**CONTRACT RESULTING FROM REQUEST FOR PROPOSAL NUMBER 10090245-25-R, LANDFILL GAS SYSTEMS SUPPORT SERVICES**

This Contract (Contract) is entered into by and between the City of San Diego, a municipal corporation (City), and the successful proposer to Request for Proposal (RFP) # 10090245-25-R, LANDFILL GAS SYSTEMS SUPPORT SERVICES (Contractor).

**RECITALS**

On or about 6/02/2025, City issued an RFP to prospective proposers on services to be provided to the City. The RFP and any addenda and exhibits thereto are collectively referred to as the "RFP." The RFP is attached hereto as Exhibit A.

City has determined that Contractor has the expertise, experience, and personnel necessary to provide the services.

City wishes to retain Contractor to operate and maintain two of the City's landfill gas control and collection systems as further described in the Scope of Work, attached hereto as Exhibit B. (Services).

For good and valuable consideration, the sufficiency of which is acknowledged, City and Contractor agree as follows:

**ARTICLE I**
**CONTRACTOR SERVICES**

**1.1 Scope of Work.** Contractor shall provide the Services to the City as described in Exhibit B which is incorporated herein by reference. Contractor will submit all required forms and information described in Exhibit A to the Purchasing Agent before providing Services.

**1.2 General Contract Terms and Provisions.** This Contract incorporates by reference the General Contract Terms and Provisions, attached hereto as Exhibit C.

**ARTICLE II**
**DURATION OF CONTRACT**

**2.1 Term.** This Contract shall be for a period of 5 years beginning on the Effective Date. Unless otherwise terminated, this Contract shall be effective until completion of the Scope of Services. The term of this Contract shall not exceed five years unless approved by the City Council by ordinance.

**2.2 Effective Date**. This Contract shall be effective on the date it is executed by the last Party to sign the Contract and approved by the City Attorney in accordance with San Diego Charter Section 40.

## ARTICLE III
## COMPENSATION

**3.1 Amount of Compensation.** City shall pay Contractor for performance of all Services rendered in accordance with this Contract in an amount not to exceed $3,000,000.00. (ED _____)

## ARTICLE IV
## WAGE REQUIREMENTS

**4.1** By submitting a response to this RFP, Contractor certifies that he or she is aware of, and agrees to comply with, the wage provisions described in Exhibit D, Wage Requirements, which is incorporated herein by reference, before commencing Services.

## ARTICLE V
## CONTRACT DOCUMENTS

**5.1 Contract Documents.** The following documents comprise the Contract between the City and Contractor: this Contract and all exhibits thereto, the RFP; the Notice to Proceed; and the City's written acceptance of exceptions or clarifications to the RFP, if any.

**5.2 Contract Interpretation.** The Contract Documents completely describe the Services to be provided. Contractor will provide any Services that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result whether or not specifically called for or identified in the Contract Documents. Words or phrases which have a well-known technical or construction industry or trade meaning and are used to describe Services will be interpreted in accordance with that meaning unless a definition has been provided in the Contract Documents.

**5.3 Precedence.** In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the Parties will use the order of precedence as set forth below. The 1st document has the highest priority. Inconsistent provisions in the Contract Documents that address the same subject, are consistent, and have different degrees of specificity, are not in conflict and the more specific language will control. The order of precedence from highest to lowest is as follows:

1st Any properly executed written amendment to the Contract

2nd The Contract

3rd The RFP and the City's written acceptance of any exceptions or clarifications to the RFP, if any

4th Contractor's Pricing

**5.4 Counterparts.** This Contract may be executed in counterparts which, when taken together, shall constitute a single signed original as though all Parties had executed the same page.

**5.5 Public Agencies.** Other public agencies, as defined by California Government Code section 6500, may choose to use the terms of this Contract, subject to Contractor's acceptance. The City is not liable or responsible for any obligations related to a subsequent Contract between Contractor and another public agency.

IN WITNESS WHEREOF, this Contract is executed by City and Contractor acting by and through their authorized officers.

CONTRACTOR

SCS Engineers
Contractor

8799 Balboa Avenue Suite 290
Street Address

San Diego
City

7604198519
Telephone No.

bduffy@scsengineers.com
E-Mail

BY: Brian Duffy
Brian Duffy (Sep 3, 2025 10:27:14 PDT)
Signature of Contractor's Authorized Representative

Brian Duffy
Print Name

Regional Manager, Vice President
Title

09/03/2025
Date

CITY OF SAN DIEGO
A Municipal Corporation

BY: _____

Print Name:
Claudia Abarca
Director, Purchasing & Contracting Department

09/03/2025
Date Signed

Approved as to form this 3 day of September, 2025.
HEATHER FERBERT, City Attorney

BY: _____
Deputy City Attorney

The City of SAN DIEGO

**Purchasing & Contracting Department**

August 21, 2025

VIA EMAIL TO: bduffy@scsengineers.com

Mr. Brian Duffy, Project Director
SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123

Reference: Request for Proposal (RFP) 10090245-25-R, Landfill Gas Systems Support Services

Dear Mr. Duffy:

Subject: Exceptions

On July 8th, 2025, the City of San Diego received your exceptions relating to the above referenced solicitation.

Exhibit A, item A.2.2 of the subject RFP, states, in pertinent part: "Any exceptions to the Contract that have not been accepted by the City in writing are deemed rejected. The City, in its sole discretion, may accept some or all of proper's exceptions, reject proposer's exceptions and deem the proposal non-responsive, or award the Contract without proposer's proposed exceptions.

This letter confirms our agreement to modify the terms of the Contract relating to the above-referenced solicitation. The Parties agree as follows:

1. The City **rejects** SCS Engineers' requests to modify Exhibit C: General Terms and Provisions, Section 5.5.1 Delays and Extensions.

2. The City **rejects** SCS Engineers' requests to modify Exhibit C: General Terms and Provisions, Section 6.1 Rights in Data.

3. The City **rejects** SCS Engineers' requests to modify Exhibit C: General Terms and Provisions, Section 6.2 Intellectual Property Rights Assignment.

4. The City **rejects** SCS Engineers' requests to modify Exhibit C: General Terms and Provisions, Section 7.1 Indemnification.

5. The City **rejects** SCS Engineers' requests to modify Exhibit C: General Terms and Provisions, Section 7.2.5.2 Primary Coverage.

6. The City **rejects** SCS Engineers' requests to modify Exhibit C: General Terms and Provisions, Section 12.1 Mandatory Assistance.

Please indicate your agreement with the above by signing the bottom of this letter and returning the original signed document to the at the address noted below. Thank you for your assistance.

Sincerely,

Rene Lelevier
Senior Procurement Contracting Officer, Purchasing & Contracting

This Letter is executed by the City and Contractor acting by and through their authorized officers.

SCS ENGINEERS

By:_____

Name: Brian Duffy

Title: Regional Manager, Vice President

Date: 8/21/2025

THE CITY OF SAN DIEGO

By:_____

Name: Claudia Abarca

Title: Director, Purchasing & Contracting

Date: 09/03/2025

**EXHIBIT A**
**PROPOSAL SUBMISSION AND REQUIREMENTS**

## A. PROPOSAL SUBMISSION

**1. Timely Proposal Submittal.** Proposals must be submitted as described herein to the Purchasing & Contracting Department (P&C).

**1.1 Reserved.**

**1.2 Paper Proposals.** The City will accept paper proposals in lieu of eProposals. Paper proposals must be submitted in a sealed envelope to the Purchasing & Contracting Department (P&C) located at 1200 Third Avenue, Suite 200, San Diego, CA 92101. The Solicitation Number and Closing Date must be referenced in the lower left-hand corner of the outside of the envelope. Faxed proposals will not be accepted.

**1.3 Proposal Due Date.** Proposals must be submitted prior to the Closing Date indicated on the eBidding System. E-mailed and/or faxed proposals will not be accepted.

**1.4 Pre-Proposal Conference.** No pre-proposal conference will be held for RFP.

**1.4.1** Reserved.

**1.5 Questions and Comments.** Written questions and comments must be submitted electronically via the eBidding System no later than the date specified on the eBidding System. Only written communications relative to the procurement shall be considered. The City's eBidding System is the only acceptable method for submission of questions. All questions will be answered in writing. The City will distribute questions and answers without identification of the inquirer(s) to all proposers who are on record as having received this RFP, via its eBidding System. No oral communications can be relied upon for this RFP. Addenda will be issued addressing questions or comments that are determined by the City to cause a change to any part of this RFP.

**1.6 Contact with City Staff.** Unless otherwise authorized herein, proposers who are considering submitting a proposal in response to this RFP, or who submit a proposal in response to this RFP, are prohibited from communicating with City staff about this RFP from the date this RFP is issued until a contract is awarded.

**2. Proposal Format and Organization.** Unless electronically submitted, all proposals should be securely bound and must include the following completed and executed forms and information presented in the manner indicated below:

**Tab A - Submission of Information and Forms.**

**2.1** Completed and signed Contract Signature Page. If any addenda are issued, the latest Addendum Contract Signature Page is required.

**2.2** Exceptions requested by proposer, if any. The proposer must present written factual or legal justification for any exception requested to the Scope of Work, the Contract, or the Exhibits thereto. Any exceptions to the Contract that have not been accepted

by the City in writing are deemed rejected. The City, in its sole discretion, may accept some or all of proposer's exceptions, reject proposer's exceptions, and deem the proposal non-responsive, or award the Contract without proposer's proposed exceptions. The City will not consider exceptions addressed elsewhere in the proposal.

**2.3** The Contractor Standards Pledge of Compliance Form.

**2.4** Equal Opportunity Contracting forms including the Work Force Report and Contractors Certification of Pending Actions.

**2.5** Living Wage Ordinance Certification of Compliance.

**2.6** Licenses as required in Exhibit B.

**2.7** Reserved.

**2.8** Reserved.

**2.9** Reserved.

**Tab B - Executive Summary and Responses to Specifications.**

**2.10** A title page.

**2.11** A table of contents.

**2.12** An executive summary, limited to one typewritten page, that provides a high-level description of the proposer's ability to meet the requirements of the RFP and the reasons the proposer believes itself to be best qualified to provide the identified services.

**2.13** Proposer's response to the RFP.

**Tab C - Cost/Price Proposal (if applicable).** Proposers shall submit a cost proposal in the form and format described herein. Failure to provide cost(s) in the form and format requested may result in proposal being declared non-responsive and rejected.

**3. Proposal Review.** Proposers are responsible for carefully examining the RFP, the Specifications, this Contract, and all documents incorporated into the Contract by reference before submitting a proposal. If selected for award of contract, proposer shall be bound by same unless the City has accepted proposer's exceptions, if any, in writing.

**4. Addenda.** The City may issue addenda to this RFP as necessary. All addenda are incorporated into the Contract. The proposer is responsible for determining whether addenda were issued prior to a proposal submission. Failure to respond to or properly address addenda may result in rejection of a proposal.

**5. Quantities.** The estimated quantities provided by the City are not guaranteed. These quantities are listed for informational purposes only. Quantities vary depending on the demands of the City. Any variations from the estimated quantities shall not entitle the proposer to an adjustment in the unit price or any additional compensation.

**6. Quality.** Unless otherwise required, all goods furnished shall be new and the best of their kind.

**6.1 Items Offered.** Proposer shall state the applicable trade name, brand, catalog, manufacturer, and/or product number of the required good, if any, in the proposal.

**6.2 Brand Names.** Any reference to a specific brand name in a solicitation is illustrative only and describes a component best meeting the specific operational, design, performance, maintenance, quality, or reliability standards and requirements of the City. Proposer may offer an equivalent or equal in response to a brand name referenced (Proposed Equivalent). The City may consider the Proposed Equivalent after it is subjected to testing and evaluation which must be completed prior to the award of contract. If the proposer offers an item of a manufacturer or vendor other than that specified, the proposer must identify the maker, brand, quality, manufacturer number, product number, catalog number, or other trade designation. The City has complete discretion in determining if a Proposed Equivalent will satisfy its requirements. It is the proposer's responsibility to provide, at their expense, any product information, test data, or other information or documents the City requests to properly evaluate or demonstrate the acceptability of the Proposed Equivalent, including independent testing, evaluation at qualified test facilities, or destructive testing.

**7. Modifications, Withdrawals, or Mistakes.** Proposer is responsible for verifying all prices and extensions before submitting a proposal.

**7.1 Modification or Withdrawal of Proposal Before Proposal Opening.** Prior to the Closing Date, the proposer or proposer's authorized representative may modify or withdraw the proposal by providing written notice of the proposal modification or withdrawal to the City Contact via the eBidding System. E-mail or telephonic withdrawals or modifications are not permissible.

**7.2 Proposal Modification or Withdrawal of Proposal After Proposal Opening.** Any proposer who seeks to modify or withdraw a proposal because of the proposer's inadvertent computational error affecting the proposal price shall notify the City Contact identified on the eBidding System no later than three working days following the Closing Date. The proposer shall provide worksheets and such other information as may be required by the City to substantiate the claim of inadvertent error. Failure to do so may bar relief and allow the City recourse from the bid surety. The burden is upon the proposer to prove the inadvertent error. If, as a result of a proposal modification, the proposer is no longer the apparent successful proposer, the City will award to the newly established apparent successful proposer. The City's decision is final.

**8. Incurred Expenses**. The City is not responsible for any expenses incurred by proposers in participating in this solicitation process.

**9. Public Records.** By submitting a proposal, the proposer acknowledges that any information submitted in response to this RFP is a public record subject to disclosure unless the City determines that a specific exemption in the California Public Records Act (CPRA) applies. If the proposer submits information clearly marked confidential or proprietary, the City may protect such information and treat it with confidentiality to the extent permitted by law. However, it will be the responsibility of the proposer to provide to the City the specific legal grounds on which the City can rely in withholding information requested under the CPRA should the City choose to withhold such information. General references to sections of

the CPRA will not suffice. Rather, the proposer must provide a specific and detailed legal basis, including applicable case law, that clearly establishes the requested information is exempt from the disclosure under the CPRA. If the proposer does not provide a specific and detailed legal basis for requesting the City to withhold proposer's confidential or proprietary information at the time of proposal submittal, City will release the information as required by the CPRA and proposer will hold the City, its elected officials, officers, and employees harmless for release of this information. It will be the proposer's obligation to defend, at proposer's expense, any legal actions or challenges seeking to obtain from the City any information requested under the CPRA withheld by the City at the proposer's request. Furthermore, the proposer shall indemnify and hold harmless the City, its elected officials, officers, and employees from and against any claim or liability, and defend any action brought against the City, resulting from the City's refusal to release information requested under the CPRA which was withheld at proposer's request. Nothing in the Contract resulting from this proposal creates any obligation on the part of the City to notify the proposer or obtain the proposer's approval or consent before releasing information subject to disclosure under the CPRA.

**10. Right to Audit.** The City Auditor may access proposer's records as described in San Diego Charter section 39.2 to confirm contract compliance.

## B. PRICING

**1. Fixed Price.** All prices shall be firm, fixed, fully burdened, FOB destination, and include any applicable delivery or freight charges, and any other costs required to provide the requirements as specified in this RFP. The lowest total estimated contract price of all the proposals that meet the requirements of this RFP will receive the maximum assigned points to this category as set forth in this RFP. The other price schedules will be scored based on how much higher their total estimated contract prices compare with the lowest:

$$\left(1 - \frac{\text{(contract price - lowest price)}}{\text{lowest price}}\right) \times \text{maximum points} = \text{points received}$$

For example, if the lowest total estimated contract price of all proposals is $100, that proposal would receive the maximum allowable points for the price category. If the total estimated contract price of another proposal is $105 and the maximum allowable points is 60 points, then that proposal would receive (1 – ((105 – 100) / 100) x 60 = 57 points, or 95% of the maximum points. The lowest score a proposal can receive for this category is zero points (the score cannot be a negative number). The City will perform this calculation for each Proposal.

**2. Taxes and Fees.** Taxes and applicable local, state, and federal regulatory fees should not be included in the price proposal. Applicable taxes and regulatory fees will be added to the net amount invoiced. The City is liable for state, city, and county sales taxes but is exempt from Federal Excise Tax and will furnish exemption certificates upon request. All or any portion of the City sales tax returned to the City will be considered in the evaluation of proposals.

**3. Escalation.** An escalation factor is not allowed.

**4. Unit Price.** Unless the proposer clearly indicates that the price is based on consideration of being awarded the entire lot and that an adjustment to the price was made based on receiving the entire proposal, any difference between the unit price correctly extended and the total price shown for all items shall be offered shall be resolved in favor of the unit price.

## C. EVALUATION OF PROPOSALS

**1. Award.** The City shall evaluate each responsive proposal to determine which proposal offers the City the best value consistent with the evaluation criteria set forth herein. The proposer offering the lowest overall price will not necessarily be awarded a contract.

**2. Sustainable Materials.** Consistent with Council Policy 100-14, the City encourages use of readily recyclable submittal materials that contain post-consumer recycled content.

**3. Evaluation Process.**

**3.1 Process for Award.** A City-designated evaluation committee (Evaluation Committee) will evaluate and score all responsive proposals. The Evaluation Committee may require proposer to provide additional written or oral information to clarify responses. Upon completion of the evaluation process, the Evaluation Committee will recommend to the Purchasing Agent that award be made to the proposer with the highest scoring proposal.

**3.2 Reserved.**

**3.3 Reserved.**

**3.4 Discussions/Negotiations**. The City has the right to accept the proposal that serves the best interest of the City, as submitted, without discussion or negotiation. Contractors should, therefore, not rely on having a chance to discuss, negotiate, and adjust their proposals. The City may negotiate the terms of a contract with the winning proposer based on the RFP and the proposer's proposal, or award the contract without further negotiation.

**3.5 Inspection.** The City reserves the right to inspect the proposer's equipment and facilities to determine if the proposer is capable of fulfilling this Contract. Inspection will include, but not limited to, survey of proposer's physical assets and financial capability. Proposer, by signing the proposal agrees to the City's right of access to physical assets and financial records for the sole purpose of determining proposer's capability to perform the Contract. Should the City conduct this inspection, the City reserves the right to disqualify a proposer who does not, in the City's judgment, exhibit the sufficient physical and financial resources to perform this Contract.

**3.6 Evaluation Criteria**. The following elements represent the evaluation criteria that will be considered during the evaluation process:

| | MAXIMUM EVALUATION POINTS |
|---|---|
| **A. Responsiveness to the RFP.**<br>1. Requested information included and thoroughness of response<br>2. Understanding of the project and ability to deliver as exhibited in the Executive Summary.<br>3. Technical Aspects, proposed method to accomplish the work, including technical and management considerations.<br>4. Exceptions to RFP | **25** |
| **B. Staffing Plan.**<br>1. Qualifications of personnel adequate for requirement<br>2. Availability/Geographical location of personnel for required tasks<br>3. Clearly defined Roles/Responsibilities of personnel<br>4. Documentation proof for Staff who have passed/cleared any security background checks and OSHA training.<br>5. Strength of key personnel (management personnel and technical personnel) and commitment to the project. | **25** |
| **C. Firm's Capability to provide the services and expertise and Past Performance.**<br>1. Relevant experience of the Firm and subcontractors<br>2. Previous relationship of firm and subcontractors on similar projects<br>3. Knowledge and understanding of local "environment" and a local presence for interfacing with the City's project management staff. The "environment" includes but is not limited to: City and other local agencies regulations and policies; local environmental documentation requirements; geotechnical conditions in project.<br>4. Location in the general geographical area of the project and knowledge of the locality of the Project<br>5. Past/Prior Performance<br>6. Capacity/Capability to meet The City of San Diego needs in a timely manner<br>7. Reference checks | **35** |
| **D. Price.** | **15** |
| SUB TOTAL MAXIMUM EVALUATION POINTS: | **100** |
| **F. Participation by Small Local Business Enterprise (SLBE) or Emerging Local Business Enterprise (ELBE) Firms*** | **12** |
| FINAL MAXIMUM EVALUATION POINTS INCLUDING SLBE/ELBE: | **112** |

*The City shall apply a maximum of an additional 12 percentage points to the proposer's final score for SLBE OR ELBE participation. Refer to Equal Opportunity Contracting Form, Section V.

**D. ANNOUNCEMENT OF AWARD**

**1. Award of Contract**. The City will inform all proposers of its intent to award a Contract in writing.

**2. Obtaining Proposal Results**. No solicitation results can be obtained until the City announces the proposal or proposals best meeting the City's requirements. Proposal results may be obtained by: (1) e-mailing a request to the City Contact identified on the eBidding System or (2) visiting the P&C eBidding System to review the proposal results. To ensure an accurate response, requests should reference the Solicitation Number. Proposal results will not be released over the phone.

**3. Multiple Awards.** City may award more than one contract by awarding separate items or groups of items to various proposers. Awards will be made for items, or combinations of items, which result in the lowest aggregate price and/or best meet the City's requirements. The additional administrative costs associated with awarding more than one Contract will be considered in the determination.

**E. PROTESTS.** The City's protest procedures are codified in Chapter 2, Article 2, Division 30 of the San Diego Municipal Code (SDMC). These procedures provide unsuccessful proposers with the opportunity to challenge the City's determination on legal and factual grounds. The City will not consider or otherwise act upon an untimely protest.

**F. SUBMITTALS REQUIRED UPON NOTICE TO PROCEED.** The successful proposer is required to submit the following documents to P&C **within ten (10) business days** from the date on the Notice to Proceed letter:

**1. Insurance Documents.** Evidence of all required insurance, including all required endorsements, as specified in Article VII of the General Contract Terms and Provisions.

**2. Taxpayer Identification Number.** Internal Revenue Service (IRS) regulations require the City to have the correct name, address, and Taxpayer Identification Number (TIN) or Social Security Number (SSN) on file for businesses or persons who provide goods or services to the City. This information is necessary to complete Form 1099 at the end of each tax year. To comply with IRS regulations, the City requires each Contractor to provide a Form W-9 prior to the award of a Contract.

**3. Business Tax Certificate.** Unless the City Treasurer determines a business is exempt, all businesses that contract with the City must have a current business tax certificate.

