$ 135.00
Total Leachate and Gas Condensate Monitoring Price						\$ 853.00

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Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Antimony	EPA 6010B	5	10	mg/kg	7440-36-0	
Arsenic	EPA 6010B	1.5	3	mg/kg	7440-38-2	
Barium	EPA 6010B	0.75	1.5	mg/kg	7440-39-3	
Beryllium	EPA 6010B	0.25	0.5	mg/kg	7440-41-7	
Cadmium	EPA 6010B	0.25	0.5	mg/kg	7440-43-9	
Chromium	EPA 6010B	0.5	1	mg/kg	7440-47-3	
Cobalt	EPA 6010B	0.5	1	mg/kg	7440-48-4	
Copper	EPA 6010B	1	2	mg/kg	7440-50-8	
Lead	EPA 6010B	1	2	mg/kg	7439-92-1	
Mercury	EPA 7471A	0.012	0.02	mg/kg	7439-97-6	
Molybdenum	EPA 6010B	1	2	mg/kg	7439-98-7	
Nickel	EPA 6010B	1	2	mg/kg	7440-02-0	
Selenium	EPA 6010B	1.5	3	mg/kg	7782-49-2	
Silver	EPA 6010B	0.75	1.5	mg/kg	7440-22-4	
Thallium	EPA 6010B	5	10	mg/kg	7440-28-0	
Vanadium	EPA 6010B	0.5	1	mg/kg	7440-62-2	
Zinc	EPA 6010B	2.5	5	mg/kg	7440-66-6	
Subtotal - Metals - Soil Price						\$ 85.00
Waste Extraction Test (WET) Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Antimony	EPA 6010B	0.14	0.2	mg/l	7440-36-0	\$ 8.00
Arsenic	EPA 6010B	0.13	0.2	mg/l	7440-38-2	\$ 8.00
Barium	EPA 6010B	0.12	0.2	mg/l	7440-39-3	\$ 8.00
Beryllium	EPA 6010B	0.018	0.08	mg/l	7440-41-7	\$ 8.00
Cadmium	EPA 6010B	0.04	0.1	mg/l	7440-43-9	\$ 8.00
Chromium	EPA 6010B	0.04	0.1	mg/l	7440-47-3	\$ 8.00
Cobalt	EPA 6010B	0.04	0.2	mg/l	7440-48-4	\$ 8.00
Copper	EPA 6010B	0.08	0.2	mg/l	7440-50-8	\$ 8.00
Lead	EPA 6010B	0.08	0.1	mg/l	7439-92-1	\$ 8.00
Mercury	EPA 7470A	0.001	0.002	mg/l	7439-97-6	\$ 12.00
Molybdenum	EPA 6010B	0.04	0.4	mg/l	7439-98-7	\$ 8.00
Nickel	EPA 6010B	0.04	0.2	mg/l	7440-02-0	\$ 8.00
Selenium	EPA 6010B	0.16	0.2	mg/l	7782-49-2	\$ 8.00
Silver	EPA 6010B	0.12	0.2	mg/l	7440-22-4	\$ 8.00
Thallium	EPA 6010B	0.18	0.2	mg/l	7440-28-0	\$ 8.00
Vanadium	EPA 6010B	0.08	0.2	mg/l	7440-62-2	\$ 8.00
Zinc	EPA 6010B	0.18	0.4	mg/l	7440-66-6	\$ 8.00
Subtotal - WET Metals - Soil Price						\$ 140.00
TCLP Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Arsenic	EPA 6010B	0.07	0.2	mg/l	7440-38-2	\$ 10.00
Barium	EPA 6010B	0.08	0.2	mg/l	7440-39-3	\$ 10.00
Cadmium	EPA 6010B	0.02	0.1	mg/l	7440-43-9	\$ 10.00
Chromium	EPA 6010B	0.02	0.1	mg/l	7440-47-3	\$ 10.00
Lead	EPA 6010B	0.04	0.1	mg/l	7439-92-1	\$ 10.00
Mercury	EPA 7470A	0.001	0.002	mg/l	7439-97-6	\$ 18.00
Selenium	EPA 6010B	0.08	0.1	mg/l	7782-49-2	\$ 10.00
Silver	EPA 6010B	0.08	0.2	mg/l	7440-22-4	\$ 10.00
Subtotal - TCLP Metals - Soil Price						\$ 88.00
PCBs*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
PCB-1016	EPA 8082	12.1	50	ug/kg	12874-11-2	
PCB-1221	EPA 8082	12.1	50	ug/kg	11104-28-2	
PCB-1232	EPA 8082	12.1	50	ug/kg	11141-16-5	
PCB-1242	EPA 8082	12.1	50	ug/kg	63469-21-9	
PCB-1248	EPA 8082	12.1	50	ug/kg	12672-29-6	
PCB-1254	EPA 8082	12.1	50	ug/kg	11097-69-1	
PCB-1260	EPA 8082	12.1	50	ug/kg	11096-82-5	
Subtotal - PCBs - Soil Price						\$ 50.00
Organochlorine Pesticides*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Aldrin	EPA 8081A	1.5	5	ug/kg	309-00-2	
alpha-BHC	EPA 8081A	1.5	5	ug/kg	319-84-6	
beta-BHC	EPA 8081A	1.5	5	ug/kg	319-85-7	
gamma-BHC (Lindane)	EPA 8081A	1.5	5	ug/kg	58-89-9	

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delta-BHC	EPA 8081A	1.5	10	ug/kg	319-86-8	
alpha-Chlordane	EPA 8081A	2	5	ug/kg	5103-71-9	
gamma-Chlordane	EPA 8081A	1.5	5	ug/kg	5103-74-2	
4,4'-DDD	EPA 8081A	1.5	5	ug/kg	72-54-8	
4,4'-DDE	EPA 8081A	1.5	5	ug/kg	72-55-9	
4,4'-DDT	EPA 8081A	1.5	5	ug/kg	50-29-3	
Dieldrin	EPA 8081A	1.5	5	ug/kg	60-57-1	
Endosulfan I	EPA 8081A	1.5	5	ug/kg	959-98-8	
Endosulfan II	EPA 8081A	1.5	5	ug/kg	33213-65-9	
Endosulfan sulfate	EPA 8081A	2	10	ug/kg	1031-07-8	
Endrin	EPA 8081A	1.5	5	ug/kg	72-20-8	
Endrin aldehyde	EPA 8081A	1.5	5	ug/kg	7421-36-3	
Endrin ketone	EPA 8081A	2	5	ug/kg	53494-70-5	
Heptachlor	EPA 8081A	2	5	ug/kg	76-44-8	
Heptachlor epoxide	EPA 8081A	2	5	ug/kg	1024-57-3	
Methoxychlor	EPA 8081A	1.5	5	ug/kg	72-43-5	
Toxaphene	EPA 8081A	50	200	ug/kg	8001-35-2	
Subtotal - Organochlorine Pesticides - Soil Price						\$ 50.00
Chlorinated Herbicides*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
2,4,5-T	8151A	2.3	20	ug/kg	93-76-5	
2,4,5-TP (Silvex)	8151A	1.4	20	ug/kg	93-72-1	
2,4-D	8151A	14	80	ug/kg	94-75-7	
Subtotal - Chlorinated Herbicides - Soil Price						\$ 105.00
Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,4-Dichlorobenzene	EPA 8260B	0.5	2	ug/kg	106-46-7	
2,2-Dichloropropane	EPA 8260B	0.5	2	ug/kg	594-20-7	
2-Butanone (MEK)	EPA 8260B	5	10	ug/kg	78-93-3	
2-Chlorotoluene	EPA 8260B	1	5	ug/kg	95-49-8	
4-Chlorotoluene	EPA 8260B	1	5	ug/kg	106-43-4	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	2.5	5	ug/kg	108-10-1	
Acetone	EPA 8260B	8	20	ug/kg	67-64-1	
Acrylonitrile	EPA 8260B	20	100	ug/kg	107-13-1	
Benzene	EPA 8260B	0.5	2	ug/kg	71-43-2	
Bromobenzene	EPA 8260B	1	5	ug/kg	108-86-1	
Bromochloromethane	EPA 8260B	1	5	ug/kg	74-97-5	
Bromodichloromethane	EPA 8260B	0.5	2	ug/kg	75-27-4	
Bromoform	EPA 8260B	1	5	ug/kg	75-25-2	
Bromomethane	EPA 8260B	1	5	ug/kg	74-83-9	
Carbon tetrachloride	EPA 8260B	0.5	5	ug/kg	56-23-5	
Chlorobenzene	EPA 8260B	0.5	2	ug/kg	108-90-7	
Chloroethane	EPA 8260B	1	5	ug/kg	75-00-3	
Chloroform	EPA 8260B	0.5	2	ug/kg	67-66-3	
Chloromethane	EPA 8260B	1	5	ug/kg	74-87-3	
cis-1,2-Dichloroethene	EPA 8260B	0.5	2	ug/kg	156-59-2	
cis-1,3-Dichloropropene	EPA 8260B	0.5	2	ug/kg	10061-01-5	
Dibromochloromethane	EPA 8260B	0.5	2	ug/kg	124-48-1	
Dibromochloropropane	EPA 8260B	2	5	ug/kg	98-12-8	
Dibromomethane	EPA 8260B	0.5	2	ug/kg	74-95-3	
Dichlorodifluoromethane	EPA 8260B	1	5	ug/kg	75-71-8	
Ethylbenzene	EPA 8260B	0.5	2	ug/kg	100-41-4	
Fuel Oxygenates	EPA 8260B	??	??	ug/kg		
Hexachlorobutadiene	EPA 8260B	1	5	ug/kg	87-68-3	
Methyl t-butyl ether (MTBE)	EPA 8260B	1	5	ug/kg	1634-04-4	
Methylene chloride	EPA 8260B	5	20	ug/kg	75-09-2	
n-Butylbenzene	EPA 8260B	1	5	ug/kg	104-51-8	
n-Propylbenzene	EPA 8260B	0.5	2	ug/kg	103-65-1	
Naphthalene	EPA 8260B	1	5	ug/kg	91-20-3	
sec-Butylbenzene	EPA 8260B	1	5	ug/kg	135-98-8	
Styrene	EPA 8260B	0.5	2	ug/kg	100-42-5	
tert-Butylbenzene	EPA 8260B	1	5	ug/kg	98-06-6	
Tetrachloroethene	EPA 8260B	0.5	2	ug/kg	127-18-4	
Toluene	EPA 8260B	0.5	2	ug/kg	108-88-3	
trans-1,2-Dichloroethene	EPA 8260B	0.5	2	ug/kg	156-60-5	
trans-1,3-Dichloropropene	EPA 8260B	0.5	2	ug/kg	10061-02-6	
Trichloroethene	EPA 8260B	0.5	2	ug/kg	79-01-6	
Trichlorofluoromethane	EPA 8260B	1	5	ug/kg	75-69-4	
Vinyl chloride	EPA 8260B	1	5	ug/kg	75-01-4	
Total Xylene	EPA 8260B	1	2	ug/kg		
m,p-Xylenes	EPA 8260B	1	2	ug/kg	1330-20-7	
o-Xylene	EPA 8260B	0.5	2	ug/kg	95-47-5	
Subtotal - Volatile Organic Compounds - Soil Price						\$ 55.00
Volatile Organic Compounds (BTEX Only)						

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Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Benzene	EPA 8260B	0.5	2	ug/kg	71-43-2	
Ethylbenzene	EPA 8260B	0.5	2	ug/kg	100-41-4	
Toluene	EPA 8260B	0.5	2	ug/kg	108-88-3	
Xylene	EPA 8260B	1	2	ug/kg	1330-20-7	
Subtotal - Volatile Organic Compounds (BTEX Only) - Soil Price						\$ 35.00
Semi-Volatile Organic Compounds ²						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	EPA 8270C	150	350	ug/kg	95-94-3	
1,3,5-Trinitrobenzene	EPA 8270C	150	300	ug/kg	99-35-4	
1,4-Naphthoquinone	EPA 8270C	150	300	ug/kg	130-15-4	
1-Naphthylamine	EPA 8270C	200	500	ug/kg	134-32-7	
2,3,4,6-Tetrachlorophenol	EPA 8270C	150	350	ug/kg	58-90-2	
2,4,5-Trichlorophenol	EPA 8270C	130	330	ug/kg	95-95-4	
2,4,6-Trichlorophenol	EPA 8270C	75	330	ug/kg	88-06-2	
2,4-Dichlorophenol	EPA 8270C	60	330	ug/kg	120-83-2	
2,4-Dimethylphenol	EPA 8270C	100	330	ug/kg	105-67-9	
2,4-Dinitrophenol	EPA 8270C	110	660	ug/kg	51-28-5	
2,4-Dinitrotoluene	EPA 8270C	80	330	ug/kg	121-14-2	
2,6-Dichlorophenol	EPA 8270C	200	450	ug/kg	87-65-0	
2,6-Dinitrotoluene	EPA 8270C	95	330	ug/kg	606-20-2	
2-Acetylaminofluorene	EPA 8270C	150	350	ug/kg	53-96-3	
2-Chloronaphthalene	EPA 8270C	65	330	ug/kg	91-58-7	
2-Chlorophenol	EPA 8270C	70	330	ug/kg	95-57-8	
2-Methylnaphthalene	EPA 8270C	70	330	ug/kg	91-57-6	
2-Naphthylamine	EPA 8270C	200	500	ug/kg	91-59-8	
2-Nitroaniline	EPA 8270C	80	330	ug/kg	88-74-4	
2-Nitrophenol	EPA 8270C	60	330	ug/kg	88-75-5	
3,3'-Dichlorobenzidine	EPA 8270C	150	830	ug/kg	91-94-1	
3,3'-Dimethylbenzidine	EPA 8270C	1300	4000	ug/kg	119-93-7	
3-Methylcholanthrene	EPA 8270C	150	350	ug/kg	56-49-5	
3-Nitroaniline	EPA 8270C	75	330	ug/kg	99-09-2	
4,6-Dinitro-2-methylphenol	EPA 8270C	110	420	ug/kg	534-52-1	
4-Aminobiphenyl	EPA 8270C	150	400	ug/kg	92-67-1	
4-Bromophenyl phenyl ether	EPA 8270C	75	330	ug/kg	101-55-3	
4-Chloro-3-methylphenol	EPA 8270C	70	330	ug/kg	59-60-7	
4-Chloroaniline	EPA 8270C	120	330	ug/kg	106-47-8	
4-Chlorophenyl phenyl ether	EPA 8270C	85	330	ug/kg	7005-72-3	
4-Nitroaniline	EPA 8270C	90	830	ug/kg	100-01-6	
4-Nitrophenol	EPA 8270C	140	830	ug/kg	100-02-7	
5-Nitro-o-toluidine	EPA 8270C	150	300	ug/kg	99-55-8	
7,12-Dimethylbenz(a)anthracene	EPA 8270C	200	400	ug/kg	57-97-6	
Acenaphthene	EPA 8270C	60	330	ug/kg	83-32-9	
Acenaphthylene	EPA 8270C	70	330	ug/kg	208-96-8	
Acetophenone	EPA 8270C	150	350	ug/kg	98-86-2	
Anthracene	EPA 8270C	80	330	ug/kg	120-12-7	
Benzo(a)anthracene	EPA 8270C	70	330	ug/kg	56-55-3	
Benzo(a)pyrene	EPA 8270C	55	330	ug/kg	50-32-8	
Benzo(b)fluoranthene	EPA 8270C	50	330	ug/kg	205-99-2	
Benzo(ghi)perylene	EPA 8270C	110	330	ug/kg	191-24-2	
Benzo(c)pyrene	EPA 8270C			ug/kg	192-97-2	
Benzo(k)fluoranthene	EPA 8270C	70	330	ug/kg	207-08-9	
Benzyl Alcohol	EPA 8270C	200	330	ug/kg	100-51-6	
Bis(2-chloroethoxy)methane	EPA 8270C	70	330	ug/kg	111-91-1	
Bis(2-chloroethyl) ether	EPA 8270C	60	170	ug/kg	111-44-4	
Bis(2-chloroisopropyl) ether	EPA 8270C	60	330	ug/kg	108-60-1	
Bis(2-ethylhexyl) Phthalate	EPA 8270C	90	330	ug/kg	117-81-7	
Butyl benzyl Phthalate	EPA 8270C	80	330	ug/kg	85-68-7	
Chlorobenzilate	EPA 8270C	200	450	ug/kg	610-15-6	
Chrysene	EPA 8270C	75	330	ug/kg	218-01-9	
Diallate	EPA 8270C	350	850	ug/kg	2303-16-4	
Dibenz(a,h)anthracene	EPA 8270C	100	420	ug/kg	53-70-3	
Dibenzofuran	EPA 8270C	60	330	ug/kg	132-64-9	
Diethyl Phthalate	EPA 8270C	95	330	ug/kg	84-66-2	
Dimethoate	EPA 8270C	250	550	ug/kg	60-51-5	
Dimethyl Phthalate	EPA 8270C	65	330	ug/kg	131-11-3	
Di-n-butyl Phthalate	EPA 8270C	90	330	ug/kg	84-74-2	
Di-n-octyl Phthalate	EPA 8270C	80	330	ug/kg	117-84-0	
Dinoseb	EPA 8270C	200	400	ug/kg	88-85-7	
Diphenylamine	EPA 8270C	200	400	ug/kg	122-39-4	
Disulfoton	EPA 8270C	200	450	ug/kg	298-04-4	
Ethyl Methanesulfonate	EPA 8270C	150	350	ug/kg	62-50-0	
Fampbur	EPA 8270C	1300	4000	ug/kg	52-85-7	
Fluoranthene	EPA 8270C	70	330	ug/kg	206-44-0	

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Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price	
Fluorene	EPA 8270C	70	330	ug/kg	86-73-7		
Hexachlorobenzene	EPA 8270C	70	330	ug/kg	118-74-1		
Hexachlorobutadiene	EPA 8270C	60	330	ug/kg	87-68-3		
Hexachlorocyclopentadiene	EPA 8270C	90	830	ug/kg	77-47-4		
Hexachloroethane	EPA 8270C	65	330	ug/kg	87-72-1		
Hexachloropropene	EPA 8270C	150	300	ug/kg	1888-71-7		
Indeno(1,2,3-cd)pyrene	EPA 8270C	130	330	ug/kg	193-39-5		
Isodrin	EPA 8270C	200	450	ug/kg	485-73-6		
Isophorone	EPA 8270C	60	330	ug/kg	78-59-1		
Isosafrole	EPA 8270C	350	850	ug/kg	120-58-1		
Kepona	EPA 8270C	1000	4000	ug/kg	143-60-0		
m-Cresol	EPA 8270C	see p-cresol	see p-cresol	ug/kg	108-39-4		
m-Dinitrobenzene	EPA 8270C	140	340	ug/kg	99-65-0		
Methapyrene	EPA 8270C	250	550	ug/kg	91-80-5		
Methyl Methanesulfonate	EPA 8270C	100	250	ug/kg	66-27-3		
Methyl Parathion	EPA 8270C	250	600	ug/kg	298-00-0		
Naphthalene	EPA 8270C	60	330	ug/kg	91-20-3		
Nitrobenzene	EPA 8270C	70	330	ug/kg	98-95-3		
N-Nitrosodiethylamine	EPA 8270C	150	400	ug/kg	55-18-5		
N-Nitrosodimethylamine	EPA 8270C	55	330	ug/kg	62-75-9		
N-Nitrosodi-n-butylamine	EPA 8270C	150	400	ug/kg	924-16-3		
N-Nitrosodi-n-propylamine	EPA 8270C	70	250	ug/kg	621-64-7		
N-Nitrosodiphenylamine	EPA 8270C	80	330	ug/kg	86-30-6		
N-Nitrosomethylamine	EPA 8270C		200	450	ug/kg	10565-95-6	
N-Nitrosopiperidine	EPA 8270C	150	300	ug/kg	100-75-4		
N-Nitrosopyrrolidine	EPA 8270C	150	300	ug/kg	930-55-2		
o,o,o-Triethyl Phosphorothioate	EPA 8270C	200	400	ug/kg	126-68-1		
O-Cresol	EPA 8270C	80	330	ug/kg	95-48-7		
O-Tolidine	EPA 8270C		150	350	ug/kg	95-53-4	
p-(Dimethylamino) Azobenzene	EPA 8270C	200	400	ug/kg	60-11-7		
Parathion (Ethyl)	EPA 8270C	200	450	ug/kg	56-38-2		
p-Cresol	EPA 8270C	80	330	ug/kg	106-44-5		
Pentachlorobenzene	EPA 8270C	200	450	ug/kg	608-93-5		
Pentachloronitrobenzene	EPA 8270C	200	500	ug/kg	82-68-8		
Pentachlorophenol	EPA 8270C	150	830	ug/kg	87-86-5		
Phenacetin	EPA 8270C	150	350	ug/kg	62-44-2		
Phenanthrene	EPA 8270C	60	330	ug/kg	85-01-8		
Phenol	EPA 8270C	90	330	ug/kg	108-95-2		
Phorate	EPA 8270C	200	450	ug/kg	298-02-2		
p-Phenylenediamine	EPA 8270C	1300	4000	ug/kg	106-50-3		
Pronamide	EPA 8270C	200	450	ug/kg	23950-58-5		
Pyrene	EPA 8270C	80	330	ug/kg	129-00-0		
Safrole	EPA 8270C	150	400	ug/kg	94-59-7		
Thionazin	EPA 8270C	200	400	ug/kg	297-97-2		
Subtotal - Semi-Volatile Organic Compounds - Soil Price						\$ 135.00	
Miscellaneous Constituents*							
Parameter	Proposed Test Method/Standard	Proposed MDL	Proposed RL	units	CAS#	Unit Price	
Asbestos	PLM			%		\$ 14.00	
Corrosivity Liquid	9040	N/A	\$ 0.10	pH		\$ 5.00	
Corrosivity Solid	SW-846	N/A	\$ 0.10	pH		\$ 10.00	
Ignitability	D-93-79	N/A	\$ 50.00	FP		\$ 20.00	
Ignitability	D-93-80	N/A	\$ 50.00	FP		\$ 20.00	
Ignitability	D-3276-78			FP		\$ 20.00	
Ignitability	D-323			FP		\$ 20.00	
Extractable Petroleum Hydrocarbons (C12-C24)	EPA 8015B	\$ 3.50	\$ 5.00	mg/kg		\$ 35.00	
Extractable Petroleum Hydrocarbons (C24-C40)	EPA 8015B	\$ 3.50	\$ 5.00	mg/kg		\$ 35.00	
Total Petroleum Hydrocarbons (C6-C12)	EPA 8015B	\$ 0.15	\$ 0.40	mg/kg		\$ 25.00	
Total Petroleum Hydrocarbons (C10-C22)	EPA 8015B	\$ 3.50	\$ 5.00	mg/kg		\$ 35.00	
Total Petroleum Hydrocarbons (C18-C30)	EPA 8015B	\$ 3.50	\$ 5.00	mg/kg		\$ 35.00	
Volatile Petroleum Hydrocarbons (C4-C12)	EPA 8260B/CA LUFT	\$ 0.05	\$ 0.10	mg/kg		\$ -	
Subtotal - Miscellaneous Constituents - Soil Price						\$ 274.00	
Total Soil Monitoring Price						\$ 1,017.00	
*Some parameters may not be required for all sites, however all chain of custodes will include a parameter list.							

