

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



ITEM
12.3
(ID # 8885)

MEETING DATE:

Tuesday, February 5, 2019


FROM : DEPARTMENT OF WASTE RESOURCES:

SUBJECT: DEPARTMENT OF WASTE RESOURCES: Approve First Amended and Restated Professional Service Agreement with BC Laboratories, Inc. for Environmental Laboratory Services for Groundwater, Leachate & Gas Condensate of County Landfills as required by State Water Quality Control Board, and Authorize Chairman to Execute. All Districts [\$47,500 - 100% Department of Waste Resources Enterprise Funds]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the attached First Amended and Restated Professional Service Agreement with BC Laboratories, Inc. for Environmental Laboratory Services for Groundwater, Leachate & Gas Condensate to increase the Agreement by \$47,500 for an additional three (3) months, and authorize the Chairman of the Board to execute the same on behalf of the County.


ACTION: Policy


Hans Kerkamp, General Manager - Chief Engineer 1/17/2019

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Perez, seconded by Supervisor Hewitt and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: February 5, 2019
xc: Waste

Kecia Harper
Clerk of the Board
By 
Deputy

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

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 47,500	\$ 0	\$ 47,500	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Department of Waste Resources Enterprise Funds			Budget Adjustment: No	
			For Fiscal Year: 18/19	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

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

Impact on Citizens and Businesses

None.

SUPPLEMENTAL:

Contract History and Price Reasonableness

On February 25, 2014, the Board approved Agenda No. 12-1C and an original agreement with BC Laboratories, Inc. for Environmental Laboratory Services for Groundwater, Leachate & Gas Condensate for \$190,000 annually. The motions authorized the Purchasing Agent to exercise the option to renew the agreement annually for up to four (4) additional years through February 2019.

The Department has initiated the Request for Proposal (RFP) process for a new contract award. A 3-month contract extension is requested to allow time for comprehensive review of bid submittals and contract negotiations. The restated agreement extends the period of performance from the original expiration date of February 25, 2015 to May 24, 2019 which includes the three month extension to ensure services will continue without interruption during the bid process.

Additional Fiscal Information

The annual expenditure amount continues to be budgeted at \$190,000 or \$47,500 per quarter. Therefore, for this 3-month proposed contract extension period, the estimated cost is not-to-exceed an additional \$47,500.

In compliance with California Government Code § 25502.5, County Counsel has recommended that any amendments for service agreements with an annual aggregate cost exceeding \$100,000 be ratified or executed exclusively by the Board.

County Counsel has approved the attached First Amended and Restated Professional Service Agreement as to legal form.

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

ATTACHMENT. First Amended and Restated Agreement

Prev. Agn. Ref.: M.O. 12-1c of 02/25/2014


Teresa Summers, Director of Purchasing 1/25/2019


Jason Farin, Senior Management Analyst 1/30/2019


Gregory P. Priamos, Director County Counsel 1/29/2019

FIRST AMENDED AND RESTATED
PROFESSIONAL SERVICE AGREEMENT
for
ENVIRONMENTAL LABORATORY SERVICES
GROUNDWATER, LEACHATE & GAS CONDENSATE
between
COUNTY OF RIVERSIDE
and
BC LABORATORIES, INC.



TABLE OF CONTENTS

<u>SECTION HEADING</u>	<u>PAGE NUMBER</u>
1. Description of Services	3
2. Period of Performance.....	3
3. Compensation.....	4
4. Alteration or Changes to the Agreement	5
5. Termination	5
6. Ownership/Use of Contract Materials and Products	6
7. Conduct of Contractor.....	7
8. Inspection of Service: Quality Control/Assurance	7
9. Independent Contractor/Employment Eligibility	8
10. Subcontract for Work or Services	9
11. Disputes	9
12. Licensing and Permits	10
13. Use by Other Political Entities	10
14. Non-Discrimination	10
15. Records and Documents	11
16. Confidentiality	11
17. Administration/Contract Liaison.....	11
18. Notices.....	12
19. Force Majeure	12
20. EDD Reporting Requirements	12
21. Hold Harmless/Indemnification	12
22. Insurance	13
23. General	16
Exhibit A-Scope of Service.....	19
Exhibit B-Payment Provisions	24
Exhibit C-Data Deliverable Format	45
Exhibit D-ASCII Tab Delimited Format.....	46

WHEREAS, the parties entered into that certain Professional or Personal Service Agreement for Environmental Laboratory Services (the "Original Agreement") on February 25, 2014, and the development of the related project has materially proceeded in accordance with the Original Agreement and is currently operational; and

WHEREAS, the parties now desire to enter into this FIRST AMENDED AND RESTATED PROFESSIONAL SERVICE AGREEMENT due to the term of the Original Agreement lapsing.