**4. Reserved.**

**5. Reserved.**

The City may find the proposer to be non-responsive and award the Contract to the next highest scoring responsible and responsive proposer if the apparent successful proposer fails to timely provide the required information or documents.

**EXHIBIT B**
**SCOPE OF WORK**

**A. SPECIFICATIONS**. The City of San Diego's (City) Environmental Services Department (ESD) is seeking proposals from experienced and qualified providers (Contractor) to operate and maintain two of the City's Landfill Gas Control and Collection Systems (LFG Systems)in a manner to ensure compliance with all current federal, state, and local rules and regulations and optimize LFG removal and efficiency in a cost-effective manner. The City is continually improving and enhancing LFG extraction at its sites as conditions and regulations require.

1. The scope of services will be divided into two tasks. The requirements of each task will be described in Section E, Service Requirements. These tasks are defined as:

    - Routine Services
    - Additional Services

2. The City has LFG Systems in place at two of its inactive landfill sites, Arizona Street Landfill and South Chollas Landfill. The sites and addresses are as follows:

    - Arizona Street Landfill
      2890 Pershing Drive
      San Diego, CA 92104

    - South Chollas Landfill
      2781 Caminito Chollas
      San Diego, CA 92105

**B. BACKGROUND – SITE DESCRIPTIONS**. A brief description of each landfill as part of this LFG System operation and maintenance contract (Contract) are included in the following sections. Maps of the sites showing LFG extraction well and perimeter monitoring probe locations are included as Attachment B1 and Attachment B2.

1. **Arizona Street Landfill**. The Arizona Street Landfill is located on the northeast corner of Balboa Park and covers 66.8-acres. The site was initially developed as the Balboa Park Landfill for disposal of demolition debris from 1935 to 1936. From 1952 to 1974 the site was operated as the Arizona Street Landfill, a Class III municipal solid waste disposal facility, and received approximately 1,938,000 tons of waste. The site is unlined and currently has an interim cover consisting of native and imported unclassified soil placed over the refuse.

   In 1991, the City installed a LFG Systems and a flare station. The flare station began operation on July 1991 and is currently operated and maintained by a provider under contract to the City. Since the original construction, improvements and modifications, including additional wells and piping, have been added to the system. There are presently 91 LFG extraction wells and 8 condensate sumps within the landfill. The site has a total of 19 monitoring probes in a total of eight different well casing.

2. **South Chollas Landfill.** The South Chollas Landfill 216-acre site includes the main landfill and a City Operations Station. Between 1951 and 1981, the South Chollas Landfill operated as a Class III landfill that accepted approximately 4.75 million tons of municipal solid waste. The site is unlined and currently has an interim cover consisting of native and imported unclassified soil placed over the refuse.

   In 1993, the City installed a LFG Systems and flare station, which are currently operated and maintained by a provider under contract to the City. Since the original construction improvements and modifications, including additional wells and piping have been added to the system. The LFG control system presently consists of 3 individual loops connected to one flare. There are presently 160 LFG collection wells and 22 condensate sumps. The collection system operates nearly continuously, incinerating approximately 650 cubic feet of LFG per minute. Re-building of this system is ongoing to correct the effects of landfill settlement. The site has a total of 112 monitoring probes within 57 different well casings.

3. **Applicable Regulations.** The LFG Systems must be operated, maintained and upgraded by the City in a manner that complies with all applicable federal, state, and local rules and regulations. These regulations include, but are not limited to those shown in Table 1, below:

**Table 1 – Applicable Rules and Regulations**

| Site | Migration Monitoring | Surface Emission Monitoring | Well Monitoring |
|---|---|---|---|
| **Arizona St. Landfill** | Title 27 of California Code of Regulations (CCR) | Rule 59, 59.1 of the San Diego Air Pollution Control District (SDAPCD) | Monthly monitoring Title 27 of CCR |
| **South Chollas Landfill** | Title 27 of California CCR | Rule 59, 59.1 of the SDAPCD, CA Landfill Methane Regulation (LMR) AB32/SB32 | Monthly monitoring Title 27 of CCR, LMR |

4. **Each LFG System includes:**

   - Flare station with all related monitoring, mechanical and electrical equipment.
   - Well field, including extraction wells, headers, vaults, casings, sumps, and valves.
   - LFG migration monitoring probes, including vaults, casings, and monitoring valves.
   - Condensate collection, storage, sumps, and air compressor system.

**C. DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER.**

| | Registration No. | Expiration Date | Name |
|---|---|---|---|
| DIR Registration No. | | | |

**D. LICENSE.** To perform the work described in this Contract, Contractor must hold a current Class "A" General contractor's license.

Any Contractor holding a different license who feels qualified to bid on this Contract must notify the City Contact in writing at least seven (7) days prior to the bid closing. After a thorough review of the proposed license substitution, the City will inform the Contractor, in writing, of its decision prior to the bid closing. The City's decision is final.

| | License Number | Expiration Date | Name |
|---|---|---|---|
| State of California General Engineering Contractors License | Class: A<br>No.: | | |

**E. SERVICE REQUIREMENTS.** The Contractor shall be responsible for the operation, maintenance, monitoring, general administration, and management of field personnel. The Contractor shall maintain a clear, precise working relationship with the City and shall have sufficient, experienced managerial, professional and technical personnel to fulfill the City's requirements. The Contractor shall furnish all necessary personnel, equipment, material, and transportation to perform the work in a timely and professional manner.

The Contractor shall be assigned to perform the following services at the City's Arizona Street and South Chollas Landfills at the City's discretion:

1. **Routine Services.** Routine Services are considered scheduled base level services that are required to be performed and are not considered "as-needed", such as those indicated as Additional Services in Section 2 below. Contractor shall continue the operation and maintenance of the City's LFG Systems as established under the existing programs which include, but are not limited to:

    a. The Contractor shall perform daily, weekly, monthly, annual, bi-annual and tri-annual tasks. These tasks shall include, but not be limited to, monitoring, data collection and reporting, condensate management, flare station activities, well field activities and housekeeping activities. Included are responses to flare shutdown events, annual updates to the operation and maintenance manuals, and all administrative expenses and consumables incurred by these activities.

    b. Flare station activities shall include, but are not limited to, calibration of instrumentation, troubleshooting as required, all regularly scheduled maintenance for all components as indicated by the manufacturers of those components including oils, greases, belts, and similar replaceable parts. The Contractor shall keep an on-site log of all maintenance performed. Replacement or significant repair of flare components shall be considered non-routine and are discussed in Sub-Section 2, Additional Services.

    c. At a minimum, flare station oxygen sensor and flow meter shall be calibrated in accordance with SDAPCD permit requirements or manufacturers recommendation, whichever is most restrictive, and recorded in logs and reports.

d. Testing and reporting shall include the methane destruction and removal efficiency testing of the LFG flare located at the South Chollas landfill for federal landfill New Source Performance Standards and greenhouse gas mandatory reporting. Contractor will provide for stack access and all safety and operational considerations for and during setup, sampling and de-mobilization. Contractor will provide review and interpretation of results to the City and include in the LMR Annual Report for the South Chollas Landfill.

e. At a minimum, the Arizona Street and South Chollas landfill flare stations shall be monitored weekly. Monitoring reports shall include, but are not limited to, the following:

    1) System gas stream concentration readings (methane, carbon dioxide, oxygen, balance gases and procedures) at the flare. (South Chollas landfill requires four readings at the flare, one for the West loop header, East loop header, Holy Spirit loop header and one for the discharge pipe showing the combination of the three headers).

    2) System operating information including, but not limited to, system vacuum pressure, blower discharge pressure, LFG flow rate into the flare, flame arrestor head loss, flare stack temperature, air compressor pressure, level of liquid in condensate tank, and observing louver position as a percent open.

    3) Observe and record monitoring devices in flare control panel including chart and data recorders, oxygen sensor, flow rate sensor, temperature sensor, and emergency call box functionality.

    4) All valves checked to be in working condition and at the appropriate setting.

    5) Any calibration reports for flow meters, oxygen sensors, and other devices.

f. Well field activities shall include but are not limited to, monitoring, adjustments to the system, data recording and management, routine maintenance, minor repairs, and minor part replacement. Typical minor repairs and replacements include, but are not limited to, replacement of quick connect inserts, reattaching or replacing of flex hoses, replacement of caps to hose barbs, and similar duties as needed. Routine maintenance includes, but is not limited to, removal of excessive insects from vaults, relabeling wells, probes, and condensate traps as needed to clearly identify them, clearing and removal of excessive vegetation or dirt in and around vaults, and other duties needed to maintain the well field operational. Additionally, all visible portions of the LFG extraction wells, monitoring ports, condensate collection system (piping, pumps, and valves) shall be visually inspected for leaks, tears, and signs of wear. All deleterious conditions shall be recorded and reported in writing to the City within 24 hours of the site inspection.

g. The LFG extraction wells and monitoring ports shall be monitored monthly for gas stream concentrations (methane, carbon dioxide, oxygen and balance gases), temperature, operating pressures (system and well) and flow. Wells shall be adjusted, as necessary, to achieve targeted performance goals that may vary for each extraction well. The Contractor shall present the City suggested goals and after receiving City

written approval shall implement the goals. Goals may consist of targets for flow, methane content, carbon dioxide content, balance gas content, oxygen content, vacuum, temperature, flow, or some combination thereof.

h. At a minimum, LFG condensate sumps shall be inspected monthly for proper operation and performance. LFG condensate sumps shall be visually inspected for potential maintenance or repair issues, liquid content, sump integrity, and conditions of hoses and couplings. All deleterious conditions shall be recorded and reported to the City in writing within 24 hours of the site inspection. Minor repairs, such as replacement of hoses, shall be considered a routine task. Replacement of valves, sump pumps, or regulators will be considered non-routine and are discussed in Sub-Section 2, Additional Services.

i. The perimeter gas migration monitoring wells shall be monitored quarterly for methane, carbon dioxide, oxygen, balance gas concentrations and pressure. The Contractor is to immediately notify the City of any probe with a methane concentration of 5 percent or greater by volume. Within 24 hours of such an exceedance the Contractor is to provide written notification, via e-mail, to the City of the exceedance and corrective action taken. In addition, all visible portions of the probes shall be visually inspected for leaks and general conditions. All deleterious conditions shall be recorded and reported in writing to the City within 24 hours of the site inspection.

j. Surface emission monitoring shall be conducted in accordance with the most stringent applicable regulations and any other applicable regulatory requirements not fulfilled by those regulations (See Table 1). At a minimum, monitoring shall be conducted on a quarterly basis. Contractor will document each quarterly event by a letter report which will include a map showing the monitoring completed and all areas of exceedance. The City shall be notified by the Contractor in writing within 24 hours of the location(s) of any exceedance. For the South Chollas Landfill, Contractor will perform, at a minimum, one annual LMR monitoring, organize and review the necessary data and records and prepare the annual LMR compliance report, provide for City review and comments and finalize report for submittal to SDAPCD.

k. Assistance with SDAPCD inspections including but not limited to providing requested documentation and other similar activities.

l. Each year, the City will provide the Contractor a copy of the SDAPCD permit for each gas collection and flaring system. The Contractor shall review all permit conditions and comply with them. If at any time the Contractor has reason to believe a permit condition cannot be complied with, the Contractor shall notify the City within 24 hours via email. A copy of the permit shall be kept at each flare station.

m. Data shall be collected for all monitoring activities, including but not limited to, flare monitoring, LFG extraction well monitoring, perimeter gas migration well monitoring, and surface emissions monitoring. By the 10th of each month, the Contractor shall provide a letter report for each site, under separate cover, containing all data collected and activity performed in the month prior. The Contractor shall provide an electronic copy. These reports should contain a summary of all improvements performed at each site during the reporting period. All reports must include the date, time, and monitoring personnel for the recorded data included in the report. The data shall also be maintained in a database that is compatible with City software packages (Microsoft

Office) to permit tracking of long-term trends. The report shall include calibration data for monitoring instruments used during the reporting period. Maps shall be included with the report, when requested, that clearly indicates the location of all LFG extraction wells, monitor probes, sumps, piping, and areas of settlement, cracking, and surface emissions and LFG extraction system emissions in excess of applicable regulations. Additionally, the Contractor shall evaluate long term trends and report to the City any variations between monthly monitoring and established trends. The reports shall be signed by an appropriately licensed, in charge professional. The Contractor shall provide electronic copies of all reports.

n. In addition to well monitoring, data evaluation, and report preparation, the routine services portion of the Contract shall include, but not be limited to, the following tasks:

    1) Preparation for and attendance of meetings with City staff.

    2) Preparation for and attendance of public meetings (community meetings or hearings) for issues related to LFG monitoring.

    3) Maintenance of dedicated sampling equipment.

    4) Review and compilation of historical data, preparation of tables, graphical summaries and/or maps for City's internal use as needed (often requested on a quick turnaround basis).

    5) Providing copies of monitoring reports as requested by the City

    6) Site inspections for operation and maintenance purposes in response to agency inspections or as requested by the City to assess equipment malfunctions, investigate seeps, etc.

    7) When responding to this RFP, the Contractor shall clearly specify all tasks to be provided under this routine services portion of the Contract to ensure compliance with applicable rules and regulations. If the Contractor has recommendation for changes to the routine services portion of the Contract, the proposed changes and associated cost breakdown should be included in the RFP response for consideration by the City.

2. **Additional Services.** Perform non-routine tasks as required and defined below:

    a. Tasks may include any necessary repair work identified during routine operations or tasks that may require that the flare shut down for longer than 4 hours. Necessary repair work is defined as that work necessary to maintain the control system's proper operating parameters within regulatory requirements and to prevent upset conditions including high oxygen, low flare temperature, high well temperatures, and low field vacuum.

    b. Examples of non-routine tasks include, but are not limited to: Repair or replacement of well field components; repair or replacement of sump components; preparation of additional documents, beyond those specified as routine in Sub-Section 1, for

submittal to regulatory agencies; and preparation for and attendance at meetings with regulatory agencies beyond those noted in Sub-Section 1 as routine.

c. Provide for the testing and disposal of condensate generated by the operation of the LFG collection system on an as needed basis.

d. Replacement or significant repair of flare components including controllers, blowers, motors, valves, sump pumps, regulators, air compressors, thermocouples, flow meters and oxygen sensors other significant flare components shall be considered non-routine.

e. Emergency repairs cannot, by nature, be identified in advance of occurrence, but are considered to be a part of this category. The Contractor shall respond to an emergency within 4 hours of notification following telephone authorization given by the City. Prices for these emergency repairs will be subject to the Compensation agreements made between the City and the Contractor. When responding to this RFP, the Contractor shall clearly identify any additional tasks and prices that might properly be a part of this Emergency repairs section. In response to this RFP, the Contractor shall provide recommendations for any of the above projects. Contractor must submit to the City a cost estimate for emergency services within 24 hours of work authorization.

**3. <u>Special Conditions</u>**

a. **Contractor Availability** - The Contractor shall be available by telephone 24 hours per day, 7 days per week, 365 days per year, and be immediately available to physically deploy to either of the sites in the event of an emergency requiring field activity. Within ten (10) days of award of the Contract, the Contractor shall supply the City with names and telephone numbers of all personnel to be used on this Contract. Emergency contacts shall be designated on this list. This list shall be updated whenever staffing changes occur and semiannually (December 31 and June 30).

b. **Compliance** - Various regulatory agencies conduct inspections of each site and system from time-to-time. The Contractor shall ensure that each of the LFG Systems at each site is in compliance with the most recent SDAPCD Permits and Rules, and all other applicable regulations. It is imperative that the City comply with these regulations. Additionally, various local, State, and Federal agencies provide oversight and regulatory authority over the work that may be performed at the site. It shall be the Contractor's sole responsibility to comply with all applicable rules and regulations.

c. **Damage** - The Contractor shall, at the Contractor's own expense, repair/restore any damage to the City's property caused by the Contractor in the performance of the Contractor's duties. This includes, but is not limited to, repair or restoration of any damaged vault boxes, landfill slopes, grades, benches, drains, or BMPs resulting from Contractor duties.

d. **Stockpiled Materials and Spare Parts** - The Contractor shall maintain minor spare parts, materials, and supplies for use during routine services at the flare stations or wellfields. Within 30 days of award of Contract, the Contractor shall provide a list of spare parts that will be obtained. The list shall include sufficient detail to describe the material/equipment (including make and model), quantity, and locations of the

stockpile. It shall be the Contractor's responsibility to maintain the spare part inventory at their expense. Any stockpiled soils or materials, stockpiled on City property as part of any Contractor-related tasks, shall be protected with BMPs installed and maintained at Contractor expense, and complying with all applicable state and local regulations.

e. **Modification to the Operation and Maintenance Manuals** - 120 days before the conclusion of the Contract, the Contractor shall prepare an addendum to the operation and maintenance manuals for each of the City's sites reflecting actual operating conditions. Each addendum shall include information regarding problem extraction wells, vacuum distribution, areas of the surface displaying significant amounts of settlement, condensate pumping requirements, a listing and description of the most common remedial action required, a description in generic terms of the solutions implemented to correct these problems, and a summary of the actual work hours required for routine and typical non-routine services. Two paper copies (double-sided) and one electronic copy (pdf format) of each document shall be submitted to the City.

f. **Stormwater BMPS** - The Contractor shall be responsible for using appropriate storm water BMPs whenever doing work on the sites.

**4. <u>Health and Safety</u>**

a. Following contract award, the Contractor shall prepare and maintain a site-specific Health and Safety Plan (HSP) in accordance with all current OSHA and Cal OSHA regulations and shall provide a copy of each plan to the City prior to beginning any work under this Contract at either site. The HSP shall be updated periodically as needed to reflect changes in personnel and specific work tasks.
b. The Contractor shall maintain a Health and Safety Program in accordance with all current OSHA and Cal OSHA regulations including an Illness and Injury Prevention Program. All field staff assigned to this project shall have successfully completed the OSHA 40-Hour Health and Safety Training and Medical Monitoring requirements. In addition, the Contractor must implement and maintain all current and additional health and safety practices and certificates as required by regulatory and labor agencies specific to site conditions and work requirements.

c. Contractor shall designate a competent person, trained and certified in all applicable OSHA safety regulations, including but not limited to confined space entry and work in hazardous environments. The competent person shall be solely responsible for identifying hazards and safety concerns and prescribing the necessary remedies and safety protocols to ensure the continued health and safety of Contractor personnel.

**5. <u>Additional Information.</u>** In addition to the above requirements, the Contractor shall provide the following submittals with their proposal:

a. Experience with projects of similar size and scope. Emphasis shall be given to projects located within the City, then the County of San Diego, and lastly within similar environments and climate conditions.

b. Specific experience with landfill groundwater problems and methods implemented to resolve those problems, specifically related to impacts from LFG (i.e. investigation, evaluation, mitigation, public/media relations).

c. Ability to provide appropriately experienced personnel to meet the demands of this scope of services regarding meeting the technical needs and the compliance dates specified in the various rules and regulations related to LFG control and compliance and to respond to as needed and/or emergencies as needed.

d. Knowledge of applicable laws, regulations, orders, and resolutions that apply to landfills and LFG control and compliance.

e. Experience with projects which have been under litigation and/or have received public/media attention.

f. Types of tasks, in addition to regular monitoring and reporting, which will be included in the routine services fixed-price portion of the Contract.

g. Recommendations for any changes to improve the program or reduce program costs and experience with improvements to other programs.

h. Identification of project team, including individuals who will assume the role of professional charge of work, and primary contacts, including office location, and their respective experience.

i. Identification of team members who would be used to represent the City at public forums and/or litigation.

j. Identification of subcontractors, and vendors and statement of qualifications for each.

k. Evidence of insurance as specified in the Contract documents, including sub-contractors and vendors, as applicable. Identification of all projects undertaken by the firm which might be an existing or potential conflict of interest to performing the scope of services.

6. **Sampling Protocol.** The majority of the LFG extraction wells, monitoring probes, and inlets to the flare stations are equipped with sampling ports. The Contractor also shall describe the procedures to be used for sample handling, quality assurance/quality control (QA/QC for field and laboratory, and decontamination). All proposed methods and procedures must be in compliance with the applicable regulations and be acceptable to the City, the SDAPCD, and other applicable regulators. The Contractor also shall specify the analytical laboratory(s) to be used. A copy of the laboratory Statement of Qualifications, and QA/QC program shall be included as part of the proposal. The laboratory(s) shall be State of California Environmental Laboratory Accreditation Program (ELAP) certified to perform all the analytical tests required under this Contract. The Contractor shall specify whether the statistical evaluation of data will be completed in house or under a subcontract. Qualifications of personnel performing this work and experience with similar projects shall be provided as part of the proposal. Any additional subcontractors and their qualifications also shall be submitted as part of the proposal. The City reserves the right to request a change in subcontractor.

7. **Project Schedule and Deliverables**

a. **Schedule** - Within 7 calendar days after execution of the Contract by the City, the Contractor shall initiate work on the Contract. The Contractor also shall comply with all schedule requirements and compliance dates as specified in the applicable regulations and the permit conditions of each site. The Contractor shall adhere to the objective that 1st Drafts of monitoring reports for each landfill shall be ready for submittal to the regulatory agencies (accepted by the City) within the time periods specified by the applicable regulations and permit requirements. Draft reports must be submitted to the City for review and approval no later than 14 business day prior to the deadline for submittal to regulatory agencies.

b. **Deliverables** - As required under Section E, the Contractor shall prepare monthly operation and maintenance reports for each landfill. Compliance reports prepared shall include all the information specified in the regulations and permit conditions. Emission Inventory reports are required for each site periodically to be submitted to the San Diego County APCD. If it is determined that corrective action is required for LFG migration or emissions, the Contractor, after price agreement is reached and a task order issued, shall prepare all reports as specified under the applicable regulations, permit conditions and requirements for these programs. The following activities are required to accomplish the work under this section:

    1) The City will review all drafts and meet with or contact the Contractor to discuss changes/additions to the report.

    2) The Contractor shall incorporate any revisions in the reports as required by the City and/or the applicable regulations and SDAPCD requirements, and shall submit revised/final copies to the City within five working days of receipt of City's comments.

    3) The City will submit the final reports to the regulatory agencies for approvals.

