

COUNTY OF SISKIYOU  
CONTRACT FOR SERVICES  
FOR BOARD OF SUPERVISORS SIGNATURE  
(Landfill Sampling)

This Contract made this \_\_\_\_\_ day of \_\_\_\_\_, 2017 between:

COUNTY: Siskiyou County General Services  
190 Greenhorn Road  
Yreka, CA 96097

And

CONTRACTOR: Lawrence & Associates  
3590 Iron Court  
Shasta Lake, CA 96019

**ARTICLE 1. TERM OF CONTRACT**

- 1.01 Contract Term:** This Contract shall become effective on July 1, 2017 and shall terminate on June 30, 2018, unless terminated in accordance with the provisions of Article 7 of this Contract or as otherwise provided herein.

**ARTICLE 2. INDEPENDENT CONTRACTOR STATUS**

- 2.01 Independent Contractor:** It is the express intention of the parties that Contractor is an independent contractor and not an employee, agent, joint venture or partner of County. Nothing in this Contract shall be interpreted or construed as creating or establishing the relationship of employer and employee between County and Contractor or any employee or agent of Contractor. Both parties acknowledge that Contractor is not an employee for state or federal tax purposes. Contractor shall retain the right to perform services for others during the term of this Contract.

**ARTICLE 3. SERVICES**

- 3.01 Specific Services:** Contractor agrees to furnish the following services: Contractor shall provide the services described in Exhibit "A" attached hereto.

No additional services shall be performed by Contractor unless approved in advance in writing by the County stating the dollar value of the services, the method of payment, and any adjustment in contract time or other contract terms. All such services are to be coordinated with County and the results of the work shall be monitored by the (Scott Waite) or his or her designee.

- 3.02 Method of Performing Services: Contractor will determine the method, details, and means of performing the above-described services including measures to protect the safety of the traveling public and Contractor's employees. County shall not have the right to, and shall not, control the manner or determine the method of accomplishing Contractor's services.
- 3.03 Employment of Assistants: Contractor may, at the Contractor's own expense, employ such assistants as Contractor deems necessary to perform the services required of Contractor by this Contract. County may not control, direct, or supervise Contractor's assistants or employees in the performance of those services.

#### ARTICLE 4. COMPENSATION

- 4.01 Compensation: In consideration for the services to be performed by Contractor, County agrees to pay Contractor in proportion to services satisfactorily performed as specified in Exhibit A the not to exceed amount of twenty eight thousand dollars (\$28,000) for FY 17/18.
- 4.02 Invoices: Contractor shall submit detailed invoices for all services being rendered.
- 4.03 Date for Payment of Compensation: County shall pay within 30 days of receipt of invoices from the Contractor to the County, and approval and acceptance of the work by the County.
- 4.04 Expenses: Contractor shall be responsible for all costs and expenses incident to the performance of services for County, including but not limited to, all costs of materials, equipment, all fees, fines, licenses, bonds or taxes required of or imposed against Contractor and all other of Contractor's costs of doing business. County shall not be responsible for any expense incurred by Contractor in performing services for County.

#### ARTICLE 5. OBLIGATIONS OF CONTRACTOR

- 5.01 Contractor Qualifications: Contractor warrants that Contractor has the necessary licenses, experience and technical skills to provide services under this Contract.
- 5.02 Contract Management: Contractor shall report to (Scott Waite) or his or her designee who will review the activities and performance of the Contractor and administer this Contract.
- 5.03 Tools and Instrumentalities: Contractor will supply all tools and instrumentalities required to perform the services under this Contract. Contractor is not required to purchase or rent any tools, equipment or services from County.
- 5.04 Workers' Compensation: Contractor shall maintain a workers' compensation plan covering all its employees as required by California Labor Code Section 3700, either through workers' compensation insurance issued by an insurance company or through a plan of self-insurance certified by the State Director of Industrial Relations. If Contractor elects to be self-insured, the certificate of

insurance otherwise required by this Contract shall be replaced with a consent to self-insure issued by the State Director of Industrial Relations. Proof of such insurance shall be provided before any work is commenced under this contract. No payment shall be made unless such proof of insurance is provided.