EXHIBIT C – DATA DELIVERABLE FORMAT

ELEMENT	Data Deliverable Specifications
CASE NARRATIVE	client project identification
	laboratory identification
	test requests for samples
	discussion of any QC failure
	holding time violations
	observations/analytical comment
SAMPLE CUSTODY RECORDS	external
	internal
	written communications or telephone logs to client
SUMMARY OF SAMPLE RESULTS	client's and lab's sample ID number
	sample matrix
	date prepared
	date analysis
	instrument identification
	GC column and detector
	weight or volume of prepared sample
	dilution or concentration factor
	reporting limits
	data qualifier definitions analytical results including re-analyses, dilutions and confirmatory
SUMMARY OF QUALITY CONTROL	method blanks with cross reference to samples
	surrogate recoveries with recovery acceptance limits
	matrix spike recoveries with recovery acceptance limits
	matrix spike duplicate recoveries with recovery and RPD acceptance limits
	sample duplicate results with acceptance limits
	laboratory control samples with recovery acceptance limits
	method detection limit study results
	retention time windows

EXHIBIT D – ASCII TAB DELIMITED FORMAT

Test Method	Parameter	CAS#	Date Sampled	Well ID	Analysis	MDL	RL	Units	Lab No	Work Order No	Date Submitted	Date Analyzed	TIC
EPA 8260B	Bromodichloromethane	75-27-4	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8011	Dibromochloropropane (DBCP)	96-12-8	2/5/03 11:06 AM	BL-1	-1	0.003	0.01	ug/L	ALAB	A3B0194-01	2/5/03	2/11/03	N
EPA 8260B	1,2,3-Trichloropropane	96-18-4	2/5/03 11:06 AM	BL-1	-1	0.29	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	2/5/03 11:06 AM	BL-1	-1	0.3	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,1,2-Trichloroethane	79-00-5	2/5/03 11:06 AM	BL-1	-1	0.31	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Bromochloromethane	74-97-5	2/5/03 11:06 AM	BL-1	-1	0.33	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Carbon Disulfide	75-15-0	2/5/03 11:06 AM	BL-1	-1	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Chloromethane	74-87-3	2/5/03 11:06 AM	BL-1	-1	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	m,p-Xylenes	1330-20-7-1	2/5/03 11:06 AM	BL-1	50	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Dibromochloromethane	124-48-1	2/5/03 11:06 AM	BL-1	-1	0.37	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	o-Xylene	95-47-6	2/5/03 11:06 AM	BL-1	-1	0.41	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Total Xylenes	1330-20-7	2/5/03 11:06 AM	BL-1	25	0.41	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Bromomethane	74-83-9	2/5/03 11:06 AM	BL-1	-1	0.48	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Ethylbenzene	100-41-4	2/5/03 11:06 AM	BL-1	5	0.26	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,2-Dichloropropane	78-87-5	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Chloroethane	75-00-3	2/5/03 11:06 AM	BL-1	2	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Dibromomethane	74-95-3	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Trichloroethene	79-01-6	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,4-Dichloro-2-butene	110-57-6	2/5/03 11:06 AM	BL-1	-1	0.58	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Methyl isobutyl ketone (MIBK)	108-10-1	2/5/03 11:06 AM	BL-1	-1	0.95	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Iodomethane	74-88-4	2/5/03 11:06 AM	BL-1	-1	1.1	10	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	2-Butanone (MEK)	78-93-3	2/5/03 11:06 AM	BL-1	-1	1.2	3	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	2-Hexanone	591-78-6	2/5/03 11:06 AM	BL-1	-1	1.2	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Acetone	67-64-1	2/5/03 11:06 AM	BL-1	-1	1.2	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260	Butanoic Acid, Propyl Ester	105-66-8	2/5/03 11:06 AM	BL-1	2100			ug/L	ALAB	A3B0194-01	2/5/03	2/5/03	Y

PROFESSIONAL or PERSONAL SERVICE AGREEMENT

for

Environmental Laboratory Services

Groundwater, Leachate & Gas Condensate

between

COUNTY OF RIVERSIDE

And

E.S. Babcock & Sons, Inc.



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This Agreement, made and entered into this 25th day of February, 2014, by and between E.S. Babcock & Sons, Inc. (herein referred to as "CONTRACTOR"), and the COUNTY OF RIVERSIDE, a political subdivision of the State of California, (herein referred to as "COUNTY"). The parties agree as follows:

1. DESCRIPTION OF SERVICES

- 1.1. CONTRACTOR shall provide all services as outlined and specified in Exhibit A, Scope of Services, consisting of five (5) pages at the prices stated in Exhibit B, Payment Provisions, consisting of twenty-eight (28) pages.
- 1.2. CONTRACTOR represents that it has the skills, experience, and knowledge necessary to perform under this Agreement and the COUNTY relies upon this representation. CONTRACTOR shall perform to the satisfaction of the COUNTY and in conformance to and consistent with the highest standards of firms/professionals in the same discipline in the State of California.
- 1.3. CONTRACTOR affirms this it is fully apprised of all of the work to be performed under this Agreement; and the CONTRACTOR agrees it can properly perform this work at the prices stated in Exhibit B. CONTRACTOR is not to perform services or provide products outside of the Agreement.
- 1.4. Acceptance by the COUNTY of the CONTRACTOR's performance under this Agreement does not operate as a release of CONTRACTOR's responsibility for full compliance with the terms of this Agreement.

2. PERIOD OF PERFORMANCE

This Agreement shall be effective upon signature of this Agreement by both parties and continue in effect through February 12, 2015 with the option to renew on an annual basis for up to four (4) additional one year periods via written amendment, unless terminated earlier. Each annual renewal is contingent upon mutually acceptable service and cost adjustments. This agreement will expire on February 12, 2019 if all renewal options have been used. CONTRACTOR shall commence performance upon signature of this Agreement by both parties and shall diligently and continuously perform thereafter. The Riverside County Board of Supervisors is the only authority that may obligate the County for a non-cancelable multi-year agreement.

3. COMPENSATION

- 3.1 The COUNTY shall pay the CONTRACTOR for services performed, products provided and expenses incurred in accordance with the terms of Exhibit B, Payment Provisions. Maximum payments by COUNTY to CONTRACTOR shall not exceed \$25,000 annually including all expenses. The COUNTY is not responsible for any fees or costs incurred above or beyond the contracted amount and shall have no obligation to purchase any specified amount of services or products. Unless otherwise specifically stated in Exhibit B, COUNTY shall not be responsible for payment of any of CONTRACTOR's expenses related to this Agreement.

- 3.2 No price increases will be permitted during the first year of this Agreement. All price decreases (for example, if CONTRACTOR offers lower prices to another governmental entity) will automatically be extended to the COUNTY. The COUNTY requires written proof satisfactory to COUNTY of cost increases prior to any approved price adjustment. After the first year of the award, a minimum of 30-days advance notice in writing is required to be considered and approved by COUNTY. No retroactive price adjustments will be considered. Any price increases must be stated in a written amendment to this Agreement. The net dollar amount of profit will remain firm during the period of the Agreement. Annual increases shall not exceed the Consumer Price Index- All Consumers, All Items - Greater Los Angeles, Riverside and Orange County areas for environmental water laboratory testing services and be subject to satisfactory performance review by the COUNTY and approved (if needed) for budget funding by the Board of Supervisors.
- 3.3 CONTRACTOR shall be paid only in accordance with an invoice submitted to COUNTY by CONTRACTOR within fifteen (15) days from the last day of each calendar month, and COUNTY shall pay the invoice within thirty (30) working days from the date of receipt of the invoice. Payment shall be made to CONTRACTOR only after services have been rendered or delivery of materials or products, and acceptance has been made by COUNTY. Prepare invoices in duplicate. For this Agreement, send the original and duplicate copies of invoices to:
- Riverside County Waste Management Department
14310 Frederick Street
Moreno Valley, CA 92553
Attn: Accounts Payable
- a) Each invoice shall contain a minimum of the following information: invoice number and date; remittance address; bill-to and ship-to addresses of ordering department/division; Agreement number WMARC-96148-002-02/14; quantities; item descriptions, unit prices, extensions, sales/use tax if applicable, and an invoice total.
- b) Invoices shall be rendered monthly in arrears.
- 3.4 The COUNTY obligation for payment of this Agreement beyond the current fiscal year end is contingent upon and limited by the availability of COUNTY funding from which payment can be made. No legal liability on the part of the COUNTY shall arise for payment beyond June 30 of each calendar year unless funds are made available for such payment. In the event that such funds are not forthcoming for any reason, COUNTY shall immediately notify CONTRACTOR in writing; and this Agreement shall be deemed terminated, have no further force, and effect.

4. ALTERATION OR CHANGES TO THE AGREEMENT

- 4.1** The Board of Supervisors and the COUNTY Purchasing Agent and/or his designee is the only authorized COUNTY representatives who may at any time, by written order, alter this Agreement. If any such alteration causes an increase or decrease in the cost of, or the time required for the performance under this Agreement, an equitable adjustment shall be made in the Agreement price or delivery schedule, or both, and the Agreement shall be modified by written amendment accordingly.
- 4.2** Any claim by the CONTRACTOR for additional payment related to this Agreement shall be made in writing by the CONTRACTOR within 30 days of when the CONTRACTOR has or should have notice of any actual or claimed change in the work, which results in additional and unanticipated cost to the CONTRACTOR. If the COUNTY Purchasing Agent decides that the facts provide sufficient justification, he may authorize additional payment to the CONTRACTOR pursuant to the claim. Nothing in this section shall excuse the CONTRACTOR from proceeding with performance of the Agreement even if there has been a change.

5. TERMINATION

- 5.1.** COUNTY may terminate this Agreement without cause upon 30 days written notice served upon the CONTRACTOR stating the extent and effective date of termination.
- 5.2** COUNTY may, upon five (5) days written notice terminate this Agreement for CONTRACTOR's default, if CONTRACTOR refuses or fails to comply with the terms of this Agreement or fails to make progress that may endanger performance and does not immediately cure such failure. In the event of such termination, the COUNTY may proceed with the work in any manner deemed proper by COUNTY.
- 5.3** After receipt of the notice of termination, CONTRACTOR shall:
- (a) Stop all work under this Agreement on the date specified in the notice of termination; and
 - (b) Transfer to COUNTY and deliver in the manner as directed by COUNTY any materials, reports or other products, which, if the Agreement had been completed or continued, would have been required to be furnished to COUNTY.
- 5.4** After termination, COUNTY shall make payment only for CONTRACTOR's performance up to the date of termination in accordance with this Agreement and at the rates set forth in Exhibit B.
- 5.5** CONTRACTOR's rights under this Agreement shall terminate (except for fees accrued prior to the date of termination) upon dishonesty or a willful or material breach of this Agreement by CONTRACTOR; or in the event of CONTRACTOR's unwillingness or inability for any reason whatsoever to perform the terms of this Agreement. In such event, CONTRACTOR shall not be entitled to any further compensation under this Agreement.

- 5.6** CONTRACTOR is debarred from the System for Award Management (SAM). If the agreement is federally or State funded, CONTRACTOR must notify the COUNTY immediately of the debarment. Reference: (System for Award Management (SAM) at <https://www.sam.gov> for Central Contractor Registry (CCR), Federal Agency Registration (Fedreg), Online Representations and Certifications Application, and Excluded Parties List System (EPLS)). Excluded Parties Listing System (EPLS) (<http://www.epls.gov>) (Executive Order 12549, 7 CFR Part 3017, 45 CFR Part 76, and 44 CFR Part 17). The System for Award Management (SAM) is the Official U.S. Government system that consolidated the capabilities of CCR/FedReg, ORCA, and EPLS.
- 5.7** The rights and remedies of COUNTY provided in this section shall not be exclusive and are in addition to any other rights and remedies provided by law or this Agreement.

6. OWNERSHIP/USE OF CONTRACT MATERIALS AND PRODUCTS

The CONTRACTOR agrees that all materials, reports or products in any form, including electronic, created by CONTRACTOR for which CONTRACTOR has been compensated by COUNTY pursuant to this Agreement shall be the sole property of the COUNTY. The material, reports or products may be used by the COUNTY for any purpose COUNTY deems to be appropriate, including, but not limit to, duplication and/or distribution within the COUNTY or to third parties. CONTRACTOR agrees not to release or circulate in whole or part such materials, reports, or products without prior written authorization of the COUNTY.

7. CONDUCT OF CONTRACTOR

- 7.1** The CONTRACTOR covenants that it presently has no interest, including, but not limited to, other projects or contracts, and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with CONTRACTOR's performance under this Agreement. The CONTRACTOR further covenants that no person or subcontractor having any such interest shall be employed or retained by CONTRACTOR under this Agreement. The CONTRACTOR agrees to inform the COUNTY of all the CONTRACTOR's interests, if any, which are or may be perceived as incompatible with the COUNTY's interests.
- 7.2** The CONTRACTOR shall not, under circumstances which could be interpreted as an attempt to influence the recipient in the conduct of his/her duties, accept any gratuity or special favor from individuals or firms with whom the CONTRACTOR is doing business or proposing to do business, in accomplishing the work under this Agreement.
- 7.3** The CONTRACTOR or its employees shall not offer gifts, gratuity, favors, and entertainment directly or indirectly to COUNTY employees.

8. INSPECTION OF SERVICE; QUALITY CONTROL/ASSURANCE

8.1 All performance (which includes services, workmanship, materials, supplies and equipment furnished or utilized in the performance of this Agreement) shall be subject to inspection and test by the COUNTY or other regulatory agencies at all times. The CONTRACTOR shall provide adequate cooperation to any inspector or other COUNTY representative to permit him/her to determine the CONTRACTOR's conformity with the terms of this Agreement. If any services performed or products provided by CONTRACTOR are not in conformance with the terms of this Agreement, the COUNTY shall have the right to require the CONTRACTOR to perform the services or provide the products in conformance with the terms of the Agreement at no additional cost to the COUNTY. When the services to be performed or the products to be provided are of such nature that the difference cannot be corrected; the COUNTY shall have the right to: (1) require the CONTRACTOR immediately to take all necessary steps to ensure future performance in conformity with the terms of the Agreement; and/or (2) reduce the Agreement price to reflect the reduced value of the services performed or products provided. The COUNTY may also terminate this Agreement for default and charge to CONTRACTOR any costs incurred by the COUNTY because of the CONTRACTOR's failure to perform.

8.2 CONTRACTOR shall establish adequate procedures for self-monitoring and quality control and assurance to ensure proper performance under this Agreement; and shall permit a COUNTY representative or other regulatory official to monitor, assess, or evaluate CONTRACTOR's performance under this Agreement at any time, upon reasonable notice to the CONTRACTOR.

9. INDEPENDENT CONTRACTOR

The CONTRACTOR is, for purposes relating to this Agreement, an independent contractor and shall not be deemed an employee of the COUNTY. It is expressly understood and agreed that the CONTRACTOR (including its employees, agents, and subcontractors) shall in no event be entitled to any benefits to which COUNTY employees are entitled, including but not limited to overtime, any retirement benefits, worker's compensation benefits, and injury leave or other leave benefits. There shall be no employer-employee relationship between the parties; and CONTRACTOR shall hold COUNTY harmless from any and all claims that may be made against COUNTY based upon any contention by a third party that an employer-employee relationship exists by reason of this Agreement. It is further understood and agreed by the parties that CONTRACTOR in the performance of this Agreement is subject to the control or direction of COUNTY merely as to the results to be accomplished and not as to the means and methods for accomplishing the results.

10. SUBCONTRACT FOR WORK OR SERVICES

No contract shall be made by the CONTRACTOR with any other party for furnishing any of the work or services under this Agreement without the prior written approval of the COUNTY; but this provision shall not require the approval of contracts of employment between the CONTRACTOR and personnel assigned under this Agreement, or for parties named in the proposal and agreed to under this Agreement.

11. DISPUTES

11.1 The parties shall attempt to resolve any disputes amicably at the working level. If that is not successful, the dispute shall be referred to the senior management of the parties. Any dispute relating to this Agreement, which is not resolved by the parties, shall be decided by the COUNTY's Purchasing Department's Compliance Contract Officer who shall furnish the decision in writing. The decision of the COUNTY's Compliance Contract Officer shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, capricious, arbitrary, or so grossly erroneous to imply bad faith. The CONTRACTOR shall proceed diligently with the performance of this Agreement pending the resolution of a dispute.

11.2 Prior to the filing of any legal action related to this Agreement, the parties shall be obligated to attend a mediation session in Riverside County before a neutral third party mediator. A second mediation session shall be required if the first session is not successful. The parties shall share the cost of the mediations.

12. LICENSING AND PERMITS

CONTRACTOR shall comply with all State or other licensing requirements, including but not limited to the provisions of Chapter 9 of Division 3 of the Business and Professions Code. All licensing requirements shall be met at the time proposals are submitted to the COUNTY. CONTRACTOR warrants that it has all necessary permits, approvals, certificates, waivers and exemptions necessary for performance of this Agreement as required by the laws and regulations of the United States, the State of California, the County of Riverside and all other governmental agencies with jurisdiction, and shall maintain these throughout the term of this Agreement.

13. USE BY OTHER POLITICAL ENTITIES

The CONTRACTOR agrees to extend the same pricing, terms, and conditions as stated in this Agreement to each and every political entity, special district, and related non-profit entity in Riverside County. It is understood that other entities shall make purchases in their own name, make direct payment, and be liable directly to the CONTRACTOR; and COUNTY shall in no way be responsible to CONTRACTOR for other entities' purchases.

14. NON-DISCRIMINATION

CONTRACTOR shall not be discriminate in the provision of services, allocation of benefits, accommodation in facilities, or employment of personnel on the basis of ethnic group identification, race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status or sex in the performance of this

Agreement; and, to the extent they shall be found to be applicable hereto, shall comply with the provisions of the California Fair Employment and Housing Act (Gov. Code 12900 et. seq), the Federal Civil Rights Act of 1964 (P.L. 88-352), the Americans with Disabilities Act of 1990 (42 U.S.C. S1210 et seq.) and all other applicable laws or regulations.