    4) The Contractor shall make any necessary revisions as required by the regulatory agencies for the City to obtain the approval of the reports. Additionally, the Contractor shall submit the approved versions of the compliance reports on CDs using Adobe Acrobat format. Data shall be maintained in a computer database that is compatible with City software and can be used by the City to manage and perform additional data evaluation. Any approved maps shall be submitted in the most recent version of AutoCAD and MicroStation. All reports must be signed and stamped by the appropriately California registered professional who is in responsible charge of work. By signing and stamping these documents the registered professional takes full responsibility as the responsible professional in charge of work as specified in Business and Professions Code sections 6703 and 7805, and for the content of the document.

8. **<u>City Supplied Data and Materials</u>.** The City will provide the Contractor with and/or make available the following information:

    a. Topographic maps for each of the sites.
    b. Copies of historic and current LFG monitoring reports.
    c. Copies of LFG investigations and corrective action reports.
    d. Copies of all existing operations and maintenance manuals

e. Copies of applicable Permits to Operate, post-closure maintenance requirements, and any other applicable permit conditions, and rules and regulations for the sites.
f. Copies of other pertinent information, as determined by the Contractor and City and readily available on file.
g. All keys or codes needed to provide site access for Contractor personnel, equipment, and materials to enable completion of work.

**E. TECHNICAL REPRESENTATIVE**. The Technical Representative for this Contract is identified in the notice of award and is responsible for overseeing and monitoring this Contract.

**F. ADDITIONAL INSURANCE**

**Pollution Liability.** Pollution Legal Liability coverage with limits of at least $1,000,000 per claim and $2,000,000 aggregate. If the coverage is written on a "claims made" form, the Contractor must ensure that the policy retroactive date is on or before the effective date of this Contract and that coverage is maintained or the policy has a reporting period of at least one (1) year following completion or termination of the performance and services. The City shall be named as an additional insured and coverage must be primary.

**G. PRICING.** Contractor must submit their proposal for pricing in Attachment A, Contractor Cost Estimate for Arizona Street and South Chollas Landfills price schedule. Contractor's pricing shall be submitted as fully loaded, firm, fixed unit pricing for services for all five (5) years of this Contract. No price increases will be allowed during the term of this Contract.

- Any deviations from the Price Schedule may result in a proposal being rejected as non-responsive. The Pricing Page is the only form and format that will be accepted for proposal pricing.

- Blanks on the Pricing Pages will be interpreted as zero (0), and no price will be allowed.

## Attachment A: Contractor Cost Estimate for South Chollas Landfill

| Task # | Task Description | Annual Quantity | Unit Price | Extended Cost Estimate (Annual) |
|---|---|---|---|---|
| 1 | **South Chollas Landfill - Routine LFG System and Flare Station Maintenance, Monitoring and Reporting (Weekly and Monthly Activities)**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 12 | $ 6,765.00 | $ 81,180.00 |
| 2 | **South Chollas Landfill - Routine Monitoring and Reporting – Quarterly-Surface Emission (Estimate: AB32 - 1 Quarter -- Rule 59 - 3 Quarters)**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1<br>3 | $ 11,535.00<br>$ 1,685.00 | $ 16,590.00 |
| 3 | **South Chollas Landfill - Routine Monitoring and Reporting – Methane Destruction and removal efficiency testing (DRE) (previous source test 2022 – Next required testing 2025, and (assume) 2028)**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1 | $ 15,025.00 | $ 15,025.00 |
| 4 | **South Chollas Landfill - Routine Monitoring and Reporting – Quarterly-Perimeter Gas Migration Well Monitoring**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 4 | $ 2,410.00 | $ 9,640.00 |

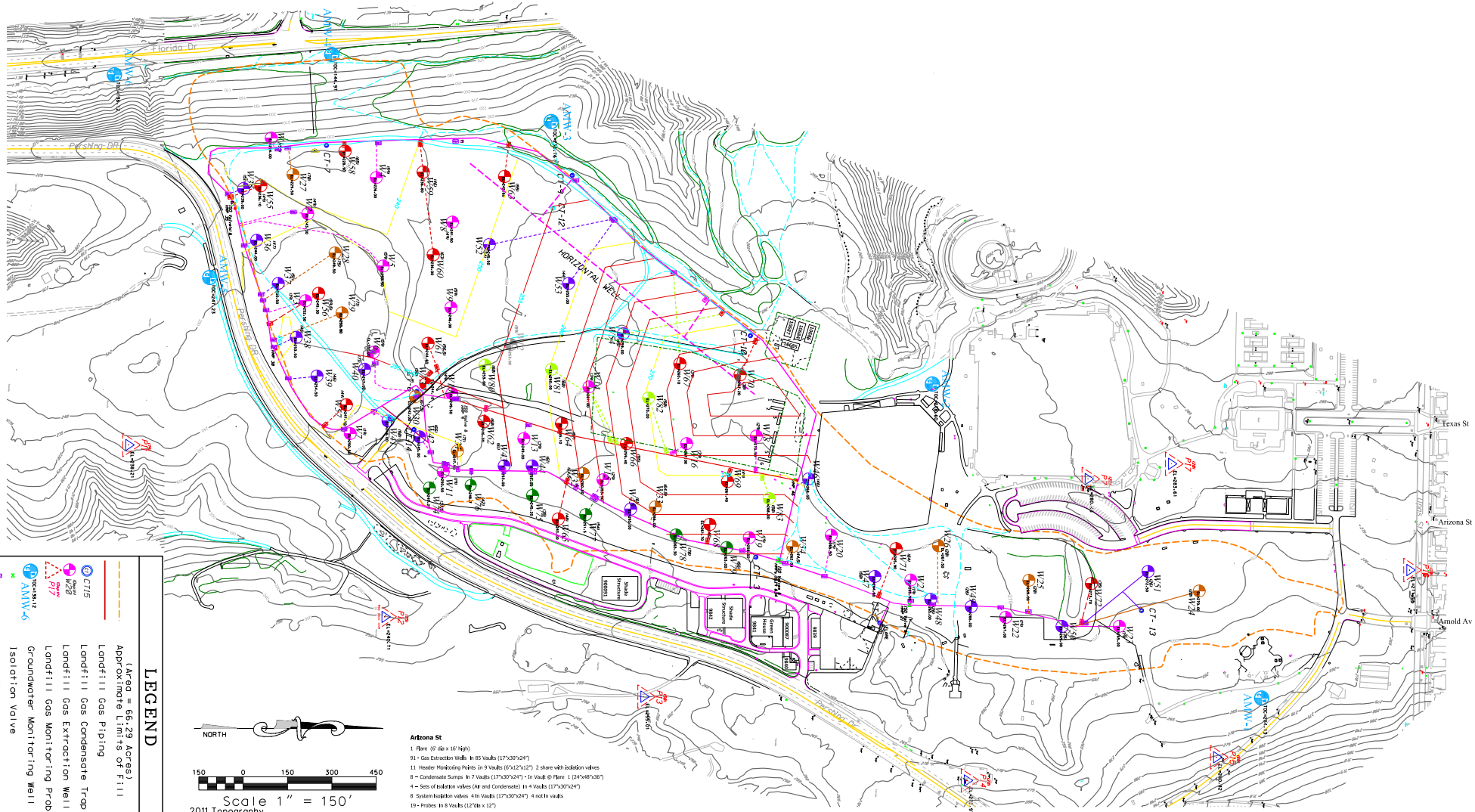
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|---|---|---|---|---|
| **5** | **South Chollas – Routine Monitoring and Reporting – Calibration of Oxygen Sensor and Flow Meter**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1 | $ 2,285.00 | $ 2,285.00 |
| **6** | **Additional Services: Maintenance, Repairs and Other Support Services (Non- Routine Services).**<br><br>**• As described in Exhibit B Section D. Service Requirements, 2.0 Additional Services** | 500 Hours/Year | $ 160 Per Hour | $ 80,000.00 |
| **7** | **Parts, Material, Specialty services, and Condensate Disposal Allocation (Non-Routine Services).** | Estimate $50,000.00 | Cost + % 5% Markup (Not to exceed 15%) | $ 50,000.00 |
| | | | **Total, Not-to-Exceed, Annual Cost** | **$ 254,720.00** |
| | | | **Total Cost for 5 Years (Total Contract Amount)** | **$ 1,273,600.00** |

## Attachment A: Contractor Cost Estimate for Arizona Street

| Task # | Task Description | Annual Quantity | Unit Price | Extended Cost Estimate (Annual) |
|---|---|---|---|---|
| 1 | **Arizona Street Landfill - Routine LFG System and Flare Station Maintenance, Monitoring and Reporting (Weekly and Monthly Activities)**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 12 | $ 5,025.00 | $ 60,300.00 |
| 2 | **Arizona Street Landfill - Routine Monitoring and Reporting – Quarterly- Surface Emission (Rule 59)**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 4 | $ 1,380.00 | $ 5,520.00 |
| 3 | **Arizona Street Landfill - Routine Monitoring and Reporting – Quarterly Perimeter Gas Migration Well Monitoring**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 4 | $ 680.00 | $ 2,720.00 |
| 4 | **Arizona Street – Routine Monitoring and Reporting – Calibration of Oxygen Sensor and Flow Meter**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1 | $ 1,395.00 | $ 1,395.00 |

| | | | | |
|---|---|---|---|---|
| **5** | **Additional Services: Maintenance, Repairs and Other Support Services (Non- Routine Services).**<br><br>**• As described in Exhibit B Section D. Service Requirements, 2.0 Additional Services** | 500 Hours/Year | $ 160 Per Hour | $ 80,000.00 |
| **6** | **Parts, Material, Specialty services, and Condensate Disposal Allocation (Non-Routine Services).** | Estimate $50,000.00 | Cost + % 5 % Markup (Not to exceed 15%) | $ 50,000.00 |
| | | | **Total, Not-to-Exceed, Annual Cost** | **$ 199,935.00** |
| | | | **Total Cost for 5 Years (Total Contract Amount)** | **$ 999,675.00** |

| | |
|---|---|
| **5 Year Cost Estimate for South Chollas Landfill** | **$ 1,273,600.00** |
| **5 Year Cost Estimate for Arizona Street** | **$ 999,675.00** |
| **5 Year not to exceed total amount for both locations** | **$ 2,273,275.00** |




| No | Revisions | By | Date |
|---|---|---|---|
| | | | |

ENVIRONMENTAL SERVICES DEPARTMENT

IF SHEET SIZE IS LESS THAN 24"x36", IT IS A REDUCED SHEET. SCALE ACCORDINGLY

# ARIZONA STREET LANDFILL

Accepted Refuse from September 9, 1952 through December 1, 1974
Demolition Debris 1935 to 1936 - Worlds Fair

Approximately: 66.8 Acres, Volume - 3,400,000 Cubic yards, Tons - 1,938,000

City of San Diego, California
Environmental Services Department
Refuse Disposal Division

Arizona St Landfill

SHEET 1 OF 1 SHEETS

| DEPUTY DIRECTOR | | | DATE | |
|---|---|---|---|---|
| DESCRIPTION | BY | APPROVED | DATE | FILMED |
| AS BUILT | | | | |

CONTRACTOR DATE STARTED

INSPECTOR DATE COMPLETED

WORK ORDER

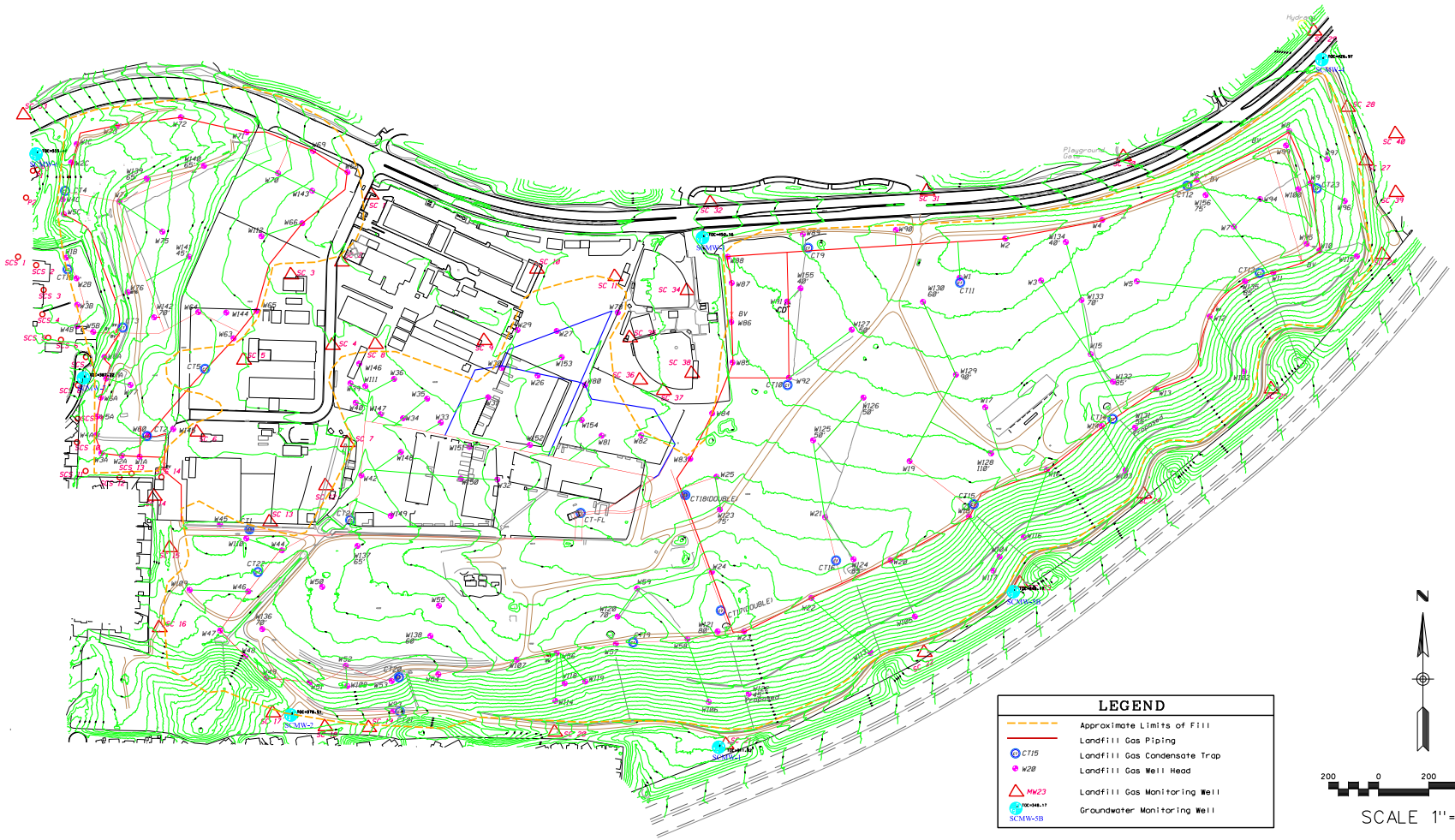
JOB NUMBER

PROJECT ENGINEER

APPROVALS

N - 1,848,700
E - 6,288,400
NAD83 COORDINATES

XXXXX-D




There are (6/2015):
114 Gas Monitoring Wells, 194 Landfill Gas Extraction Wells and 7 Groundwater Monitoring Wells

| No | Revisions | By | Date |
|---|---|---|---|
| | Topographical Map December 2021 | | |

IF SHEET SIZE IS LESS THAN 24"x36", IT IS A REDUCED SHEET. SCALE ACCORDINGLY

# SOUTH CHOLLAS LANDFILL

Approximately 216 Acres
Accepted Approximately 4.75 Million Tons of Refuse
Operated between October 1951 and September 1981

City of San Diego, California
Environmental Services Department
Refuse Disposal Division

SHEET OF SHEETS

DEPUTY DIRECTOR DATE

| DESCRIPTION | BY | APPROVED | DATE | FILMED |
|---|---|---|---|---|
| AS BUILT | | | | |

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

WORK ORDER
JOB NUMBER
PROJECT ENGINEER
APPROVALS
LAMBERT COORDINATES
XXXXX-D

# THE CITY OF SAN DIEGO

# GENERAL CONTRACT TERMS AND PROVISIONS

# APPLICABLE TO GOODS, SERVICES, AND CONSULTANT CONTRACTS

## ARTICLE I
## SCOPE AND TERM OF CONTRACT

**1.1 Scope of Contract.** The scope of contract between the City and a provider of goods and/or services (Contractor) is described in the Contract Documents. The Contract Documents are comprised of the Request for Proposal, Invitation to Bid, or other solicitation document (Solicitation); the successful bid or proposal; the letter awarding the contract to Contractor; the City's written acceptance of exceptions or clarifications to the Solicitation, if any; and these General Contract Terms and Provisions.

**1.2 Effective Date.** A contract between the City and Contractor (Contract) is effective on the last date that the contract is signed by the parties and approved by the City Attorney in accordance with Charter section 40. Unless otherwise terminated, this Contract is effective until it is completed or as otherwise agreed upon in writing by the parties, whichever is the earliest. A Contract term cannot exceed five (5) years unless approved by the City Council by ordinance.

**1.3 Contract Extension.** The City may, in its sole discretion, unilaterally exercise an option to extend the Contract as described in the Contract Documents. In addition, the City may, in its sole discretion, unilaterally extend the Contract on a month-to-month basis following contract expiration if authorized under Charter section 99 and the Contract Documents. Contractor shall not increase its pricing in excess of the percentage increase described in the Contract.

## ARTICLE II
## CONTRACT ADMINISTRATOR

**2.1 Contract Administrator.** The Purchasing Agent or designee is the Contract Administrator for purposes of this Contract, and has the responsibilities described in this Contract, in the San Diego Charter, and in Chapter 2, Article 2, Divisions 5, 30, and 32.

**2.1.1 Contractor Performance Evaluations.** The Contract Administrator will evaluate Contractor's performance as often as the Contract Administrator deems necessary throughout the term of the contract. This evaluation will be based on criteria including the quality of goods or services, the timeliness of performance, and adherence to applicable laws, including prevailing wage and living wage. City will provide Contractors who receive an unsatisfactory rating with a copy of the evaluation and an opportunity to respond. City may consider final evaluations, including Contractor's response, in evaluating future proposals and bids for contract award.

**2.2 Notices.** Unless otherwise specified, in all cases where written notice is required under this Contract, service shall be deemed sufficient if the notice is personally delivered or deposited in the United States mail, with first class postage paid, attention to the Purchasing Agent. Proper notice is effective on the date of personal delivery or five (5) days after deposit in a United States postal mailbox unless provided otherwise in the Contract. Notices to the City shall be sent to:

Purchasing Agent
City of San Diego, Purchasing and Contracting Division
1200 3rd Avenue, Suite 200
San Diego, CA 92101-4195

## ARTICLE III
## COMPENSATION

**3.1 Manner of Payment**. Contractor will be paid monthly, in arrears, for goods and/or services provided in accordance with the terms and provisions specified in the Contract.

**3.2 Invoices.**

**3.2.1 Invoice Detail.** Contractor's invoice must be on Contractor's stationary with Contractor's name, address, and remittance address if different. Contractor's invoice must have a date, an invoice number, a purchase order number, a description of the goods or services provided, and an amount due.

**3.2.2 Service Contracts**. Contractor must submit invoices for services to City by the 10th of the month following the month in which Contractor provided services. Invoices must include the address of the location where services were performed and the dates in which services were provided.

**3.2.3 Goods Contracts.** Contractor must submit invoices for goods to City within seven days of the shipment. Invoices must describe the goods provided.

**3.2.4 Parts Contracts.** Contractor must submit invoices for parts to City within seven calendar (7) days of the date the parts are shipped. Invoices must include the manufacturer of the part, manufacturer's published list price, percentage discount applied in accordance with Pricing Page(s), the net price to City, and an item description, quantity, and extension.

**3.2.5 Extraordinary Work.** City will not pay Contractor for extraordinary work unless Contractor receives prior written authorization from the Contract Administrator. Failure to do so will result in payment being withheld for services. If approved, Contractor will include an invoice that describes the work performed and the location where the work was performed, and a copy of the Contract Administrator's written authorization.

**3.2.6 Reporting Requirements.** Contractor must submit the following reports using the City's web-based contract compliance portal. Incomplete and/or delinquent reports may cause payment delays, non-payment of invoice, or both. For questions, please view the City's online tutorials on how to utilize the City's web-based contract compliance portal.

**3.2.6.1 Monthly Employment Utilization Reports**. Contractor and Contractor's subcontractors and suppliers must submit Monthly Employment Utilization Reports by the fifth (5th) day of the subsequent month.

**3.2.6.2 Monthly Invoicing and Payments**. Contractor and Contractor's subcontractors and suppliers must submit Monthly Invoicing and Payment Reports by the fifth ($5^{th}$) day of the subsequent month.

**3.3 Annual Appropriation of Funds.** Contractor acknowledges that the Contract term may extend over multiple City fiscal years, and that work and compensation under this Contract is contingent on the City Council appropriating funding for and authorizing such work and compensation for those fiscal years. This Contract may be terminated at the end of the fiscal year for which sufficient funding is not appropriated and authorized. City is not obligated to pay Contractor for any amounts not duly appropriated and authorized by City Council.

**3.4 Price Adjustments.** Based on Contractor's written request and justification, the City may approve an increase in unit prices on Contractor's pricing pages consistent with the amount requested in the justification in an amount not to exceed the increase in the Consumer Price Index, San Diego Area, for All Urban Customers (CPI-U) as published by the Bureau of Labor Statistics, or 5.0%, whichever is less, during the preceding one year term. If the CPI-U is a negative number, then the unit prices shall not be adjusted for that option year (the unit prices will not be decreased). A negative CPI-U shall be counted against any subsequent increases in the CPI-U when calculating the unit prices for later option years. Contractor must provide such written request and justification no less than sixty days before the date in which City may exercise the option to renew the contract, or sixty days before the anniversary date of the Contract. Justification in support of the written request must include a description of the basis for the adjustment, the proposed effective date and reasons for said date, and the amount of the adjustment requested with documentation to support the requested change (e.g. CPI-U or 5.0%, whichever is less). City's approval of this request must be in writing.