**5.05 Indemnification for non-design professional services:** Contractor shall indemnify and hold County harmless against any and all liability imposed or claimed, including attorney's fees and other legal expenses, arising directly or indirectly from any act or failure of Contractor or Contractor's assistants, employees or agents, including all claims relating to the injury or death of any person or damage to any property. Contractor agrees to maintain a policy of liability insurance in the minimum amount of (\$1,000,000) One Million Dollars, to cover such claims or in an amount determined appropriate by the County Risk Manager. If the amount of insurance is reduced by the County Risk Manager such reduction must be in writing. Contractor shall furnish a certificate of insurance evidencing such insurance and naming the County as an additional insured for the above-cited liability coverage prior to commencing work. It is understood that the duty of Contractor to indemnify and hold harmless includes the duty to defend as set forth in Section 2778 of the California Civil Code. Acceptance by County of insurance certificates and endorsements required under this Contract does not relieve Contractor from liability or limit Contractor's liability under this indemnification and hold harmless clause. This indemnification and hold harmless clause shall apply to any damages or claims for damages whether or not such insurance policies shall have been determined to apply. By execution of this Contract, Contractor acknowledges and agrees to the provisions of this Section and that it is a material element of consideration.

**Indemnification for design professional services:** To the fullest extent permitted by law, including California Civil Code sections 2782 and 2782.8, Contractor shall defend (with legal counsel reasonably acceptable to County), indemnify and hold harmless County, its officers, agents and employees, from and against any and all claims, demands, losses, costs, damages, injuries (including injury to or death of an employee of Contractor or its subcontractors), expenses and liabilities of every kind, nature and attorney's fees, litigation expenses and fees of expert consultants or expert witnesses incurred in connection therewith) that arise out of, pertain to, or relate to, directly or indirectly, in whole or in part, the negligence, recklessness, or willful misconduct of Contractor, any subcontractor, anyone directly or indirectly employed by them or anyone that they control (collectively "Liabilities"). Such obligations to defend, hold harmless and indemnify County, its officers, agents and employees, shall not apply to the extent that such Liabilities are caused in part by the sole negligence, active negligence, or willful misconduct of the County, its officers, agents and employees. To the extent there is a obligation to indemnify under this Paragraph, Contractor shall be responsible for incidental and consequential damages resulting directly or indirectly, in whole or in part, from Contractor's negligence, recklessness or willful misconduct

- 5.06 General Liability and Automobile Insurance:** During the term of this Contract, Contractor shall obtain and keep in full force and effect a commercial, general liability and automobile policy or policies of at least (\$1,000,000) One Million Dollars, combined limit for bodily injury and property damage; the County, its officers, employees, volunteers and agents are to be named additional insured under the policies, and the policies shall stipulate that this insurance will operate as primary insurance for work performed by Contractor and its sub-contractors, and that no other insurance effected by County or other named insured will be called on to cover a loss covered thereunder. All insurance required herein shall be provided by a company authorized to do business in the State of California and possess at least a Best A:VII rating or as may otherwise be acceptable to County. The General Liability insurance shall be provided by an ISO Commercial General Liability policy, with edition dates of 1985, 1988, or 1990 or other form satisfactory to County. The County will be named as an additional insured using ISO form CG 2010 1185 or the same form with an edition date no later than 1990, or in other form satisfactory to County.
- 5.07 Certificate of Insurance and Endorsements:** Contractor shall obtain and file with the County prior to engaging in any operation or activity set forth in this Contract, certificates of insurance evidencing additional insured coverage as set forth in paragraphs 5.04 and 5.10 and which shall provide that no cancellation, reduction in coverage or expiration by the insurance company will be made during the term of this Contract, without thirty (30) days written notice to County prior to the effective date of such cancellation. **Naming the County as a "Certificate Holder" or other similar language is NOT sufficient satisfaction of the requirement.** Prior to commencement of performance of services by Contractor and prior to any obligations of County, contractor shall file certificates of insurance with County showing that Contractor has in effect the insurance required by this Contract. Contractor shall file a new or amended certificate on the certificate then on file. **If changes are made during the term of this Contract, no work shall be performed under this agreement, and no payment may be made until such certificate of insurance evidencing the coverage in paragraphs, 5.05, the general liability policy set forth in 5.06 and 5.10 are provided to County.**
- 5.08 Public Employees Retirement System (CalPERS):** In the event that Contractor or any employee, agent, or subcontractor of Contractor providing services under this Contract is determined by a court of competent jurisdiction or the Public Employees Retirement System (CalPERS) to be eligible for enrollment in CalPERS as an employee of the County, Contractor shall indemnify, defend, and hold harmless County for the payment of any employee and/or employer contributions of CalPERS benefits on behalf of Contractor or its employees, agents, or subcontractors, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of County. Contractor understands and agrees that his personnel are not, and will not be, eligible for memberships in, or any benefits from, any County group plan for hospital, surgical or medical insurance, or for membership in any County retirement program, or for paid vacation, paid sick leave, or other leave, with or without pay, or for any other benefit which accrues to a County employee.