15. RECORDS AND DOCUMENTS

CONTRACTOR shall make available, upon written request by any duly authorized Federal, State, or COUNTY agency, a copy of this Agreement and such books, documents and records as are necessary to certify the nature and extent of the CONTRACTOR's costs related to this Agreement. All such books, documents and records shall be maintained by CONTRACTOR for at least five years following termination of this Agreement and be available for audit by the COUNTY. CONTRACTOR shall provide to the COUNTY reports and information related to this Agreement as requested by COUNTY.

16. CONFIDENTIALITY

16.1 The CONTRACTOR shall not use for personal gain or make other improper use of privileged or confidential information which is acquired in connection with this Agreement. The term "privileged or confidential information" includes but is not limited to: unpublished or sensitive technological or scientific information; medical, personnel, or security records; anticipated material requirements or pricing/purchasing actions; COUNTY information or data which is not subject to public disclosure; COUNTY operational procedures; and knowledge of selection of contractors, subcontractors or suppliers in advance of official announcement.

16.2 The CONTRACTOR shall protect from unauthorized disclosure names and other identifying information concerning persons receiving services pursuant to this Agreement, except for general statistical information not identifying any person. The CONTRACTOR shall not use such information for any purpose other than carrying out the CONTRACTOR's obligations under this Agreement. The CONTRACTOR shall promptly transmit to the COUNTY all third party requests for disclosure of such information. The CONTRACTOR shall not disclose, except as otherwise specifically permitted by this Agreement or authorized in advance in writing by the COUNTY, any such information to anyone other than the COUNTY. For purposes of this paragraph, identity shall include, but not be limited to, name, identifying number, symbol, or other identifying particulars assigned to the individual, such as finger or voice print or a photograph.

17. ADMINISTRATION/CONTRACT LIAISON

The COUNTY Purchasing Agent, or designee, shall administer this Agreement on behalf of the COUNTY. The Purchasing Department is to serve as the liaison with CONTRACTOR in connection with this Agreement.

18. NOTICES

All correspondence and notices required or contemplated by this Agreement shall be delivered to the respective parties at the addresses set forth below and are deemed submitted two days after their deposit in the United States mail, postage prepaid:

COUNTY OF RIVERSIDE
Purchasing and Fleet Services
2980 Washington Street
Riverside, CA 92504
Scott Haddon

CONTRACTOR
E.S. Babcock & Sons, Inc.
6100 Quail Valley Court
Riverside, CA 92507
Allison McKenzie

Riverside County Waste Management Department Services
14310 Frederick Street, Moreno Valley, CA 92553 – Attn: Panda Workman

19. FORCE MAJEURE

If either party is unable to comply with any provision of this Agreement due to causes beyond its reasonable control, and which could not have been reasonably anticipated, such as acts of God, acts of war, civil disorders, or other similar acts, such party shall not be held liable for such failure to comply.

20. EDD REPORTING REQUIREMENTS

In order to comply with child support enforcement requirements of the State of California, the COUNTY may be required to submit a Report of Independent Contractor(s) form **DE 542** to the Employment Development Department. The CONTRACTOR agrees to furnish the required data and certifications to the COUNTY within 10 days of notification of award of Agreement when required by the EDD. This data will be transmitted to governmental agencies charged with the establishment and enforcement of child support orders. Failure of the CONTRACTOR to timely submit the data and/or certificates required may result in the contract being awarded to another contractor. In the event a contract has been issued, failure of the CONTRACTOR to comply with all federal and state reporting requirements for child support enforcement or to comply with all lawfully served Wage and Earnings Assignments Orders and Notices of Assignment shall constitute a material breach of Agreement. If CONTRACTOR has any questions concerning this reporting requirement, please call (916) 657-0529. CONTRACTOR should also contact its local Employment Tax Customer Service Office listed in the telephone directory in the State Government section under "Employment Development Department" or access their Internet site at www.edd.ca.gov.

21. HOLD HARMLESS/INDEMNIFICATION

21.1 CONTRACTOR shall indemnify and hold harmless the County of Riverside, its Agencies, Districts, Special Districts and Departments, their respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives (individually and collectively hereinafter referred to as Indemnitees) from any liability whatsoever, based or asserted upon any services of CONTRACTOR, its officers, employees, subcontractors, agents or

representatives arising out of or in any way relating to this Agreement, including but not limited to property damage, bodily injury, or death or any other element of any kind or nature whatsoever arising from the performance of CONTRACTOR, its officers, employees, subcontractors, agents or representatives Indemnitors from this Agreement. CONTRACTOR shall defend, at its sole expense, all costs, and fees including, but not limited, to attorney fees, cost of investigation, defense and settlements or awards, the Indemnitees in any claim or action based upon such alleged acts or omissions.

- 21.2** With respect to any action or claim subject to indemnification herein by CONTRACTOR, CONTRACTOR shall, at their sole cost, have the right to use counsel of their own choice and shall have the right to adjust, settle, or compromise any such action or claim without the prior consent of COUNTY; provided, however, that any such adjustment, settlement or compromise in no manner whatsoever limits or circumscribes CONTRACTOR'S indemnification to Indemnitees as set forth herein.
- 21.3** CONTRACTOR'S obligation hereunder shall be satisfied when CONTRACTOR has provided to COUNTY the appropriate form of dismissal relieving COUNTY from any liability for the action or claim involved.
- 21.4** The specified insurance limits required in this Agreement shall in no way limit or circumscribe CONTRACTOR'S obligations to indemnify and hold harmless the Indemnitees herein from third party claims.
- 21.5** In the event there is conflict between this clause and California Civil Code Section 2782, this clause shall be interpreted to comply with Civil Code 2782. Such interpretation shall not relieve the CONTRACTOR from indemnifying the Indemnitees to the fullest extent allowed by law.

22. INSURANCE

22.1 Without limiting or diminishing the CONTRACTOR'S obligation to indemnify or hold the COUNTY harmless, CONTRACTOR shall procure and maintain or cause to be maintained, at its sole cost and expense, the following insurance coverage's during the term of this Agreement. As respects to the insurance section only, the COUNTY herein refers to the County of Riverside, its Agencies, Districts, Special Districts, and Departments, their respective directors, officers, Board of Supervisors, employees, elected or appointed officials, agents, or representatives as Additional Insureds.

A. Workers' Compensation:

If the CONTRACTOR has employees as defined by the State of California, the CONTRACTOR shall maintain statutory Workers' Compensation Insurance (Coverage A) as prescribed by the laws of the State of California. Policy shall include Employers' Liability (Coverage B) including Occupational Disease

with limits not less than \$1,000,000 per person per accident. The policy shall be endorsed to waive subrogation in favor of The County of Riverside.

B. Commercial General Liability:

Commercial General Liability insurance coverage, including but not limited to, premises liability, unmodified contractual liability, products and completed operations liability, personal and advertising injury, and cross liability coverage, covering claims which may arise from or out of CONTRACTOR'S performance of its obligations hereunder. Policy shall name the COUNTY as Additional Insured. Policy's limit of liability shall not be less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit.

C. Vehicle Liability:

If vehicles or mobile equipment is used in the performance of the obligations under this Agreement, then CONTRACTOR shall maintain liability insurance for all owned, non-owned, or hired vehicles so used in an amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence limit. Policy shall name the COUNTY as Additional Insureds.

D. Professional Liability (ONLY TO BE INCLUDED IN CONTRACTS WITH SERVICE PROVIDERS INCLUDING BUT NOT LIMITED TO ENGINEERS, DOCTORS, AND LAWYERS).

Contractor shall maintain Professional Liability Insurance providing coverage for the Contractor's performance of work included within this Agreement, with a limit of liability of not less than \$1,000,000 per occurrence and \$2,000,000 annual aggregate. If Contractor's Professional Liability Insurance is written on a claims made basis rather than an occurrence basis, such insurance shall continue through the term of this Agreement and CONTRACTOR shall purchase at his sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that CONTRACTOR has Maintained continuous coverage with the same or original insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

E. General Insurance Provisions - All lines:

- 1) Any insurance carrier providing insurance coverage hereunder shall be admitted to the State of California and have an A M BEST rating of not less than A: VIII (A:8) unless such requirements are waived, in writing, by the County Risk Manager. If the County's Risk Manager waives a requirement for a particular insurer such waiver is only valid for that specific insurer and only for one policy term.
- 2) The CONTRACTOR must declare its insurance self-insured retention for each coverage required herein. If any such self-insured retention exceeds \$500,000 per occurrence each such retention shall have

the prior written consent of the County Risk Manager before the commencement of operations under this Agreement. Upon notification of self-insured retention unacceptable to the COUNTY, and at the election of the County's Risk Manager, CONTRACTOR'S carriers shall either; 1) reduce or eliminate such self-insured retention as respects this Agreement with the COUNTY, or 2) procure a bond which guarantees payment of losses and related investigations, claims administration, and defense costs and expenses.

3) CONTRACTOR shall cause CONTRACTOR'S insurance carrier(s) to furnish the County of Riverside with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of Endorsements effecting coverage as required herein, and 2) if requested to do so orally or in writing by the County Risk Manager, provide original Certified copies of policies including all Endorsements and all attachments thereto, showing such insurance is in full force and effect. Further, said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that thirty (30) days written notice shall be given to the County of Riverside prior to any material modification, cancellation, expiration or reduction in coverage of such insurance. In the event of a material modification, cancellation, expiration, or reduction in coverage, this Agreement shall terminate forthwith, unless the County of Riverside receives, prior to such effective date, another properly executed original Certificate of Insurance and original copies of endorsements or certified original policies, including all endorsements and attachments thereto evidencing coverage's set forth herein and the insurance required herein is in full force and effect. CONTRACTOR shall not commence operations until the COUNTY has been furnished original Certificate (s) of Insurance and certified original copies of endorsements and if requested, certified original policies of insurance including all endorsements and any and all other attachments as required in this Section. An individual authorized by the insurance carrier shall sign the original endorsements for each policy and the Certificate of Insurance.

4) It is understood and agreed to by the parties hereto that the CONTRACTOR'S insurance shall be construed as primary insurance, and the COUNTY'S insurance and/or deductibles and/or self-insured retention's or self-insured programs shall not be construed as contributory.

5) If, during the term of this Agreement or any extension thereof, there is a material change in the scope of services; or, there is a material change in the equipment to be used in the performance of the scope of work; or, the term of this Agreement, including any extensions thereof, exceeds five (5) years; the COUNTY reserves the right to adjust the types of insurance and the monetary limits of liability required under this Agreement, if in the County Risk Manager's reasonable judgment, the amount or type of insurance carried by the CONTRACTOR has become inadequate.

6) CONTRACTOR shall pass down the insurance obligations contained herein to all tiers of subcontractors working under this Agreement.

7) The insurance requirements contained in this Agreement may be met with a program(s) of self-insurance acceptable to the COUNTY.

8) CONTRACTOR agrees to notify COUNTY of any claim by a third party or any incident or event that may give rise to a claim arising from the performance of this Agreement.

23. GENERAL

- 23.1** CONTRACTOR shall not delegate or assign any interest in this Agreement, whether by operation of law or otherwise, without the prior written consent of COUNTY. Any attempt to delegate or assign any interest herein shall be deemed void and of no force or effect.
- 23.2** Any waiver by COUNTY of any breach of any one or more of the terms of this Agreement shall not be construed to be a waiver of any subsequent or other breach of the same or of any other term of this Agreement. Failure on the part of COUNTY to require exact, full, and complete compliance with any terms of this Agreement shall not be construed as in any manner changing the terms or preventing COUNTY from enforcement of the terms of this Agreement.
- 23.3** In the event the CONTRACTOR receives payment under this Agreement, which is later disallowed by COUNTY for nonconformance with the terms of the Agreement, the CONTRACTOR shall promptly refund the disallowed amount to the COUNTY on request; or at its option the COUNTY may offset the amount disallowed from any payment due to the CONTRACTOR.
- 23.4** CONTRACTOR shall not provide partial delivery or shipment of services or products unless specifically stated in the Agreement.
- 23.5** CONTRACTOR shall not provide any services or products subject to any chattel mortgage or under a conditional sales contract or other agreement by which an interest is retained by a third party. The CONTRACTOR warrants that it has good title to all materials or products used by CONTRACTOR or provided to COUNTY pursuant to this Agreement, free from all liens, claims, or encumbrances.
- 23.6** Nothing in this Agreement shall prohibit the COUNTY from acquiring the same type or equivalent equipment, products, materials or services from other sources, when deemed by the COUNTY to be in its best interest. The COUNTY reserves the right to purchase more or less than the quantities specified in this Agreement.
- 23.7** The COUNTY agrees to cooperate with the CONTRACTOR in the CONTRACTOR's performance under this Agreement, including, if stated in the Agreement, providing the CONTRACTOR with reasonable facilities and timely access to COUNTY data, information, and personnel.
- 23.8** CONTRACTOR shall comply with all applicable Federal, State and local laws and regulations. CONTRACTOR will comply with all applicable COUNTY policies and procedures. In the event

that there is a conflict between the various laws or regulations that may apply, the CONTRACTOR shall comply with the more restrictive law or regulation.

- 23.9 CONTRACTOR shall comply with all air pollution control, water pollution, safety and health ordinances, statutes, or regulations, which apply to performance under this Agreement.
- 23.10 CONTRACTOR shall comply with all requirements of the Occupational Safety and Health Administration (OSHA) standards and codes as set forth by the U.S. Department of Labor and the State of California (Cal/OSHA).
- 23.11 This Agreement shall be governed by the laws of the State of California. Any legal action related to the performance or interpretation of this Agreement shall be filed only in the Superior Court of the State of California located in Riverside, California, and the parties waive any provision of law providing for a change of venue to another location. In the event any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.
- 23.12 This Agreement, including any attachments or exhibits, constitutes the entire Agreement of the parties with respect to its subject matter and supersedes all prior and contemporaneous representations, proposals, discussions and communications, whether oral or in writing. This Agreement may be changed or modified only by a written amendment signed by authorized representatives of both parties.

COUNTY

County of Riverside Administrative Center
4080 Lemon Street
Riverside, CA 92501

By: _____

Jeff Stone
Chairman, Board of Supervisors

Date: _____

ATTEST:

KECIA HARPER-IHEM, Clerk of the Board

By: _____

Deputy

CONTRACTOR

E.S. Babcock & Sons, Inc.
6100 Quail Valley Court
Riverside, CA ;92507

By:  _____

Allison McKenzie
Chief Executive Officer/Chief Financial Officer

Date: 1/31/14

APPROVED AS TO FORM:

NEAL KIPNIS, COUNTY Counsel


FORM APPROVED COUNTY COUNSEL
BY:  _____
NEAL R. KIPNIS DATE

EXHIBIT A – SCOPE OF SERVICE

1. Contractor Requirements

The CONTRACTOR shall provide all sample containers, with appropriate preservatives, for the requisite analytical method. Each container shall be new and unused (certified clean) or if cleaned by the CONTRACTOR, clean certification must be provided. The CONTRACTOR shall transport/ship the sample containers to COUNTY upon request. The COUNTY will supply ice chests (coolers) and ice.

2. Sample Analyses

The analytes or analytical methods anticipated for each of the different media types is described below. Analytes or analytical methods not included on the attached parameter lists may be requested during the year. Therefore a unit price for these shall be determined at the time of request.

2.1 Groundwater Sampling

2.1.1 Detection Monitoring

The COUNTY is required to perform laboratory analysis of groundwater samples on a quarterly and semi-annual basis, depending on the site. A list of monitoring parameters the COUNTY is required to analyze for Groundwater Detection Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” In addition, for each groundwater sample set, the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B constituents. Provisions for quarterly and semi-annual analytical services are therefore required.

2.1.1.1 Constituents of Concern (COC) Monitoring

In addition to the previously mentioned quarterly and semi-annual analyses, the COUNTY is required to perform a laboratory analysis for Constituents of Concern (COCs) once every five years, when entering an Evaluation Monitoring Plan (EMP), for newly installed wells, or as required by the RWQCBs. A list of the monitoring parameters the COUNTY is required to analyze for COC scan. Groundwater Constituents of Concern Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” In addition, the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. The COUNTY is scheduled to perform the five-year COC scan for most wells during the 2015-2016 fiscal year. Provisions for COC analytical services are therefore required if the contract is renewed to include the 2015-2016 fiscal year. Information is listed in Exhibit B of Fee Schedule

2.1.1.2 Stormwater Sampling

At a minimum, the COUNTY is required to perform laboratory analysis of stormwater samples twice during each fiscal year for each stormwater sampler. Provisions for stormwater sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.3 Leachate Collection System Sampling

The COUNTY is required to perform laboratory analysis of leachate samples at least once per year per applicable site. In addition, for each leachate sample the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. Provisions for leachate sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.4 Gas Condensate Sampling

At a minimum, the COUNTY is required to perform laboratory analysis of gas condensate samples annually. In addition, for each gas condensate sample the COUNTY analyzes each travel blank, at a minimum, for EPA 8260B and EPA 8270C constituents. Provisions for gas condensate sampling analytical services are therefore required. Information is listed in Exhibit B of Fee Schedule.

2.1.1.5 Soil Analysis

At times, the COUNTY is required to perform laboratory analysis of soil samples in an effort to determine contaminant levels in septic ponds, excavations, and near leachate seeps. Provisions for

soil sampling analytical services are therefore required. At the time of sample delivery, not all parameters may be requested for analysis. Information is listed in Exhibit B of Fee Schedule.

2.1.1.6 Office Water Tank Analysis

At times, the COUNTY is required to perform laboratory analysis of water samples in an effort to determine contaminant levels in the non-potable water used at some of the active sites. A list of the monitoring parameters the COUNTY *may* be required to analyze water samples for Groundwater Detection Monitoring Santa Ana, San Diego, and Colorado Regional Water Quality Control Boards.” Provisions for water sampling analytical services are therefore required. At the time of sample delivery, not all parameters may be requested for analysis. Information is listed in Exhibit B of Fee Schedule

3. Performance Specifications

3.1.1 Time of Performance

The CONTRACTOR shall be able to respond to COUNTY requests for sample container and sample pickups/drop offs in a timely manner. The CONTRACTOR shall transport/ship sample containers to COUNTY’s facilities within 36-hour notice. The CONTRACTOR shall transport/ship samples for CONTRACTOR analysis, within the analytical test method hold times, upon 24-hour notice of sample collection.

Analytical results shall be submitted in a timely manner and consist of all analytical results being reported to the COUNTY per each Chain of Custody event (i.e. all requested analysis on a single Chain of Custody must be sent to the COUNTY at one time under the same cover letter).

3.1.2 Destroyed and/or Lost Samples

The CONTRACTOR shall provide for monetary refunds for the cost of analysis, if procedures are performed in direct violation of instructions by COUNTY, if the CONTRACTOR destroys or loses samples, if the CONTRACTOR does not analyze the samples in a timely manner, meeting the test method holding times, or if quality control testing indicates that there is a problem with the CONTRACTOR’s test methods. Compensation for labor costs associated with the COUNTY’s re-sampling efforts (if required) shall be the responsibility of the CONTRACTOR.

3.1.3 Delayed Reporting of Results

If the analyses are not prepared within the specified timeframe, the CONTRACTOR shall provide the COUNTY with a written explanation as to the circumstances surrounding such delay and/or destruction of samples. This explanation shall be sufficient to provide COUNTY with satisfactory information for inclusion into reports prepared by COUNTY to regulatory agencies.

Failure to submit analytical results in accordance with the time schedule may result in loss of future work. Consistent delays in transmitting analytical results may cause cancellation of purchase order/agreement in accordance with Section 8 (Inspection of Service; Quality Control/Assurance) of the General Conditions in Personal/Professional Services Agreement (PSA), which precedes Appendix A.

4. Billing Requirements

All invoices/billing requests shall be submitted at the end of each month for the preceding month's analytical results. An invoice shall be prepared for each sampling event/Chain of Custody. The invoice/bill request shall include the Site name, sample identification, sample date, number of analyses, unit prices and costs, and CONTRACTOR tracking number. Failure to submit invoices in the format specified may delay payment by the COUNTY.

5. Quality Assurance / Quality Control

Current expectations by the COUNTY include:

- a) All testing procedures shall be completed in accordance with the most recent version listed in the U.S. EPA’s

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846) and/or Standard Methods for the Examination of Water and Wastewater (American Public Health Association, American Water Works Association, and Water Environment Federation).