## ARTICLE IV
## SUSPENSION AND TERMINATION

**4.1 City's Right to Suspend for Convenience.** City may suspend all or any portion of Contractor's performance under this Contract at its sole option and for its convenience for a reasonable period of time not to exceed six (6) months. City must first give ten (10) days' written notice to Contractor of such suspension. City will pay to Contractor a sum equivalent to the reasonable value of the goods and/or services satisfactorily provided up to the date of suspension. City may rescind the suspension prior to or at six (6) months by providing Contractor with written notice of the rescission, at which time Contractor would be required to resume performance in compliance with the terms and provisions of this Contract. Contractor will be entitled to an extension of time to complete performance under the Contract equal to the length of the suspension unless otherwise agreed to in writing by the Parties.

**4.2 City's Right to Terminate for Convenience.** City may, at its sole option and for its convenience, terminate all or any portion of this Contract by giving thirty (30) days' written notice of such termination to Contractor. The termination of the Contract shall be effective upon receipt of the notice by Contractor. After termination of all or any portion of the Contract, Contractor shall: (1) immediately discontinue all affected performance (unless the notice directs otherwise); and (2) complete any and all additional work necessary for the orderly filing of

documents and closing of Contractor's affected performance under the Contract. After filing of documents and completion of performance, Contractor shall deliver to City all data, drawings, specifications, reports, estimates, summaries, and such other information and materials created or received by Contractor in performing this Contract, whether completed or in process. By accepting payment for completion, filing, and delivering documents as called for in this section, Contractor discharges City of all of City's payment obligations and liabilities under this Contract with regard to the affected performance.

**4.3 City's Right to Terminate for Default.** Contractor's failure to satisfactorily perform any obligation required by this Contract constitutes a default. Examples of default include a determination by City that Contractor has: (1) failed to deliver goods and/or perform the services of the required quality or within the time specified; (2) failed to perform any of the obligations of this Contract; and (3) failed to make sufficient progress in performance which may jeopardize full performance.

**4.3.1** If Contractor fails to satisfactorily cure a default within ten (10) calendar days of receiving written notice from City specifying the nature of the default, City may immediately cancel and/or terminate this Contract, and terminate each and every right of Contractor, and any person claiming any rights by or through Contractor under this Contract.

**4.3.2** If City terminates this Contract, in whole or in part, City may procure, upon such terms and in such manner as the Purchasing Agent may deem appropriate, equivalent goods or services and Contractor shall be liable to City for any excess costs. Contractor shall also continue performance to the extent not terminated.

**4.4 Termination for Bankruptcy or Assignment for the Benefit of Creditors.** If Contractor files a voluntary petition in bankruptcy, is adjudicated bankrupt, or makes a general assignment for the benefit of creditors, the City may at its option and without further notice to, or demand upon Contractor, terminate this Contract, and terminate each and every right of Contractor, and any person claiming rights by and through Contractor under this Contract.

**4.5 Contractor's Right to Payment Following Contract Termination.**

**4.5.1 Termination for Convenience.** If the termination is for the convenience of City an equitable adjustment in the Contract price shall be made. No amount shall be allowed for anticipated profit on unperformed services, and no amount shall be paid for an as needed contract beyond the Contract termination date.

**4.5.2 Termination for Default.** If, after City gives notice of termination for failure to fulfill Contract obligations to Contractor, it is determined that Contractor had not so failed, the termination shall be deemed to have been effected for the convenience of City. In such event, adjustment in the Contract price shall be made as provided in Section 4.3.2. City's rights and remedies are in addition to any other rights and remedies provided by law or under this Contract.

**4.6 Remedies Cumulative.** City's remedies are cumulative and are not intended to be exclusive of any other remedies or means of redress to which City may be lawfully entitled in case of any breach or threatened breach of any provision of this Contract.

## ARTICLE V
## ADDITIONAL CONTRACTOR OBLIGATIONS

**5.1 Inspection and Acceptance.** The City will inspect and accept goods provided under this Contract at the shipment destination unless specified otherwise. Inspection will be made and acceptance will be determined by the City department shown in the shipping address of the Purchase Order or other duly authorized representative of City.

**5.2 Responsibility for Lost or Damaged Shipments.** Contractor bears the risk of loss or damage to goods prior to the time of their receipt and acceptance by City. City has no obligation to accept damaged shipments and reserves the right to return damaged goods, at Contractor's sole expense, even if the damage was not apparent or discovered until after receipt.

**5.3 Responsibility for Damages.** Contractor is responsible for all damage that occurs as a result of Contractor's fault or negligence or that of its' employees, agents, or representatives in connection with the performance of this Contract. Contractor shall immediately report any such damage to people and/or property to the Contract Administrator.

**5.4 Delivery.** Delivery shall be made on the delivery day specified in the Contract Documents. The City, in its sole discretion, may extend the time for delivery. The City may order, in writing, the suspension, delay or interruption of delivery of goods and/or services.

**5.5 Delay.** Unless otherwise specified herein, time is of the essence for each and every provision of the Contract. Contractor must immediately notify City in writing if there is, or it is anticipated that there will be, a delay in performance. The written notice must explain the cause for the delay and provide a reasonable estimate of the length of the delay. City may terminate this Contract as provided herein if City, in its sole discretion, determines the delay is material.

**5.5.1** If a delay in performance is caused by any unforeseen event(s) beyond the control of the parties, City may allow Contractor to a reasonable extension of time to complete performance, but Contractor will not be entitled to damages or additional compensation. Any such extension of time must be approved in writing by City. The following conditions may constitute such a delay: war; changes in law or government regulation; labor disputes; strikes; fires, floods, adverse weather or other similar condition of the elements necessitating cessation of the performance; inability to obtain materials, equipment or labor; or other specific reasons agreed to between City and Contractor. This provision does not apply to a delay caused by Contractor's acts or omissions. Contractor is not entitled to an extension of time to perform if a delay is caused by Contractor's inability to obtain materials, equipment, or labor unless City has received, in a timely manner, documentary proof satisfactory to City of Contractor's inability to obtain materials, equipment, or labor, in which case City's approval must be in writing.

**5.6 Restrictions and Regulations Requiring Contract Modification.** Contractor shall immediately notify City in writing of any regulations or restrictions that may or will require Contractor to alter the material, quality, workmanship, or performance of the goods and/or services to be provided. City reserves the right to accept any such alteration, including any resulting reasonable price adjustments, or to cancel the Contract at no expense to the City.

**5.7 Warranties.** All goods and/or services provided under the Contract must be warranted by Contractor or manufacturer for at least twelve (12) months after acceptance by City, except automotive equipment. Automotive equipment must be warranted for a minimum of 12,000 miles or 12 months, whichever occurs first, unless otherwise stated in the Contract. Contractor is responsible to City for all warranty service, parts, and labor. Contractor is required to ensure that warranty work is performed at a facility acceptable to City and that services, parts, and labor are available and provided to meet City's schedules and deadlines. Contractor may establish a warranty service contract with an agency satisfactory to City instead of performing the warranty service itself. If Contractor is not an authorized service center and causes any damage to equipment being serviced, which results in the existing warranty being voided, Contractor will be liable for all costs of repairs to the equipment, or the costs of replacing the equipment with new equipment that meets City's operational needs.

**5.8 Industry Standards.** Contractor shall provide goods and/or services acceptable to City in strict conformance with the Contract. Contractor shall also provide goods and/or services in accordance with the standards customarily adhered to by an experienced and competent provider of the goods and/or services called for under this Contract using the degree of care and skill ordinarily exercised by reputable providers of such goods and/or services. Where approval by City, the Mayor, or other representative of City is required, it is understood to be general approval only and does not relieve Contractor of responsibility for complying with all applicable laws, codes, policies, regulations, and good business practices.

**5.9 Records Retention and Examination.** Contractor shall retain, protect, and maintain in an accessible location all records and documents, including paper, electronic, and computer records, relating to this Contract for five (5) years after receipt of final payment by City under this Contract. Contractor shall make all such records and documents available for inspection, copying, or other reproduction, and auditing by authorized representatives of City, including the Purchasing Agent or designee. Contractor shall make available all requested data and records at reasonable locations within City or County of San Diego at any time during normal business hours, and as often as City deems necessary. If records are not made available within the City or County of San Diego, Contractor shall pay City's travel costs to the location where the records are maintained and shall pay for all related travel expenses. Failure to make requested records available for inspection, copying, or other reproduction, or auditing by the date requested may result in termination of the Contract. Contractor must include this provision in all subcontracts made in connection with this Contract.

**5.9.1** Contractor shall maintain records of all subcontracts entered into with all firms, all project invoices received from Subcontractors and Suppliers, all purchases of materials and services from Suppliers, and all joint venture participation. Records shall show name, telephone number including area code, and business address of each Subcontractor and Supplier, and joint venture partner, and the total amount actually paid to each firm. Project relevant records, regardless of tier, may be periodically reviewed by the City.

**5.10 Quality Assurance Meetings.** Upon City's request, Contractor shall schedule one or more quality assurance meetings with City's Contract Administrator to discuss Contractor's performance. If requested, Contractor shall schedule the first quality assurance meeting no later than eight (8) weeks from the date of commencement of work under the Contract. At the quality assurance meeting(s), City's Contract Administrator will provide Contractor with feedback, will note any deficiencies in Contract performance, and provide Contractor with an opportunity to address and correct such deficiencies. The total number of quality assurance meetings that may be required by City will depend upon Contractor's performance.

**5.11 Duty to Cooperate with Auditor.** The City Auditor may, in his sole discretion, at no cost to the City, and for purposes of performing his responsibilities under Charter section 39.2, review Contractor's records to confirm contract compliance. Contractor shall make reasonable efforts to cooperate with Auditor's requests.

**5.12 Safety Data Sheets.** If specified by City in the solicitation or otherwise required by this Contract, Contractor must send with each shipment one (1) copy of the Safety Data Sheet (SDS) for each item shipped. Failure to comply with this procedure will be cause for immediate termination of the Contract for violation of safety procedures.

**5.13 Project Personnel.** Except as formally approved by the City, the key personnel identified in Contractor's bid or proposal shall be the individuals who will actually complete the work. Changes in staffing must be reported in writing and approved by the City.

**5.13.1 Criminal Background Certification.** Contractor certifies that all employees working on this Contract have had a criminal background check and that said employees are clear of any sexual and drug related convictions. Contractor further certifies that all employees hired by Contractor or a subcontractor shall be free from any felony convictions.

**5.13.2 Photo Identification Badge.** Contractor shall provide a company photo identification badge to any individual assigned by Contractor or subcontractor to perform services or deliver goods on City premises. Such badge must be worn at all times while on City premises. City reserves the right to require Contractor to pay fingerprinting fees for personnel assigned to work in sensitive areas. All employees shall turn in their photo identification badges to Contractor upon completion of services and prior to final payment of invoice.

**5.14 Standards of Conduct.** Contractor is responsible for maintaining standards of employee competence, conduct, courtesy, appearance, honesty, and integrity satisfactory to the City.

**5.14.1 Supervision.** Contractor shall provide adequate and competent supervision at all times during the Contract term. Contractor shall be readily available to meet with the City. Contractor shall provide the telephone numbers where its representative(s) can be reached.

**5.14.2 City Premises.** Contractor's employees and agents shall comply with all City rules and regulations while on City premises.

**5.14.3 Removal of Employees.** City may request Contractor immediately remove from assignment to the City any employee found unfit to perform duties at the City. Contractor shall comply with all such requests.

**5.15 Licenses and Permits.** Contractor shall, without additional expense to the City, be responsible for obtaining any necessary licenses, permits, certifications, accreditations, fees and approvals for complying with any federal, state, county, municipal, and other laws, codes, and regulations applicable to Contract performance. This includes, but is not limited to, any laws or regulations requiring the use of licensed contractors to perform parts of the work.

**5.16 Contractor and Subcontractor Registration Requirements.** Prior to the award of the Contract or Task Order, Contractor and Contractor's subcontractors and suppliers must register with the City's web-based vendor registration and bid management system. The City may not award the Contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified by the City, the City reserves the right to rescind the Contract award and to make the award to the next responsive and responsible proposer of bidder.

## ARTICLE VI
## INTELLECTUAL PROPERTY RIGHTS

**6.1 Rights in Data.** If, in connection with the services performed under this Contract, Contractor or its employees, agents, or subcontractors, create artwork, audio recordings, blueprints, designs, diagrams, documentation, photographs, plans, reports, software, source code, specifications, surveys, system designs, video recordings, or any other original works of authorship, whether written or readable by machine (Deliverable Materials), all rights of Contractor or its subcontractors in the Deliverable Materials, including, but not limited to publication, and registration of copyrights, and trademarks in the Deliverable Materials, are the sole property of City. Contractor, including its employees, agents, and subcontractors, may not use any Deliverable Material for purposes unrelated to Contractor's work on behalf of the City without prior written consent of City. Contractor may not publish or reproduce any Deliverable Materials, for purposes unrelated to Contractor's work on behalf of the City, without the prior written consent of the City.

**6. 2 Intellectual Property Rights Assignment.** For no additional compensation, Contractor hereby assigns to City all of Contractor's rights, title, and interest in and to the content of the Deliverable Materials created by Contractor or its employees, agents, or subcontractors, including copyrights, in connection with the services performed under this Contract. Contractor

shall promptly execute and deliver, and shall cause its employees, agents, and subcontractors to promptly execute and deliver, upon request by the City or any of its successors or assigns at any time and without further compensation of any kind, any power of attorney, assignment, application for copyright, patent, trademark or other intellectual property right protection, or other papers or instruments which may be necessary or desirable to fully secure, perfect or otherwise protect to or for the City, its successors and assigns, all right, title and interest in and to the content of the Deliverable Materials. Contractor also shall cooperate and assist in the prosecution of any action or opposition proceeding involving such intellectual property rights and any adjudication of those rights.

**6. 3 Contractor Works.** Contractor Works means tangible and intangible information and material that: (a) had already been conceived, invented, created, developed or acquired by Contractor prior to the effective date of this Contract; or (b) were conceived, invented, created, or developed by Contractor after the effective date of this Contract, but only to the extent such information and material do not constitute part or all of the Deliverable Materials called for in this Contract. All Contractor Works, and all modifications or derivatives of such Contractor Works, including all intellectual property rights in or pertaining to the same, shall be owned solely and exclusively by Contractor.

**6. 4 Subcontracting.** In the event that Contractor utilizes a subcontractor(s) for any portion of the work that comprises the whole or part of the specified Deliverable Materials to the City, the agreement between Contractor and the subcontractor shall include a statement that identifies the Deliverable Materials as a "works for hire" as described in the United States Copyright Act of 1976, as amended, and that all intellectual property rights in the Deliverable Materials, whether arising in copyright, trademark, service mark or other forms of intellectual property rights, belong to and shall vest solely with the City. Further, the agreement between Contractor and its subcontractor shall require that the subcontractor, if necessary, shall grant, transfer, sell and assign, free of charge, exclusively to City, all titles, rights and interests in and to the Deliverable Materials, including all copyrights, trademarks and other intellectual property rights. City shall have the right to review any such agreement for compliance with this provision.

**6. 5 Intellectual Property Warranty and Indemnification.** Contractor represents and warrants that any materials or deliverables, including all Deliverable Materials, provided under this Contract are either original, or not encumbered, and do not infringe upon the copyright, trademark, patent or other intellectual property rights of any third party, or are in the public domain. If Deliverable Materials provided hereunder become the subject of a claim, suit or allegation of copyright, trademark or patent infringement, City shall have the right, in its sole discretion, to require Contractor to produce, at Contractor's own expense, new non-infringing materials, deliverables or works as a means of remedying any claim of infringement in addition to any other remedy available to the City under law or equity. Contractor further agrees to indemnify, defend, and hold harmless the City, its officers, employees and agents from and against any and all claims, actions, costs, judgments or damages, of any type, alleging or threatening that any Deliverable Materials, supplies, equipment, services or works provided under this contract infringe the copyright, trademark, patent or other intellectual property or proprietary rights of any third party (Third Party Claim of Infringement). If a Third Party Claim

of Infringement is threatened or made before Contractor receives payment under this Contract, City shall be entitled, upon written notice to Contractor, to withhold some or all of such payment.

**6.6 Software Licensing.** Contractor represents and warrants that the software, if any, as delivered to City, does not contain any program code, virus, worm, trap door, back door, time or clock that would erase data or programming or otherwise cause the software to become inoperable, inaccessible, or incapable of being used in accordance with its user manuals, either automatically, upon the occurrence of licensor-selected conditions or manually on command. Contractor further represents and warrants that all third party software, delivered to City or used by Contractor in the performance of the Contract, is fully licensed by the appropriate licensor.

**6.7 Publication.** Contractor may not publish or reproduce any Deliverable Materials, for purposes unrelated to Contractor's work on behalf of the City without prior written consent from the City.

**6.8 Royalties, Licenses, and Patents.** Unless otherwise specified, Contractor shall pay all royalties, license, and patent fees associated with the goods that are the subject of this solicitation. Contractor warrants that the goods, materials, supplies, and equipment to be supplied do not infringe upon any patent, trademark, or copyright, and further agrees to defend any and all suits, actions and claims for infringement that are brought against the City, and to defend, indemnify and hold harmless the City, its elected officials, officers, and employees from all liability, loss and damages, whether general, exemplary or punitive, suffered as a result of any actual or claimed infringement asserted against the City, Contractor, or those furnishing goods, materials, supplies, or equipment to Contractor under the Contract.

## ARTICLE VII
## INDEMNIFICATION AND INSURANCE

**7.1 Indemnification.** To the fullest extent permitted by law, Contractor shall defend (with legal counsel reasonably acceptable to City), indemnify, protect, and hold harmless City and its elected officials, officers, employees, agents, and representatives (Indemnified Parties) from and against any and all claims, losses, costs, damages, injuries (including, without limitation, injury to or death of an employee of Contractor or its subcontractors), expense, and liability of every kind, nature and description (including, without limitation, incidental and consequential damages, court costs, and litigation expenses and fees of expert consultants or expert witnesses incurred in connection therewith and costs of investigation) that arise out of, pertain to, or relate to, directly or indirectly, in whole or in part, any goods provided or performance of services under this Contract by Contractor, any subcontractor, anyone directly or indirectly employed by either of them, or anyone that either of them control. Contractor's duty to defend, indemnify, protect and hold harmless shall not include any claims or liabilities arising from the sole negligence or willful misconduct of the Indemnified Parties.

**7.2 Insurance.** Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or

in connection with the performance of the work hereunder and the results of that work by Contractor, his agents, representatives, employees or subcontractors.

Contractor shall provide, at a minimum, the following:

**7.2.1 Commercial General Liability.** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury, and personal and advertising injury with limits no less than $1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

**7.2.2 Commercial Automobile Liability.** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto) or, if Contractor has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than $1,000,000 per accident for bodily injury and property damage.

**7.2.3 Workers' Compensation.** Insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than $1,000,000 per accident for bodily injury or disease.

**7.2.4 Professional Liability (Errors and Omissions).** For consultant contracts, insurance appropriate to Consultant's profession, with limit no less than $1,000,000 per occurrence or claim, $2,000,000 aggregate.

If Contractor maintains broader coverage and/or higher limits than the minimums shown above, City requires and shall be entitled to the broader coverage and/or the higher limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.

**7.2.5 Other Insurance Provisions.** The insurance policies are to contain, or be endorsed to contain, the following provisions:

**7.2.5.1 Additional Insured Status.** The City, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 if a later edition is used).

**7.2.5.2 Primary Coverage.** For any claims related to this contract, Contractor's insurance coverage shall be primary coverage at least as broad as ISO CG 20 01 04 13 as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by City, its officers, officials, employees, or volunteers shall be excess of Contractor's insurance and shall not contribute with it.

**7.2.5.3 Notice of Cancellation.** Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to City.

**7.2.5.4 Waiver of Subrogation.** Contractor hereby grants to City a waiver of any right to subrogation which the Workers' Compensation insurer of said Contractor may acquire against City by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer.

**7.2.5.5 Claims Made Policies (applicable only to professional liability).** The Retroactive Date must be shown, and must be before the date of the contract or the beginning of contract work. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, Contractor must purchase "extended reporting" coverage for a minimum of five (5) years after completion of work.

**7.3 Self Insured Retentions.** Self-insured retentions must be declared to and approved by City. City may require Contractor to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or City.

**7.4 Acceptability of Insurers.** Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A-VI, unless otherwise acceptable to City.

City will accept insurance provided by non-admitted, "surplus lines" carriers only if the carrier is authorized to do business in the State of California and is included on the List of Approved Surplus Lines Insurers (LASLI list). All policies of insurance carried by non-admitted carriers are subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

**7.5 Verification of Coverage**. Contractor shall furnish City with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by City before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive Contractor's obligation to provide them. City reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

**7.6 Special Risks or Circumstances**. City reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

**7.7 Additional Insurance.** Contractor may obtain additional insurance not required by this Contract.

**7.8 Excess Insurance.** All policies providing excess coverage to City shall follow the form of the primary policy or policies including but not limited to all endorsements.

**7.9 Subcontractors.** Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that City is an additional insured on insurance required from subcontractors. For CGL coverage, subcontractors shall provide coverage with a format at least as broad as the CG 20 38 04 13 endorsement.

## ARTICLE VIII
## BONDS

**8.1 Payment and Performance Bond.** Prior to the execution of this Contract, City may require Contractor to post a payment and performance bond (Bond). The Bond shall guarantee Contractor's faithful performance of this Contract and assure payment to contractors, subcontractors, and to persons furnishing goods and/or services under this Contract.

**8.1.1 Bond Amount.** The Bond shall be in a sum equal to twenty-five percent (25%) of the Contract amount, unless otherwise stated in the Specifications. City may file a claim against the Bond if Contractor fails or refuses to fulfill the terms and provisions of the Contract.

**8.1.2 Bond Term.** The Bond shall remain in full force and effect at least until complete performance of this Contract and payment of all claims for materials and labor, at which time it will convert to a ten percent (10%) warranty bond, which shall remain in place until the end of the warranty periods set forth in this Contract. The Bond shall be renewed annually, at least sixty (60) days in advance of its expiration, and Contractor shall provide timely proof of annual renewal to City.