NOW THEREFORE, this FIRST AMENDED AND RESTATED PROFESSIONAL SERVICE AGREEMENT for ENVIRONMENTAL LABORATORY SERVICES (hereinafter "Agreement"), is entered into this ____ day of _____, 2019, by and between BC LABORATORIES, INC., a California corporation, (herein referred to as "CONTRACTOR"), and the COUNTY OF RIVERSIDE, a political subdivision of the State of California, (herein referred to as "COUNTY"). COUNTY and CONTRACTOR agree as follows:

1. Description of Services

1.1 CONTRACTOR shall provide all services as outlined and specified in Exhibit A, Scope of Services, at the prices stated in Exhibit B, Payment Provisions to the Agreement.

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 that 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

2.1 This Agreement shall be effective from February 12, 2015 and continues in effect through May 24, 2019, unless terminated earlier. CONTRACTOR shall continue performance upon signature of this Agreement by both parties and shall diligently and continuously perform thereafter in accordance with the tasks and timeline as outlined in Exhibit A. 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 (If applicable). 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 percentage change in Consumer Price Index- All Consumers, All Items – Inland Empire area for the twelve (12) month period December through December immediately preceding the adjustment, 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 DEPARTMENT OF WASTE RESOURCES
ATTN: ACCOUNTS PAYABLE
14310 FREDERICK STREET
MORENO VALLEY, CA 92553
or email to wasteaccountspayable@rivco.org

- 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-92588-001-06/16;

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, and invoices shall be rendered "monthly" in arrears. In the State of California, Government agencies are not allowed to pay excess interest and late charges, per Government Code, Section 926.10. 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.

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 If the Agreement is federally or State funded, CONTRACTOR cannot be debarred from the System for Award Management (SAM). CONTRACTOR must notify the COUNTY immediately of a 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 that the 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/Employment Eligibility

9.1 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.

9.2 CONTRACTOR warrants that it shall make its best effort to fully comply with all federal and state statutes and regulations regarding the employment of aliens and others and to ensure that employees performing work under this Agreement meet the citizenship or alien status requirement set forth in federal statutes and regulations. CONTRACTOR shall obtain, from all employees performing work hereunder, all verification and other documentation of employment eligibility status required by federal or state statutes and regulations including, but not limited to, the Immigration Reform and Control Act of 1986, 8 U.S.C. §1324 et seq., as they currently exist and as they may be hereafter amended. CONTRACTOR shall retain all such documentation for all covered employees, for the period prescribed by the law.

9.3 Ineligible Person shall be any individual or entity who: Is currently excluded, suspended, debarred or otherwise ineligible to participate in the federal health care programs; or has been convicted of a criminal offense related to the provision of health care items or services and has not been reinstated in the federal health care programs after a period of exclusion, suspension, debarment, or ineligibility.

9.4 CONTRACTOR shall screen prospective Covered Individuals prior to hire or engagement. CONTRACTOR shall not hire or engage any Ineligible Person to provide services directly relative to this Agreement. CONTRACTOR shall screen all current Covered Individuals within sixty (60) days of execution of this Agreement to ensure that they have not become Ineligible Persons unless CONTRACTOR has performed such screening on same Covered Individuals under a separate agreement with COUNTY within the past six (6) months. Covered Individuals shall be required to disclose to CONTRACTOR immediately any debarment, exclusion or other event that makes the Covered Individual an Ineligible Person. CONTRACTOR shall notify COUNTY within five (5) business days after it becomes aware if a Covered Individual providing services directly relative to this Agreement becomes debarred, excluded or otherwise becomes an Ineligible Person.