- b) The CONTRACTOR logbook is to be accessible to the COUNTY during the course of the project.
- c) The analysis of a Matrix Spike/Matrix Spike Duplicate at a frequency of 1 per 20 samples of similar matrix.
- d) The analysis of a CONTRACTOR Control Sample with each extraction batch or 1 per 20 samples.
- e) The analysis of a Method Blank with each extraction batch or 1 per 20 samples.
- f) The analysis of a single control sample (for organics) per batch.
- g) Reporting Limits (RLs) and Method Detection Limits (MDLs) shall be derived and performed by the CONTRACTOR for each analyte, according to the requirements of the test method or the California Department of Public Health, Environmental Laboratory Accreditation Program (ELAP), whichever is more stringent. The CONTRACTOR shall adhere to the RLs and MDLs specified in the CONTRACTOR's proposal, specifically Tables H through L. Samples results less than the RL but greater than the MDL shall be "J" flagged and so noted in the CONTRACTOR report.

All work papers prepared in connection with the contractual services will remain the property of the successful bidder, however all reports rendered to the COUNTY are the exclusive property of the COUNTY and subject to its use and control.

The CONTRACTOR shall submit analytical results to the COUNTY in the formats specified below.

6. Reporting Requirements/Format of Data

6.1.1 Hard Copies

Analytical results shall be certified (a cover letter signed by the CONTRACTOR director stating that the data meets state certification standards). The cover letter should also state what date the digital data was sent via electronic mail.

All data deliverables, with the exception of the raw data requirement, are required to comply with EPA Region IX deliverables, which is equivalent to Exhibit C, Data Deliverables Summary Table. All analytical reports shall be submitted electronically as PDF report, which is formatted easily to read and includes, at a minimum, the following:

6.1.1.1 Case Narrative

Sample Description Summary
Summary of Anomalies or Nonconformance

6.1.1.2 Data Summary

Client Sample ID
CONTRACTOR Sample ID
Site Name
Sample Date
Receipt Date
Extraction Date
Analysis Date
Method Reference
Target Analyte
Sample Results
Data Qualifier(s)
Units
Reporting Limit
Method Detection Limit

RLs and MDLs shall be specified along with the results of the sample analysis.

6.1.1.3 Quality Assurance Summary

Matrix Spike/Matrix Spike Duplicate Summary
 Original Sample Amount
 Spike Amount
 Spike Recovery
 Control Limits
 Precision and Accuracy
 CONTRACTOR Control Spike/Spike Duplicate Summary
 Spike Amount
 Spike Recovery
 Control Limits
 Precision and Accuracy
 Method Blank Summary
 Single Control Sample (Organics only)

All QA/QC data shall be reported, along with the sample results to which it applies, including the method, equipment, and analytical detection limits, the recovery rates, an explanation for any recovery rate that is less than 80 percent (a requirement of the California Regional Water Quality Control Board - Colorado River Region), the results of equipment and method blanks, the results of spiked and surrogate samples, the frequency of quality control analysis, and the name of the person(s) performing the analyses. Sample results shall be reported unadjusted for blank results or spike recovery. The CONTRACTOR shall notify the COUNTY immediately, via telephone, if the sample analysis fails the requisite QA/QC criteria. In cases where contaminants are detected in QA/QC samples (i.e. field, trip, or method blanks), the accompanying sample results shall be appropriately flagged.

6.1.1.4 Chain of Custody Documentation

The report shall include all necessary chain of custody documentation.

6.1.1.5 Additional Parameters

When additional monitoring parameters are reported (either through more advanced analysis techniques or improved equipment) for a monitoring event, the selected CONTRACTOR shall advise the COUNTY in writing as to the revised methodology, the additional parameter, the corresponding CAS number and any other applicable changes.

6.1.1.6 "Unknown Peak" reporting

For the volatile and semi-volatile GC/MS methods, the ten and twenty, respectively, largest non-target analyte peaks whose area count exceeds 10 percent of the nearest internal standard will be termed "Tentatively Identified Compounds" (TICs). The identification of TICs shall be made per SW-846 guidelines. Quantitation shall be an estimation of the concentration using the nearest internal standard as per EPA protocol and assuming a response factor (RF) for TIC of "1". The report shall indicate that the value is an estimate and identify which internal standard was used for the estimation. All costs of identifying or tentatively identifying and quantifying any unknown analytes shall be born by the CONTRACTOR and shall be included in the unit rates proposed by the CONTRACTOR.

6.1.2 Digital (PC Compatible) Copies

In addition to the PDF copies listed above, all data must be submitted in an ASCII Tab Delimited format in the categories/fields and order as shown in Exhibit D. Also, since all of the COUNTY's data will be linked by "CAS numbers," it is imperative that the CONTRACTOR lists ALL parameters with the correct CAS number, as shown on Exhibit B. TICs must have a "Y" in the last column and must have a CAS number listed in the third column, as shown on Exhibit D.

Digital data shall be submitted to the COUNTY, via electronic mail, within the amount of time specified in the CONTRACTOR's proposal after receipt of samples. If the data is not received by the COUNTY within the specified timeframe, provisions for compensation to the COUNTY will be provided for (see section of the Performance Specifications). All digitally transmitted data shall contain the selected CONTRACTOR's State Certification Number and Lab Number in the digital file.

6.1.3 GeoTracker Electronic Deliverable Format (EDF)

In addition to the PDF copies and digital format specified above, all applicable data must be submitted in State Water Resources Control Board GeoTracker Electronic Deliverable Format (EDF). The laboratory shall be solely responsible for uploading all requisite laboratory information to the GeoTracker website, in the format and manner specified by the State Water Sources Control Board and/or local Regional Water Quality Control Board. The bidders shall anticipate that all groundwater, leachate, gas condensate and soil samples analyzed will require an EDF upload to GeoTracker. The COUNTY will specify on the chain of custody whether an EDF submittal is required. Stormwater sample reports will not require an EDF submittal. The laboratory shall notify the COUNTY upon successful upload of EDF submittals. Please refer to the State Water Resources Control Board website if additional information is needed regarding EDF submittals:

http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/

EXHIBIT B – FEE SCHEDULE

Groundwater Detection Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonium Nitrogen (NH4-N)	SM4500NH3H	0.059	0.1	mg/l	7664-41-7	\$ 6.00
Chloride (Cl)	E 300.0	1	1	mg/l	1-00-3	\$ 6.00
Iron (Fe)	E 6010B	0.002	0.02	mg/l	7439-89-6	\$ 6.00
Iron II	E 6010B	0.002	0.02	mg/l		\$ 6.00
LAB pH	SM4500 H+B	1	1	units	1-00-6	\$ 7.00
Nitrate (NO3-N)	E 300.0	0.11	0.2	mg/l	25-90-0	\$ 6.00
Phosphate (PO4)	SM4500 PBE	0.01	0.05	mg/l	226750-80-0	\$ 15.00
Silicon (Si)	E 6010B	0.083	5	mg/l	7440-21-3	\$ 6.00
Specific Conductance	SM 2510B	1	1	umho/cm	1-01-1	\$ 6.00
Strontium (Sr), Total	E 6010B	0.002	0.1	mg/l	7440-24-6	\$ 6.00
Sulfate (SO4)	E 300.0	0.37	0.5	mg/l	3-03-5	\$ 6.00
Total Organic Carbon (TOC)	SM 5310B	0.16	0.7	mg/l	1-01-2	\$ 20.00
Total Dissolved Solids (TDS)	SM 2540C	5.5	10	mg/l	1-01-0	\$ 7.00
Turbidity	SM 2130B	0.1	0.2	NTU	16	\$ 5.00
Diesel						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Hydrocarbons	E 8015	0.5	1	ug/l		\$ 35.00
EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	E 8011	0.0043	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	E 8011	0.0034	0.01	ug/l	106-93-4	
Subtotal - EDB and DBCP						\$ 40.00
Dissolved Gases						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ethene	E 3 Mod	10	10	mg/l	74-82-8	\$ 35.00
Hydrogen Sulfide	E 3 Mod	10	10	mg/l	64/7783	\$ 35.00
Methane	E 3 Mod	10	10	mg/l	74-85-1	\$ 35.00
Fatty Acids						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Acetic Acid	SM 5560C	20	20	mg/l	64-19-7	
Butyric Acid	SM 5560C	20	20	mg/l	107-92-6	
Lactic Acid	SM 5560C	20	20	mg/l	50-21-5	
Propionic Acid	SM 5560C	20	20	mg/l	79-09-4	
Pyruvic Acid	SM 5560C	20	20	mg/l	127-17-3	
Subtotal - Fatty Acides						\$ 150.00
Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	E 8260	0.14	0.5	ug/l	630-20-6	
1,1,1-Trichloroethane	E 8260	0.12	0.5	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	E 8260	0.29	0.5	ug/l	79-34-5	
1,1,2-Trichloroethane	E 8260	0.31	0.5	ug/l	79-00-5	
1,1-Dichloroethane	E 8260	0.098	0.5	ug/l	75-34-3	
1,1-Dichloroethene	E 8260	0.12	0.5	ug/l	75-35-4	
1,1-Dichloropropene	E 8260	0.14	0.5	ug/l	563-58-6	
1,2,3-Trichloropropane	E 8260	0.29	0.5	ug/l	96-18-4	
1,2,4-Trichlorobenzene	E 8260	0.34	0.5	ug/l	120-82-1	
1,2-Dichlorobenzene	E 8260	0.2	0.5	ug/l	95-50-1	
1,2-Dichloroethane	E 8260	0.21	0.5	ug/l	107-06-2	
1,2-Dichloropropane	E 8260	0.19	0.5	ug/l	78-87-5	

Groundwater Detection Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,3-Dichlorobenzene	E 8260	0.15	0.5	ug/l	541-73-1	
1,3-Dichloropropane	E 8260	0.22	0.5	ug/l	142-28-9	
1,4-Dichlorobenzene	E 8260	0.072	0.5	ug/l	106-46-7	
2,2-Dichloropropane	E 8260	0.49	0.5	ug/l	594-20-7	
2-Butanone (MEK)	E 8260	1.2	3	ug/l	78-93-3	
2-Hexanone	E 8260	1.2	5	ug/l	591-78-6	
Acetone	E 8260	5	5	ug/l	67-64-1	
Acetonitrile	E 8260	2.2	10	ug/l	75-05-8	
Acrolein	E 8260	3.7	10	ug/l	107-02-8	
Acrylonitrile	E 8260	3.3	10	ug/l	107-13-1	
Allyl Chloride	E 8260	0.2	5	ug/l	107-05-1	
Benzene	E 8260	0.14	0.5	ug/l	71-43-2	
Benzyl Chloride	E 8260	0.133	0.5	ug/l	100-44-77	
Bromochloromethane	E 8260	0.33	0.5	ug/l	74-97-5	
Bromodichloromethane	E 8260	0.11	0.5	ug/l	75-27-4	
Bromoform	E 8260	0.13	0.5	ug/l	75-25-2	
Bromomethane	E 8260	0.48	0.5	ug/l	74-83-9	
Carbon Disulfide	E 8260	0.36	0.5	ug/l	75-15-0	
Carbon Tetrachloride	E 8260	0.15	0.5	ug/l	56-23-5	
Chlorobenzene	E 8260	0.23	0.5	ug/l	108-90-7	
Chloroethane	E 8260	0.35	0.5	ug/l	75-00-3	
Chloroform	E 8260	0.17	0.5	ug/l	67-66-3	
Chloromethane	E 8260	0.36	0.5	ug/l	74-87-3	
Chloroprene	E 8260	0.21	10	ug/l	126-99-8	
cis-1,2-Dichloroethene	E 8260	0.18	0.5	ug/l	156-59-2	
cis-1,3-Dichloropropene	E 8260	0.3	0.5	ug/l	10061-01-5	
Dibromochloromethane	E 8260	0.37	0.5	ug/l	124-48-1	
Dibromomethane	E 8260	0.16	0.5	ug/l	74-95-3	
Dichlorodifluoromethane	E 8260	0.18	0.5	ug/l	75-71-8	
Ethyl Methacrylate	E 8260	0.48	0.5	ug/l	97-63-2	
Ethylbenzene	E 8260	0.26	0.5	ug/l	100-41-4	
Iodomethane	E 8260	1.1	10	ug/l	74-88-4	
Isobutyl Alcohol	E 8260	4.8	100	ug/l	78-83-1	
Methacrylonitrile	E 8260	2.9	10	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	E 8260	0.95	5	ug/l	108-10-1	
Methyl Methacrylate	E 8260	0.96	5	ug/l	80-62-6	
Methylene Chloride	E 8260	0.15	3	ug/l	75-09-2	
Naphthalene	E 8260	0.44	0.5	ug/l	91-20-3	
Propionitrile	E 8260	3.7	200	ug/l	107-12-0	
Styrene	E 8260	0.22	0.5	ug/l	100-42-5	
Tetrachloroethene	E 8260	0.17	0.5	ug/l	127-18-4	
Toluene	E 8260	0.22	0.5	ug/l	108-88-3	
Total Xylenes	E 8260	0.359	0.5	ug/l	1330-20-7	
m-Xylene	E 8260	0.359	0.5	ug/l	108-38-3	
o-Xylene	E 8260	0.41	0.5	ug/l	95-47-6	
p-Xylene	E 8260	0.359	0.5	ug/l	106-42-3	
trans-1,2-Dichloroethene	E 8260	0.1	0.5	ug/l	156-60-5	
trans-1,3-Dichloropropene	E 8260	0.24	0.5	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	E 8260	0.58	5	ug/l	110-57-6	
Trichloroethene	E 8260	0.17	0.5	ug/l	79-01-6	
Trichlorofluoromethane	E 8260	0.16	5	ug/l	75-69-4	
Vinyl Acetate	E 8260	0.48	10	ug/l	108-05-4	
Vinyl Chloride	E 8260	0.13	0.5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Region Detection Set Price						\$ 75.00
Semi-Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	E 8270	1.9	10	ug/l	95-94-3	

Groundwater Detection Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,3,5-Trinitrobenzene	E 8270	1.5	10	ug/l	99-35-4	
1,4-Naphthoquinone	E 8270	1.9	10	ug/l	130-15-4	
1-Naphthylamine	E 8270	1.8	20	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	E 8270	2	10	ug/l	58-90-2	
2,4,5-Trichlorophenol	E 8270	1.8	20	ug/l	95-95-4	
2,4,6-Trichlorophenol	E 8270	1.9	10	ug/l	88-06-2	
2,4-Dichlorophenol	E 8270	1.8	10	ug/l	120-83-2	
2,4-Dimethylphenol	E 8270	1.7	10	ug/l	105-67-9	
2,4-Dinitrophenol	E 8270	1.6	50	ug/l	51-28-5	
2,4-Dinitrotoluene	E 8270	1.8	10	ug/l	121-14-2	
2,6-Dichlorophenol	E 8270	1.9	10	ug/l	87-65-0	
2,6-Dinitrotoluene	E 8270	1.9	10	ug/l	606-20-2	
2-Acetylaminofluorene	E 8270	2	20	ug/l	53-96-3	
2-Chloronaphthalene	E 8270	1.8	10	ug/l	91-58-7	
2-Chlorophenol	E 8270	1.8	10	ug/l	95-57-8	
2-Methylnaphthalene	E 8270	1.8	10	ug/l	91-57-6	
2-Naphthylamine	E 8270	2.4	10	ug/l	91-59-8	
2-Nitroaniline	E 8270	1.8	50	ug/l	88-74-4	
2-Nitrophenol	E 8270	2.1	10	ug/l	88-75-5	
3,3'-Dichlorobenzidine	E 8270	2.1	20	ug/l	91-94-1	
3,3'-Dimethylbenzidine	E 8270	7.3	10	ug/l	119-93-7	
3-Methylcholanthrene	E 8270	4	10	ug/l	56-49-5	
3-Nitroaniline	E 8270	1.5	50	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	E 8270	1.8	50	ug/l	534-52-1	
4-Aminobiphenyl	E 8270	2.8	20	ug/l	92-67-1	
4-Bromophenyl phenyl ether	E 8270	1.6	10	ug/l	101-55-3	
4-Chloro-3-methylphenol	E 8270	1.6	20	ug/l	59-50-7	
4-Chloroaniline	E 8270	1.5	20	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	E 8270	1.8	10	ug/l	7005-72-3	
4-Nitroaniline	E 8270	1.9	20	ug/l	100-01-6	
4-Nitrophenol	E 8270	1.1	50	ug/l	100-02-7	
5-Nitro-o-toluidine	E 8270	2	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	E 8270	3	10	ug/l	57-97-6	
Acenaphthene	E 8270	1.9	10	ug/l	83-32-9	
Acenaphthylene	E 8270	2	10	ug/l	208-96-8	
Acetophenone	E 8270	1.8	10	ug/l	98-86-2	
Anthracene	E 8270	1.8	10	ug/l	120-12-7	
Benzo(a)anthracene	E 8270	1.7	10	ug/l	56-55-3	
Benzo(a)pyrene	E 8270	2	10	ug/l	50-32-8	
Benzo(b)fluoranthene	E 8270	1.5	10	ug/l	205-99-2	
Benzo(ghi)perylene	E 8270	1.9	10	ug/l	191-24-2	
Benzo(k)fluoranthene	E 8270	2.2	10	ug/l	207-08-9	
Benzyl Alcohol	E 8270	1.4	20	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	E 8270	1.8	10	ug/l	111-91-1	
Bis(2-chloroethyl) ether	E 8270	1.8	10	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	E 8270	1.9	10	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	E 8270	2.3	3	ug/l	117-81-7	
Butyl benzyl Phthalate	E 8270	1.6	10	ug/l	85-68-7	
Chlorobenzilate	E 8270	1.9	10	ug/l	510-15-6	
Chrysene	E 8270	1.6	10	ug/l	218-01-9	
Diallate	E 8270	2.2	10	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	E 8270	2	10	ug/l	53-70-3	
Dibenzofuran	E 8270	1.9	10	ug/l	132-64-9	
Diethyl Phthalate	E 8270	1.8	10	ug/l	84-66-2	
Dimethoate	E 8270	0.99	20	ug/l	60-51-5	
Dimethyl Phthalate	E 8270	1.7	10	ug/l	131-11-3	
Di-n-butyl Phthalate	E 8270	1.9	10	ug/l	84-74-2	
Di-n-octyl Phthalate	E 8270	2.6	10	ug/l	117-84-0	

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Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dinoseb	E 8270	1.9	20	ug/l	88-85-7	
Diphenylamine	E 8270	1.7	10	ug/l	122-39-4	
Disulfoton	E 8270	1.8	10	ug/l	298-04-4	
Ethyl Methanesulfonate	E 8270	1.4	20	ug/l	62-50-0	
Famphur	E 8270	0.64	1000	ug/l	52-85-7	
Fluoranthene	E 8270	2	10	ug/l	206-44-0	
Fluorene	E 8270	2	10	ug/l	86-73-7	
Hexachlorobenzene	E 8270	1.6	10	ug/l	118-74-1	
Hexachlorobutadiene	E 8270	1.8	10	ug/l	87-68-3	
Hexachlorocyclopentadiene	E 8270	1.7	50	ug/l	77-47-4	
Hexachloroethane	E 8270	1.6	10	ug/l	67-72-1	
Hexachloropropene	E 8270	2	10	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	E 8270	2	10	ug/l	193-39-5	
Isodrin	E 8270	2	20	ug/l	465-73-6	
Isophorone	E 8270	1.9	10	ug/l	78-59-1	
Isosafrole	E 8270	2	10	ug/l	120-58-1	
Kepon	E 8270	1.8	100	ug/l	143-50-0	
m-Cresol	E 8270	3.08	10	ug/l	108-39-4	
m-Dinitrobenzene	E 8270	1.8	20	ug/l	99-65-0	
Methapyrene	E 8270	4	100	ug/l	91-80-5	
Methyl Methanesulfonate	E 8270	1.4	10	ug/l	66-27-3	
Methyl Parathion	E 8270	0.64	10	ug/l	298-00-0	
Nitrobenzene	E 8270	2	10	ug/l	98-95-3	
N-Nitrosodiethylamine	E 8270	1.5	20	ug/l	55-18-5	
N-Nitrosodimethylamine	E 8270	1.4	10	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	E 8270	1.7	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	E 8270	1.7	10	ug/l	621-64-7	
N-Nitrosodiphenylamine	E 8270	1.7	10	ug/l	86-30-6	
N-Nitrosomethylethylamine	E 8270		1.6 10	ug/l	10595-95-6	
N-Nitrosopiperidine	E 8270	1.7	20	ug/l	100-75-4	
N-Nitrosopyrrolidine	E 8270	1.5	40	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	E 8270	3.2	10	ug/l	126-68-1	
O-Cresol	E 8270	1.6	10	ug/l	95-48-7	
O-Toluidine	E 8270		1.5 20	ug/l	95-53-4	
p-(Dimethylamino) Azobenzene	E 8270	2.1	10	ug/l	60-11-7	
Parathion (Ethyl)	E 8270	0.84	10	ug/l	56-38-2	
p-Cresol	E 8270	3.08	10	ug/l	106-44-5	
Pentachlorobenzene	E 8270	1.6	10	ug/l	608-93-5	
Pentachloronitrobenzene	E 8270	1.6	20	ug/l	82-68-8	
Pentachlorophenol	E 8270	1.6	50	ug/l	87-86-5	
Phenacetin	E 8270	2.2	20	ug/l	62-44-2	
Phenanthrene	E 8270	2.2	10	ug/l	85-01-8	
Phenol	E 8270	1.1	10	ug/l	108-95-2	
Phorate	E 8270	0.85	10	ug/l	298-02-2	
p-Phenylenediamine	E 8270	0.37	10	ug/l	106-50-3	
Pronamide	E 8270	1.9	10	ug/l	23950-58-5	
Pyrene	E 8270	1.7	10	ug/l	129-00-0	
Safrole	E 8270	1.9	10	ug/l	94-59-7	
Thionazln	E 8270		0.69 10	ug/l	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Detection Set Price						\$ 150.00
Miscellaneous Constituents*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Color	SM 2120B	3	3	Color Units		\$ 5.00
Cyanide (CN)	SM 2120B	0.005	0.005	mg/l	57-12-5	\$ 20.00
Fluoride (F)	SM 4500 FC	0.05	0.1	mg/l	16984-48-8	\$ 6.00
Foaming Agents (MBAS)	SM 5540C	0.03	0.05	mg/l		\$ 25.00
Heterotrophic Plate Count	SM 9210B	1	1	CFU/mL		\$ 3.00

Groundwater Detection Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Methyl-tert-butyl ether (MTBE)	E8260	0.43	3	ug/l	1634-04-4	\$ 25.00
Nitrate (as nitrogen)	E 300.0	0.11	0.2	mg/l	14797-65-0	\$ 6.00
Nitrate as NO3	E 300.0	0.47	1	mg/l	14797-55-8	\$ 6.00
Odor - Thiobencarb	SM 2150	1	1	Odor Units		\$ 5.00
Perchlorate	E 314.0	0.49	4	mg/l	14797-73-0	\$ 25.00
Total Coliform	SM 9221B	1	1	MNP/100 mL		\$ 25.00
Total E. Coliform	SM 9221F	1	1	MNP/100 mL		\$ 15.00
Subtotal - Miscellaneous Constituents						\$ 166.00

*Some parameters may not be required for all sites, however all chain of custodies will include a parameter list.