**8.1.3 Bond Surety.** The Bond must be furnished by a company authorized by the State of California Department of Insurance to transact surety business in the State of California and which has a current A.M. Best rating of at least "A-, VIII."

**8.1.4 Non-Renewal or Cancellation.** The Bond must provide that City and Contractor shall be provided with sixty (60) days' advance written notice in the event of non-renewal, cancellation, or material change to its terms. In the event of non-renewal, cancellation, or material change to the Bond terms, Contractor shall provide City with evidence of the new source of surety within twenty-one (21) calendar days after the date of the notice of non-renewal, cancellation, or material change. Failure to maintain the Bond, as required herein, in full force

and effect as required under this Contact, will be a material breach of the Contract subject to termination of the Contract.

**8.2 Alternate Security.** City may, at its sole discretion, accept alternate security in the form of an endorsed certificate of deposit, a money order, a certified check drawn on a solvent bank, or other security acceptable to the Purchasing Agent in an amount equal to the required Bond.

## ARTICLE IX
## CITY-MANDATED CLAUSES AND REQUIREMENTS

**9.1 Contractor Certification of Compliance.** By signing this Contract, Contractor certifies that Contractor is aware of, and will comply with, these City-mandated clauses throughout the duration of the Contract.

**9.1.1 Drug-Free Workplace Certification.** Contractor shall comply with City's Drug-Free Workplace requirements set forth in Council Policy 100-17, which is incorporated into the Contract by this reference.

**9.1.2 Contractor Certification for Americans with Disabilities Act (ADA) and State Access Laws and Regulations**: Contractor shall comply with all accessibility requirements under the ADA and under Title 24 of the California Code of Regulations (Title 24). When a conflict exists between the ADA and Title 24, Contractor shall comply with the most restrictive requirement (i.e., that which provides the most access). Contractor also shall comply with the City's ADA Compliance/City Contractors requirements as set forth in Council Policy 100-04, which is incorporated into this Contract by reference. Contractor warrants and certifies compliance with all federal and state access laws and regulations and further certifies that any subcontract agreement for this contract contains language which indicates the subcontractor's agreement to abide by the provisions of the City's Council Policy and any applicable access laws and regulations.

**9.1.3 Non-Discrimination Requirements.**

**9.1.3.1 Compliance with City's Equal Opportunity Contracting Program (EOCP).** Contractor shall comply with City's EOCP Requirements. Contractor shall not discriminate against any employee or applicant for employment on any basis prohibited by law. Contractor shall provide equal opportunity in all employment practices. Prime Contractors shall ensure that their subcontractors comply with this program. Nothing in this Section shall be interpreted to hold a Prime Contractor liable for any discriminatory practice of its subcontractors.

**9.1.3.2 Non-Discrimination Ordinance.** Contractor shall not discriminate on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring or treatment of subcontractors, vendors or suppliers. Contractor shall provide equal opportunity for subcontractors to participate in subcontracting opportunities. Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result

in Contract termination, debarment, or other sanctions. Contractor shall ensure that this language is included in contracts between Contractor and any subcontractors, vendors and suppliers.

**9.1.3.3 Compliance Investigations.** Upon City's request, Contractor agrees to provide to City, within sixty calendar days, a truthful and complete list of the names of all subcontractors, vendors, and suppliers that Contractor has used in the past five years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by Contractor for each subcontract or supply contract. Contractor further agrees to fully cooperate in any investigation conducted by City pursuant to City's Nondiscrimination in Contracting Ordinance. Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in Contract termination, debarment, and other sanctions.

**9.1.4 Equal Benefits Ordinance Certification.** Unless an exception applies, Contractor shall comply with the Equal Benefits Ordinance (EBO) codified in the San Diego Municipal Code (SDMC). Failure to maintain equal benefits is a material breach of the Contract.

**9.1.5 Contractor Standards.** Contractor shall comply with Contractor Standards provisions codified in the SDMC. Contractor understands and agrees that violation of Contractor Standards may be considered a material breach of the Contract and may result in Contract termination, debarment, and other sanctions.

**9.1.6 Noise Abatement.** Contractor shall operate, conduct, or construct without violating the City's Noise Abatement Ordinance codified in the SDMC.

**9.1.7 Storm Water Pollution Prevention Program.** Contractor shall comply with the City's Storm Water Management and Discharge Control provisions codified in Division 3 of Chapter 4 of the SDMC, as may be amended, and any and all applicable Best Management Practice guidelines and pollution elimination requirements in performing or delivering services at City owned, leased, or managed property, or in performance of services and activities on behalf of City regardless of location.

Contractor shall comply with the City's Jurisdictional Urban Runoff Management Plan encompassing Citywide programs and activities designed to prevent and reduce storm water pollution within City boundaries as adopted by the City Council on January 22, 2008, via Resolution No. 303351, as may be amended.

Contractor shall comply with each City facility or work site's Storm Water Pollution Prevention Plan, as applicable, and institute all controls needed while completing the services to minimize any negative impact to the storm water collection system and environment.

**9.1.8 Service Worker Retention Ordinance.** If applicable, Contractor shall comply with the Service Worker Retention Ordinance (SWRO) codified in the SDMC.

**9.1.9 Product Endorsement.** Contractor shall comply with Council Policy 000-41 which requires that other than listing the City as a client and other limited endorsements, any advertisements, social media, promotions or other marketing referring to the City as a user of a product or service will require prior written approval of the Mayor or designee. Use of the City Seal or City logos is prohibited.

**9.1.10 Business Tax Certificate.** Unless the City Treasurer determines in writing that a contractor is exempt from the payment of business tax, any contractor doing business with the City of San Diego is required to obtain a Business Tax Certificate (BTC) and to provide a copy of its BTC to the City before a Contract is executed.

**9.1.11 Equal Pay Ordinance.** Unless an exception applies, Contractor shall comply with the Equal Pay Ordinance codified in San Diego Municipal Code sections 22.4801 through 22.4809. Contractor shall certify in writing that it will comply with the requirements of the EPO.

**9.1.11.1 Contractor and Subcontract Requirement.** The Equal Pay Ordinance applies to any subcontractor who performs work on behalf of a Contractor to the same extent as it would apply to that Contractor. Any Contractor subject to the Equal Pay Ordinance shall require all of its subcontractors to certify compliance with the Equal Pay Ordinance in its written subcontracts.

## ARTICLE X
## CONFLICT OF INTEREST AND VIOLATIONS OF LAW

**10.1 Conflict of Interest Laws.** Contractor is subject to all federal, state and local conflict of interest laws, regulations, and policies applicable to public contracts and procurement practices including, but not limited to, California Government Code sections 1090, *et. seq.* and 81000*, et. seq.,* and the Ethics Ordinance, codified in the SDMC. City may determine that Contractor must complete one or more statements of economic interest disclosing relevant financial interests. Upon City's request, Contractor shall submit the necessary documents to City.

**10.2 Contractor's Responsibility for Employees and Agents.** Contractor is required to establish and make known to its employees and agents appropriate safeguards to prohibit employees from using their positions for a purpose that is, or that gives the appearance of being, motivated by the desire for private gain for themselves or others, particularly those with whom they have family, business or other relationships.

**10.3 Contractor's Financial or Organizational Interests.** In connection with any task, Contractor shall not recommend or specify any product, supplier, or contractor with whom Contractor has a direct or indirect financial or organizational interest or relationship that would violate conflict of interest laws, regulations, or policies.

**10.4 Certification of Non-Collusion.** Contractor certifies that: (1) Contractor's bid or proposal was not made in the interest of or on behalf of any person, firm, or corporation not identified; (2) Contractor did not directly or indirectly induce or solicit any other bidder or proposer to put in a sham bid or proposal; (3) Contractor did not directly or indirectly induce or

solicit any other person, firm or corporation to refrain from bidding; and (4) Contractor did not seek by collusion to secure any advantage over the other bidders or proposers.

**10.5 Hiring City Employees.** This Contract shall be unilaterally and immediately terminated by City if Contractor employs an individual who within the twelve (12) months immediately preceding such employment did in his/her capacity as a City officer or employee participate in negotiations with or otherwise have an influence on the selection of Contractor.

## ARTICLE XI
## DISPUTE RESOLUTION

**11.1 Mediation.** If a dispute arises out of or relates to this Contract and cannot be settled through normal contract negotiations, Contractor and City shall use mandatory non-binding mediation before having recourse in a court of law.

**11.2 Selection of Mediator.** A single mediator that is acceptable to both parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible.

**11.3 Expenses.** The expenses of witnesses for either side shall be paid by the party producing such witnesses. All other expenses of the mediation, including required traveling and other expenses of the mediator, and the cost of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the parties, unless they agree otherwise.

**11.4 Conduct of Mediation Sessions.** Mediation hearings will be conducted in an informal manner and discovery will not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 through 1128) and will not be used for any other purpose unless otherwise agreed by the parties in writing. The parties may agree to exchange any information they deem necessary. Both parties shall have a representative attend the mediation who is authorized to settle the dispute, though City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either party may have attorneys, witnesses or experts present.

**11.5 Mediation Results.** Any agreements resulting from mediation shall be memorialized in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the parties. Mediators shall not be subject to any subpoena or liability, and their actions shall not be subject to discovery.

## ARTICLE XII
## MANDATORY ASSISTANCE

**12.1 Mandatory Assistance.** If a third party dispute or litigation, or both, arises out of, or relates in any way to the services provided to the City under a Contract, Contractor , its agents, officers, and employees agree to assist in resolving the dispute or litigation upon City’s request. Contractor’s assistance includes, but is not limited to, providing professional consultations,

attending mediations, arbitrations, depositions, trials or any event related to the dispute resolution and/or litigation.

**12.2 Compensation for Mandatory Assistance.** City will compensate Contractor for fees incurred for providing Mandatory Assistance. If, however, the fees incurred for the Mandatory Assistance are determined, through resolution of the third party dispute or litigation, or both, to be attributable in whole, or in part, to the acts or omissions of Contractor, its agents, officers, and employees, Contractor shall reimburse City for all fees paid to Contractor, its agents, officers, and employees for Mandatory Assistance.

**12.3 Attorneys' Fees Related to Mandatory Assistance.** In providing City with dispute or litigation assistance, Contractor or its agents, officers, and employees may incur expenses and/or costs. Contractor agrees that any attorney fees it may incur as a result of assistance provided under Section 12.2 are not reimbursable.

## ARTICLE XIII
## MISCELLANEOUS

**13.1 Headings.** All headings are for convenience only and shall not affect the interpretation of this Contract.

**13.2 Non-Assignment.** Contractor may not assign the obligations under this Contract, whether by express assignment or by sale of the company, nor any monies due or to become due under this Contract, without City's prior written approval. Any assignment in violation of this paragraph shall constitute a default and is grounds for termination of this Contract at the City's sole discretion. In no event shall any putative assignment create a contractual relationship between City and any putative assignee.

**13.3 Independent Contractors.** Contractor and any subcontractors employed by Contractor are independent contractors and not agents of City. Any provisions of this Contract that may appear to give City any right to direct Contractor concerning the details of performing or providing the goods and/or services, or to exercise any control over performance of the Contract, shall mean only that Contractor shall follow the direction of City concerning the end results of the performance.

**13.4 Subcontractors.** All persons assigned to perform any work related to this Contract, including any subcontractors, are deemed to be employees of Contractor, and Contractor shall be directly responsible for their work.

**13.5 Covenants and Conditions.** All provisions of this Contract expressed as either covenants or conditions on the part of City or Contractor shall be deemed to be both covenants and conditions.

**13.6 Compliance with Controlling Law.** Contractor shall comply with all applicable local, state, and federal laws, regulations, and policies. Contractor's act or omission in violation of applicable local, state, and federal laws, regulations, and policies is grounds for contract

termination. In addition to all other remedies or damages allowed by law, Contractor is liable to City for all damages, including costs for substitute performance, sustained as a result of the violation. In addition, Contractor may be subject to suspension, debarment, or both.

**13.7 Governing Law.** The Contract shall be deemed to be made under, construed in accordance with, and governed by the laws of the State of California without regard to the conflicts or choice of law provisions thereof.

**13.8 Venue.** The venue for any suit concerning solicitations or the Contract, the interpretation of application of any of its terms and conditions, or any related disputes shall be in the County of San Diego, State of California.

**13.9 Successors in Interest.** This Contract and all rights and obligations created by this Contract shall be in force and effect whether or not any parties to the Contract have been succeeded by another entity, and all rights and obligations created by this Contract shall be vested and binding on any party's successor in interest.

**13.10 No Waiver.** No failure of either City or Contractor to insist upon the strict performance by the other of any covenant, term or condition of this Contract, nor any failure to exercise any right or remedy consequent upon a breach of any covenant, term, or condition of this Contract, shall constitute a waiver of any such breach of such covenant, term or condition. No waiver of any breach shall affect or alter this Contract, and each and every covenant, condition, and term hereof shall continue in full force and effect without respect to any existing or subsequent breach.

**13.11 Severability.** The unenforceability, invalidity, or illegality of any provision of this Contract shall not render any other provision of this Contract unenforceable, invalid, or illegal.

**13.12 Drafting Ambiguities.** The parties acknowledge that they have the right to be advised by legal counsel with respect to the negotiations, terms and conditions of this Contract, and the decision of whether to seek advice of legal counsel with respect to this Contract is the sole responsibility of each party. This Contract shall not be construed in favor of or against either party by reason of the extent to which each party participated in the drafting of the Contract.

**13.13 Amendments.** Neither this Contract nor any provision hereof may be changed, modified, amended or waived except by a written agreement executed by duly authorized representatives of City and Contractor. Any alleged oral amendments have no force or effect. The Purchasing Agent must sign all Contract amendments.

**13.14 Conflicts Between Terms.** If this Contract conflicts with an applicable local, state, or federal law, regulation, or court order, applicable local, state, or federal law, regulation, or court order shall control. Varying degrees of stringency among the main body of this Contract, the exhibits or attachments, and laws, regulations, or orders are not deemed conflicts, and the most stringent requirement shall control. Each party shall notify the other immediately upon the identification of any apparent conflict or inconsistency concerning this Contract.

**13.15 Survival of Obligations.** All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with this Contract, as well as all continuing obligations indicated in this Contract, shall survive, completion and acceptance of performance and termination, expiration or completion of the Contract.

**13.16 Confidentiality of Services.** All services performed by Contractor, and any sub-contractor(s) if applicable, including but not limited to all drafts, data, information, correspondence, proposals, reports of any nature, estimates compiled or composed by Contractor, are for the sole use of City, its agents, and employees. Neither the documents nor their contents shall be released by Contractor or any subcontractor to any third party without the prior written consent of City. This provision does not apply to information that: (1) was publicly known, or otherwise known to Contractor, at the time it was disclosed to Contractor by City; (2) subsequently becomes publicly known through no act or omission of Contractor; or (3) otherwise becomes known to Contractor other than through disclosure by City.

**13.17 Insolvency.** If Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, Contractor agrees to furnish, by certified mail or electronic commerce method authorized by the Contract, written notification of the bankruptcy to the Purchasing Agent and the Contract Administrator responsible for administering the Contract. This notification shall be furnished within five (5) days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of City contract numbers and contracting offices for all City contracts against which final payment has not been made. This obligation remains in effect until final payment is made under this Contract.

**13.18 No Third Party Beneficiaries.** Except as may be specifically set forth in this Contract, none of the provisions of this Contract are intended to benefit any third party not specifically referenced herein. No party other than City and Contractor shall have the right to enforce any of the provisions of this Contract.

**13.19 Actions of City in its Governmental Capacity**. Nothing in this Contract shall be interpreted as limiting the rights and obligations of City in its governmental or regulatory capacity.

**EXHIBIT D**

**WAGE REQUIREMENTS: SERVICE AND MAINTENANCE CONTRACTS EXECUTED ON OR AFTER JANUARY 1, 2015**

By signing this Contract, Bidder certifies that he or she is aware of the wage provisions described herein and shall comply with such provisions before commencing services.

**A. PREVAILING WAGES.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding $25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding $15,000, Bidder and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below. This requirement is in addition to the requirement to pay Living Wage pursuant to San Diego Municipal Code Chapter 2, Article 2, Division 42. Bidder must determine which per diem rate is highest for each classification of work (i.e. Prevailing Wage Rate or Living Wage Rate), and pay the highest of the two rates to their employees. Living Wage applies to workers who are not subject to Prevailing Wage Rates.

**1. Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, Bidder and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

**1.1.** Copies of such prevailing rate of per diem wages are on file at the City of San Diego's Equal Opportunity Contracting Department and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm. Bidder and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

**1.2.** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date

of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

**2. Penalties for Violations.** Bidder and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.

**3. Payroll Records.** Bidder and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Bidder shall require its subcontractors to also comply with section 1776. Bidder and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Bidder is responsible for ensuring its subcontractors submit certified payroll records to the City. Bidder and its subcontractors shall also furnish the records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required in Labor Code section 1771.4.

**4. Apprentices.** Bidder and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Bidder shall be held responsible for their compliance as well as the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

**5. Working Hours.** Bidder and its subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of $25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections1810 through 1815.

**6. Required Provisions for Subcontracts.** Bidder shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.

**7. Labor Code Section 1861 Certification.** Bidder in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Bidder certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."

**8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when

payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. A Bidder or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or enter into any contract for public work, as defined in this chapter of the Labor Code unless currently registered and qualified to perform the work pursuant to Section 1725.5. In accordance with Labor Code section 1771.1(a), "[i]t is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

**9.1.** A Bidder's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in a response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered contractor pursuant to Public Contract Code section 4107.

**9.2.** A Contract entered into with any Bidder or subcontractor in violation of Labor Code section 1771.1(a) shall be subject to cancellation, provided that a Contract for public work shall not be unlawful, void, or voidable solely due to the failure of the awarding body, Bidder, or any subcontractor to comply with the requirements of section 1725.5 of this section.

**9.3.** By submitting a bid or proposal to the City, Bidder is certifying that he or she has verified that all subcontractors used on this public works project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Bidder shall provide proof of registration for themselves and all listed subcontractors to the City at the time of bid or proposal due date or upon request.

**10. Stop Order**. For Bidder or its subcontractor(s) engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered Bidder or unregistered subcontractor(s) on ALL public works until the unregistered Bidder or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.

**11. List of all Subcontractors**. The City may ask Bidder for the most current list of subcontractors (regardless of tier), along with their DIR registration numbers,

utilized on this contract at any time during performance of this contract, and Bidder shall provide the list within ten (10) working days of the City's request. Additionally, Bidder shall provide the City with a complete list of all subcontractors utilized on this contract (regardless of tier), within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Bidder until at least 30 days after this information is provided to the City.

**12. Exemptions for Small Projects**. There are limited exemptions for installation, alteration, demolition, or repair work done on projects of $25,000 or less. The Bidder shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

**12.1.** Registration. The Bidder will not be required to register with the DIR for small projects. (Labor Code section 1771.1).

**12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Bidder will need to keep those records for at least three years following the completion of the contract. (Labor Code section 1771.4).

**12.3.** List of all Subcontractors. The Bidder shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 11 above. (Labor Code section 1773.3).

**B. Living Wages.** This Contract is subject to the City's Living Wage Ordinance (LWO), codified in San Diego Municipal Code Chapter 2, Article 2, Division 42. Bidder agrees to require all of its subcontractors, sublessees, and concessionaires subject to the LWO to comply with the LWO and all applicable regulations and rules.

**1. Payment of Living Wages**. Pursuant to San Diego Municipal Code section 22.4220(a), Bidder and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the required minimum hourly wage rates and health benefits rate unless an exemption applies.

**1.1** Copies of such living wage rates are available on the City website at https://www.sandiego.gov/purchasing/programs/livingwage/. Bidder and its subcontractors shall post a notice informing workers of their rights at each job site or a site frequently accessed by covered employees in a prominent and accessible place in accordance with San Diego Municipal Code section 22.4225(e).

**1.2** LWO wage and health benefit rates are adjusted annually in accordance with San Diego Municipal Code section 22.4220(b) to reflect the Consumer Price Index. Service contracts, financial assistance agreements, and City facilities agreements must include this upward adjustment of wage rates to covered employees on July 1 of each year.

**2. Compensated Leave.** Pursuant to San Diego Municipal Code section 22.4220(c), Bidder and its subcontractors shall provide a minimum of eighty (80)

hours per year of compensated leave. Part-time employees must accrue compensated leave at a rate proportional to full-time employees.

**3.** **Uncompensated Leave.** Bidder and its subcontractors must also permit workers to take a minimum of eighty (80) hours of uncompensated leave per year to be used for the illness of the worker or a member of his or her immediate family when the worker has exhausted all accrued compensated leave.

**4.** **Enforcement and Remedies**. City will take any one or more of the actions listed in San Diego Municipal Code section 22.4230 should Bidder or its subcontractors are found to be in violation of any of the provisions of the LWO.

**5**. **Payroll Records.** Bidder and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Bidder is responsible for ensuring its subcontractors submit certified payroll records to the City.

**5.1** For contracts subject to both living wage and prevailing wage requirements, only one submittal will be required. Submittals by a Bidder and all subcontractors must comply with both ordinance requirements.

**6**. **Certification of Compliance**. San Diego Municipal Code section 22.4225 requires each Bidder to fill out and file a living wage certification with the Living Wage Program Manager within thirty (30) days of Award of the Contract.

**7**. **Annual Compliance Report**. Bidder and its subcontractors must file an annual report documenting compliance with the LWO pursuant to San Diego Municipal Code section 22.4225(d). Records documenting compliance must be maintained for a minimum of three (3) years after the City's final payment on the service contract or agreement.

**8.** **Exemption from Living Wage Ordinance.** Pursuant to San Diego Municipal Code section 22.4215, this Contract may be exempt from the LWO. For a determination on this exemption, Bidder must complete the Living Wage Ordinance Application for Exemption.

**C.** **Highest Wage Rate Applies.** Bidder is required to pay the highest applicable wage rate where more than one wage rate applies.