- 5.09 IRS/FTB Indemnity Assignment:** Contractor shall defend, indemnify, and hold harmless the County, its officers, agents, and employees, from and against any adverse determination made by the Internal Revenue Service of the State Franchise Tax Board with respect to Contractor's "independent contractor" status that would establish a liability for failure to make social security and income tax withholding payments.
- 5.10 Professional Liability:** If Contractor or any of its officers, agents, employees, volunteers, contactors or subcontractors are required to be professionally licensed or certified by any agency of the State of California in order to perform any of the work or services identified herein, Contractor shall procure and maintain in force throughout the duration of the Contract a professional liability insurance policy with a minimum coverage level of (\$1,000,000) One Million Dollars, or as determined in writing by County's Risk Management Department.
- 5.11 State and Federal Taxes:** As Contractor is not County's employee, Contractor is responsible for paying all required state and federal taxes. In particular:
- a. County will not withhold FICA (Social Security) from Contractor's payments;
  - b. County will not make state or federal unemployment insurance contributions on behalf of Contractor.
  - c. County will not withhold state or federal income tax from payment to Contractor.
  - d. County will not make disability insurance contributions on behalf of Contractor.
  - e. County will not obtain workers' compensation insurance on behalf of Contractor.
- 5.12 Records:** All reports and other materials collected or produced by the Contractor or any subcontractor of Contractor shall, after completion and acceptance of the Contract, become the property of County, and shall not be subject to any copyright claimed by the Contractor, subcontractor, or their agents or employees. Contractor may retain copies of all such materials exclusively for administration purposes. Any use of completed or uncompleted documents for other projects by Contractor, any subcontractor, or any of their agents or employees, without the prior written consent of County is prohibited. It is further understood and agreed that all plans, studies, specifications, data magnetically or otherwise recorded on computer or computer diskettes, records, files, reports, etc., in possession of the Contractor relating to the matters covered by this Contract shall be the property of the County, and Contractor hereby agrees to deliver the same to the County upon request. It is also understood and agreed that the documents and other materials including but not limited to those set forth hereinabove, prepared pursuant to this Contract are prepared specifically for the County and are not necessarily suitable for any future or other use.
- 5.13 Contractor's Books and Records:** Contractor shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to charges for services or expenditures and disbursements charged to the County for a minimum of five (5) years, or for any longer period required by law, from the date of final payment to the Contractor under this Contract. Any records or documents required to be maintained shall

be made available for inspection, audit and/or copying at any time during regular business hours, upon oral or written request of the County.

- 5.14 Assignability of Contract:** It is understood and agreed that this Contract contemplates personal performance by the Contractor and is based upon a determination of its unique personal competence and experience and upon its specialized personal knowledge. Assignments of any or all rights, duties or obligations of the Contractor under this Contract will be permitted only with the express written consent of the County.
- 5.15 Warranty of Contractor:** Contractor warrants that it, and each of its personnel, where necessary, are properly certified and licensed under the laws and regulations of the State of California to provide the special services agreed to.
- 5.16 Withholding for Non-Resident Contractor:** Pursuant to California Revenue and Taxation Code Section 18662, payments made to nonresident independent contractors, including corporations and partnerships that do not have a permanent place of business in this state, are subject to 7 percent state income tax withholding.

Withholding is required if the total yearly payments made under this contract exceed \$1,500.00.

Unless the Franchise Tax Board has authorized a reduced rate or waiver of withholding and County is provided evidence of such reduction/waiver, all nonresident contractors will be subject to the withholding. It is the responsibility of the Contractor to submit the Waiver Request (Form 588) to the Franchise Tax Board as soon as possible in order to allow time for the Franchise Tax Board to review the request.

- 5.17 Compliance with Child, Family and Spousal Support Reporting Obligations:** Contractor's failure to comply with state and federal child, family and spousal support reporting requirements regarding contractor's employees or failure to implement lawfully served wage and earnings assignment orders or notices of assignment relating to child, family and spousal support obligations shall constitute a default under this Contract. Contractor's failure to cure such default within ninety (90) days of notice by County shall be grounds for termination of this Contract.
- 5.18 Conflict of Interest:** Contractor covenants that it presently has no interest and shall not acquire an interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the services hereunder. Contractor further covenants that, in the performance of this Contract, no subcontractor or person having such an interest shall be used or employed. Contractor certifies that no one who has or will have any financial interest under this contract is an officer or employee of County.
- 5.19 Compliance with Applicable Laws:** Contractor shall comply with all applicable federal, state and local laws now or hereafter in force, and with any applicable regulations, in performing the work and providing the services specified in this Contract. This obligation includes, without limitations, the acquisition and maintenance of any permits, licenses, or other entitlements necessary to perform the duties imposed expressly or impliedly under this Contract.