Groundwater Constituents of Concern Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonium Nitrogen (NH4-N)	SM 4500NH3N	0.059	0.1	mg/l	10	\$ 6.00
Chemical Oxygen Demand (COD)	SM 5220D	6.3	10	mg/l	1-00-4	\$ 20.00
Cyanide (CN)	SM 4500 CNE	0.005	0.005	mg/l	5955-70-0	\$ 20.00
Kjeldahl Nitrogen	E 351.2	0.063	0.1	mg/l	15	\$ 25.00
LAB pH	SM 4500 H+B	1	1	units	1-00-6	\$ 7.00
Organic Nitrogen	Calculation	0.02	0.1	mg/l	8	\$ -
Phenols	EPA 420.4	0.016	0.02	mg/l	54-30-0	\$ 24.00
Phosphate (PO4)	SM 4500 PBE	0.01	0.05	mg/l	226750-80-0	\$ 15.00
Specific Conductance	SM 2510B	1	1	umho/cm	1-01-1	\$ 6.00
Total Dissolved Solids	SM 2540C	5.5	10	mg/l	1-01-0	\$ 7.00
Total Organic Carbon (TOC)	SM 5310B	0.16	0.7	mg/l	1-01-2	\$ 20.00
Total Organic Halogens (TOX)	SM 5320	0.015	0.05	mg/l	527650-80-0	\$ 70.00
Total Phosphorus (P)	SM 4500 PBE	0.01	0.05	mg/l	6791520-80-0	\$ 15.00
Total Sulfide	SM 4500 S2D	0.1	0.1	mg/l	1055-70-0	\$ 10.00
Turbidity	SM 2130 B	0.1	0.2	NTU	16	\$ 5.00
Subtotal - General Chemistry - Constituents of Concern Set Price						\$ 250.00

Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Aluminum (Al)	E6010B	0.025	0.05	mg/l	7429-90-5	\$ 6.00
Antimony (Sb), Total	E 6020	0.003	0.006	mg/l	7440-36-0	\$ 6.00
Arsenic (As), Total	E 6020	0.0016	0.002	mg/l	7440-38-2	\$ 6.00
Barium (Ba), Total	E 6020	0.00056	0.1	mg/l	7440-39-3	\$ 6.00
Beryllium (Be), Total	E 6020	0.00017	0.001	mg/l	7440-41-7	\$ 6.00
Boron (B)	E6010B	0.006	0.1	mg/l	7440-42-8	\$ 6.00
Cadmium (Cd), Total	E 6020	0.0006	0.001	mg/l	7440-43-9	\$ 6.00
Chromium, hexavalent	SM 3500CrD	0.003	0.01	mg/l	18540-29-9	\$ 15.00
Chromium, Total (Cr)	E 6020	0.004	0.01	mg/l	7440-47-3	\$ 6.00
Cobalt (Co), Total	E 6020	0.005	0.01	mg/l	7440-48-4	\$ 6.00
Copper (Cu), Total	E 6020	0.005	0.01	mg/l	7440-50-8	\$ 6.00
Iron (Fe), Total	E6010B	0.002	0.02	mg/l	7439-89-6	\$ 6.00
Lead (Pb), Total	E 6020	0.003	0.005	mg/l	7439-92-1	\$ 6.00
Manganese (Mn)	E 6020	0.005	0.01	mg/l	7439-96-5	\$ 6.00
Mercury (Hg), Total	E 7470A	0.00033	0.0002	mg/l	7439-97-6	\$ 15.00
Nickel (Ni), Total	E 6020	0.005	0.01	mg/l	7440-02-0	\$ 6.00
Selenium (Se), Total	E 6020	0.003	0.005	mg/l	7782-49-2	\$ 6.00
Silicon (Si)	E6010B	0.083	5	mg/l	7440-23-5	\$ 6.00
Silver (Ag), Total	E 6020	0.005	0.01	mg/l	7440-22-4	\$ 6.00
Strontium (Sr)	E6010B	0.002	0.1	mg/l	7440-24-6	\$ 6.00
Thallium (Tl), Total	E 6020	0.005	0.001	mg/l	7440-28-0	\$ 6.00
Tin (Sn), Total	E 6020	0.005	0.01	mg/l	7440-31-5	\$ 6.00
Vanadium (V), Total	E 6020	0.005	0.01	mg/l	7440-62-2	\$ 6.00
Zinc (Zn), Total	E 6020	0.005	0.01	mg/l	7440-66-6	\$ 6.00
Subtotal - Metals - Constituents of Concern Set Price						\$ 162.00

Cations						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Calcium (Ca)	E 6010B	0.5	1	mg/l	7440-70-2	\$ 6.00
Magnesium (Mg)	E 6010B	0.5	1	mg/l	7439-95-4	\$ 6.00
Potassium (K)	E 6010B	0.5	1	mg/l	7440-09-7	\$ 6.00
Sodium (Na)	E 6010B	0.5	1	mg/l	7440-23-5	\$ 6.00

Groundwater Constituents of Concern Monitoring

Total Cations	Calculation	0.5	0.5	me/l	13	\$ -
Total Hardness	Calculation	0.35	3	mg/l	35-50-0	\$ -
Subtotal - Cations - Constituents of Concern Set Price						\$ 24.00

Groundwater Constituents of Concern Monitoring

Anions						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Bicarbonate (HCO3)	SM 2320B	1.7	3	mg/l	71-52-3	\$ -
Carbonate (CO3)	SM 2320B	1.7	3	mg/l	3812-32-6	\$ -
Chloride (Cl)	E 300.0	1	1	mg/l	1-00-3	\$ 6.00
Fluoride (F)	SM 4500 FC	0.05	0.1	mg/l	66-30-0	\$ 6.00
Hydroxide (OH)	SM 2320B	1.7	3	mg/l	4774237-70-0	\$ -
Nitrate (NO3-N)	E 300.0	0.11	0.2	mg/l	25-90-0	\$ 6.00
Sulfate (SO4)	E 300.0	0.37	0.5	mg/l	3-03-5	\$ 6.00
Total Alkalinity	SM 2320B	1.7	3	mg/l	11	\$ 8.00
Total Anions	Calculation	0.05	0.05	me/l	12	\$ -
Subtotal - Anions - Constituents of Concern Set Price						\$ 32.00

EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	E 8011	0.0043	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	E 8011	0.0034	0.02	ug/l	106-93-4	
Subtotal - EDB and DBCP - Constituents of Concern Set Price						\$ 40.00

PCBs						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
PCB-1016	E 8082	0.17	1	ug/l	12674-11-2	
PCB-1221	E 8082	1	1	ug/l	11104-28-2	
PCB-1232	E 8082	0.81	1	ug/l	11141-16-5	
PCB-1242	E 8082	0.7	1	ug/l	53469-21-9	
PCB-1248	E 8082	0.73	1	ug/l	12672-29-6	
PCB-1254	E 8082	0.92	2	ug/l	11097-69-1	
PCB-1260	E 8082	0.063	1	ug/l	11096-82-5	
Subtotal - PCBs - Constituents of Concern Set Price						\$ 50.00

Organochlorine Pesticides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
4,4'-DDD	E 8081A	0.016	0.11	ug/l	72-54-8	
4,4'-DDE	E 8081A	0.01	0.04	ug/l	72-55-9	
4,4'-DDT	E 8081A	0.016	0.12	ug/l	50-29-3	
Aldrin	E 8081A	0.0094	0.04	ug/l	309-00-2	
alpha-BHC	E 8081A	0.015	0.03	ug/l	319-84-6	
beta-BHC	E 8081A	0.05	0.06	ug/l	319-85-7	
Chlordane	E 8081A	0.045	0.1	ug/l	57-74-9	
delta-BHC	E 8081A	0.038	0.09	ug/l	319-86-8	
Dieldrin	E 8081A	0.11	0.14	ug/l	60-57-1	
Endosulfan sulfate	E 8081A	0.46	0.66	ug/l	1031-07-8	
Endosulfan-I	E 8081A	0.11	0.14	ug/l	959-98-8	
Endosulfan-II	E 8081A	0.017	0.04	ug/l	33213-65-9	
Endrin	E 8081A	0.01	0.06	ug/l	72-20-8	
Endrin aldehyde	E 8081A	0.073	0.23	ug/l	7421-93-4	
gamma-BHC	E 8081A	0.02	0.04	ug/l	58-89-9	
Heptachlor	E 8081A	0.01	0.01	ug/l	76-44-8	
Heptachlor epoxide	E 8081A	0.01	0.01	ug/l	1024-57-3	
Methoxychlor	E 8081A	0.46	1.8	ug/l	72-43-5	
Toxaphene	E 8081A	0.83	1	ug/l	8001-35-2	
Subtotal - Organochlorine Pesticides - Constituents of Concern Set Price						\$ 50.00

Groundwater Constituents of Concern Monitoring

Chlorinated Herbicides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
2,4,6-T	E 8151	0.17	2	ug/l	93-76-5	
2,4,5-TP (Silvex)	E 8151	0.15	1	ug/l	93-72-1	
2,4-D	E 8151	0.17	10	ug/l	94-75-7	
Subtotal - Chlorinated Herbicides - Constituents of Concern Set Price						\$ 70.00

Groundwater Constituents of Concern Monitoring

Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	E 8260	0.14	0.5	ug/l	630-20-6	
1,1,1-Trichloroethane	E 8260	0.12	0.5	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	E 8260	0.29	0.5	ug/l	79-34-5	
1,1,2-Trichloroethane	E 8260	0.31	0.5	ug/l	79-00-5	
1,1-Dichloroethane	E 8260	0.098	0.5	ug/l	75-34-3	
1,1-Dichloroethene	E 8260	0.12	0.5	ug/l	75-35-4	
1,1-Dichloropropene	E 8260	0.14	0.5	ug/l	563-58-6	
1,2,3-Trichloropropane	E 8260	0.29	0.5	ug/l	96-18-4	
1,2,4-Trichlorobenzene	E 8260	0.34	0.5	ug/l	120-82-1	
1,2-Dichlorobenzene	E 8260	0.2	0.5	ug/l	95-50-1	
1,2-Dichloroethane	E 8260	0.21	0.5	ug/l	107-06-2	
1,2-Dichloropropane	E 8260	0.19	0.5	ug/l	78-87-5	
1,3-Dichlorobenzene	E 8260	0.15	0.5	ug/l	541-73-1	
1,3-Dichloropropane	E 8260	0.22	0.5	ug/l	142-28-9	
1,4-Dichlorobenzene	E 8260	0.072	0.5	ug/l	106-46-7	
2,2-Dichloropropane	E 8260	0.49	0.5	ug/l	594-20-7	
2-Butanone (MEK)	E 8260	1.2	3	ug/l	78-93-3	
2-Hexanone	E 8260	1.2	5	ug/l	591-78-6	
Acetone	E 8260	5	5	ug/l	67-64-1	
Acetonitrile	E 8260	2.2	10	ug/l	75-05-8	
Acrolein	E 8260	3.7	10	ug/l	107-02-8	
Acrylonitrile	E 8260	3.3	10	ug/l	107-13-1	
Allyl Chloride	E 8260	0.2	5	ug/l	107-05-1	
Benzene	E 8260	0.14	0.5	ug/l	71-43-2	
Benzyl Chloride	E 8260			ug/l	100-44-7	
Bromochloromethane	E 8260	0.33	0.5	ug/l	74-97-5	
Bromodichloromethane	E 8260	0.11	0.5	ug/l	75-27-4	
Bromoform	E 8260	0.13	0.5	ug/l	75-25-2	
Bromomethane	E 8260	0.48	0.5	ug/l	74-83-9	
Carbon Disulfide	E 8260	0.36	0.5	ug/l	75-15-0	
Carbon Tetrachloride	E 8260	0.15	0.5	ug/l	56-23-5	
Chlorobenzene	E 8260	0.23	0.5	ug/l	108-90-7	
Chloroethane	E 8260	0.35	0.5	ug/l	75-00-3	
Chloroform	E 8260	0.17	0.5	ug/l	67-66-3	
Chloromethane	E 8260	0.36	0.5	ug/l	74-87-3	
Chloroprene	E 8260	0.21	10	ug/l	126-99-8	
cis-1,2-Dichloroethene	E 8260	0.18	0.5	ug/l	156-59-2	
cis-1,3-Dichloropropene	E 8260	0.3	0.5	ug/l	10061-01-5	
Dibromochloromethane	E 8260	0.37	0.5	ug/l	124-48-1	
Dibromomethane	E 8260	0.16	0.5	ug/l	74-95-3	
Dichlorodifluoromethane	E 8260	0.18	0.5	ug/l	75-71-8	
Diethyl Ether	E 8260			ug/l	60-29-7	
Ethyl Methacrylate	E 8260	0.48	0.5	ug/l	97-63-2	
Ethylbenzene	E 8260	0.26	0.5	ug/l	100-41-4	
Iodomethane	E 8260	1.1	10	ug/l	74-88-4	
Isobutyl Alcohol	E 8260	4.8	100	ug/l	78-83-1	
Methacrylonitrile	E 8260	2.9	10	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	E 8260	0.95	5	ug/l	108-10-1	
Methyl Methacrylate	E 8260	0.96	5	ug/l	80-62-6	
Methylene Chloride	E 8260	0.15	3	ug/l	75-09-2	
Naphthalene	E 8260	0.44	0.5	ug/l	91-20-3	
Propionitrile	E 8260	3.7	200	ug/l	107-12-0	
Styrene	E 8260	0.22	0.5	ug/l	100-42-5	
Tetrachloroethene	E 8260	0.17	0.5	ug/l	127-18-4	
Tetrahydrofuran	E 8260			ug/l	109-99-9	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Toluene	E 8260	0.22	0.5	ug/l	108-88-3	
Total Xylenes	E 8260	0.359	0.5	ug/l	1330-20-7	
m-Xylene	E 8260	0.359	0.5	ug/l	108-38-3	
o-Xylene	E 8260	0.41	0.5	ug/l	95-47-6	
p-Xylene	E 8260	0.359	0.5	ug/l	106-42-3	
trans-1,2-Dichloroethene	E 8260	0.1	0.5	ug/l	156-60-5	
trans-1,3-Dichloropropene	E 8260	0.24	0.5	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	E 8260	0.58	5	ug/l	110-57-6	
Trichloroethene	E 8260	0.17	0.5	ug/l	79-01-6	
Trichlorofluoromethane	E 8260	0.16	5	ug/l	75-69-4	
Vinyl Acetate	E 8260	0.48	10	ug/l	108-05-4	
Vinyl Chloride	E 8260	0.13	0.5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Constituents of Concern Set Price						\$ 75.00

Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	E 8270	1.9	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	E 8270	1.5	10	ug/l	99-35-4	
1,4-Naphthoquinone	E 8270	1.9	10	ug/l	130-15-4	
1-Naphthylamine	E 8270	1.8	20	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	E 8270	2	10	ug/l	58-90-2	
2,4,5-Trichlorophenol	E 8270	1.8	20	ug/l	95-95-4	
2,4,6-Trichlorophenol	E 8270	1.9	10	ug/l	88-06-2	
2,4-Dichlorophenol	E 8270	1.8	10	ug/l	120-83-2	
2,4-Dimethylphenol	E 8270	1.7	10	ug/l	105-67-9	
2,4-Dinitrophenol	E 8270	1.6	50	ug/l	51-28-5	
2,4-Dinitrotoluene	E 8270	1.8	10	ug/l	121-14-2	
2,6-Dichlorophenol	E 8270	1.9	10	ug/l	87-65-0	
2,6-Dinitrotoluene	E 8270	1.9	10	ug/l	606-20-2	
2-Acetylaminofluorene	E 8270	2	20	ug/l	53-96-3	
2-Chloronaphthalene	E 8270	1.8	10	ug/l	91-58-7	
2-Chlorophenol	E 8270	1.8	10	ug/l	95-57-8	
2-Methylnaphthalene	E 8270	1.8	10	ug/l	91-57-6	
2-Naphthylamine	E 8270	2.4	10	ug/l	91-59-8	
2-Nitroaniline	E 8270	1.8	50	ug/l	88-74-4	
2-Nitrophenol	E 8270	2.1	10	ug/l	88-75-5	
3,3'-Dichlorobenzidine	E 8270	2.1	20	ug/l	91-94-1	
3,3'-Dimethylbenzidine	E 8270	7.3	10	ug/l	119-93-7	
3-Methylcholanthrene	E 8270	4	10	ug/l	56-49-5	
3-Nitroaniline	E 8270	1.6	50	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	E 8270	1.8	50	ug/l	534-52-1	
4-Aminobiphenyl	E 8270	2.8	20	ug/l	92-67-1	
4-Bromophenyl phenyl ether	E 8270	1.6	10	ug/l	101-55-3	
4-Chloro-3-methylphenol	E 8270	1.6	20	ug/l	59-50-7	
4-Chloroaniline	E 8270	1.5	20	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	E 8270	1.8	10	ug/l	7005-72-3	
4-Nitroaniline	E 8270	1.9	20	ug/l	100-01-6	
4-Nitrophenol	E 8270	1.1	50	ug/l	100-02-7	
5-Nitro-o-toluidine	E 8270	2	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	E 8270	3	10	ug/l	57-97-6	
Acenaphthene	E 8270	1.9	10	ug/l	83-32-9	
Acenaphthylene	E 8270	2	10	ug/l	208-96-8	
Acetophenone	E 8270	1.8	10	ug/l	98-86-2	
Anthracene	E 8270	1.8	10	ug/l	120-12-7	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Benzo(a)anthracene	E 8270	1.7	10	ug/l	56-55-3	
Benzo(a)pyrene	E 8270	2	10	ug/l	50-32-8	
Benzo(b)fluoranthene	E 8270	1.5	10	ug/l	205-99-2	
Benzo(ghi)perylene	E 8270	1.9	10	ug/l	191-24-2	
Benzo(k)fluoranthene	E 8270	2.2	10	ug/l	207-08-9	
Benzyl Alcohol	E 8270	1.4	20	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	E 8270	1.8	10	ug/l	111-91-1	
Bis(2-chloroethyl) ether	E 8270	1.8	10	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	E 8270	1.9	10	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	E 8270	2.3	3	ug/l	117-81-7	
Butyl benzyl Phthalate	E 8270	1.6	10	ug/l	85-68-7	
Chlorobenzilate	E 8270	1.9	10	ug/l	510-15-6	
Chrysene	E 8270	1.6	10	ug/l	218-01-9	
Diallate	E 8270	2.2	10	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	E 8270	2	10	ug/l	53-70-3	
Dibenzofuran	E 8270	1.9	10	ug/l	132-64-9	
Diethyl Phthalate	E 8270	1.8	10	ug/l	84-66-2	
Dimethoate	E 8270	0.99	20	ug/l	60-51-5	
Dimethyl Phthalate	E 8270	1.7	10	ug/l	131-11-3	
Di-n-butyl Phthalate	E 8270	1.9	10	ug/l	84-74-2	
Di-n-octyl Phthalate	E 8270	2.6	10	ug/l	117-84-0	
Dinoseb	E 8270	1.9	20	ug/l	88-85-7	
Diphenylamine	E 8270	1.7	10	ug/l	122-39-4	
Disulfoton	E 8270	1.8	10	ug/l	298-04-4	
Ethyl Methanesulfonate	E 8270	1.4	20	ug/l	62-50-0	
Famphur	E 8270	0.64	1000	ug/l	52-85-7	
Fluoranthene	E 8270	2	10	ug/l	206-44-0	
Fluorene	E 8270	2	10	ug/l	86-73-7	
Hexachlorobenzene	E 8270	1.6	10	ug/l	118-74-1	
Hexachlorobutadiene	E 8270	1.8	10	ug/l	87-68-3	
Hexachlorocyclopentadiene	E 8270	1.7	50	ug/l	77-47-4	
Hexachloroethane	E 8270	1.6	10	ug/l	67-72-1	
Hexachloropropene	E 8270	2	10	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	E 8270	2	10	ug/l	193-39-5	
Isodrin	E 8270	2	20	ug/l	465-73-6	
Isophorone	E 8270	1.9	10	ug/l	78-59-1	
Isosafrole	E 8270	2	10	ug/l	120-58-1	
Kepone	E 8270	1.8	100	ug/l	143-50-0	
m-Cresol	E 8270	3.08	10	ug/l	108-39-4	
m-Dinitrobenzene	E 8270	1.8	20	ug/l	99-65-0	
Methapyrilene	E 8270	4	100	ug/l	91-80-5	
Methyl Methanesulfonate	E 8270	1.4	10	ug/l	66-27-3	
Methyl Parathion	E 8270	0.64	10	ug/l	298-00-0	
Nitrobenzene	E 8270	2	10	ug/l	98-95-3	
N-Nitrosodiethylamine	E 8270	1.5	20	ug/l	55-18-5	
N-Nitrosodimethylamine	E 8270	1.4	10	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	E 8270	1.7	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	E 8270	1.7	10	ug/l	621-64-7	
N-Nitrosodiphenylamine	E 8270	1.7	10	ug/l	86-30-6	
N-Nitrosomethylethylamine	E 8270		1.6	10	10595-95-6	
N-Nitrosopiperidine	E 8270	1.7	20	ug/l	100-75-4	
N-Nitrosopyrrolidine	E 8270	1.5	40	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	E 8270	3.2	10	ug/l	126-68-1	
O-Cresol	E 8270	1.6	10	ug/l	95-48-7	
O-Toluidine	E 8270		1.5	20	95-53-4	
p-(Dimethylamino) Azobenzene	E 8270	2.1	10	ug/l	60-11-7	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Parathion (Ethyl)	E 8270	0.84	10	ug/l	56-38-2	
p-Cresol	E 8270	3.08	10	ug/l	106-44-5	
Pentachlorobenzene	E 8270	1.6	10	ug/l	608-93-5	
Pentachloronitrobenzene	E 8270	1.6	20	ug/l	82-68-8	
Pentachlorophenol	E 8270	1.6	50	ug/l	87-86-5	
Phenacetin	E 8270	2.2	20	ug/l	62-44-2	
Phenanthrene	E 8270	2.2	10	ug/l	85-01-8	
Phenol	E 8270	1.1	10	ug/l	108-96-2	
Phorate	E 8270	0.85	10	ug/l	298-02-2	
p-Phenylenediamine	E 8270	0.37	10	ug/l	106-50-3	
Pronamide	E 8270	1.9	10	ug/l	23950-58-5	
Pyrene	E 8270	1.7	10	ug/l	129-00-0	
Safrole	E 8270	1.9	10	ug/l	94-59-7	
Thionazin	E 8270	0.69	10	ug/l	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Constituents of Concern Set Price						
Total Groundwater Constituents of Concern Set Price						\$ 803.00

Stormwater Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Ammonia (as N)	SM 4500 NH3N	0.059	0.1	mg/l	7664-41-7	\$ 6.00
BOD (Biochemical Oxygen Demand)	SM 5210B	1.0163	2	mg/l	23	\$ 25.00
LAB pH	SM 4500H+B	1	1	units	1-00-6	\$ 7.00
Oil & Grease	E 1664	0.47443	2.5	mg/l	ENV-630-310	\$ 35.00
Specific Conductance	SM 2510	1	1	umho/cm	1-01-1	\$ 6.00
Total Suspended Solids (TSS)	SM 2540D	2.8	5	mg/l	ENV-710-009	\$ 8.00
Subtotal - General Chemistry - Stormwater Price						\$ 87.00
Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Arsenic (As), Total	E 200.8	0.016	0.002	mg/l	7440-38-2	\$ 6.00
Barium (Ba), Total	E 200.8	0.000056	0.1	mg/l	7440-39-3	\$ 6.00
Beryllium (Be), Total	E 200.8	0.000017	0.001	mg/l	7440-41-7	\$ 6.00
Cadmium (Cd), Total	E 200.8	0.000077	0.001	mg/l	7440-43-9	\$ 6.00
Chromium, (Cr) Total	E 200.8	0.005	0.01	mg/l	7440-47-3	\$ 6.00
Cobalt (Co), Total	E 200.8	0.00028	0.01	mg/l	7440-48-4	\$ 6.00
Copper (Cu), Total	E 200.8	0.019	0.01	mg/l	7440-50-8	\$ 6.00
Iron (Fe)	E 200.7	0.01167	0.02	mg/l	7439-89-6	\$ 6.00
Lead (Pb), Total	E 200.8	0.000084	0.005	mg/l	7439-92-1	\$ 6.00
Manganese (Mn)	E 200.8	0.00098	0.01	mg/l	7439-96-5	\$ 6.00
Mercury (Hg), Total	E 200.8	0.0001184	0.0002	mg/l	7439-97-6	\$ 15.00
Molybdenum (Mo)	E 200.8	0.0009	0.01	mg/l	7439-98-7	\$ 6.00
Nickel (Ni), Total	E 200.8	0.0015	0.01	mg/l	7440-02-0	\$ 6.00
Selenium (Se), Total	E 200.8	0.0025	0.005	mg/l	7782-49-2	\$ 6.00
Silver (Ag), Total	E 200.8	0.005	0.01	mg/l	7440-22-4	\$ 6.00
Thallium (Tl), Total	E 200.8	0.00098	0.001	mg/l	7440-28-0	\$ 6.00
Vanadium (V), Total	E 200.8	0.0027	0.01	mg/l	7440-62-2	\$ 6.00
Zinc, Total (Zn)	E 200.8	0.0014	0.01	mg/l	7440-66-6	\$ 6.00
Subtotal - Metals - Stormwater Price						\$ 117.00
Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	E 8260	0.14	0.5	ug/l	630-20-6	\$ 6.00
1,1,1-Trichloroethane	E 8260	0.12	0.5	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	E 8260	0.29	0.5	ug/l	79-34-5	
1,1,2-Trichloroethane	E 8260	0.31	0.5	ug/l	79-00-5	
1,1-Dichloroethane	E 8260	0.098	0.5	ug/l	75-34-3	
1,1-Dichloroethene	E 8260	0.12	0.5	ug/l	75-35-4	
1,1-Dichloropropene	E 8260	0.14	0.5	ug/l	563-58-6	
1,2,3-Trichloropropane	E 8260	0.29	0.5	ug/l	96-18-4	
1,2,4-Trichlorobenzene	E 8260	0.34	0.5	ug/l	120-82-1	
1,2-Dichlorobenzene	E 8260	0.2	0.5	ug/l	95-50-1	
1,2-Dichloroethane	E 8260	0.21	0.5	ug/l	107-06-2	
1,2-Dichloropropane	E 8260	0.19	0.5	ug/l	78-87-5	
1,3-Dichlorobenzene	E 8260	0.15	0.5	ug/l	541-73-1	
1,3-Dichloropropane	E 8260	0.22	0.5	ug/l	142-28-9	
1,4-Dichlorobenzene	E 8260	0.072	0.5	ug/l	106-46-7	
2,2-Dichloropropane	E 8260	0.49	0.5	ug/l	594-20-7	
2-Butanone (MEK)	E 8260	1.2	3	ug/l	78-93-3	
2-Hexanone	E 8260	1.2	5	ug/l	591-78-6	

Stormwater Monitoring

Acetone	E 8260	5	5	ug/l	67-64-1
Acetonitrile	E 8260	2.2	10	ug/l	75-05-8
Acrolein	E 8260	3.7	10	ug/l	107-02-8
Acrylonitrile	E 8260	3.3	10	ug/l	107-13-1
Allyl Chloride	E 8260	0.2	5	ug/l	107-05-1
Benzene	E 8260	0.14	0.5	ug/l	71-43-2
Benzyl Chloride	E 8260			ug/l	100-44-77
Bromochloromethane	E 8260	0.33	0.5	ug/l	74-97-5
Bromodichloromethane	E 8260	0.11	0.5	ug/l	75-27-4
Bromoform	E 8260	0.13	0.5	ug/l	75-25-2
Bromomethane	E 8260	0.48	0.5	ug/l	74-83-9
Carbon Disulfide	E 8260	0.36	0.5	ug/l	75-15-0
Carbon Tetrachloride	E 8260	0.15	0.5	ug/l	56-23-5
Chlorobenzene	E 8260	0.23	0.5	ug/l	108-90-7
Chloroethane	E 8260	0.35	0.5	ug/l	75-00-3
Chloroform	E 8260	0.17	0.5	ug/l	67-66-3
Chloromethane	E 8260	0.36	0.5	ug/l	74-87-3
Chloroprene	E 8260	0.21	10	ug/l	126-99-8
cis-1,2-Dichloroethene	E 8260	0.18	0.5	ug/l	156-59-2
cis-1,3-Dichloropropene	E 8260	0.3	0.5	ug/l	10061-01-5
Dibromochloromethane	E 8260	0.37	0.5	ug/l	124-48-1
Dibromomethane	E 8260	0.16	0.5	ug/l	74-95-3
Dichlorodifluoromethane	E 8260	0.18	0.5	ug/l	75-71-8
Ethyl Methacrylate	E 8260	0.48	0.5	ug/l	97-63-2
Ethylbenzene	E 8260	0.26	0.5	ug/l	100-41-4
Iodomethane	E 8260	1.1	10	ug/l	74-88-4
Isobutyl Alcohol	E 8260	4.8	100	ug/l	78-83-1
Methacrylonitrile	E 8260	2.9	10	ug/l	126-98-7
Methyl isobutyl ketone (MIBK)	E 8260	0.95	5	ug/l	108-10-1
Methyl Methacrylate	E 8260	0.96	5	ug/l	80-62-6
Methylene Chloride	E 8260	0.15	3	ug/l	75-09-2
Naphthalene	E 8260	0.44	0.5	ug/l	91-20-3
Propionitrile	E 8260	3.7	200	ug/l	107-12-0
Styrene	E 8260	0.22	0.5	ug/l	100-42-5
Toluene	E 8260	0.22	0.5	ug/l	108-88-3
Total Xylenes	E 8260	0.359	0.5	ug/l	1330-20-7
m-Xylene	E 8260	0.359	0.5	ug/l	108-38-3
o-Xylene	E 8260	0.41	0.5	ug/l	95-47-6
p-Xylene	E 8260	0.359	0.5	ug/l	106-42-3
trans-1,2-Dichloroethene	E 8260	0.1	0.5	ug/l	156-60-5
trans-1,3-Dichloropropene	E 8260	0.24	0.5	ug/l	10061-02-6
trans-1,4-Dichloro-2-butene	E 8260	0.58	5	ug/l	110-57-6
Trichloroethene	E 8260	0.17	0.5	ug/l	79-01-6
Trichlorofluoromethane	E 8260	0.16	5	ug/l	75-69-4
Vinyl Acetate	E 8260	0.48	10	ug/l	108-05-4
Vinyl Chloride	E 8260	0.13	0.5	ug/l	75-01-4
Subtotal - Volatile Organic Compounds - Stormwater Price					\$ 75.00

Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Alpha Terpineol	E 8270	TBD	TBD	ug/l	98-55-5	
Benzoic Acid	E 8270	TBD	TBD	ug/l	65-85-0	
m-Cresol	E 8270	3.08	10	ug/l	108-39-4	
p-Cresol	E 8270	3.08	10	ug/l	106-44-5	
Phenol	E 8270	1.1	10	ug/l	108-95-2	

Stormwater Monitoring

Subtotal - Semi-Volatile Organic Compounds - Stormwater Price	\$	150.00
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Leachate and Gas Condensate Monitoring

General Chemistry						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Chemical Oxygen Demand (COD)	SM 5220 D	6.3	10	mg/l	1-00-4	\$ 20.00
Cyanide (CN)	SM 4500 CNE	0.005	0.005	mg/l	5955-70-0	\$ 20.00
LAB pH	SM 4500 H+B	1	1	units	1-00-6	\$ 7.00
Phenols	EPA 420.4	0.016	0.02	mg/l	54-30-0	\$ 24.00
Phosphate (PO4)	SM 4500 PBE	0.01	0.05	mg/l	226750-80-0	\$ 15.00
Specific Conductance	SM 2510B	1	1	umho/c	1-01-1	\$ 6.00
Total Dissolved Solids	SM 2540C	5.5	10	mg/l	1-01-0	\$ 7.00
Total Organic Carbon (TOC)	SM 5310B	0.16	0.7	mg/l	1-01-2	\$ 20.00
Total Organic Halogens (TOX)	SM 5320	0.015	0.05	mg/l	527650-80-0	\$ 100.00
Total Phosphorus (P)	SM 4500 PBE	0.01	0.05	mg/l	6791520-80-0	\$ 15.00
Total Sulfide	SM 4500 S2D	0.1	0.1	mg/l	1055-70-0	\$ 10.00
Subtotal - General Chemistry - Leachate & Gas Condensate Price						\$ 244.00
Metals						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Antimony (Sb), Total	E 6020	0.003	0.006	mg/l	7440-36-0	\$ 6.00
Arsenic (As), Total	E 6020	0.0016	0.002	mg/l	7440-38-2	\$ 6.00
Barium (Ba), Total	E 6020	0.000056	0.1	mg/l	7440-39-3	\$ 6.00
Beryllium (Be), Total	E 6020	0.00017	0.001	mg/l	7440-41-7	\$ 6.00
Boron (B)	E6010B	0.006	0.1	mg/l	7440-42-8	\$ 6.00
Cadmium (Cd), Total	E 6020	0.0006	0.001	mg/l	7440-43-9	\$ 6.00
Chromium, hexavalent	SM 3500CrD	0.003	0.01	mg/l	18540-29-9	\$ 15.00
Chromium, Total (Cr)	E 6020	0.004	0.01	mg/l	7440-47-3	\$ 6.00
Cobalt (Co), Total	E 6020	0.005	0.01	mg/l	7440-48-4	\$ 6.00
Copper (Cu), Total	E 6020	0.005	0.01	mg/l	7440-50-8	\$ 6.00
Iron (Fe)	E6010B	0.002	0.02	mg/l	7439-89-6	\$ 6.00
Lead (Pb), Total	E 6020	0.003	0.005	mg/l	7439-92-1	\$ 6.00
Manganese (Mn)	E 6020	0.005	0.01	mg/l	7439-96-5	\$ 6.00
Mercury (Hg), Total	E 7470A	0.00033	0.0002	mg/l	7439-97-6	\$ 15.00
Nickel (Ni)	E 6020	0.005	0.01	mg/l	7440-02-0	\$ 6.00
Selenium (Se), Total	E 6020	0.003	0.005	mg/l	7782-49-2	\$ 6.00
Silver (Ag), Total	E 6020	0.005	0.01	mg/l	7440-22-4	\$ 6.00
Thallium (Tl), Total	E 6020	0.005	0.001	mg/l	7440-28-0	\$ 6.00
Tin (Sn), Total	E 6020	0.005	0.01	mg/l	7440-31-5	\$ 6.00
Vanadium (V), Total	E 6020	0.005	0.01	mg/l	7440-62-2	\$ 6.00
Zinc, Total (Zn)	E 6020	0.005	0.01	mg/l	7440-66-6	\$ 6.00
Subtotal - Metals - Leachate & Gas Condensate Price						\$ 144.00
Cations						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Calcium (Ca)	E 6010B	0.5	1	mg/l	7440-70-2	\$ 6.00
Magnesium (Mg)	E 6010B	0.5	1	mg/l	7439-95-4	\$ 6.00
Potassium (K)	E 6010B	0.5	1	mg/l	7440-09-7	\$ 6.00
Sodium (Na)	E 6010B	0.5	1	mg/l	7440-23-5	\$ 6.00
Total Cations	Calculation	0.5	0.5	me/l	13	\$ -
Total Hardness	Calculation	0.35	3	mg/l	35-50-0	\$ -
Subtotal - Cations - Leachate & Gas Condensate Price						\$ 24.00

Leachate and Gas Condensate Monitoring

Anions						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Bicarbonate (HCO3)	SM 2320B	1.7	3	mg/l	71-52-3	\$ -
Carbonate (CO3)	SM 2320B	1.7	3	mg/l	3812-32-6	\$ -
Chloride (Cl)	E 300.0	1	1	mg/l	1-00-3	\$ 6.00
Fluoride (F)	SM 4500 FC	0.05	0.1	mg/l	66-30-0	\$ 6.00
Hydroxide (OH)	SM 2320B	1.7	3	mg/l	4774237-70-0	\$ -
Nitrate (NO3-N)	E 300.0	0.11	0.2	mg/l	25-90-0	\$ 6.00
Sulfate (SO4)	E 300.0	0.37	0.5	mg/l	3-03-5	\$ 6.00
Total Alkalinity	SM 2320B	1.7	3	mg/l	11	\$ 8.00
Total Anions	Calculation	0.05	0.05	me/l	12	
Subtotal - Anions - Leachate & Gas Condensate Price						\$ 32.00
EDB and DBCP						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Dibromochloropropane (DBCP)	E 8011	0.0043	0.01	ug/l	96-12-8	
Ethylene dibromide (EDB)	E 8011	0.0034	0.02	ug/l	106-93-4	
Subtotal - EDB and DBCP - Leachate & Gas Condensate Price						\$ 40.00
PCBs						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
PCB-1016	E 8082	0.17	1	ug/l	12674-11-2	
PCB-1221	E 8082	1	1	ug/l	11104-28-2	
PCB-1232	E 8082	0.81	1	ug/l	11141-16-5	
PCB-1242	E 8082	0.7	1	ug/l	53469-21-9	
PCB-1248	E 8082	0.73	1	ug/l	12672-29-6	
PCB-1254	E 8082	0.92	2	ug/l	11097-69-1	
PCB-1260	E 8082	0.063	1	ug/l	11096-82-5	
Subtotal - PCBs - Leachate & Gas Condensate Price						\$ 50.00
Organochlorine Pesticides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
4,4'-DDD	E 8081A	0.016	0.11	ug/l	72-54-8	
4,4'-DDE	E 8081A	0.01	0.04	ug/l	72-55-9	
4,4'-DDT	E 8081A	0.016	0.12	ug/l	50-29-3	
Aldrin	E 8081A	0.0094	0.04	ug/l	309-00-2	
alpha-BHC	E 8081A	0.015	0.03	ug/l	319-84-6	
beta-BHC	E 8081A	0.05	0.06	ug/l	319-85-7	
Chlordane	E 8081A	0.045	0.1	ug/l	57-74-9	
delta-BHC	E 8081A	0.038	0.09	ug/l	319-86-8	
Dieldrin	E 8081A	0.11	0.14	ug/l	60-57-1	
Endosulfan sulfate	E 8081A	0.46	0.66	ug/l	1031-07-8	
Endosulfan-I	E 8081A	0.11	0.14	ug/l	959-98-8	
Endosulfan-II	E 8081A	0.017	0.04	ug/l	33213-65-9	
Endrin	E 8081A	0.01	0.06	ug/l	72-20-8	
Endrin aldehyde	E 8081A	0.073	0.23	ug/l	7421-93-4	
gamma-BHC	E 8081A	0.02	0.04	ug/l	58-89-9	
Heptachlor	E 8081A	0.01	0.01	ug/l	76-44-8	
Heptachlor epoxide	E 8081A	0.01	0.01	ug/l	1024-57-3	
Methoxychlor	E 8081A	0.46	1.8	ug/l	72-43-5	
Toxaphene	E 8081A	0.83	1	ug/l	8001-35-2	
Subtotal - Organochlorine Pesticides - Leachate & Gas Condensate Price						\$ 50.00
Chlorinated Herbicides						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price