**City of San Diego**

# CONTRACTOR STANDARDS

## Pledge of Compliance

The City of San Diego has adopted a Contractor Standards Ordinance (CSO) codified in section 22.3004 of the San Diego Municipal Code (SDMC). The City of San Diego uses the criteria set forth in the CSO to determine whether a contractor (bidder or proposer) has the capacity to fully perform the contract requirements and the business integrity to justify the award of public funds. This completed Pledge of Compliance signed under penalty of perjury must be submitted with each bid and proposal. If an informal solicitation process is used, the bidder must submit this completed Pledge of Compliance to the City prior to execution of the contract. All responses must be typewritten or printed in ink. If an explanation is requested or additional space is required, Contractors must provide responses on Attachment A to the Pledge of Compliance and sign each page. Failure to submit a signed and completed Pledge of Compliance may render a bid or proposal non-responsive. In the case of an informal solicitation or cooperative procurement, the contract will not be awarded unless a signed and completed Pledge of Compliance is submitted. A submitted Pledge of Compliance is a public record and information contained within will be available for public review except to the extent that such information is exempt from disclosure pursuant to applicable law.

By signing and submitting this form, the contractor is certifying, to the best of their knowledge, that the contractor and any of its Principals have not within a five (5) year period – preceding this offer, been convicted of or had a civil judgement rendered against them for commission of a fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) contract or subcontract.

"Principal" means an officer, director, owner, partner or a person having primary management or supervisory responsibilities within the firm. The Contractor shall provide immediate written notice to the Procurement Contracting Officer handling the solicitation, at any time prior to award should they learn that this Representations and Certifications was inaccurate or incomplete.

**This form contains 10 pages, additional information may be submitted as part of *Attachment A.***

### A. BID/PROPOSAL/SOLICITATION TITLE:

_____

_____

_____

### B. BIDDER/PROPOSER INFORMATION:

| | | | |
|---|---|---|---|
| Legal Name | | DBA | |
| Street Address | City | State | Zip |
| Contact Person, Title | Phone | Fax | |

Provide the name, identity, and precise nature of the interest* of all persons who are directly or indirectly involved** in this proposed transaction (SDMC § 21.0103). Use additional pages if necessary.

* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction,
- the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and
- any philanthropic, scientific, artistic, or property interest in the transaction.

** Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City, or
- directing or supervising the actions of persons engaged in the above activity.

| | |
|---|---|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

| | |
|---|---|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

| | |
|---|---|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

| | |
|---|---|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

| | |
|---|---|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

| | |
|---|---|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

Name | Title/Position

City and State of Residence | Employer (if different than Bidder/Proposer)

Interest in the transaction

Name | Title/Position

City and State of Residence | Employer (if different than Bidder/Proposer)

Interest in the transaction

Name | Title/Position

City and State of Residence | Employer (if different than Bidder/Proposer)

Interest in the transaction

## C. OWNERSHIP AND NAME CHANGES:

1. In the past five ten (5) years, has your firm changed its name?
   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to list all prior legal and DBA names, addresses, and dates each firm name was used. Explain the specific reasons for each name change.

2. Is your firm a non-profit?
   ☐**Yes** ☐**No**

   If **Yes,** attach proof of status to this submission.

3. In the past five (5) years, has a firm owner, partner, or officer operated a similar business?
   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to list names and addresses of all businesses and the person who operated the business. Include information about a similar business only if an owner, partner, or officer of your firm holds or has held a similar position in another firm.

## D. BUSINESS ORGANIZATION/STRUCTURE:

Indicate the organizational structure of your firm. Fill in only one section on this page. Use Attachment A if more space is required.

☐ **Corporation** Date incorporated: _____ State of incorporation: _____

List corporation's current officers: President: _____
Vice Pres: _____
Secretary: _____
Treasurer: _____

Type of corporation: C ☐ Subchapter S ☐

Is the corporation authorized to do business in California: ☐ **Yes** ☐ **No**

If **Yes,** after what date: _____

Is your firm a publicly traded corporation? ☐ **Yes** ☐ **No**

If **Yes,** how and where is the stock traded? _____

If **Yes**, list the name, title and address of those who own ten percent (10 %) or more of the corporation's stocks:

_____
_____
_____
_____

Do the President, Vice President, Secretary and/or Treasurer of your corporation have a third party interest or other financial interests in a business/enterprise that performs similar work, services or provides similar goods? ☐ **Yes** ☐ **No**

If **Yes,** please use Attachment A to disclose.

| Please list the following: | Authorized | Issued | Outstanding |
|---|---|---|---|
| a. Number of voting shares: | _____ | _____ | _____ |
| b. Number of nonvoting shares: | _____ | _____ | _____ |
| c. Number of shareholders: | | | _____ |
| d. Value per share of common stock: | | Par | $_____ |
| | | Book | $_____ |
| | | Market | $_____ |

**Limited Liability Company** Date formed: _____ State of formation: _____

List the name, title and address of members who own ten percent (10%) or more of the company:

_____
_____
_____
_____

☐ **Partnership** Date formed: _____ State of formation: _____

List names of all firm partners:

_____
_____
_____
_____

☐ **Sole Proprietorship** Date started: _____

List all firms you have been an owner, partner or officer with during the past five (5) years. Do not include ownership of stock in a publicly traded company:

_____
_____
_____
_____

☐ **Joint Venture** Date formed: _____

List each firm in the joint venture and its percentage of ownership:

_____
_____
_____
_____

**Note**: To be responsive, each member of a Joint Venture or Partnership must complete a separate *Contractor Standards form*.

**E. FINANCIAL RESOURCES AND RESPONSIBILITY:**

1. Is your firm preparing to be sold, in the process of being sold, or in negotiations to be sold?
   ☐ **Yes** ☐ **No**

   If **Yes**, use Attachment A to explain the circumstances, including the buyer's name and principal contact information.

2. In the past five (5) years, has your firm been denied bonding?
   ☐ **Yes** ☐ **No**

   If **Yes**, use Attachment A to explain specific circumstances; include bonding company name.

3. In the past five (5) years, has a bonding company made any payments to satisfy claims made against a bond issued on your firm's behalf or a firm where you were the principal?
   ☐ **Yes** ☐ **No**

   If **Yes**, use Attachment A to explain specific circumstances.

4. In the past five (5) years, has any insurance carrier, for any form of insurance, refused to renew the insurance policy for your firm?
   ☐ **Yes** ☐ **No**

   If **Yes**, use Attachment A to explain specific circumstances.

5. Within the last five years, has your firm filed a voluntary petition in bankruptcy, been adjudicated bankrupt, or made a general assignment for the benefit of creditors?
   ☐ **Yes** ☐ **No**

   If **Yes**, use Attachment A to explain specific circumstances.

6. Are there any claims, liens or judgements that are outstanding against your firm?
   ☐ **Yes** ☐ **No**

   If **Yes,** please use Attachment A to provide detailed information on the action.

7. Please provide the name of your principal financial institution for financial reference. By submitting a response to this Solicitation Contractor authorizes a release of credit information for verification of financial responsibility.

   Name of Bank: _____

   Point of Contact:_____

   Address:_____

   Phone Number:_____

8. By submitting a response to a City solicitation, Contractor certifies that he or she has sufficient operating capital and/or financial reserves to properly fund the requirements identified in the solicitation. At City's request, Contractor will promptly provide to City

a copy of Contractor's most recent balance sheet and/or other necessary financial statements to substantiate financial ability to perform.

9. In order to do business in the City of San Diego, a current Business Tax Certificate is required. Business Tax Certificates are issued by the City Treasurer's Office. If you do not have one at the time of submission, one must be obtained prior to award.

   Business Tax Certificate No.:_____ Year Issued: _____

**F. PERFORMANCE HISTORY:**

1. In the past five (5) years, has your firm been found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for defaulting or breaching a contract with a government agency?
   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances.

2. In the past five (5) years, has a public entity terminated your firm's contract for cause prior to contract completion?
   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances and provide principal contact information.

3. In the past five (5) years, has your firm entered into any settlement agreement for any lawsuit that alleged contract default, breach of contract, or fraud with or against a public entity?
   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances.

4. Is your firm currently involved in any lawsuit with a government agency in which it is alleged that your firm has defaulted on a contract, breached a contract, or committed fraud?
   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances.

5. In the past five (5) years, has your firm, or any firm with which any of your firm's owners, partners, or officers is or was associated, been debarred, disqualified, removed, or otherwise prevented from bidding on or completing any government or public agency contract for any reason?
   ☐**Yes** ☐**No**

   If **Yes**, use *Attachment A* to explain specific circumstances.

6. In the past five (5) years, has your firm received a notice to cure or a notice of default on a contract with any public agency?

   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances and how the matter resolved.

7. Performance References:

Please provide a minimum of three (3) references familiar with work performed by your firm which was of a similar size and nature to the subject solicitation within the last five (5) years.

Please note that any references required as part of your bid/proposal submittal are in addition to those references required as part of this form.

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address:_____

Contract Date:_____

Contract Amount:_____

Requirements of Contract: _____

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address:_____

Contract Date:_____

Per Year

Contract Amount:_____

Requirements of Contract: _____

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address:_____

Contract Date:_____

This is for 2 contracts (North & South Regions)

Contract Amount:_____

Requirements of Contract: _____

**G. COMPLIANCE:**

1. In the past five (5) years, has your firm or any firm owner, partner, officer, executive, or manager been criminally penalized or found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for violating any federal, state, or local law in performance of a contract, including but not limited to, laws regarding health and safety, labor and employment, permitting, and licensing laws?
   ☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances surrounding each instance. Include the name of the entity involved, the specific infraction(s) or violation(s), dates of instances, and outcome with current status.

2. In the past five (5) years, has your firm been determined to be non-responsible by a public entity?
   ☐**Yes** ☐**No**

If **Yes**, use Attachment A to explain specific circumstances of each instance. Include the name of the entity involved, the specific infraction, dates, and outcome.

## H. BUSINESS INTEGRITY:

1. In the past five (5) years, has your firm been convicted of or found liable in a civil suit for making a false claim or material misrepresentation to a private or public entity?
☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances of each instance. Include the entity involved, specific violation(s), dates, outcome and current status.

2. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a crime, including misdemeanors, or been found liable in a civil suit involving the bidding, awarding, or performance of a government contract?
☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

3. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a federal, state, or local crime of fraud, theft, or any other act of dishonesty?
☐**Yes** ☐**No**

   If **Yes**, use Attachment A to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

4. Do any of the Principals of your firm have relatives that are either currently employed by the City or were employed by the City in the past five (5) years?

   ☐**Yes** ☐**No**

   If **Yes,** please disclose the names of those relatives in Attachment A.

## I. BUSINESS REPRESENTATION:

1. Are you a local business with a physical address within the County of San Diego?
☐**Yes** ☐**No**

2. Are you a certified Small and Local Business Enterprise certified by the City of San Diego?
☐**Yes** ☐**No**

   Certification #_____

3. Are you certified as any of the following:
   a. Disabled Veteran Business Enterprise Certification #_____
   b. Woman or Minority Owned Business Enterprise Certification # _____
   c. Disadvantaged Business Enterprise Certification #_____

## J. WAGE COMPLIANCE:

In the past five (5)years, has your firm been required to pay back wages or penalties for failure to comply with the federal, state or local **prevailing, minimum, or living wage laws**? ☐**Yes** ☐**No** If **Yes**, use Attachment A to explain the specific circumstances of each instance. Include the entity involved, the specific infraction(s), dates, outcome, and current status.

By signing this Pledge of Compliance, your firm is certifying to the City that you will comply with the requirements of the Equal Pay Ordinance set forth in SDMC sections 22.4801 through 22.4809.

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

By signing and submitting this form, the Contractor certifies that all required equipment included in this bid or proposal will be made available one week (7 days) before work shall commence. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San

Diego reserves the right to reject any response, in its opinion, if the Contractor has not demonstrated he or she will be properly equipped to perform the work in an efficient, effective matter for the duration of the contract period.

**M. TYPE OF SUBMISSION:** This document is submitted as:

☐ Initial submission of *Contractor Standards Pledge of Compliance*

☐ Initial submission of *Contractor Standards Pledge of Compliance* as part of a Cooperative agreement

☐ Initial submission of *Contractor Standards Pledge of Compliance* as part of a Sole Source agreement

☐ Update of prior *Contractor Standards Pledge of Compliance* dated _____.

**Complete all questions and sign below.**

Under penalty of perjury under the laws of the State of California, I certify that I have read and understand the questions contained in this Pledge of Compliance, that I am responsible for completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Purchasing Agent within five (5) business days if, at any time, I learn that any portion of this Pledge of Compliance is inaccurate. Failure to timely provide the Purchasing Agent with written notice is grounds for Contract termination.

I, on behalf of the firm, further certify that I and my firm will comply with the following provisions of SDMC section 22.3004:

(a) I and my firm will comply with all applicable local, State and Federal laws, including health and safety, labor and employment, and licensing laws that affect the employees, worksite or performance of the contract.

(b) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of receiving notice that a government agency has begun an investigation of me or my firm that may result in a finding that I or my firm is or was not in compliance with laws stated in paragraph (a).

(c) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of a finding by a government agency or court of competent jurisdiction of a violation by the Contractor of laws stated in paragraph (a).

(d) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of becoming aware of an investigation or finding by a government agency or court of competent jurisdiction of a violation by a subcontractor of laws stated in paragraph (a).

(e) I and my firm will cooperate fully with the City during any investigation and to respond to a request for information within ten (10) working days.

**Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed *Pledge of Compliance* is submitted.**

| Brian P. Duffy | | 07/08/2025 |
|---|---|---|
| Name and Title | Signature | Date |

**City of San Diego**
**CONTRACTOR STANDARDS**
**Attachment "A"**

Provide additional information in space below. Use additional Attachment "A" pages as needed. Each page must be signed. Print in ink or type responses and indicate question being answered.

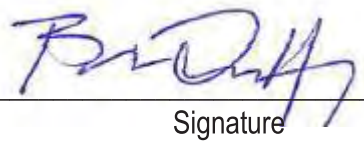
Please see documentation explaining our response to the following question on the following pages:

E. FINANCIAL RESOURCES AND RESPONSIBILITY:
6. Are there any claims, liens or judgements that are outstanding against your firm?
YES.

Responses to K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS is provided on the following pages. Following each Statement of Subcontractor, we provide certifications, as appropriate, and a table of the firms qualifications and our previous experience working together. Subcontractors include:

AtmAA, Inc.
CriticalPath Environmental Services, Inc. dba BlueScape Environmental
Eurofins Environment Testing Southwest, LLC
Franks Industrial Services, Inc.
Hydraulic Controls, Inc.
IO Environmental & Infrastructure Inc.
Limited Access Unlimited, Inc. dba Pacific Drilling Co
Patriot Environmental Services, Inc.
Sloan Electromechanical Service & Sales
Thermal Instrument Company, Inc.
Victory Bee Removal
Zampell Refractories Inc.

I have read the matters and statements made in this Contractor Standards Pledge of Compliance and attachments thereto and I know the same to be true of my own knowledge, except as to those matters stated upon information or belief and as to such matters, I believe the same to be true. I certify under penalty of perjury that the foregoing is true and correct.

| Brian P. Duffy |  | 07/08/2025 |
|---|---|---|
| Print Name, Title | Signature | Date |

# EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

# GOODS AND SERVICES CONTRACTOR REQUIREMENTS

## I. City's Equal Opportunity Contracting Commitment.

The City of San Diego (City) promotes equal employment and subcontracting opportunities. The City is committed to ensuring that taxpayer dollars spent on public contracts are not paid to businesses that practice discrimination in employment or subcontracting. The City encourages all companies seeking to do business with the City to share this commitment. Contractors are encouraged to take positive steps to diversify and expand their subcontractor and supplier solicitation base and to offer opportunities to all eligible business firms.

***Contractors must submit the required EOCP documentation indicated below with their bids. Contractors who fail to provide the required EOCP documentation are considered non-responsive.***

## II. Definitions.

**Commercially Useful Function:** a Small Local Business Enterprise or Emerging Local Business Enterprise (SLBE/ELBE) performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the SLBE/ELBE shall also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether a SLBE/ELBE is performing a commercially useful function, an evaluation will be performed of the amount of work subcontracted, normal industry practices, whether the amount the SLBE/ELBE firm is to be paid under the contract is commensurate with the work it is actually performing and the SLBE/ELBE credit claimed for its performance of the work, and other relevant factors. Specifically, a SLBE/ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE/ELBE participation, when in similar transactions in which SLBE/ELBE firms do not participate, there is no such role performed.

**Disadvantaged Business Enterprise (DBE):** a certified business that is (1) at least fifty-one (51%) owned by socially and economically Disadvantaged Individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more socially and economically Disadvantaged Individuals; and (2) whose daily business operations are managed and directed by one or more socially and economically disadvantaged owners. Disadvantaged Individuals include Black Americans, Hispanic Americans, Asian Americans, and other minorities, or individual found to be disadvantaged by the Small Business Administration pursuant to Section 8 of the Small Business Reauthorization Act.

**Disabled Veteran: Disabled Veteran Business Enterprise (DVBE):** a certified business that is (1) at least fifty-one percent (51%) owned by one or more Disabled Veterans; and (2) business operations must be managed and controlled by one or more Disabled Veterans. A Disabled Veteran is a veteran of the U.S. military, naval, or air service who resides in California and has a service-connected disability of at least 10% or more. The firm shall be certified by the State of California's Department of General Services, Office of Small and Minority Business.

**Emerging Business Enterprise (EBE):** a business whose gross annual receipts do not exceed the amount set by the City Manager, and which meets all other criteria set forth in regulations implementing the City's Small and Local Business Preference Program. The City Manager shall review the threshold amount for EBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace.

**Emerging Local Business Enterprise (ELBE):** a Local Business Enterprise that is also an Emerging Business Enterprise.

**Local Business Enterprise (LBE):** a business that has both a principle place of business and a significant employment presence in the County of San Diego, and that has been in operation for twelve (12) consecutive months.

**Minority Business Enterprise (MBE):** a certified business that is (1) at least fifty-one percent (51%) owned by one or more minority individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more minorities owners. Minorities include the groups with the following ethnic origins: African, Asian Pacific, Asian Subcontinent, Hispanic, Native Alaskan, Native American, and Native Hawaiian.

**Other Business Enterprise (OBE):** any business which does not otherwise qualify as Minority, Woman, Disadvantaged, or Disabled Veteran Business Enterprise.

**Principle Place of Business:** a location wherein a business maintains a physical office and through which it obtains no less than fifty percent (50%) of its gross annual receipts.

**Significant Employee Presence:** no less than twenty-five percent (25%) of a business's total number of employees.

**Small Business Enterprise (SBE):** a business whose gross annual receipts do not exceed the amount set by the City Manager, and that meets all other criteria set forth in regulations implementing the City's Small and Local Business Preference Program. The City Manager shall review the threshold amount for SBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace. A business certified as a DVBE by the State of California, and that has provided proof of such certification to the City Manager, shall be deemed to be an SBE.

**Small Local Business Enterprise (SLBE):** a Local Business Enterprise that is also a Small Business Enterprise.

**Women Business Enterprise (WBE):** a certified business that is (1) at least fifty-one percent (51 %) owned by a woman or women, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more women; and (2) whose daily business operations are managed and directed by one or more women owners.

## III. Disclosure of Discrimination Complaints.

As part of its bid, Contractor shall provide to the City a list of all instances within the past ten (10) years where a complaint was filed or pending against Contractor in a legal or administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken. (Attachment AA).

## IV. Workforce Report and Equal Opportunity Outreach Plan.

A. Work Force Report. Contractors shall submit with their bid a Work Force Report (WFR) for approval by the City. (Attachment BB). If the City determines that there are under representations when compared to County Labor Force Availability data, then the Contractor will also be required to submit an Equal Employment Opportunity Plan (EEOP) to the City for approval. Questions regarding the WFR should be directed to the Equal Opportunity Contracting Department.

B. Duty to Comply with Equal Opportunity Outreach Plan. A Contractor for whom an EEOP has been approved by the City shall use best efforts to comply with that EEOP.

## V. Small and Local Business Program Requirements.

The City has adopted a Small and Local Business Preference Program for goods and services contracts. The SLBE requirements are set forth in Council Policy 100-10. For goods, services, and consultant contracts in which the Purchasing Agent is required to advertise for sealed bids in the City's official newspaper:

A. The City shall apply a bid discount in the way of:

a. Five percent (5%) discount off the bid price for SLBE or ELBE prime contractors; or

b. Five percent (5%) discount off the bid price for prime contractors achieving the voluntary goal of twenty percent (20%) for SLBE or ELBE subcontractor participation set forth in Subsection B below.

The discount will not apply if an award to the discounted bidder would result in a total contract cost of $50,000 in excess of the low, non-discounted bid. In the event of a tie between a discounted bidder and non-

discounted bidder, the discounted bidder will be awarded the contract. The discount shall be taken off the total contract value, including contract option years.

B. Include a voluntary subcontractor participation requirement of 20% of the total bid price for SLBE or ELBEs.

## VI. Maintaining Participation Levels.

A. Bid discounts are based on the bidder's level of participation proposed prior to the award of the goods, services, or consultant contract. Bidders are required to achieve and maintain the SLBE or ELBE participation levels throughout the duration of the goods, services, or consultant contract.

B. If the City modifies the original specifications, the bidder shall make reasonable efforts to maintain the SLBE or ELBE participation for which the bid discount was awarded. The City must approve in writing a reduction in SLBE or ELBE participation levels.

C. Bidder shall notify and obtain written approval from the City in advance of any reduction in subcontract scope, termination, or substitution for a designated SLBE or ELBE subcontractor.

D. Bidder's failure to maintain SLBE or ELBE participation levels as specified in the goods, services, or consultant contract shall constitute a default and grounds for debarment under Chapter 2, Article 2, Division 8, of the San Diego Municipal Code.

E. The remedies available to the City under Council Policy 100-10 are cumulative to all other rights and remedies available to the City.

## VII. Certifications.

The City accepts certifications of MBE, WBE, DBE, or DVBE from the following certifying agencies:

A. Current certification by the State of California Department of Transportation (CALTRANS) as DBE.

B. Current MBE or WBE certification from the California Public Utilities Commission.

C. DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.

D. Current certification by the City of Los Angles as DBE, WBE, or MBE.

Subcontractors' valid proof of certification status e.g., copy of MBE, WBE, DBE, or DVBE certification must be submitted with the ITB. MBE, WBE, DBE, or DVBE certifications are listed for informational purposes only.