**5.20** Bankruptcy: Contractor shall immediately notify County in the event that Contractor ceases conducting business in the normal manner, becomes insolvent, makes a general assignment for the benefit of creditors, suffer or permits the appointment of a receiver for its business or assets, or avails itself of, or becomes subject to, any proceeding under the Federal Bankruptcy Act or any other statute of any state relating to insolvency or protection of the rights of creditors.

## **ARTICLE 6. OBLIGATIONS OF COUNTY**

**6.01** Cooperation of County: County agrees to comply with all reasonable requests of Contractor (to provide reasonable access to documents and information as permitted by law) necessary to the performance of Contractor's duties under this Contract.

## **ARTICLE 7. TERMINATION**

**7.01** Termination on Occurrence of State Events: This Contract shall terminate automatically on the occurrence of any of the following events:

1. Bankruptcy or insolvency of Contractor
2. Death of Contractor

**7.02** Termination by County for Default of Contractor: Should Contractor default in the performance of this Contract or materially breach any of its provisions, County, at County's option, may terminate this Contract by giving written notification to Contractor.

**7.03** Termination for Convenience of County: County may terminate this Contract at any time by providing a notice in writing to Contractor that the Contract is terminated. Said Contract shall then be deemed terminated and no further work shall be performed by Contractor. If the Contract is so terminated, the Contractor shall be paid for that percentage of the phase of work actually completed, based on a pro rata portion of the compensation for said phase satisfactorily completed at the time of notice of termination is received.

**7.04** Termination of Funding: County may terminate this Contract in any fiscal year in that it is determined there is not sufficient funding. California Constitution Article XVI Section 18.

## **ARTICLE 8. GENERAL PROVISIONS**

**8.01** Notices: Any notices to be given hereunder by either party to the other may be effected either by personal delivery in writing or by mail, registered or certified, postage prepaid or return receipt requested. Mailed notices shall be addressed to the parties at the addresses appearing in the introductory paragraph of this Contract, but each party may change the address by written notice in accordance with the paragraph. Notices delivered personally will be deemed communicated as of actual receipt; mailed notices will be deemed communicated as of two (2) days after mailing.

- 8.02** Entire Agreement of the Parties: This contract supersedes any and all contracts, either oral or written, between the Parties hereto with respect to the rendering of services by Contractor for County and contains all the covenants and contracts between the parties with respect to the enduring of such services in any manner whatsoever. Each Party to this Contract acknowledges that no representations, inducements, promises, or contract, orally or otherwise, have been made by any party, or anyone acting on behalf of any Party, which are not embodied herein, and that no other contract, statement, or promise not contained in this Contract shall be valid or binding. Any modification of this Contract will be effective only if it is in writing signed by the Party to be charged and approved by the County as provided herein or as otherwise required by law.
- 8.03** Partial Invalidity: If any provision in this Contract is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provision will nevertheless continue in full force without being impaired or invalidated in any way.
- 8.04** Attorney's Fees: If any action at law or in equity, including an action for declaratory relief, is brought to enforce or interpret the provisions of this Contract, the prevailing Party will be entitled to reasonable attorney's fees, which may be set by the court in the same action or in a separate action brought for that purpose, in addition to any other relief to which that party may be entitled.
- 8.05** Conformance to Applicable Laws: Contractor shall comply with the standard of care regarding all applicable federal, state and county laws, rules and ordinances. Contractor shall not discriminate in the employment of persons who work under this contract because of race, the color, national origin, ancestry, disability, sex or religion of such person.
- 8.06** Waiver: In the event that either County or Contractor shall at any time or times waive any breach of this Contract by the other, such waiver shall not constitute a waiver of any other or succeeding breach of this Contract, whether of the same or any other covenant, condition or obligation.
- 8.07** Governing Law: This Contract and all matters relating to it shall be governed by the laws of the State of California and the County of Siskiyou and any action brought relating to this Contract shall be brought exclusively in a state court in the County of Siskiyou.
- 8.08** Reduction of Consideration: Contractor agrees that County shall have the right to deduct from any payments contracted for under this Contract any amount owed to County by Contractor as a result of any obligation arising prior or subsequent to the execution of this contract. For purposes of this paragraph, obligations arising prior to the execution of this contract may include, but are not limited to any property tax, secured or unsecured, which tax is in arrears. If County exercises the right to reduce the consideration specified in this Contract, County shall give Contractor notice of the amount of any off-set and the reason for the deduction.
- 8.09** Negotiated Contract: This Contract has been arrived at through negotiation between the parties. Neither party is to be deemed the party which prepared this Contract within the meaning of California Civil Code Section 1654. Each party hereby represents and warrants that in executing this Contract it does so with full knowledge of the rights and duties it may have with respect to the other. Each party also represents and warrants that it has received independent legal advice