9.5 CONTRACTOR acknowledges that Ineligible Persons are precluded from providing federal and state funded health care services by contract with COUNTY in the event that they are currently sanctioned or excluded by a federal or state law enforcement regulatory or licensing agency. If CONTRACTOR becomes aware that a Covered Individual has become an Ineligible Person, CONTRACTOR shall remove such individual from responsibility for, or involvement with, COUNTY business operations related to this Agreement.

9.6 CONTRACTOR shall notify COUNTY within five (5) business days if a Covered Individual or entity is currently excluded, suspended or debarred, or is identified as such after being sanction screened. Such individual or entity shall be promptly removed from participating in any activity associated with this Agreement.

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

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 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

RIVERSIDE COUNTY WASTE RESOURCES
14310 FREDERICK STREET
MORENO VALLEY, CA 92553
BUYER
WastePurchasing@rivco.org
951-486-3200

CONTRACTOR

BC LABORATORIES, INC.
4100 ATLAS COURT
BAKERSFIELD, CA 93308-4510
ATTN: CAROLYN E. JACKSON
cjackson@bclabs.com
800-878-4911

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, action, claim or damage 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. CONTRACTOR shall defend the Indemnitees at its sole expense including all costs and fees (including, but not limited, to attorney fees, cost of investigation, defense and settlements or awards) in any claim or action based upon such acts, omissions or services.

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 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.

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. 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 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).

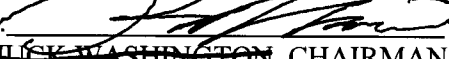
23.11 This Agreement shall be governed by the laws of the State of California. Any legal action related to the performance or interpretation of this Agreement shall be filed only in the Superior Court of the State of California located in Riverside, California, and the parties waive any provision of 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.

[SIGNATURES ON NEXT PAGE]

IN WITNESS WHEREOF, the Parties hereto have caused their duly authorized representatives to execute this Agreement.

COUNTY OF RIVERSIDE, a political subdivision of the State of California

By: 
~~CHUCK WASHINGTON~~, CHAIRMAN
 BOARD OF SUPERVISORS
 KEVIN JEFFRIES

Dated: FEB 05 2019

ATTEST:

Kecia Harper ~~them~~
 Clerk of the Board

By: 
 DEPUTY

Dated: FEB 05 2019

BC LABORATORIES, INC., a California Corporation

By: 
 CAROLYN E. JACKSON
 PRESIDENT

Dated: 01/08/2019

and

By: 

Name: Stuart Buttram

Title: Laboratory Director

Dated: 01/08/2019

Pursuant to California Corporations Code Section 313 please provide signature of chairman of the board, president, or any vice president; AND secretary, any assistant secretary, chief financial officer, treasurer, or any assistant treasurer. If only one signature, please also provide a resolution or other proof of delegated authority that shows signer can legally bind the corporation.

APPROVED AS TO FORM:

Gregory P. Priamos
 County Counsel

By: 

SUSANNA OH
 DEPUTY COUNTY COUNSEL

Dated: 1/16/19

EXHIBIT A
SCOPE OF SERVICE

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.

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.

1.1 Groundwater Sampling**1.1.1 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.

1.1.1.1 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

1.1.1.2 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.

1.1.1.3 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.

1.1.1.4 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.

1.1.1.5 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.

1.1.1.6 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

Performance Specifications**1.1.2 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).

1.1.3 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.

1.1.4 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.

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.

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.

Reporting Requirements/Format of Data

1.1.5 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:

1.1.5.1 Case Narrative

Sample Description Summary

Summary of Anomalies or Nonconformance

1.1.5.2 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.

1.1.5.3 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.

1.1.5.4 Chain of Custody Documentation

The report shall include all necessary chain of custody documentation.

1.1.5.5 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.

1.1.5.6 "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.

1.1.6 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.