## VIII. List of Attachments.

AA. Contractors Certification of Pending Actions

BB. Work Force Report

## AA. CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of this Contract, the Contractor must provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Contractor in a legal or administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

☐ The undersigned certifies that within the past 10 years the Contractor has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers.

☐ The undersigned certifies that within the past 10 years the Contractor has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

| DATE OF CLAIM | LOCATION | DESCRIPTION OF CLAIM | LITIGATION (Y/N) | STATUS | RESOLUTION/ REMEDIAL ACTION TAKEN |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Contractor Name:_____

Certified By _____ Title _____

Name

_____ Date _____

Signature

# Landfill Gas Systems Support Services

Solicitation No. 10090245-25-R







## Part 1 - Tabs A, B, and C

**OP070084.25 | July 8, 2025**

Submitted to:
City of San Diego
Purchasing & Contracting Department
1200 Third Avenue, Suite 200
San Diego, CA 92101
619-236-5923


SCS ENGINEERS

8799 Balboa Avenue, Suite 290
San Diego, CA 92123
858-571-5500

July 8, 2025
File No. 0P070084.25

Rene Lelevier, Senior Procurement Contracting Officer
City of San Diego
Purchasing & Contracting Department
1200 Third Avenue, Suite 200
San Diego, CA 92101

Subject: SCS Engineers' Proposal for Landfill Gas System Support Services

Dear Rene:

The City of San Diego's Environmental Services Department is charged with protecting public health and the city's environment by operating and maintaining two of its inactive landfill sites—Arizona Street Landfill and South Chollas Landfill. Both sites have landfill gas control and collection systems that must be operated and maintained to comply with all current federal, state, and local rules and regulations.

As one of City's long-term engineering partners for solid waste and Landfill Operation, Monitoring, and Maintenance (OM&M) efforts, **no one better understands the significance of the City's charge than SCS Engineers—the firm that has been working on these landfill sites for over a decade!** SCS seeks to continue providing support to the City for the requested scope of services as stated in the City's Request *for Solicitation No. 10090245-25-R for Landfill Gas Systems and Support Services and Addenda A, dated 06/30/2025, and Addenda B, dated 7/7/2025*.

Over the term of our existing contract with the City, we learned a number of lessons that are driving our approach to building our team and our approach to work presented here. Our team is confident that our proposal supports and augments the City's overall environmental and site-specific goals. We look forward to continuing to support the City with the routine, and non-routine/emergency services required at the Arizona Street and South Chollas landfill sites.

Sincerely,



Brian P. Duffy
Vice President/Project Director
SCS Engineers

BPD/dv

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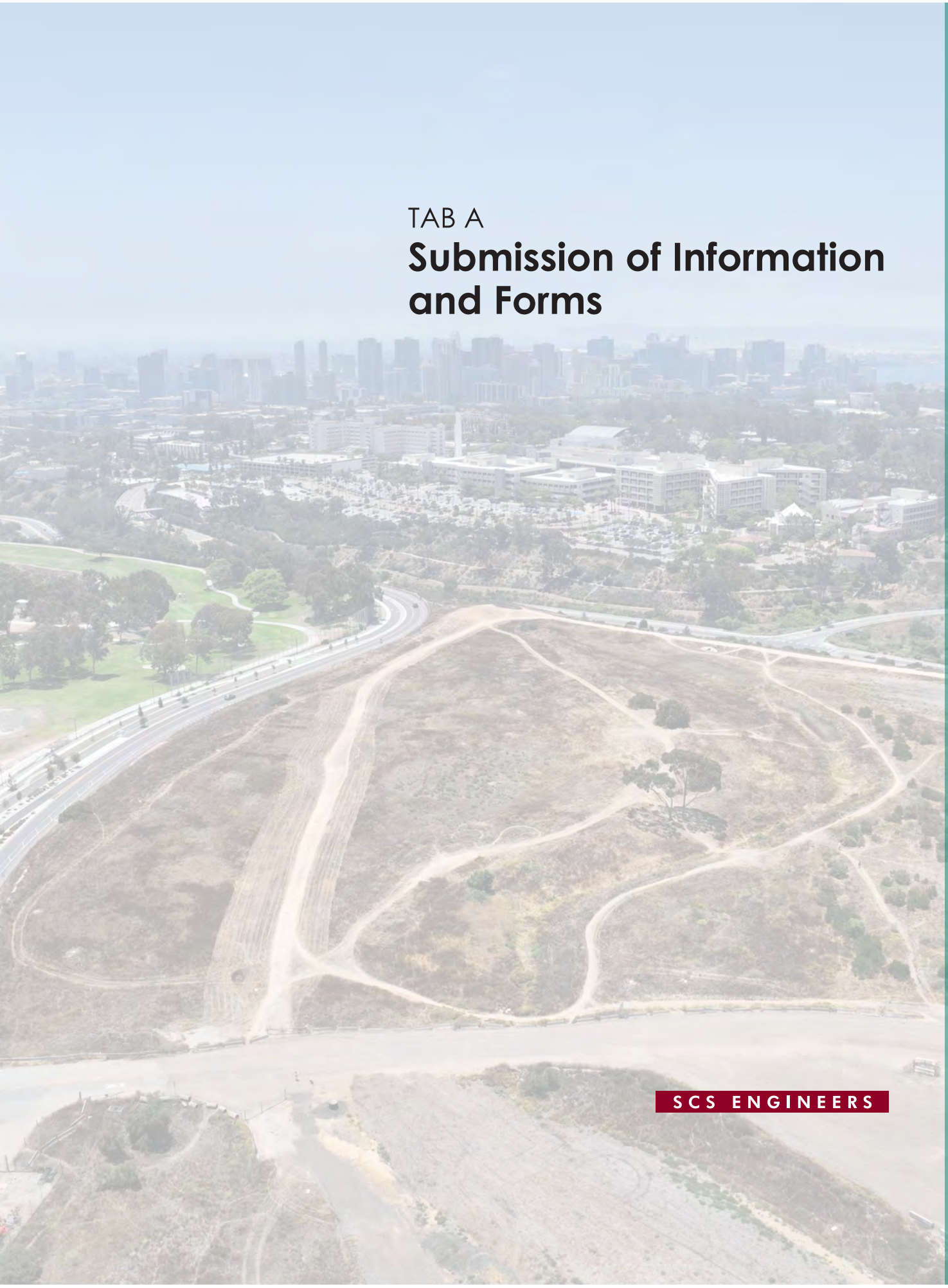
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TAB A

# Submission of Information and Forms

SCS ENGINEERS

# TAB A. SUBMISSION OF INFORMATION AND FORMS

*Completed and signed required forms are provided on the following pages.*

**5.5 Public Agencies.** Other public agencies, as defined by California Government Code section 6500, may choose to use the terms of this Contract, subject to Contractor's acceptance. The City is not liable or responsible for any obligations related to a subsequent Contract between Contractor and another public agency.

IN WITNESS WHEREOF, this Contract is executed by City and Contractor acting by and through their authorized officers.

CONTRACTOR

Stearns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Engineers
Contractor

8799 Balboa Avenue, Suite 290
Street Address

San Diego, CA 92123
City

858-571-5500
Telephone No.

bduffy@scsengineers.com
E-Mail

BY:
Signature of Contractor's Authorized Representative

Brian P. Duffy
Print Name

Vice President, Project Director
Title

07/08/2025
Date

CITY OF SAN DIEGO
A Municipal Corporation

BY:

_____

Print Name:

_____
Director, Purchasing & Contracting Department

_____
Date Signed

Approved as to form this _____ day of

_____, 20_____.
HEATHER FERBERT, City Attorney

BY:_____
Deputy City Attorney

# EXCEPTIONS TO THE CONTRACT

SCS has thoroughly and carefully reviewed the City's *General Contract Terms and Provisions for Goods, Services, and Consultant Contracts*. We respectfully request discussion of the following terms of the agreement. To clarify our understanding and to highlight our questions, we submit redlined pages with our suggestions and questions. We have a long history working with the City of San Diego and anticipate no issues working through the contract terms and provisions.

**Section 5.5.1 (Delays and Extensions).** SCS requests the phrase "include but are not limited to" be inserted after the word "delay" in line five of the paragraph, and the word "epidemic or pandemic;" be inserted after the phrase "equipment or labor" in line 7 of the paragraph.

**Section 6.1, 6.2.** This section provides that ownership of Deliverable Materials and related IP rights vests with City immediately upon creation. The section very broadly defines Deliverable Material so that it is not clear what is covered. While Section 6.3 provides that SCS retains all rights in pre-existing works or other works that are not "Deliverable Materials," SCS would like to clarify that title and IP rights to any works developed under the Contract pass to the City as a work for hire upon payment for such Deliverable Materials. We propose clarifying definition of Deliverable and inserting "upon payment" where applicable.

**Section 7.1** Indemnification. SCS requests that the obligation to indemnify the City be modified/clarified consistent with Ca. Civ. Code Section 2782 that clarifies the duty to indemnify and defend as it relates to general lability versus professional liability resulting from services provided in the course of the agreement. SCS requests that indemnify be modified/clarified by (a) inserting the phrase "any negligent act, error or omission or willful misconduct of Contractor or its employees, agents or contractors in connection with," after the words "in whole or in part," on line 9 of the paragraph, and (b) inserting "subject to Ca. Civ. Code Section 2782," after the word "harmless" in line 12 of the paragraph.

**7.2.5.2 Primary Coverage.** For any claims related to this contract, Contractor's insurance coverage, other than Professional Liability, shall be primary coverage at least as broad as ISO CG 20 01 04 13 as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by City, its officers, officials, employees, or volunteers shall be excess of Contractor's insurance and shall not contribute with it.

**Section 12.1** Mandatory Assistance. City requires consultant to assist in any third party litigation that relates to contractor's services, including providing professional consultations, attending mediations, arbitrations, depositions, trials, and any event related to dispute resolution or litigation. The section provides that the Contractor shall be paid for such assistance, however, if it determined that all or any portion of the fees are attributable to the acts or omissions of contractor, then Contractor must reimburse for all fees paid. This clause is confusing - how will fees for assisting the City in an action be found caused by failure of the contractor? SCS requests this section be modified such that if it is determined in the proceeding that Contractor's acts or omissions caused, in whole or in the part, the alleged third party damages, then the fees paid to SCS shall be reimbursed in an amount proportionate to damage determined to be caused by Contractor in such proceeding.

The following are redlined pages with SCS's comments to the City's *General Contract*.

**EXHIBIT D**

**WAGE REQUIREMENTS: SERVICE AND MAINTENANCE CONTRACTS EXECUTED ON OR AFTER JANUARY 1, 2015**

By signing this Contract, Bidder certifies that he or she is aware of the wage provisions described herein and shall comply with such provisions before commencing services.

**A. PREVAILING WAGES.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding $25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding $15,000, Bidder and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below. This requirement is in addition to the requirement to pay Living Wage pursuant to San Diego Municipal Code Chapter 2, Article 2, Division 42. Bidder must determine which per diem rate is highest for each classification of work (i.e. Prevailing Wage Rate or Living Wage Rate), and pay the highest of the two rates to their employees. Living Wage applies to workers who are not subject to Prevailing Wage Rates.

**1. Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, Bidder and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

**1.1.** Copies of such prevailing rate of per diem wages are on file at the City of San Diego's Equal Opportunity Contracting Department and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm. Bidder and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

**1.2.** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date

of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

**2. Penalties for Violations.** Bidder and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.

**3. Payroll Records.** Bidder and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Bidder shall require its subcontractors to also comply with section 1776. Bidder and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Bidder is responsible for ensuring its subcontractors submit certified payroll records to the City. Bidder and its subcontractors shall also furnish the records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required in Labor Code section 1771.4.

**4. Apprentices.** Bidder and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Bidder shall be held responsible for their compliance as well as the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

**5. Working Hours.** Bidder and its subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of $25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections1810 through 1815.

**6. Required Provisions for Subcontracts.** Bidder shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.

**7. Labor Code Section 1861 Certification.** Bidder in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Bidder certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."

**8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when

payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. A Bidder or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or enter into any contract for public work, as defined in this chapter of the Labor Code unless currently registered and qualified to perform the work pursuant to Section 1725.5. In accordance with Labor Code section 1771.1(a), "[i]t is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

**9.1.** A Bidder's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in a response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered contractor pursuant to Public Contract Code section 4107.

**9.2.** A Contract entered into with any Bidder or subcontractor in violation of Labor Code section 1771.1(a) shall be subject to cancellation, provided that a Contract for public work shall not be unlawful, void, or voidable solely due to the failure of the awarding body, Bidder, or any subcontractor to comply with the requirements of section 1725.5 of this section.

**9.3.** By submitting a bid or proposal to the City, Bidder is certifying that he or she has verified that all subcontractors used on this public works project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Bidder shall provide proof of registration for themselves and all listed subcontractors to the City at the time of bid or proposal due date or upon request.

**10. Stop Order**. For Bidder or its subcontractor(s) engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered Bidder or unregistered subcontractor(s) on ALL public works until the unregistered Bidder or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.

**11. List of all Subcontractors**. The City may ask Bidder for the most current list of subcontractors (regardless of tier), along with their DIR registration numbers,

utilized on this contract at any time during performance of this contract, and Bidder shall provide the list within ten (10) working days of the City's request. Additionally, Bidder shall provide the City with a complete list of all subcontractors utilized on this contract (regardless of tier), within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Bidder until at least 30 days after this information is provided to the City.

**12. Exemptions for Small Projects**. There are limited exemptions for installation, alteration, demolition, or repair work done on projects of $25,000 or less. The Bidder shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

**12.1.** Registration. The Bidder will not be required to register with the DIR for small projects. (Labor Code section 1771.1).

**12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Bidder will need to keep those records for at least three years following the completion of the contract. (Labor Code section 1771.4).

**12.3.** List of all Subcontractors. The Bidder shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 11 above. (Labor Code section 1773.3).

**B. Living Wages.** This Contract is subject to the City's Living Wage Ordinance (LWO), codified in San Diego Municipal Code Chapter 2, Article 2, Division 42. Bidder agrees to require all of its subcontractors, sublessees, and concessionaires subject to the LWO to comply with the LWO and all applicable regulations and rules.

**1. Payment of Living Wages**. Pursuant to San Diego Municipal Code section 22.4220(a), Bidder and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the required minimum hourly wage rates and health benefits rate unless an exemption applies.

**1.1** Copies of such living wage rates are available on the City website at https://www.sandiego.gov/purchasing/programs/livingwage/. Bidder and its subcontractors shall post a notice informing workers of their rights at each job site or a site frequently accessed by covered employees in a prominent and accessible place in accordance with San Diego Municipal Code section 22.4225(e).

**1.2** LWO wage and health benefit rates are adjusted annually in accordance with San Diego Municipal Code section 22.4220(b) to reflect the Consumer Price Index. Service contracts, financial assistance agreements, and City facilities agreements must include this upward adjustment of wage rates to covered employees on July 1 of each year.

**2. Compensated Leave.** Pursuant to San Diego Municipal Code section 22.4220(c), Bidder and its subcontractors shall provide a minimum of eighty (80)

hours per year of compensated leave. Part-time employees must accrue compensated leave at a rate proportional to full-time employees.

**3.** **Uncompensated Leave.** Bidder and its subcontractors must also permit workers to take a minimum of eighty (80) hours of uncompensated leave per year to be used for the illness of the worker or a member of his or her immediate family when the worker has exhausted all accrued compensated leave.

**4.** **Enforcement and Remedies**. City will take any one or more of the actions listed in San Diego Municipal Code section 22.4230 should Bidder or its subcontractors are found to be in violation of any of the provisions of the LWO.

**5**. **Payroll Records.** Bidder and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Bidder is responsible for ensuring its subcontractors submit certified payroll records to the City.

**5.1** For contracts subject to both living wage and prevailing wage requirements, only one submittal will be required. Submittals by a Bidder and all subcontractors must comply with both ordinance requirements.

**6**. **Certification of Compliance**. San Diego Municipal Code section 22.4225 requires each Bidder to fill out and file a living wage certification with the Living Wage Program Manager within thirty (30) days of Award of the Contract.

**7**. **Annual Compliance Report**. Bidder and its subcontractors must file an annual report documenting compliance with the LWO pursuant to San Diego Municipal Code section 22.4225(d). Records documenting compliance must be maintained for a minimum of three (3) years after the City's final payment on the service contract or agreement.

**8.** **Exemption from Living Wage Ordinance.** Pursuant to San Diego Municipal Code section 22.4215, this Contract may be exempt from the LWO. For a determination on this exemption, Bidder must complete the Living Wage Ordinance Application for Exemption.

**C.** **Highest Wage Rate Applies.** Bidder is required to pay the highest applicable wage rate where more than one wage rate applies.

The *Contractor Standards Pledge of Compliance Form for the Prime, SCS Engineers, and its Subcontractors, is provided on the following pages. We have also included information on the qualifications and previous experience of the subcontractors here.*

June 26, 2025

**CONFIDENTIAL**

**MEMORANDUM**

**TO:** City of San Diego, CA

**FROM:** Stearns, Conrad and Schmidt, Consulting Engineers, Inc.

**SUBJECT:** Pending Litigation Disclosure

SCS has been in business for over 55 years. We have offices throughout the United States and other parts of the World. SCS stands behind its work. Occasionally, an organization with our scope and size has been involved in litigation. None of the matters has been or are material to our operations or limit in any way our ability to perform the work proposed.

| | |
|---|---|
| Lawsuit Name | Three current SCS Employees v. Stearns, Conrad and Schmidt, Consulting Engineers, Inc. |
| Case Number | 25LBCV00970 |
| Date of Lawsuit | March 21, 2025 |
| County/State Files | Superior Court County of Los Angeles, CA |
| Parties Involved: | Three current SCS Employees; Stearns, Conrad and Schmidt, Consulting Engineers, Inc. |
| Claim: | Unpaid Wages |
| Status: | Pending |

| | |
|---|---|
| Lawsuit Name | Scott Benjamin Siegal; Thomas Lee Tate; Isabell Dorores Palomino; Rufino Juarez; Brad Kenneth Becker; et al. v. Chiquita Canyon, LLC; Chiquita Canyon, Inc.; Waste Connections US, Inc.; Ameresco Chiquita Canyon Energy, LLC; Stearns, Conrad and Schmidt, Consulting Engineers, Inc.; Ultrasystems Environmental, Inc. |
| Case Number | 24STCV17748 |
| Date of Lawsuit | July 15, 2024 |
| County/State Files | Superior Court of the State of California for the County of Los Angeles |
| Parties Involved: | 224 Individual plaintiff residents; Chiquita Canyon, LLC; Chiquita Canyon, Inc.; Waste Connections US, Inc.; Ameresco Chiquita Canyon Energy, LLC; Stearns, Conrad and Schmidt, Consulting Engineers, Inc.; Ultrasystems Environmental, Inc. |
| Claim: | Individual plaintiff residents seeking damages for exposure to and loss of enjoyment and diminution in value of their property alleged to be caused by noxious fumes, liquids and odors emitting from the Chiquita Canyon |
| Status: | Pending |

**CONFIDENTIAL**

| | |
|---|---|
| Lawsuit Name | Former SCS Employee v. Stearns, Conrad and Schmidt, Consulting Engineers, Inc. |
| Case Number | 24STCV02361 |
| Date of Lawsuit | January 30, 2024 |
| County/State Files | Superior Court County of Los Angeles, CA |
| Parties Involved: | Former SCS Employee; Stearns, Conrad and Schmidt, Consulting Engineers, Inc. |
| Claim: | Unpaid Wages |
| Status: | Pending |

| | |
|---|---|
| Lawsuit Name | Morse Electric, Inc. v. Stearns, Conrad and Schmidt, Consulting Engineers, Inc. & Pine Band RNG, LLC |
| Case Number | 6:22-CV-00091-KEW |
| Date of Lawsuit | April 4, 2022 |
| County/State Filed | United States District Court for the Eastern District of Oklahoma |
| Parties Involved: | SCS Engineers, Morse Electric, Inc., Pine Bend RBG, LLC |
| Claim: | Breach of Contract |
| Status: | Pending |

| | |
|---|---|
| Lawsuit Name | Yvette Styles et al v. City of Miami, SCS Engineers |
| Case Number | 2017-022967-CA-01 |
| Date of Lawsuit | September 27, 2017 |
| County/State Files | In the Circuit Court of the Eleventh Judicial Circuit in and for Miami Dade County, FL |
| Parties Involved: | Yvette Styles, City of Miami, SCS Engineers |
| Claim: | Suit against the City for health effects of an incinerator closed in 1970, (before SCS was started), and against SCS for unspecified negligence as a result of services provided to the City decades later. |
| Status: | Pending |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: AtmAA, Inc.

Address: 5107 Douglas Fir Rd., Calabasas CA 91302

Contact Name: Brian Fung Phone: (818) 223-3277 Email: brianf@atmaa.com

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Analytical Laboratory Services

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply): ☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE ☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply): ☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE ☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

By signing and submitting this form, the Contractor certifies that all required equipment included in this bid or proposal will be made available one week (7 days) before work shall commence. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San

# Request for Information

## County of San Diego Request for As-Needed Engineering and Consulting Services

The County of San Diego (County) issued a Request for Statement of Qualifications (RFSQ) to see qualified consultants to provide professional engineering and consulting services for the Department of Public Works (DPW), Closed Landfills Section on an as-needed basis for non-routine services at closed solid waste sites (County maintained closed/inactive landfills, burn sites, and offsite properties) for asset/infrastructure management, maintenance and to ensure compliance with all Federal, State and local rules and regulations.