from its attorney with respect to the matters set forth in this Contract and the rights and duties arising out of this Contract, or that such party willingly foregoes any such consultation.

- 8.10** Time is of the Essence: Time is of the essence in the performance of this Contract.
- 8.11** Materiality: The parties consider each and every term, covenant, and provision of this Contract to be material and reasonable.
- 8.12** Authority and Capacity: Contractor and Contractor's signatory each warrant and represent that each has full authority and capacity to enter into this Contract.
- 8.13** Binding on Successors: All of the conditions, covenants and terms herein contained shall apply to, and bind, the heirs, successors, executors, administrators and assigns of Contractor. Contractor and all of Contractor's heirs, successors, executors, administrators, and assigns shall be jointly and severally liable under the Contract.
- 8.14** Cumulation of Remedies: All of the various rights, options, elections, powers and remedies of the parties shall be construed as cumulative, and no one of them exclusive of any other or of any other legal or equitable remedy which a party might otherwise have in the event of a breach or default of any condition, covenant or term by the other party. The exercise of any single right, option, election, power or remedy shall not, in any way, impair any other right, option, election, power or remedy until all duties and obligations imposed shall have been fully performed.
- 8.15** No Reliance On Representations: Each party hereby represents and warrants that it is not relying, and has not relied upon any representation or statement made by the other party with respect to the facts involved or its rights or duties. Each party understands and agrees that the facts relevant, or believed to be relevant to this Contract, may hereunder turn out to be other than, or different from the facts now known to such party as true, or believed by such party to be true. The parties expressly assume the risk of the facts turning out to be different and agree that this Contract shall be effective in all respects and shall not be subject to rescission by reason of any such difference in facts.

(Signature Page Follows)

Executed in Yreka, California, on the date and year first above written.

CONTRACTOR:

By: Bryan W. Lawrence  
Lawrence & Associates  
TAXPAYER I.D. on file

\_\_\_\_\_ Date

COUNTY OF SISKIYOU

By: \_\_\_\_\_  
Michael N. Kobseff, Chair

ATTEST:  
COLLEEN SETZER  
Clerk, Board of Supervisors

By: \_\_\_\_\_  
Deputy

ACCOUNTING:  
Fund 5350 Organization 404010 Account 723000 FY 17/18 \$28,000

" Exhibit A "



P08203.07

April 4, 2017

Mr. Mike Reusze  
Siskiyou County Department of General Services  
P.O. Box 1127  
Yreka, CA 96097

Dear Mike:

**SUBJECT: PROPOSAL FOR GROUNDWATER FIELD-MONITORING AND SAMPLING SERVICES, FOR VARIOUS SISKIYOU COUNTY LANDFILLS DURING FISCAL YEAR 2017/2018, SISKIYOU COUNTY, CALIFORNIA**

Enclosed is our proposal to provide groundwater field-monitoring and sampling services for Black Butte, McCloud, Yreka, Tulelake, and Happy Camp Landfills, Siskiyou County, California. Lawrence & Associates will perform this work during the Fiscal Year 2017/2018; which includes the third quarter of 2017 through second quarter of 2018.

Siskiyou County General Services will continue to be responsible for sampling surface water and storm water.

The cost of the work to be conducted by Lawrence & Associates is estimated to be \$28,000, which will be billed on a time and expense, not-to-exceed basis.

If you would like us to perform the work, please incorporate the attached proposal into your contract and provide us copies for signature. Please call me if you have any questions.

Sincerely,

Bryan W. Gartner  
Senior Geologist

Enclosures: 2017/2018 Landfill Field-Monitoring and Sampling Proposal  
Attachment A – Schedule of Fees

## INTRODUCTION

This proposal presents a plan for performing quarterly and semiannual groundwater field monitoring and sampling for the Black Butte, McCloud, Tulelake, Yreka, and Happy Camp Landfills. The groundwater monitoring will be conducted from third-quarter 2017 through the end of second-quarter 2018 (four quarters).