1.1.7 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

PAYMENT PROVISIONS

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 6010	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
Ethane	RSK-175	0.0003	0.002	mg/l	74-82-8	\$ 40.00
Hydrogen Sulfide	AQMD 307.91	0.37	2.0 ppbv (units)	mg/l	64/7783	\$ 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	0.50	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	

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	74-87-5	
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	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	0.67	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	75-08-2	
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	0.36	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	
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 5.0	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 RLS	Units	CASH	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	105-67-9	
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	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	119-83-7	
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	0.87	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	88-86-2	
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	0.66	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	84-68-2	
Dimethoate	EPA 8270	0.46	20	ug/l	60-51-5	
Dimethyl Phthalate	EPA 8270	0.39	2.0	ug/l	131-11-3	
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	0.81	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	0.26	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	99-65-0	
Methapyrene	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-Nitrosodiethylamine	EPA 8270	0.43	10	ug/l	55-18-5	
N-Nitrosodimethylamine	EPA 8270	0.61	2.0	ug/l	62-75-8	
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	86-30-6	
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	288-02-2	
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 - 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	14797-85-0	\$ 6.00
Nitrate as NO3	EPA 300.0	0.11	0.44	mg/l	14797-55-8	\$ 6.00
Odor - Thiolcarb	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 custody 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 (NH ₄ -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 (PO ₄)	EPA 365.4	0.04	0.15	mg/l	226750-80-0	\$ 13.00
Specific Conductance	EPA 120.1	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	7440-38-0	\$ 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), Total	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	7439-82-1	\$ 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 (HCO ₃)	EPA 310.1	5	5	mg/l	71-52-3	0
Carbonate (CO ₃)	EPA 310.1	2.5	2.5	mg/l	3812-32-6	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 (NO ₃ -N)	EPA 300.0	0.025	0.1	mg/l	25-90-0	\$ 6.00
Sulfate (SO ₄)	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	98-12-8	
Ethylene dibromide (EDB)	EPA 504	0.0013	0.01	ug/l	106-93-4	
Subtotal - EDB and DBCP - Constituents of Concern Set Price						\$ 36.00

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	12672-28-6	
PCB-1254	EPA 8082	0.042	0.2	ug/l	11097-69-1	
PCB-1260	EPA 8082	0.02	0.2	ug/l	11098-82-5	
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	0.0019	0.005	ug/l	72-55-9	
4,4'-DDT	EPA 8081	0.00078	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	93-78-5	
2,4,5-TP (Silvex)	EPA 8151	0.018	0.07	ug/l	93-72-1	
2,4-D	EPA 8151	0.085	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 MBL	Proposed R	Units	GS#	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	79-00-6	
1,1-Dichloroethane	EPA 8260	0.11	0.50	ug/l	75-34-3	
1,1-Dichloroethene	EPA 8260	0.16	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	5.6	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	100-44-7	
Bromochloromethane	EPA 8260	0.24	0.5	ug/l	74-97-5	
Bromodichloromethane	EPA 8260	0.14	0.5	ug/l	75-27-4	
Bromoform	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	67-66-3	
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	10061-01-6	
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	0.096	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	80-62-6	
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	110-57-6	
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	1.8	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	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	91-57-8	
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	0.66	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	0.68	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	208-98-8	
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	0.28	10	ug/l	510-15-8	
Chrysene	EPA 8270	0.63	2.0	ug/l	218-01-9	
Dibenz(a,h)anthracene	EPA 8270	0.42	10	ug/l	2303-16-4	
Dibenzofuran	EPA 8270	0.26	3.0	ug/l	53-70-3	
Diethyl Phthalate	EPA 8270	0.21	2.0	ug/l	132-64-9	
Dimethoate	EPA 8270	0.33	2.0	ug/l	84-66-2	
Dimethyl Phthalate	EPA 8270	0.46	20	ug/l	60-51-5	
Di-n-butyl 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	

Groundwater Constituents of Concern Monitoring

Parameter	Proposed Test Method	Proposed MDA	Proposed RL	units	GCAS#	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	62-85-7	
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	485-73-6	
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	143-60-0	
m-Cresol	EPA 8270	0.4	5	ug/l	108-39-4	
m-Dinitrobenzene	EPA 8270	0.23	10	ug/l	99-65-0	
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	924-16-3	
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	86-30-8	
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	930-65-2	
o,o,o-Triethyl Phosphorothioate	EPA 8270	0.42	10	ug/l	128-68-1	
O-Cresol	EPA 8270	1	2.0	ug/l	95-48-7	
O-Toluidine	EPA 8270	0.49	10	ug/l	95-63-4	
p-(Dimethylamino) Azobenzene	EPA 8270	0.64	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	
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	23950-68-5	
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	7439-96-5	\$ 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-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	