Leachate and Gas Condensate Monitoring

2,4,5-T	E 8151	0.17	2	ug/l	93-76-5	
2,4,5-TP (Silvex)	E 8151	0.15	1	ug/l	93-72-1	
2,4-D	E 8151	0.17	10	ug/l	94-75-7	
Subtotal - Chlorinated Herbicides - Leachate & Gas Condensate Price						\$ 70.00

Leachate and Gas Condensate Monitoring

Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,1,1,2-Tetrachloroethane	E 8260	0.14	0.5	ug/l	630-20-6	
1,1,1-Trichloroethane	E 8260	0.12	0.5	ug/l	71-55-6	
1,1,2,2-Tetrachloroethane	E 8260	0.29	0.5	ug/l	79-34-5	
1,1,2-Trichloroethane	E 8260	0.31	0.5	ug/l	79-00-5	
1,1-Dichloroethane	E 8260	0.098	0.5	ug/l	75-34-3	
1,1-Dichloroethene	E 8260	0.12	0.5	ug/l	75-35-4	
1,1-Dichloropropene	E 8260	0.14	0.5	ug/l	563-58-6	
1,2,3-Trichloropropane	E 8260	0.29	0.5	ug/l	96-18-4	
1,2,4-Trichlorobenzene	E 8260	0.34	0.5	ug/l	120-82-1	
1,2-Dichlorobenzene	E 8260	0.2	0.5	ug/l	95-50-1	
1,2-Dichloroethane	E 8260	0.21	0.5	ug/l	107-06-2	
1,2-Dichloropropane	E 8260	0.19	0.5	ug/l	78-87-5	
1,3-Dichlorobenzene	E 8260	0.15	0.5	ug/l	541-73-1	
1,3-Dichloropropane	E 8260	0.22	0.5	ug/l	142-28-9	
1,4-Dichlorobenzene	E 8260	0.072	0.5	ug/l	106-46-7	
2,2-Dichloropropane	E 8260	0.49	0.5	ug/l	594-20-7	
2-Butanone (MEK)	E 8260	1.2	3	ug/l	78-93-3	
2-Hexanone	E 8260	1.2	5	ug/l	591-78-6	
Acetone	E 8260	5	5	ug/l	67-64-1	
Acetonitrile	E 8260	2.2	10	ug/l	75-05-8	
Acrolein	E 8260	3.7	10	ug/l	107-02-8	
Acrylonitrile	E 8260	3.3	10	ug/l	107-13-1	
Allyl Chloride	E 8260	0.2	5	ug/l	107-05-1	
Benzene	E 8260	0.14	0.5	ug/l	71-43-2	
Bromochloromethane	E 8260	0.33	0.5	ug/l	74-97-5	
Bromodichloromethane	E 8260	0.11	0.5	ug/l	75-27-4	
Bromoform	E 8260	0.13	0.5	ug/l	75-25-2	
Bromomethane	E 8260	0.48	0.5	ug/l	74-83-9	
Carbon Disulfide	E 8260	0.36	0.5	ug/l	75-15-0	
Carbon Tetrachloride	E 8260	0.15	0.5	ug/l	56-23-5	
Chlorobenzene	E 8260	0.23	0.5	ug/l	108-90-7	
Chloroethane	E 8260	0.35	0.5	ug/l	75-00-3	
Chloroform	E 8260	0.17	0.5	ug/l	67-66-3	
Chloromethane	E 8260	0.36	0.5	ug/l	74-87-3	
Chloroprene	E 8260	0.21	10	ug/l	126-99-8	
cis-1,2-Dichloroethene	E 8260	0.18	0.5	ug/l	156-59-2	
cis-1,3-Dichloropropene	E 8260	0.3	0.5	ug/l	10061-01-5	
Dibromochloromethane	E 8260	0.37	0.5	ug/l	124-48-1	
Dibromomethane	E 8260	0.16	0.5	ug/l	74-95-3	
Dichlorodifluoromethane	E 8260	0.18	0.5	ug/l	75-71-8	
Ethyl Methacrylate	E 8260	0.48	0.5	ug/l	97-63-2	
Ethylbenzene	E 8260	0.26	0.5	ug/l	100-41-4	
Iodomethane	E 8260	1.1	10	ug/l	74-88-4	
Isobutyl Alcohol	E 8260	4.8	100	ug/l	78-83-1	
Methacrylonitrile	E 8260	2.9	10	ug/l	126-98-7	
Methyl isobutyl ketone (MIBK)	E 8260	0.95	5	ug/l	108-10-1	
Methyl Methacrylate	E 8260	0.96	5	ug/l	80-62-6	
Methylene Chloride	E 8260	0.15	3	ug/l	75-09-2	
Naphthalene	E 8260	0.44	0.5	ug/l	91-20-3	
Propionitrile	E 8260	3.7	200	ug/l	107-12-0	
Styrene	E 8260	0.22	0.5	ug/l	100-42-5	
Tetrachloroethene	E 8260	0.17	0.5	ug/l	127-18-4	
Toluene	E 8260	0.22	0.5	ug/l	108-88-3	
Total Xylenes	E 8260	0.359	0.5	ug/l	1330-20-7	
m-Xylene	E 8260	0.359	0.5	ug/l	108-38-3	

Leachate and Gas Condensate Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
o-Xylene	E 8260	0.41	0.5	ug/l	95-47-6	
p-Xylene	E 8260	0.359	0.5	ug/l	106-42-3	
trans-1,2-Dichloroethene	E 8260	0.1	0.5	ug/l	156-60-5	
trans-1,3-Dichloropropene	E 8260	0.24	0.5	ug/l	10061-02-6	
trans-1,4-Dichloro-2-butene	E 8260	0.58	5	ug/l	110-57-6	
Trichloroethene	E 8260	0.17	0.5	ug/l	79-01-6	
Trichlorofluoromethane	E 8260	0.16	5	ug/l	75-69-4	
Vinyl Acetate	E 8260	0.48	10	ug/l	108-05-4	
Vinyl Chloride	E 8260	0.13	0.5	ug/l	75-01-4	
Subtotal - Volatile Organic Compounds - Leachate & Gas Condensate Price						
Semi-Volatile Organic Compounds						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	E 8270	1.9	10	ug/l	95-94-3	
1,3,5-Trinitrobenzene	E 8270	1.5	10	ug/l	99-35-4	
1,4-Naphthoquinone	E 8270	1.9	10	ug/l	130-15-4	
1-Naphthylamine	E 8270	1.8	20	ug/l	134-32-7	
2,3,4,6-Tetrachlorophenol	E 8270	2	10	ug/l	58-90-2	
2,4,5-Trichlorophenol	E 8270	1.8	20	ug/l	95-95-4	
2,4,6-Trichlorophenol	E 8270	1.9	10	ug/l	88-06-2	
2,4-Dichlorophenol	E 8270	1.8	10	ug/l	120-83-2	
2,4-Dimethylphenol	E 8270	1.7	10	ug/l	105-67-9	
2,4-Dinitrophenol	E 8270	1.6	50	ug/l	51-28-5	
2,4-Dinitrotoluene	E 8270	1.8	10	ug/l	121-14-2	
2,6-Dichlorophenol	E 8270	1.9	10	ug/l	87-65-0	
2,6-Dinitrotoluene	E 8270	1.9	10	ug/l	606-20-2	
2-Acetylaminofluorene	E 8270	2	20	ug/l	53-96-3	
2-Chloronaphthalene	E 8270	1.8	10	ug/l	91-58-7	
2-Chlorophenol	E 8270	1.8	10	ug/l	95-57-8	
2-Methylnaphthalene	E 8270	1.8	10	ug/l	91-57-6	
2-Naphthylamine	E 8270	2.4	10	ug/l	91-59-8	
2-Nitroaniline	E 8270	1.8	50	ug/l	88-74-4	
2-Nitrophenol	E 8270	2.1	10	ug/l	88-75-5	
3,3'-Dichlorobenzidine	E 8270	2.1	20	ug/l	91-94-1	
3,3'-Dimethylbenzidine	E 8270	7.3	10	ug/l	119-93-7	
3-Methylcholanthrene	E 8270	4	10	ug/l	56-49-5	
3-Nitroaniline	E 8270	1.6	50	ug/l	99-09-2	
4,6-Dinitro-2-methylphenol	E 8270	1.8	50	ug/l	534-52-1	
4-Aminobiphenyl	E 8270	2.8	20	ug/l	92-67-1	
4-Bromophenyl phenyl ether	E 8270	1.6	10	ug/l	101-55-3	
4-Chloro-3-methylphenol	E 8270	1.6	20	ug/l	69-50-7	
4-Chloroaniline	E 8270	1.5	20	ug/l	106-47-8	
4-Chlorophenyl phenyl ether	E 8270	1.8	10	ug/l	7005-72-3	
4-Nitroaniline	E 8270	1.9	20	ug/l	100-01-6	
4-Nitrophenol	E 8270	1.1	50	ug/l	100-02-7	
5-Nitro-o-toluidine	E 8270	2	10	ug/l	99-55-8	
7,12-Dimethylbenz(a)anthracene	E 8270	3	10	ug/l	57-97-6	
Acenaphthene	E 8270	1.9	10	ug/l	83-32-9	
Acenaphthylene	E 8270	2	10	ug/l	208-96-8	
Acetophenone	E 8270	1.8	10	ug/l	98-86-2	
Anthracene	E 8270	1.8	10	ug/l	120-12-7	
Benzo(a)anthracene	E 8270	1.7	10	ug/l	56-55-3	
Benzo(a)pyrene	E 8270	2	10	ug/l	50-32-8	
Benzo(b)fluoranthene	E 8270	1.5	10	ug/l	205-99-2	
Benzo(ghi)perylene	E 8270	1.9	10	ug/l	191-24-2	
Benzo(k)fluoranthene	E 8270	2.2	10	ug/l	207-08-9	

Leachate and Gas Condensate Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Benzyl Alcohol	E 8270	1.4	20	ug/l	100-51-6	
Bis(2-chloroethoxy)methane	E 8270	1.8	10	ug/l	111-91-1	
Bis(2-chloroethyl) ether	E 8270	1.8	10	ug/l	111-44-4	
Bis(2-chloroisopropyl) ether	E 8270	1.9	10	ug/l	108-60-1	
Bis(2-ethylhexyl) Phthalate	E 8270	2.3	3	ug/l	117-81-7	
Butyl benzyl Phthalate	E 8270	1.6	10	ug/l	85-68-7	
Chlorobenzilate	E 8270	1.9	10	ug/l	510-15-6	
Chrysene	E 8270	1.6	10	ug/l	218-01-9	
Diallate	E 8270	2.2	10	ug/l	2303-16-4	
Dibenzo(a,h)anthracene	E 8270	2	10	ug/l	53-70-3	
Dibenzofuran	E 8270	1.9	10	ug/l	132-64-9	
Diethyl Phthalate	E 8270	1.8	10	ug/l	84-66-2	
Dimethoate	E 8270	0.99	20	ug/l	60-51-5	
Dimethyl Phthalate	E 8270	1.7	10	ug/l	131-11-3	
Di-n-butyl Phthalate	E 8270	1.9	10	ug/l	84-74-2	
Di-n-octyl Phthalate	E 8270	2.6	10	ug/l	117-84-0	
Dinoseb	E 8270	1.9	20	ug/l	88-85-7	
Diphenylamine	E 8270	1.7	10	ug/l	122-39-4	
Disulfoton	E 8270	1.8	10	ug/l	298-04-4	
Ethyl Methanesulfonate	E 8270	1.4	20	ug/l	62-50-0	
Famphur	E 8270	0.64	1000	ug/l	52-85-7	
Fluoranthene	E 8270	2	10	ug/l	206-44-0	
Fluorene	E 8270	2	10	ug/l	86-73-7	
Hexachlorobenzene	E 8270	1.6	10	ug/l	118-74-1	
Hexachlorobutadiene	E 8270	1.8	10	ug/l	87-68-3	
Hexachlorocyclopentadiene	E 8270	1.7	50	ug/l	77-47-4	
Hexachloroethane	E 8270	1.6	10	ug/l	67-72-1	
Hexachloropropene	E 8270	2	10	ug/l	1888-71-7	
Indeno(1,2,3-cd)pyrene	E 8270	2	10	ug/l	193-39-5	
Isodrin	E 8270	2	20	ug/l	465-73-6	
Isophorone	E 8270	1.9	10	ug/l	78-59-1	
Isosafrole	E 8270	2	10	ug/l	120-58-1	
Kepone	E 8270	1.8	100	ug/l	143-50-0	
m-Cresol	E 8270	3.08	10	ug/l	108-39-4	
m-Dinitrobenzene	E 8270	1.8	20	ug/l	99-65-0	
Methapyriene	E 8270	4	100	ug/l	91-80-5	
Methyl Methanesulfonate	E 8270	1.4	10	ug/l	66-27-3	
Methyl Parathion	E 8270	0.64	10	ug/l	298-00-0	
Nitrobenzene	E 8270	2	10	ug/l	98-95-3	
N-Nitrosodiethylamine	E 8270	1.5	20	ug/l	55-18-5	
N-Nitrosodimethylamine	E 8270	1.4	10	ug/l	62-75-9	
N-Nitrosodi-n-butylamine	E 8270	1.7	10	ug/l	924-16-3	
N-Nitrosodi-n-propylamine	E 8270	1.7	10	ug/l	621-64-7	
N-Nitrosodiphenylamine	E 8270	1.7	10	ug/l	86-30-6	
N-Nitrosomethylethylamine	E 8270		1.6	10 ug/l	10595-95-6	
N-Nitrosopiperidine	E 8270	1.7	20	ug/l	100-75-4	
N-Nitrosopyrrolidine	E 8270	1.5	40	ug/l	930-55-2	
o,o,o-Triethyl Phosphorothioate	E 8270	3.2	10	ug/l	126-68-1	
O-Cresol	E 8270	1.6	10	ug/l	95-48-7	
O-Toluidine	E 8270		1.5	20 ug/l	95-53-4	
p-(Dimethylamino) Azobenzene	E 8270	2.1	10	ug/l	60-11-7	
Parathion (Ethyl)	E 8270	0.84	10	ug/l	56-38-2	
p-Cresol	E 8270	3.08	10	ug/l	106-44-5	
Pentachlorobenzene	E 8270	1.6	10	ug/l	608-93-5	
Pentachloronitrobenzene	E 8270	1.6	20	ug/l	82-68-8	
Pentachlorophenol	E 8270	1.6	50	ug/l	87-86-5	

Leachate and Gas Condensate Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Phenacetin	E 8270	2.2	20	ug/l	62-44-2	
Phenanthrene	E 8270	2.2	10	ug/l	85-01-8	
Phenol	E 8270	1.1	10	ug/l	108-95-2	
Phorate	E 8270	0.85	10	ug/l	298-02-2	
p-Phenylenediamine	E 8270	0.37	10	ug/l	106-50-3	
Pronamide	E 8270	1.9	10	ug/l	23950-58-5	
Pyrene	E 8270	1.7	10	ug/l	129-00-0	
Safrole	E 8270	1.9	10	ug/l	94-59-7	
Thionazin	E 8270	0.69	10	ug/l	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Leachate & Gas Condensate Price						
Total Leachate and Gas Condensate Monitoring Price						\$ 879.00

Soil Monitoring

Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Antimony	E 6020A	0.9	10	mg/kg	7440-36-0	
Arsenic	E 6020A	0.3	10	mg/kg	7440-38-2	
Barium	E 6020A	0.18	10	mg/kg	7440-39-3	
Beryllium	E 6020A	0.037	5	mg/kg	7440-41-7	
Cadmium	E 6020A	0.036	5	mg/kg	7440-43-9	
Chromium	E 6020A	0.22	10	mg/kg	7440-47-3	
Cobalt	E 6020A	0.019	10	mg/kg	7440-48-4	
Copper	E 6020A	0.29	10	mg/kg	7440-50-8	
Lead	E 6020A	0.15	10	mg/kg	7439-92-1	
Mercury	E 7471A	0.024	0.2	mg/kg	7439-97-6	
Molybdenum	E 6020A	0.25	10	mg/kg	7439-98-7	
Nickel	E 6020A	0.13	10	mg/kg	7440-02-0	
Selenium	E 6020A	0.34	10	mg/kg	7782-49-2	
Silver	E 6020A	0.67	10	mg/kg	7440-22-4	
Thallium	E 6020A	0.23	60	mg/kg	7440-28-0	
Vanadium	E 6020A	0.34	10	mg/kg	7440-62-2	
Zinc	E 6020A	0.8	10	mg/kg	7440-66-6	
Subtotal - Metals - Soil Price						\$ 95.00
Waste Extraction Test (WET) Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Antimony	E 6020A	0.034	1.5	mg/l	7440-36-0	\$ 8.00
Arsenic	E 6020A	0.25	0.5	mg/l	7440-38-2	\$ 8.00
Barium	E 6020A	0.5	10	mg/l	7440-39-3	\$ 8.00
Beryllium	E 6020A	0.0019	0.075	mg/l	7440-41-7	\$ 8.00
Cadmium	E 6020A	0.05	0.1	mg/l	7440-43-9	\$ 8.00
Chromium	E 6020A	0.0056	0.5	mg/l	7440-47-3	\$ 8.00
Cobalt	E 6020A	0.0031	8	mg/l	7440-48-4	\$ 8.00
Copper	E 6020A	0.021	2.5	mg/l	7440-50-8	\$ 8.00
Lead	E 6020A	0.25	0.5	mg/l	7439-92-1	\$ 8.00
Mercury	E 6020A	0.0012	0.01	mg/l	7439-97-6	\$ 12.00
Molybdenum	E 6020A	0.5	35	mg/l	7439-98-7	\$ 8.00
Nickel	E 6020A	0.5	2	mg/l	7440-02-0	\$ 8.00
Selenium	E 6020A	0.028	0.1	mg/l	7782-49-2	\$ 8.00
Silver	E 6020A	0.056	0.5	mg/l	7440-22-4	\$ 8.00
Thallium	E 6020A	0.011	0.7	mg/l	7440-28-0	\$ 8.00
Vanadium	E 6020A	1.2	2.4	mg/l	7440-62-2	\$ 8.00
Zinc	E 6020A	0.5	25	mg/l	7440-66-6	\$ 8.00
Subtotal - WET Metals - Soil Price						\$ 140.00
TCLP Metals*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
Arsenic	E 6020A	0.25	0.5	mg/l	7440-38-2	\$ 10.00
Barium	E 6020A	0.5	10	mg/l	7440-39-3	\$ 10.00
Cadmium	E 6020A	0.05	0.1	mg/l	7440-43-9	\$ 10.00
Chromium	E 6020A	0.25	0.5	mg/l	7440-47-3	\$ 10.00
Lead	E 6020A	0.25	0.5	mg/l	7439-92-1	\$ 10.00
Mercury	E 7471 A	0.0059	0.01	mg/l	7439-97-6	\$ 18.00
Selenium	E 6020A	0.0062	0.1	mg/l	7782-49-2	\$ 10.00
Silver	E 6020A	0.012	0.5	mg/l	7440-22-4	\$ 10.00
Subtotal - TCLP Metals - Soil Price						\$ 88.00
PCBs*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	units	CAS#	Unit Price
PCB-1016	E 8082	33	300	ug/kg	12674-11-2	
PCB-1221	E 8082	280	300	ug/kg	11104-28-2	
PCB-1232	E 8082	57	300	ug/kg	11141-16-5	
PCB-1242	E 8082	300	300	ug/kg	53469-21-9	
PCB-1248	E 8082	250	300	ug/kg	12672-29-6	
PCB-1254	E 8082	9.3	300	ug/kg	11097-69-1	
PCB-1260	E 8082	33	300	ug/kg	11096-82-5	