## GROUNDWATER MONITORING

### General

Lawrence & Associates (L&A) will conduct standard observations and measure groundwater levels and field parameters (temperature, electrical conductivity, pH, and turbidity) and sample monitoring wells at the Black Butte, McCloud, Tulelake, Yreka, and Happy Camp Landfills.

### Monitored Parameters

Groundwater monitoring will conform to the current Waste Discharge Requirements (WDRs). Laboratory analysis will be conducted by BC Laboratories of Bakersfield, California; Basic Laboratory of Redding, California; or other laboratory selected by Siskiyou County. All labs will invoice Siskiyou County directly for laboratory services.

### Black Butte Landfill, WDR No. R5-2003-0038

#### 1. *Quarterly Parameters*

- a) Groundwater Elevations
- b) Temperature
- c) Electrical Conductivity
- d) pH
- e) Turbidity
- f) Total Dissolved Solids (TDS)
- g) Chloride
- h) Carbonate
- i) Bicarbonate
- j) Nitrate (as nitrogen)
- k) Sulfate
- l) Calcium
- m) Magnesium
- n) Potassium
- o) Sodium

#### 2. *Semiannual Parameters – run during 4<sup>th</sup> quarter*

- a) “Short list” volatile organics (EPA method 8260B); will not be run when annual “long list” is analyzed

#### 3. *Annual Constituents of Concern (COCs) – run during 2<sup>nd</sup> quarter*

- a) Total Organic Carbon
- b) Dissolved Inorganics (aluminum, antimony, arsenic, barium, beryllium, cadmium, total chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, tin, vanadium, and zinc; cyanide and sulfide)
- c) “Long list” Volatile Organics (EPA method 8260B)
- d) Semi-volatile Organic Compounds (EPA Method 8270C)

Five-Year Constituents of Concern (COCs) were analyzed in second-quarter 2016 at Black Butte Landfill, and will not need to be analyzed again until second-quarter 2021.

McCloud Landfill, WDR No. R5-2003-0082

1. *Quarterly Parameters*
  - a) Groundwater elevations
2. *Semiannual Parameters*
  - a) pH
  - b) EC
  - c) Temperature
  - d) Turbidity
  - e) Total Dissolved Solids
  - f) Alkalinity (bicarbonate and carbonate)
  - g) Chloride
  - h) Sulfate
  - i) Nitrate (as nitrogen)
  - j) Calcium
  - k) Magnesium
  - l) Sodium
  - m) Potassium
  - n) Tannins & Lignins
  - o) "Short list" volatile organics (EPA method 8260)

Five-year COCs were analyzed for McCloud Landfill during first-half 2016. Five-year COC monitoring will not be due again until second-half 2021.

Yreka Landfill, WDR Nos. 93-83 and 89-68

1. *Quarterly Parameters*
  - a) Groundwater Elevation
  - b) pH (field)
  - c) Electrical Conductivity (field)
  - d) Temperature (field)
  - e) Turbidity (field)
  - f) Total Dissolved Solids
  - g) Chloride
  - h) Sulfate
  - i) Nitrate (as nitrogen)
  - j) Calcium
  - k) Magnesium
  - l) Potassium
  - m) Sodium
  - n) Bicarbonate
  - o) Carbonate
  - p) Fluoride
  - q) Hardness
  - r) Chemical Oxygen Demand (COD)

- s) Volatile Organic Compounds by EPA 8260B (per EMP)
- 2. *Annual Parameters – to be run during 2<sup>nd</sup> quarter*
  - a) Volatile Organic Compounds (EPA method 8260B)
  - b) Dissolved Inorganics (aluminum, antimony, arsenic, barium, beryllium, cadmium, total chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, tin, vanadium, and zinc; cyanide and sulfide)
- 3. *Five-Year COC Parameters – scheduled for 3<sup>rd</sup> quarter 2017*
  - a) Semi-volatile Organic Compounds
  - b) Organophosphorus Pesticides
  - c) Chlorinated Herbicides

The Yreka Transfer Station will continue to operate under the State General Industrial Storm Water Permit. County staff will continue to perform four sampling events (as feasible), monthly storm water observations from October through May, quarterly non-storm-water observations, and an annual comprehensive inspection and review in June, and prepare the annual storm water report due July 1. Additional monitoring requirements in the Yreka Landfill WDRs include collecting surface-water samples during January and April of each year, and analyze for the same general mineral constituents listed under groundwater monitoring above.