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	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	0.068	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	0.15	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
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	Unit	CAS#	Unit Price
Alpha Terpineol	EPA 8270	0.47	2	ug/l	98-55-5	
Benzoic 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	108-44-5	
Phenol	EPA 8270	0.2	2.0	ug/l	108-95-2	
Subtotal - Semi-Volatile Organic Compounds - Stormwater Price						\$ 90.00

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		
Total Dissolved Solids	EPA 180.1		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	7440-38-0	\$ 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	7439-89-6	\$ 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)	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	7440-66-6	\$ 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	0.50	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 - 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 (HCO ₃)	EPA 310.1	5	5	mg/l	71-52-3	0
Carbonate (CO ₃)	EPA 310.1	2.5	2.5	mg/l	3812-32-6	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 (NO ₃ -N)	EPA 300.0	0.025	0.1	mg/l	25-90-0	\$ 6.00
Sulfate (SO ₄)	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	11141-18-5	
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-1260	EPA 8082	0.02	0.2	ug/l	11098-82-5	
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	0.00078	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	57-74-8	
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 MMDL	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	0.18	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	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	128-99-8	
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	0.099	0.50	ug/l	75-71-8	
Ethyl Methacrylate	EPA 8260	0.97	4.0	ug/l	97-63-2	
Ethylbenzene	EPA 8260	0.086	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	0.093	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	0.26	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	119-93-7	
3-Methylcholanthrene	EPA 8270	0.58	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	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	

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	6.3	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	99-85-0	
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-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	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 - 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	0.16	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	0.64	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	\$ 6.00
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	\$ 6.00
Cobalt	EPA 6010	0.011	0.50	mg/l	7440-48-4	\$ 6.00
Copper	EPA 6010	0.012	0.10	mg/l	7440-50-8	\$ 6.00
Lead	EPA 6010	0.19	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	\$ 6.00
Nickel	EPA 6010	0.028	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	0.016	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	0.083	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	12672-29-6	
PCB-1254	EPA 8082	0.78	10	ug/kg	11097-69-1	
PCB-1260	EPA 8082	2	10	ug/kg	11096-82-5	
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	0.026	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	0.086	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	0.063	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	0.086	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	0.061	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	94-75-7	
Subtotal - Chlorinated Herbicides - Soil Price						\$ 60.00
Volatile Organic Compounds*						
Parameter	Proposed Test Method	Proposed MDL	Proposed PQL	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	106-43-4	
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	75-25-2	
Bromomethane	EPA 8260	1.6	5	ug/kg	74-83-9	
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	75-00-3	
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	0.99	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	75-71-8	
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	104-61-8	
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	

Soil Monitoring

Parameter	Proposed Test Method	Proposed MDL	Proposed RL	Units	CAS#	Unit Price
tert-Butylbenzene	EPA 8260	1.2	5	ug/kg	98-08-8	
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	0.6	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	89-35-4	
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	100	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	608-20-2	
2-Acetylaminofluorene	EPA 8270	250	500	ug/kg	53-96-3	
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	108-47-8	
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	57-97-6	
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	EPA 8270			ug/kg	192-97-2	
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	510-15-6	
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	88-73-7	
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	
Kepone	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	
Methapyriline	EPA 8270	250	500	ug/kg	91-80-5	
Methyl Methanesulfonate	EPA 8270	250	500	ug/kg	68-27-3	
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	621-64-7	
N-Nitrosodiphenylamine	EPA 8270	21	100	ug/kg	86-30-6	
N-Nitrosomethylthylamine	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	108-44-5	
Pentachlorobenzene	EPA 8270	250	500	ug/kg	608-93-5	
Pentachloronitrobenzene	EPA 8270	100	300	ug/kg	82-68-8	
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	
Thioniazin	EPA 8270		250	1000	297-97-2	
Subtotal - Semi-Volatile Organic Compounds - Soil Price						\$ 90.00
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-93-79	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 8015	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 (C6-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 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