Soil Monitoring

Subtotal - PCBs - Soil Price \$ 50.00						
Organochlorine Pesticides*						
Parameter	Proposed Test Method	Proposed MDL	Proposed POL	units	CAS#	Unit Price
Aldrin	E 8081	1.6	2	ug/kg	309-00-2	
alpha-BHC	E 8081	1.8	4	ug/kg	319-84-6	
beta-BHC	E 8081	2.1	4	ug/kg	319-85-7	
gamma-BHC (Lindane)	E 8081	1.8	4	ug/kg	58-89-9	
delta-BHC	E 8081	1.7	7	ug/kg	319-86-8	
alpha-Chlordane	E 8081	19.9	25	ug/kg	5103-71-9	
gamma-Chlordane	E 8081	19.9	25	ug/kg	5103-74-2	
4,4'-DDD	E 8081	1.6	4	ug/kg	72-54-8	
4,4'-DDE	E 8081	1.5	5	ug/kg	72-55-9	
4,4'-DDT	E 8081	2	4	ug/kg	50-29-3	
Dieldrin	E 8081	1.6	5	ug/kg	60-57-1	
Endosulfan I	E 8081	1.7	3	ug/kg	959-98-8	
Endosulfan II	E 8081	2.1	4	ug/kg	33213-65-9	
Endosulfan sulfate	E 8081	1.7	10	ug/kg	1031-07-8	
Endrin	E 8081	2.1	3	ug/kg	72-20-8	
Endrin aldehyde	E 8081	1.7	7	ug/kg	7421-36-3	
Endrin ketone	E 8081	1.7	7	ug/kg	53494-70-5	
Heptachlor	E 8081	2.3	3	ug/kg	76-44-8	
Heptachlor epoxide	E 8081	2.1	3	ug/kg	1024-57-3	
Methoxychlor	E 8081	2.2	27	ug/kg	72-43-5	
Toxaphene	E 8081	84	80	ug/kg	8001-35-2	
Subtotal - Organochlorine Pesticides - Soil Price \$ 50.00						
Chlorinated Herbicides*						
Parameter	Proposed Test Method	Proposed MDL	Proposed POL	units	CAS#	Unit Price
2,4,5-T	E 8151	21	100	ug/kg	93-76-5	
2,4,5-TP (Silvex)	E 8151	11	100	ug/kg	93-72-1	
2,4-D	E 8151	18	100	ug/kg	94-75-7	
Subtotal - Chlorinated Herbicides - Soil Price \$ 70.00						
Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,4-Dichlorobenzene	E 8260	4	10	ug/kg	106-46-7	
2,2-Dichloropropane	E 8260	11	20	ug/kg	594-20-7	
2-Butanone (MEK)	E 8260	60	100	ug/kg	78-93-3	
2-Chlorotoluene	E 8260	3.6	10	ug/kg	95-49-8	
4-Chlorotoluene	E 8260	4.7	10	ug/kg	108-43-4	
4-Methyl-2-pentanone (MIBK)	E 8260	11	100	ug/kg	108-10-1	
Acetone	E 8260	100	200	ug/kg	67-64-1	
Acrylonitrile	E 8260	56	200	ug/kg	107-13-1	
Benzene	E 8260	3.6	10	ug/kg	71-43-2	
Bromobenzene	E 8260	5.4	10	ug/kg	108-86-1	
Bromochloromethane	E 8260	3.8	10	ug/kg	74-97-5	
Bromodichloromethane	E 8260	7.1	10	ug/kg	75-27-4	
Bromoform	E 8260	9	10	ug/kg	75-25-2	
Bromomethane	E 8260	44	50	ug/kg	74-83-9	
Carbon tetrachloride	E 8260	4.7	10	ug/kg	56-23-5	
Chlorobenzene	E 8260	5.9	10	ug/kg	108-90-7	
Chloroethane	E 8260	9.2	10	ug/kg	75-00-3	
Chloroform	E 8260	2.2	10	ug/kg	67-66-3	
Chloromethane	E 8260	7.2	10	ug/kg	74-87-3	
cis-1,2-Dichloroethene	E 8260	3.2	10	ug/kg	156-59-2	
cis-1,3-Dichloropropene	E 8260	6.5	10	ug/kg	10061-01-5	
Dibromochloromethane	E 8260	6.6	10	ug/kg	124-48-1	
Dibromochloropropane	E 8260	13	100	ug/kg	96-12-8	
Dibromomethane	E 8260	9.2	10	ug/kg	74-95-3	
Dichlorodifluoromethane	E 8260	3.7	10	ug/kg	75-71-8	
Ethylbenzene	E 8260	3.3	10	ug/kg	100-41-4	
Fuel Oxygenates	E 8260	8.5	10	ug/kg		
Hexachlorobutadiene	E 8260	60	100	ug/kg	87-68-3	
Methyl t-butyl ether (MTBE)	E 8260	30	80	ug/kg	1634-04-4	
Methylene chloride	E 8260	2	10	ug/kg	75-09-2	
n-Butylbenzene	E 8260	3.1	10	ug/kg	104-51-8	

Soil Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
n-Propylbenzene	E 8260	3.2	10	ug/kg	103-65-1	
Naphthalene	E 8260	2.5	10	ug/kg	91-20-3	
sec-Butylbenzene	E 8260	2.8	10	ug/kg	135-98-8	
Styrene	E 8260	2.7	10	ug/kg	100-42-5	
tert-Butylbenzene	E 8260	7.4	10	ug/kg	98-06-6	
Tetrachloroethene	E 8260	7	10	ug/kg	127-18-4	
Toluene	E 8260	6.3	10	ug/kg	108-88-3	
trans-1,2-Dichloroethene	E 8260	6	10	ug/kg	156-60-5	
trans-1,3-Dichloropropene	E 8260	9.1	10	ug/kg	10061-02-6	
Trichloroethene	E 8260	9	100	ug/kg	79-01-6	
Trichlorofluoromethane	E 8260	3.4	200	ug/kg	75-69-4	
Vinyl chloride	E 8260	6.6	20	ug/kg	75-01-4	
Total Xylene	E 8260	11	20	ug/kg		
m,p-Xylenes	E 8260	6.6	20	ug/kg	1330-20-7	
o-Xylene	E 8260	1.3	10	ug/kg	95-47-6	
Subtotal - Volatile Organic Compounds - Soil Price						\$ 75.00
Volatile Organic Compounds (BTEX Only)						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Benzene	E 8260	3.6	10	ug/kg	71-43-2	
Ethylbenzene	E 8260	3.3	10	ug/kg	100-41-4	
Toluene	E 8260	7	10	ug/kg	108-88-3	
Xylene	E 8260	11	20	ug/kg	1330-20-7	
Subtotal - Volatile Organic Compounds (BTEX Only) - Soil Price						\$ 50.00
Semi-Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
1,2,4,5-Tetrachlorobenzene	E 8270C	140	1000	ug/kg	95-94-3	
1,3,5-Trinitrobenzene	E 8270C	80	1000	ug/kg	99-35-4	
1,4-Naphthoquinone	E 8270C	67	1000	ug/kg	130-15-4	
1-Naphthylamine	E 8270C	98	2000	ug/kg	134-32-7	
2,3,4,6-Tetrachlorophenol	E 8270C	38	1000	ug/kg	58-90-2	
2,4,5-Trichlorophenol	E 8270C	69	1000	ug/kg	95-95-4	
2,4,6-Trichlorophenol	E 8270C	84	1000	ug/kg	88-06-2	
2,4-Dichlorophenol	E 8270C	120	1000	ug/kg	120-83-2	
2,4-Dimethylphenol	E 8270C	130	1000	ug/kg	105-67-9	
2,4-Dinitrophenol	E 8270C	55	5000	ug/kg	51-28-5	
2,4-Dinitrotoluene	E 8270C	39	1000	ug/kg	121-14-2	
2,6-Dichlorophenol	E 8270C	130	1000	ug/kg	87-85-0	
2,6-Dinitrotoluene	E 8270C	72	1000	ug/kg	606-20-2	
2-Acetylaminofluorene	E 8270C	40	1000	ug/kg	53-96-3	
2-Chloronaphthalene	E 8270C	120	1000	ug/kg	91-58-7	
2-Chlorophenol	E 8270C	150	1000	ug/kg	95-57-8	
2-Methylnaphthalene	E 8270C	130	1000	ug/kg	91-57-6	
2-Naphthylamine	E 8270C	100	1000	ug/kg	91-58-8	
2-Nitroaniline	E 8270C	64	5000	ug/kg	88-74-4	
2-Nitrophenol	E 8270C	150	1000	ug/kg	88-75-5	
3,3'-Dichlorobenzidine	E 8270C	89	1000	ug/kg	91-94-1	
3,3'-Dimethylbenzidine	E 8270C	33	1000	ug/kg	119-93-7	
3-Methylcholanthrene	E 8270C	86	1000	ug/kg	56-49-5	
3-Nitroaniline	E 8270C	40	5000	ug/kg	99-09-2	
4,6-Dinitro-2-methylphenol	E 8270C			ug/kg	534-52-1	
4-Aminobiphenyl	E 8270C	170	2000	ug/kg	92-67-1	
4-Bromophenyl phenyl ether	E 8270C	65	1000	ug/kg	101-55-3	
4-Chloro-3-methylphenol	E 8270C	57	1000	ug/kg	59-50-7	
4-Chloroaniline	E 8270C	74	2000	ug/kg	106-47-8	
4-Chlorophenyl phenyl ether	E 8270C	70	1000	ug/kg	7005-72-3	
4-Nitroaniline	E 8270C	35	5000	ug/kg	100-01-6	
4-Nitrophenol	E 8270C	25	10000	ug/kg	100-02-7	
5-Nitro-o-toluidine	E 8270C	38	1000	ug/kg	99-55-8	
7,12-Dimethylbenz(a)anthracene	E 8270C	57	1000	ug/kg	57-97-6	
Acenaphthene	E 8270C	87	1000	ug/kg	83-32-9	
Acenaphthylene	E 8270C	930	1000	ug/kg	208-96-8	
Acetophenone	E 8270C	140	1000	ug/kg	98-86-2	
Anthracene	E 8270C	43	1000	ug/kg	120-12-7	

Soil Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price	
Benzo(a)anthracene	E 8270C	31	1000	ug/kg	56-55-3		
Benzo(a)pyrene	E 8270C	38	1000	ug/kg	50-32-8		
Benzo(b)fluoranthene	E 8270C	100	1000	ug/kg	205-99-2		
Benzo(ghi)perylene	E 8270C	38	1000	ug/kg	191-24-2		
Benzo(k)fluoranthene	E 8270C	150	1000	ug/kg	192-97-2		
Benzo(k)fluoranthene	E 8270C	150	1000	ug/kg	207-08-9		
Benzyl Alcohol	E 8270C	140	20000	ug/kg	100-51-6		
Bis(2-chloroethoxy)methane	E 8270C	150	1000	ug/kg	111-91-1		
Bis(2-chloroethyl) ether	E 8270C	160	1000	ug/kg	111-44-4		
Bis(2-chloroisopropyl) ether	E 8270C	150	1000	ug/kg	108-60-1		
Bis(2-ethylhexyl) Phthalate	E 8270C	360	1000	ug/kg	117-81-7		
Butyl benzyl Phthalate	E 8270C	43	1000	ug/kg	85-68-7		
Chlorobenzilate	E 8270C	30	1000	ug/kg	510-15-6		
Chrysene	E 8270C	35	1000	ug/kg	218-01-9		
Diallate	E 8270C	120	1000	ug/kg	2303-16-4		
Dibenzo(a,h)anthracene	E 8270C	39	1000	ug/kg	53-70-3		
Dibenzofuran	E 8270C	74	1000	ug/kg	132-64-9		
Diethyl Phthalate	E 8270C	54	1000	ug/kg	84-66-2		
Dimethoate	E 8270C	48	2000	ug/kg	60-51-5		
Dimethyl Phthalate	E 8270C	51	1000	ug/kg	131-11-3		
Di-n-butyl Phthalate	E 8270C	59	1000	ug/kg	84-74-2		
Di-n-octyl Phthalate	E 8270C	59	1000	ug/kg	117-84-0		
Dinoseb	E 8270C	28	2000	ug/kg	88-85-7		
Diphenylamine	E 8270C	61	1000	ug/kg	122-39-4		
Disulfoton	E 8270C	72	1000	ug/kg	298-04-4		
Ethyl Methanesulfonate	E 8270C	140	2000	ug/kg	52-50-0		
Famphur	E 8270C	310	500000	ug/kg	52-85-7		
Fluoranthene	E 8270C	30	1000	ug/kg	206-44-0		
Fluorene	E 8270C	65	1000	ug/kg	86-73-7		
Hexachlorobenzene	E 8270C	63	1000	ug/kg	118-74-1		
Hexachlorobutadiene	E 8270C	180	1000	ug/kg	87-68-3		
Hexachlorocyclopentadiene	E 8270C	130	50000	ug/kg	77-47-4		
Hexachloroethane	E 8270C	160	1000	ug/kg	57-72-1		
Hexachloropropene	E 8270C	170	1000	ug/kg	1889-71-7		
Indeno(1,2,3-cd)pyrene	E 8270C	390	1000	ug/kg	193-39-5		
Isodrin	E 8270C	57	2000	ug/kg	465-73-6		
Isophorone	E 8270C	110	1000	ug/kg	78-59-1		
Isosafrole	E 8270C	120	1000	ug/kg	120-58-1		
Kepone	E 8270C	72	10000	ug/kg	143-50-0		
m-Cresol	E 8270C	190	1000	ug/kg	108-39-4		
m-Dinitrobenzene	E 8270C	47	2000	ug/kg	99-65-0		
Methapyrilene	E 8270C	12	10000	ug/kg	91-80-5		
Methyl Methanesulfonate	E 8270C	150	1000	ug/kg	66-27-3		
Methyl Parathion	E 8270C	65	1000	ug/kg	298-00-0		
Naphthalene	E 8270C			ug/kg	91-20-3		
Nitrobenzene	E 8270C	140	1000	ug/kg	98-95-3		
N-Nitrosodiethylamine	E 8270C	150	2000	ug/kg	55-18-5		
N-Nitrosodimethylamine	E 8270C	150	1000	ug/kg	62-75-9		
N-Nitrosod-n-butylamine	E 8270C	92	1000	ug/kg	924-16-3		
N-Nitrosod-n-propylamine	E 8270C	130	1000	ug/kg	621-64-7		
N-Nitrosodiphenylamine	E 8270C	61	1000	ug/kg	86-30-6		
N-Nitrosomethylethylamine	E 8270C		120	1000	ug/kg	10595-95-6	
N-Nitrosopiperidine	E 8270C	110	2000	ug/kg	100-75-4		
N-Nitrosopyrrolidine	E 8270C	92	10000	ug/kg	930-55-2		
o,o,p-Triethyl Phosphorothioate	E 8270C			ug/kg	126-68-1		
O-Cresol	E 8270C	130	1000	ug/kg	95-48-7		
O-Toluidine	E 8270C		84	2000	ug/kg	95-53-4	
p-(Dimethylamino) Azobenzene	E 8270C	190	1000	ug/kg	60-11-7		
Parathion (Ethyl)	E 8270C	43	1000	ug/kg	56-38-2		
p-Cresol	E 8270C	190	1000	ug/kg	108-44-5		
Pentachlorobenzene	E 8270C	88	1000	ug/kg	608-93-5		
Pentachloronitrobenzene	E 8270C	62	2000	ug/kg	82-68-8		
Pentachlorophenol	E 8270C	38	10000	ug/kg	87-86-5		
Phenacetin	E 8270C	35	2000	ug/kg	62-44-2		
Phenanthrene	E 8270C	42	1000	ug/kg	85-01-8		
Phenol	E 8270C	130	1000	ug/kg	108-95-2		
Phorate	E 8270C	65	1000	ug/kg	298-02-2		

Soil Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	units	CAS#	Unit Price
p-Phenylenediamine	E 8270C	15	1000	ug/kg	106-50-3	
Pronamide	E 8270C	54	1000	ug/kg	23950-58-5	
Pyrene	E 8270C	73	1000	ug/kg	129-00-0	
Safrole	E 8270C	140	1000	ug/kg	94-59-7	
Thionazin	E 8270C	61	1000	ug/kg	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Soil Price						\$ 150.00
Miscellaneous Constituents*						
Parameter	Proposed Test Method/Standard	Proposed MDL	Proposed RL	units	CAS#	Unit Price
Asbestos	PLM			%		\$ 50.00
Corrosivity Liquid	9040			pH		\$ 34.00
Corrosivity Solid	SW-846			pH		\$ 44.00
Ignitability	D-93-79			FP		\$ 15.00
Ignitability	D-93-80			FP		\$ 15.00
Ignitability	D-3278-78			FP		\$ 15.00
Ignitability	D-323			FP		\$ 15.00
Extractable Petroleum Hydrocarbons (C12-C24)	E 8015			mg/kg		\$ 35.00
Extractable Petroleum Hydrocarbons (C24-C40)	E 8015			mg/kg		\$ 35.00
Total Petroleum Hydrocarbons (C6-C12)	E 8015			mg/kg		\$ 35.00
Total Petroleum Hydrocarbons (C10-C22)	E 8015			mg/kg		\$ 35.00
Total Petroleum Hydrocarbons (C18-C30)	E 8015			mg/kg		\$ 35.00
Volatile Petroleum Hydrocarbons (C4-C12)	E 8015			mg/kg		\$ 35.00
Subtotal - Miscellaneous Constituents - Soil Price						\$ 398.00
Total Soil Monitoring Price						\$ 1,166.00
*Some parameters may not be required for all sites, however all chain of custodies will include a parameter list.						

EXHIBIT C – DATA DELIVERABLE FORMAT

ELEMENT	Data Deliverable Specifications
CASE NARRATIVE	client project identification
	laboratory identification
	test requests for samples
	discussion of any QC failure
	holding time violations
	observations/analytical comment
SAMPLE CUSTODY RECORDS	external
	internal
	written communications or telephone logs to client
SUMMARY OF SAMPLE RESULTS	client's and lab's sample ID number
	sample matrix
	date prepared
	date analysis
	instrument identification
	GC column and detector
	weight or volume of prepared sample
	dilution or concentration factor
	reporting limits
	data qualifier definitions
	analytical results including re-analyses, dilutions and confirmatory
SUMMARY OF QUALITY CONTROL	method blanks with cross reference to samples
	surrogate recoveries with recovery acceptance limits
	matrix spike recoveries with recovery acceptance limits
	matrix spike duplicate recoveries with recovery and RPD acceptance limits
	sample duplicate results with acceptance limits
	laboratory control samples with recovery acceptance limits
	method detection limit study results
	retention time windows

EXHIBIT D – ASCII TAB DELIMITED FORMAT

Test Method	Parameter	CAS#	Date Sampled	Well ID	Analysis	MDL	RL	Units	Lab No	Work Order No	Date Submitted	Date Analyzed	TIC
EPA 8260B	Bromodichloromethane	75-27-4	2/5/03 11:06 AM	BL-1	+1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8011	Dibromochloropropane (DBCP)	96-12-8	2/5/03 11:06 AM	BL-1	-1	0.003	0.01	ug/L	ALAB	A3B0194-01	2/5/03	2/11/03	N
EPA 8260B	1,2,3-Trichloropropane	96-18-4	2/5/03 11:06 AM	BL-1	-1	0.29	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	cis-1,3-Dichloropropene	10061-01-5	2/5/03 11:06 AM	BL-1	-1	0.3	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,1,2-Trichloroethane	79-00-5	2/5/03 11:06 AM	BL-1	-1	0.31	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Bromochloromethane	74-97-5	2/5/03 11:06 AM	BL-1	-1	0.33	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Carbon Disulfide	75-15-0	2/5/03 11:06 AM	BL-1	-1	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Chloromethane	74-87-3	2/5/03 11:06 AM	BL-1	+1	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	m,p-Xylenes	1330-20-7-1	2/5/03 11:06 AM	BL-1	50	0.36	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Dibromochloromethane	124-48-1	2/5/03 11:06 AM	BL-1	+1	0.37	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	o-Xylene	95-47-6	2/5/03 11:06 AM	BL-1	-1	0.41	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Total Xylenes	1330-20-7	2/5/03 11:06 AM	BL-1	25	0.41	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Bromomethane	74-83-9	2/5/03 11:06 AM	BL-1	+1	0.48	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Ethylbenzene	100-41-4	2/5/03 11:06 AM	BL-1	5	0.26	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,2-Dichloropropane	78-87-5	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Chloroethane	75-00-3	2/5/03 11:06 AM	BL-1	2	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Dibromomethane	74-95-3	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Trichloroethene	79-01-6	2/5/03 11:06 AM	BL-1	-1	0.5	0.5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	1,4-Dichloro-2-butene	110-57-6	2/5/03 11:06 AM	BL-1	-1	0.58	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Methyl isobutyl ketone (MIBK)	108-10-1	2/5/03 11:06 AM	BL-1	+1	0.95	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Iodomethane	74-88-4	2/5/03 11:06 AM	BL-1	-1	1.1	10	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	2-Butanone (MEK)	78-93-3	2/5/03 11:06 AM	BL-1	-1	1.2	3	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	2-Hexanone	591-78-6	2/5/03 11:06 AM	BL-1	-1	1.2	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260B	Acetone	67-64-1	2/5/03 11:06 AM	BL-1	-1	1.2	5	ug/L	ALAB	A3B0194-01	2/5/03	2/15/03	N
EPA 8260	Butanoic Acid, Propyl Ester	105-66-8	2/5/03 11:06 AM	BL-1	2100			ug/L	ALAB	A3B0194-01	2/5/03	2/5/03	Y