City of Tulelake Landfill, WDR No. RI-2004-0032

- 1. *Quarterly Parameters*
  - a) Groundwater Elevations
  - b) Temperature (field)
  - c) pH (field or lab)
  - d) Electrical Conductivity (field or lab)
  - e) Turbidity (field or lab)
  - f) Total Dissolved Solids
  - g) Bicarbonate Alkalinity
  - h) Carbonate Alkalinity
  - i) Hydroxide Alkalinity
  - j) Hardness
  - k) Chemical Oxygen Demand
  - l) Nitrate (as nitrogen)
  - m) Chloride
  - n) Sulfate
  - o) Fluoride
  - p) Calcium
  - q) Magnesium
  - r) Potassium
  - s) Sodium
- 2. *Semiannual Parameters – 2<sup>nd</sup> (included under 5-year parameters) and 3<sup>rd</sup> quarters*  
Volatile Organic Compounds

3. *Annual Parameters – to be run during 2<sup>nd</sup> quarter*
  - a) Siltation check in well casings
  - b) Dissolved metals (antimony, arsenic, barium, beryllium, copper, iron, lead, manganese, nickel, silver, thallium, vanadium, and zinc); included under five-year dissolved inorganics, see below.
  
4. *Five-Year Parameters – to be performed once sufficient sample is available*
  - a) Carbonate (included under quarterly parameters)
  - b) Bicarbonate Alkalinity (included under quarterly parameters)
  - c) “Long list” volatile organics (EPA method 8260), including MTBE
  - d) Semi-volatile Organics (EPA method 8270)
  - e) Organochlorine Pesticide, PCBs (EPA 8080)
  - f) Chlorophenoxy Herbicides (EPA method 8150)
  - g) Organophosphorus Compounds (EPA method 8141)
  - h) Dissolved Inorganics (aluminum, antimony, arsenic, barium, beryllium, cadmium, total chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, tin, vanadium, zinc, cyanide, and sulfide)

Groundwater levels at Tulelake Landfill have been dropping over the last 15 years, and the groundwater-monitoring wells have been dry for the last few years. Groundwater will be analyzed for all required monitoring parameters if sufficient sample volume is obtained from the groundwater-monitoring wells.

Happy Camp Landfill WDR No. R1-2002-0055

1. *Quarterly Parameters*
  - a) Groundwater Elevations
  
2. *Semiannual Parameters-Groundwater*
  - a) pH (field)
  - b) Electrical Conductivity (field)
  - c) Temperature (field)
  - d) Turbidity (field)
  - e) Total Dissolved Solids (TDS)
  - f) Bicarbonate Alkalinity
  - g) Carbonate Alkalinity
  - h) Hydroxide Alkalinity
  - i) Chemical Oxygen Demand
  - j) Hardness
  - k) Chloride
  - l) Ammonia (as nitrogen)
  - m) Nitrate (as nitrogen)
  - n) Nitrite
  - o) Total Kjeldahl Nitrogen (TKN)
  - p) Sulfate
  - q) Calcium
  - r) Magnesium

- s) Potassium
  - t) Sodium
  - u) Manganese
  - v) Volatile organic compounds including MTBE (EPA Method 8260B); long list 2<sup>nd</sup> quarter and short list 4<sup>th</sup> quarter
2. *Five-Year Constituents of Concern (COCs)-Groundwater—partially analyzed during second-half 2016, further parameters to be analyzed during first-half 2017 and/or second-half 2017*
- a) Dissolved inorganics (aluminum, antimony, arsenic, barium, beryllium, cadmium, total chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, tin, vanadium, and zinc; cyanide and sulfide)
  - b) “Long list” volatile organics (EPA method 8260B)
  - c) Semivolatile organic compounds (EPA Method 8270C)
  - d) Organophosphorus compounds (EPA method 8141A)
  - e) Chlorophenoxy herbicides (EPA method 8151A)
  - f) Organochlorine pesticides, PCBs (EPA method 8080)

Monitoring for five-year COCs for Happy Camp Landfill began during second-half 2016 but could not be completed because sample volumes produced were very limited, so additional sampling will be performed in 2017. County staff will continue to conduct surface-water monitoring to be performed three times a year (during the first month of runoff, January, and March)

The Happy Camp Transfer Station will operate under the State General Industrial Storm Water Permit, so County staff will continue to perform two sampling events, monthly storm water observations from October through May, quarterly non-storm-water observations, an annual comprehensive inspection and review in June, and prepare the annual storm water report due July 1.



**LAWRENCE  
& ASSOCIATES**  
ENGINEERS & GEOLOGISTS

**ATTACHMENT A - SCHEDULE OF FEES**  
EFFECTIVE JANUARY 1, 2017

**Professional Services**

<b>Engineering Geologist/Hydrogeologist</b>	
Principal .....	\$160/hour
Senior .....	\$135/hour
Associate .....	\$115/hour
Staff .....	\$105/hour
Assistant .....	\$100/hour
<b>Engineer</b>	
Principal Engineer .....	\$160/hour
Senior Registered Civil .....	\$140/hour
Associate Civil .....	\$120/hour
Assistant Civil .....	\$105/hour
Engineering Technician.....	\$85/hour
Project Manager.....	\$125/hour
Environmental Assessor .....	\$110/hour
AutoCAD Operator (Level I).....	\$85/hour
AutoCAD Operator (Level II) .....	\$75/hour
Field Technician .....	\$85/hour
Laborer .....	\$65/hour
Surveyor .....	\$80/hour
Tank Fund Administrator .....	\$65/hour
Clerical .....	\$65/hour
Word Processor.....	\$65/hour

**Deposition and Court Appearances**

Minimum charge.....	\$1400 part or full day
Deposition or Court Appearance Rate .....	\$250/hr
Preparation at consulting-service rates .....	as listed above

**Drilling Services (CME-55 drilling rig)**

7-5/8 and 9-5/8-inch OD augers with operator and helper .....	(See drilling schedule of fees)
Mobilization .....	(See drilling schedule of fees)

**Other In-House Equipment**

Test pumps (submersible, through 5 HP) .....	quoted/job
Campbell 21X data loggers w/ transducers (water and gas).....	quoted/job
Conductivity, oxygen, temperature and dissolved oxygen probes.....	quoted/job
Meteorological station (wind direction and velocity) .....	quoted/job
Gas-extraction and air-monitoring pumps .....	quoted/job
Mileage.....	\$0.70
Mileage (drilling rig) .....	\$1.00
Per diem (per person/day; may vary dep. upon location) .....	\$120+/day
Level D protection (per person/day).....	\$30/day
Survey equipment (per day).....	\$50/day
GPS Survey (per day) .....	\$150/day

**Expenses, Materials, Outside Services**

(All direct-job related expenses: reproduction, rental equipment, materials, subcontracted labor and equipment) .....	at cost + 15%
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Client#: 1718

LAWREASSO1

ACORD™

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/01/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Dealey, Renton & Associates P. O. Box 12675 Oakland, CA 94604-2675 510 465-3090	<b>CONTACT NAME:</b> Nancy Ferrick <b>PHONE (A/C, No, Ext):</b> 510 465-3090 <b>E-MAIL ADDRESS:</b> nferrick@dealeyrenton.com	<b>FAX (A/C, No):</b> 510 452-2193
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> Lawrence & Associates 3590 Iron Court Shasta Lake, CA 96019	<b>INSURER A:</b> Crum & Forster Specialty Insura <b>NAIC #</b> 44520	
	<b>INSURER B:</b> Travelers Indemnity Co. of Conn <b>25682</b>	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
	<b>INSURER F:</b>	

**COVERAGES**                      **CERTIFICATE NUMBER:**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WYVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X X	EPK115594	02/01/2017	02/01/2018	EACH OCCURRENCE \$4,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$50,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$4,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COM/OP AGG \$4,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS	X X	BA3977X570	02/01/2017	02/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB EXCESS LIAB DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability		EPK115594	02/01/2017	02/01/2018	\$4,000,000 per Claim \$4,000,000 Annl Aggr.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

General Liability Policy excludes claims arising out of the performance of professional services.

30 Days Notice of Cancellation (10 Days for Non-Payment of Premium).

All Operations of the Named Insured. Siskiyou County, its officers, employees, volunteers and agents are named as an additional insured as respects general liability for claims arising from the operations of the named insured. Insurance is Primary and Non-contributory with Severability of Interest clause.

## CERTIFICATE HOLDER

## CANCELLATION

Siskiyou County  
 P.O. Box 1127  
 Yreka, CA 96097

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Julie L. Nelson*

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**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
CONTRACTORS POLLUTION LIABILITY COVERAGE PART

### **SCHEDULE**

**Name Of Additional Insured Person(s) or Organization(s)**  
Where Required By Written Contract

**SECTION III – WHO IS AN INSURED** within the Common Provisions is amended to include as an additional insured the person(s) or organization(s) indicated in the Schedule shown above, but only with respect to liability caused, in whole or in part, by "your work" for that insured which is performed by you or by those acting on your behalf.

**ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.**