DEADLINE – **(or sooner)**

**SEND REQUESTED INFO TO –**

For technical questions related to the RFP, please contact: **Brian Duffy** (bduffy@scsengineers.com).

| Requested Info | Respondent Answer | Required Format |
|---|---|---|
| **1. Full Firm Name** | AtmAA, Inc. | Table |
| **2. Main Location Address** | 5107 Douglas Fir Rd., Calabasas CA 91302 | Table |
| **3. Main Point of Contact** (Name, Title, Email, Phone) | Brian Fung, Laboratory Director<br>brianf@atmaa.com | Table |
| **4. Scope of Work** (Describe role/tasks to be performed.) | Analytical Laboratory Services according to specific SCAQMD, ASTM, & EPA Methods | Table |
| **5. List of Team Member(s)** (Include Names, Roles, and a copy of Resume **for each**) | Brian Fung, Laboratory Director<br>Leon Levan, Officer Quality Assurance<br>Joe Lusker, Operations Manager<br>Michael S. Porter, Lead Technician | Table + Attach Resumes for Each |
| **6. Firm Qualifications** (Provide an overview of experience that supports your firm's ability to perform the selected tasks.<br>Include project descriptions completed of similar scope.<br>Include list of projects worked on with SCS Engineers.) | AtmAA, Inc. is a private and independent commercial environmental laboratory formed in 1988 and is located in Calabasas, CA. AtmAA provides environmental laboratory services related to air quality monitoring, source test sampling, permitting, and compliance according to SCAQMD, ASTM and EPA Methods. | Attach Write-Ups as Needed |
| **7. Licenses and Registrations** (Attach a copy of any relevant licenses and registrations for each proposed team member and the firm – including but not limited to: contractor's license, Disabled Veteran Owned Business, Small Business, Veteran Owned Business, etc.) | | Attach as Needed |

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

June 25, 2025 LTR/10090245-25-R/2025

Mr. Brian Duffy, MOLO
Project Director
SCS Engineers
8799 Balboa Avenue
San Diego, CA 92123

**Subject: City of San Diego / South Chollas & Arizona Street Landfills**

Dear Mr. Duffy,

AtmAA, Inc. wishes to be included as part of SCS's team for the subject opportunity and we are committed to assisting in the development of SCS's proposal. If a contract is awarded and if requested, we are committed to supporting the pursuit of, and execution of, any relevant Task Order Solicitations or otherwise identified tasks that may arise from the contract that align with our experience and expertise.

Sincerely,

Joe Lusker
Operations Manager
AtmAA, Inc.
Joe@atmaa.com
818.223.3277

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

## Company Description

AtmAA, Inc. is a private and independent commercial environmental laboratory formed in 1988 located in Calabasas, California. AtmAA provides environmental laboratory services related to air quality monitoring, source test sampling, permitting, and compliance. AtmAA delivers high quality, specialized, analytical services according to SCAQMD, CARB, ASTM, and EPA methodologies and is supported by skilled and dedicated professionals in air measurement.

AtmAA, Inc. located in an industrial building complex occupying approximately 4,000 sq. ft. devoted to the laboratory, offices, machine shop, and warehouse. AtmAA, Inc. provides sampling equipment with a large inventory of 2L and 6L SUMMA Canisters/Silonite Canisters and flow controllers, gauges, and probes. AtmAA possesses a full range of customized and state-of-the-art analytical laboratory equipment which includes a variety of gas chromatographs and GC/MS instruments to provide services related to air quality measurement, permitting, and monitoring programs.

Our mission is to provide and deliver an unsurpassed degree of service and quality through dedication, commitment, and innovation in a timely and cost-effective manner.

## Key Personnel

Brian Fung,
Laboratory Director
30+ years

Joe Lusker,
Operations Manager
20+ years

Michael S. Porter, Lead Technician
Analytical Services
30+ years

Leon Levan, Senior Chemist
Officer Quality Assurance
18+ years

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

**Legal Name, Corporate Name:**

AtmAA, Inc.
5107 Douglas Fir Rd.,
Calabasas, CA 91302

PH (818) 223-3277
Website: atmaa.com

**California Corporation Number:**

C1485922

**Primary Point of Contact:**

Joe Lusker
AtmAA, Inc.
5107 Douglas Fir Rd.,
Calabasas, CA 91302
joe@atmaa.com

(818) 223-3277
Atmaa.com
brianf@atmaa.com

# BRIAN FUNG

**PROFFESSIONAL HISTORY**

- AtmAA, Inc.
- Atmosphere Assessment Associates

**EDUCATION**

B.S., Molecular Biology, California State University Northridge

**PROFESSIONAL EXPERIENCE**

Mr. Fung has over 30 years' experience that includes:

- Laboratory Director
- Operations Manager
- Laboratory Technician & Analyst

**REPRESENTATIVE PROJECT EXPERIENCE**

Brian Fung has served as a Laboratory Technician, Operations Manager, and Laboratory Director in the environmental field. Brian has vast experience with the testing of volatile organics in air samples using GC/MS, ECD, FID, and SCD chromatography instrumentation for SCAQMD and EPA methods primarily in ambient air, integrated surface, probe, and well samples from landfills. He has over 10 years' experience in business operations.

(818) 223-3277
Atmaa.com
leon@atmaa.com

# LEON LEVAN

## PROFFESSIONAL HISTORY

- AtmAA, Inc.
- Apollo Analytics
- Analytical Technologies, Inc.
- ABB Environmental, Inc.

## EDUCATION

M.S., Chemistry, California State University Long Beach

B.S., Chemistry, California State University Long Beach

## PROFESSIONAL EXPERIENCE

Mr. Levan has over 30 years' experience that includes:

- Senior Chemist
- QA/QC Officer
- Project Manager
- Laboratory Technician
- Method Development for GC Mass Spectrometry
- Independent Research in Air Toxics
- Business Owner

## REPRESENTATIVE PROJECT EXPERIENCE

Mr. Levan managed numerous special analytical services contracts from EPA/VIAR & company, which involved air toxic monitoring at Superfund site. He served as Project Manager of the Quantitative Organic Analytical Services for EPA/EMSL Cincinnati, to conduct EPA 500 series for ABB Environmental Services, Inc. He has managed and served as principal investigator on various studies for both commercial and government clients. He also functioned as a laboratory manager for two analytical chemistry laboratories employing over 45 professionals.

(818) 223-3277
Atmaa.com
joe@atmaa.com

# JOE LUSKER

**PROFFESSIONAL HISTORY**

- AtmAA, Inc.
- Card Service International
- Smart & Friendly
- Pinnacle Micro

**EDUCATION**

A.A., Business, Saddleback College, Mission Viejo

A.A., California State University, Fullerton

**PROFESSIONAL EXPERIENCE**

Mr. Lusker over 20 years' experience that includes:

- Laboratory Operations Manager
- Laboratory Technician
- Specific Method Sampling, Equipment Building & Maintenance
- Management & Collections
- Development & HR
- Business Owner

**REPRESENTATIVE PROJECT EXPERIENCE**

Mr. Lusker has served as a Laboratory Technician and Business Owner. His environmental laboratory experience includes SCAQMD, ASTM, and EPA methods using TCD, FID, and ECD chromatography instrumentation in various air sources such as ambient, landfill gas, inlet/outlet probes, well, and gas collection systems. He maintains and builds sampling equipment for specific SCAQMD Methods. He has experience managing and marketing small business ventures outside of the environmental field.

(818) 223-3277
Atmaa.com
mike@atmaa.com

# MICHAEL S. PORTER

**PROFFESSIONAL HISTORY**

- AtmAA, Inc.
- U.S. Army, Veteran, Airborne Ranger
- First Interstate Mortgage
- AVON

**EDUCATION**

A.A., Los Angeles Pierce College, Woodland Hills, CA

**PROFESSIONAL EXPERIENCE**

Mr. Porter has over 30 years' experience that includes:

- Laboratory Technician
- Project Manager
- Quality Assurance / Quality Control
- Specific Method Sampling, Equipment Building & Maintenance
- Business Owner

**REPRESENTATIVE PROJECT EXPERIENCE**

Mr. Porter has served as a Laboratory Technician, Project Manager, and Business Owner. He has several years of environmental laboratory experience using SCAQMD methods using FID/TCA and TCD chromatography instrumentation in various air sources such as ambient, landfill gas, inlet/outlet probes, wells, and gas collection systems. He maintains and builds sampling equipment for specific SCAQMD Methods. He is a Veteran of Foreign War.

## Overview

AtmAA, Inc. is a specific method enviromental analytical laboratory that has supported Engineering, Waste Management, Compliance Firms, and Government Agencies with projects in the environmental industry for over 30 years.

## Analysis Description

| | |
|---|---|
| SCAQMD Rule 1150.1 Components by GC/MS | Rule 1150.1 |
| TO-15 Components by GC/MS | EPA TO-15 |
| TO-14 Components by GC/MS | EPA TO-14 |
| Fixed Gases, O2, CO2, CH4, & N2 by TCD/GC | ASTM 1945/46 |
| Fixed Gases, O2, CO2, CH4, & N2 by TCD/GC Modified 3C | EPA 3C (Mod) |
| Fixed Gases, O2, CO2, CH4, & N2 by TCD/GC, (repeat analysis) | EPA 3C |
| Methane & Carbon Dioxide, by TCD/GC | EPA 3C |
| Carbon Dioxide & Oxygen, by TCD/GC | EPA 3C |
| Hydrocarbon Speciation by carbon grouping C1-C14 by FID/TCA | Method 18 |
| CH4, CO2, O2, N2, Hydrocarbon Speciation C1-C14 for BTU by TCD/FID/GC, F (factor) & CHONS by TCD/FID/GC | ASTM 1946/3588 |
| CH4 & Total Non-Methane Hydrocarbons, TGNMO by FID/TCA | EPA M25C |
| Total Non-Methane Hydrocarbons, TGNMO by FID/TCA (LFG)(TOC) | EPA M25C |
| Total Non-Methane Hydrocarbons, TGNMO & Fixed Gases 3C by FID/TCA/TCD | EPA M25C Tier II |
| Siloxanes by GC/MS | EPA TO-15 |
| CO by FID/TCA in Tedlar bag | EPA M25 |
| CO by USEPA ALT-144 by FID/TCA in SUMMA canister | EPA M25 |
| BTEX, benzene, toulene, ethylbenzene, xylenes by GC/MS | EPA TO-15 |
| H2S & total reduced sulfur compounds by GC/MS | SCAQMD 307.91 |
| H2S by SCD/GC | ASTM D5504 |
| | SCAQMD 307.91 |
| Benzene by GC/MS | ASTM D5504 |
| Carbon Dioxide by TCD/GC | EPA TO-15 |
| Hydrogen TCD/GC | ASTM 1946/46 |
| | ASTM 1945/46 |
| **M25.1 Tank/Trap** | SCAQMD M25.1 |
| Analysis of Method 25.1 tank for CO,CO2,CH4,TGNMO by FID/TCA | |
| Analysis of Trap for CO2 in ICV by FID/TCA & Trap Condensate Burn by NDIR | |

## Project with SCS Engineers

AtmAA, Inc. has provided project support with SCS Engineers for various sites in the Southern California, Northern California, San Diego, Northeast and Atlantic Regions for 30 years. Various project description are listed below.

**Analysis Description:**

Tier II by FID/TCA/TCD
Total Non-Methane Hydrocarbons, TGNMO & Fixed Gases 3C

**Project Site:**

Fink Road Landfill
Great Oak Landfill
Cedar Ridge Landfill
Billy Wright Landfill
Summit Landfill
Palo Alto Landfill
Sullivan County Landfill

**Analysis Description:**

ASTM 1946/3588
H2S & total reduced sulfur compounds by GC/MS D5504
Siloxanes by GC/MS TO-15

**Project Site:**

Blue Plains BioGas

**Analysis Description:**

TGNMO CH4 by FID/TCA EPA M25C
SCAQMD 307.91 H2S & TRS
TO-15 Components by GC/MS
SCAQMD Rule 1150.1 Components by GC/MS
ASTM 1946/3588
Siloxanes by GC/MS TO-15
ASTM 1945/46, Hydrogen
EPA M25 CO
Fixed Gases, O2, CO2, CH4, & N2 by TCD/GC

**Project Site:**

Chiquita Canyon Landfill
Palomar Landfill
Mountain Gate
Sunshine Canyon Landfill
APEX
SWRL
Ontario
San Bernardino
Sunrise Landfill
Potrero Landfill
Bethlehem Landfill

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

October 17, 2024

Mr. Brian W. Fung
AtmAA, Inc.
23917 Craftsman Road
Calabasas, CA 91302

Subject: LAP Approval Notice
Reference # 94LA0405

Dear Mr. Fung:

We completed our review of the renewal application you submitted for approval under the South Coast Air Quality Management District's Laboratory Approval Program (LAP). We are pleased to inform you that your firm is approved for the period beginning October 31, 2024, and ending October 31, 2025 for the following methods:

South Coast AQMD Method 307-91
South Coast AQMD Method 25.1 (Analysis)
South Coast AQMD Method 25.3 (Analysis)

Thank you for participating in the LAP. Your cooperation helps us to achieve the goal of the LAP: to maintain high standards of quality in the sampling and analysis of source emissions. You may direct any questions or information to LAP Coordinator, Colin Eckerle. He may be reached by telephone at (909) 396-2476, or via e-mail at ceckerle@aqmd.gov.

Sincerely,

D. Sarkar

Dipankar Sarkar
Program Supervisor
Source Test Engineering

DS:CE

241017 LapRenewal.doc

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: CriticalPath Environmental Services, Inc. dba BlueScape Environmental

Address: 16870 W Bernardo Drive, Ste 400, San Diego, CA 92127

Contact Name: James A. Westbrook Phone: (858) 774-2009 Email: jwestbrook@bluescapeinc.com

Contractor License No.: N/A DIR Registration No.: N/A

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Exhibit B 7b - Monthly operation and maintenance reports

Identify whether company is a subcontractor or supplier: Subcontractor

Certification type (check all that apply):☐DBE ☐DVBE ☑ELBE ☐MBE ☑SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

By signing and submitting this form, the Contractor certifies that all required equipment included in this bid or proposal will be made available one week (7 days) before work shall commence. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San

Printed on: 6/11/2025 2:59:47 PM

To verify most current certification status go to: https://www.caleprocure.ca.gov

# Office of Small Business & DVBE Services

**Certification ID:** 1747287

**Legal Business Name:**
CRITICALPATH ENVIRONMENTAL SERVICES, INC.

**Doing Business As (DBA) Name 1:**
BLUESCAPE ENVIRONMENTAL

**Doing Business As (DBA) Name 2:**

**Address:**
16870 W. BERNARDO DRIVE, SUITE 400
SAN DIEGO
CA 92127

**Email Address:**
jwestbrook@bluescapeinc.com

**Business Web Page:**

**Business Phone Number:**
858/695-9200

**Business Fax Number:**
858/461-0323

**Business Types:**
Service

| Certification Type | Status | From | To |
|---|---|---|---|
| SB(Micro) | Approved | 06/11/2025 | 06/30/2027 |

Stay informed! KEEP YOUR CERTIFICATION PROFILE UPDATED!
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Questions?
Email: OSDSHELP@DGS.CA.GOV
Call OSDS Main Number: 916-375-4940
707 3rd Street, 1-400, West Sacramento, CA 95605

*City of San Diego*

# Small Local Business Enterprise (SLBE) Program Certification

CriticalPath Environmental Services, Inc. DBA BlueScape Environment

**Small Local Business Enterprise (SLBE)**

***General Services***

**(NAICS: 92127)**

Certification Number: 11BS0449

***Effective: 3/8/2024 - 3/8/2026***

Christian Silva
Program Manager
Equal Opportunity Contracting

**Subcontractor Name:** CriticalPath Environmental Services, Inc. dba BlueScape Environmental

## Brief Statement of Qualifications:

Since 1997, BlueScape Environmental has provided exceptional customer service throughout California and across the continental United States. BlueScape's area of expertise is in the air quality arena, and we have conducted many projects under the jurisdiction of the San Diego Air Pollution Control District (SDAPCD). Our knowledgeable team of environmental engineers and scientists apply regulatory analysis, engineering calculation, atmospheric dispersion modeling, emissions inventory, and health risk assessment techniques to assist clients in solving air quality and environmental problems. BlueScape brings unique capabilities in air emissions modeling and health risk assessments. We have technical leadership and extensive hands-on experience in the use of current engineering, emissions modeling, and dispersion modeling tools required to complete the technical studies for CEQA/NEPA reporting and Coastal Commission review. We also have specific experience preparing Air Quality Technical Reports and GHG emissions modeling and reporting for CEQA/NEPA documents.

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | James A. Westbrook, President<br>858-774-2009<br>jwestbrook@bluescapeinc.com |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| Project Owner/Client Name | Project Owner: City of San Diego, Public Utilities Department<br>(Wendy L. Johnson)<br><br>Client Name/Prime: SCS Engineers (via subcontract)<br>(Gabrielle Stephens) |
| Project Site(s) | 2021 AB 2588 Health Risk Assessment Consulting/Updates on Three (3) City of San Diego Facilities:<br>• Miramar Landfill;<br>• North City Water Reclamation Plant (NCWRP); and<br>• Metropolitan Biosolids Center (MBC) |
| Service Dates | 2023 to 2024 |

| | |
|---|---|
| Project Owner/Client | Project Owner: City of San Diego, Environmental Services Department, City of San Diego Public Utilities Department<br><br>Client Name/Prime: SCS Engineers (via subcontract) (Tom Rappolt) |
| Project Site(s) | CALPUFF Air Dispersion Modeling Study for Odor Releases from City of San Diego's Miramar Landfill |
| Service Dates | 2018 to 2020 |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: Eurofins Environment Testing Southwest, LLC.

Address: 2841 Dow Ave, Suite 100 Tustin CA 92780

Contact Name: Steven Gonzales Phone: (714) 895-5494 Email: Steven.Gonzales@ET.EurofinsUS.com

Contractor License No.: _____ DIR Registration No.: 100005872

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Environmental testing services

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☑Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

By signing and submitting this form, the Contractor certifies that all required equipment included in this bid or proposal will be made available one week (7 days) before work shall commence. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San

## Subcontractor Name:

## Brief Statement of Qualifications:

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | **Eurofins Environment Testing Southwest**<br>**Erick Ovalle**<br>**Project Manager**<br>**657-210-6331**<br>**Erick.ovalle@et.eurofinsus.com** |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | Miramar Landfill |
| **Service Dates** | 2020 - present |
| **Project Owner/Client** | City of Glendale / LA County Sanitation District<br>Glendale, CA 91206 |
| **Project Site(s)** | Scholl Canyon Landfill |
| **Service Dates** | 2022 - present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: Frank's Industrial Services, Inc.

Address: 1426 259th St., Harbor City, CA 90710

Contact Name: Sean Sedillo Phone: (310) 629-5112 Email: sgsedillo@yahoo.com

Contractor License No.: 700250 DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Electrical construction, PLC programming

Identify whether company is a subcontractor or supplier: Subcontractor

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

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## Subcontractor Name: Frank's Industrial Services, Inc.

## Brief Statement of Qualifications: C-10, #700250, Electrical Contractor, UL 508A Control Panel Designer/Fabricator/Programming

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | **Sean Sedillo, President, (310) 629-5112, sgsedillo@yahoo.com** |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | South Chollas and Arizona Street Landfills |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | Republic Services |
| **Project Site(s)** | Sycamore, Otay Landfills |
| **Service Dates** | 2010 to Present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: Hydraulic Controls, Inc.

Address: 610 Reyes Dr. Walnut CA 91789

Contact Name: Ray Baker Phone: (909) 869-7600 Email: rbaker@hydraulic-controls.com

Contractor License No.: NA DIR Registration No.: NA

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Hydraulic System Field Service

Identify whether company is a subcontractor or supplier: Supplier

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☑Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

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**Subcontractor Name: Hydraulic Controls, Inc.**

**Brief Statement of Qualifications: Provider of Fluid Power (Pneumatic and Hydraulic) parts, service and new Power Unit Fabrication. A master distributor for many major manufacturers of Hydraulic parts. A full service repair shop located in Walnut, CA for all repairs including pumps, valves, cylinders and much more. Also included in a field service diagnosis and repair on location for customers.**

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | **Ray Baker, Branch Manager, Walnut – 909-869-7600 – rbaker@hydraulic-controls.com** |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | South Chollas and Arizona Street Landfills |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

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Company Name: IO Environmental & Infrastructure Inc

Address: 2840 Adams Ave, Ste. 301, San Diego, CA 92116

Contact Name: Mike Bilodeau Phone: (619) 280-3278 Email: mikeb@iosdv.com

Contractor License No.: 957419 DIR Registration No.: 1000001765

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: TBD

Identify whether company is a subcontractor or supplier: Subcontractor

Certification type (check all that apply): ☐DBE ☑DVBE ☐ELBE ☐MBE ☑SLBE ☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply): ☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE ☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

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Printed on: 3/18/2024 10:54:32 AM

To verify most current certification status go to: https://www.caleprocure.ca.gov

DGS
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES

# Office of Small Business & DVBE Services

**Certification ID:** 53483

**Legal Business Name:**
IO Environmental and Infrastructure Inc

**Doing Business As (DBA) Name 1:**
IO Environmental & Infrastructure Inc

**Doing Business As (DBA) Name 2:**

**Address:**
2840 ADAMS AVE
STE 301
SAN DIEGO
CA 92116-1405

**Email Address:**
mikeb@iosdv.com

**Business Web Page:**
www.iosdv.com

**Business Phone Number:**
619.280.3278

**Business Fax Number:**
619.677.5648

**Business Types:**
Construction , Service

| Certification Type | Status | From | To |
|---|---|---|---|
| DVBE | Approved | 01/24/2024 | 03/31/2026 |
| SB | Approved | 01/24/2024 | 03/31/2026 |

Stay informed! KEEP YOUR CERTIFICATION PROFILE UPDATED!
-LOG IN at CaleProcure.CA.GOV

Questions?
Email: OSDSHELP@DGS.CA.GOV
Call OSDS Main Number: 916-375-4940
707 3rd Street, 1-400, West Sacramento, CA 95605

*City of San Diego*

# Small Local Business Enterprise (SLBE) Program Certification

## IO Environmental & Infrastructure, Inc.

**Small Local Business Enterprise (SLBE)**

***General Services***

**(NAICS: 561730, 541620, 562910)**

Certification Number: 12IO0637

***Effective: 1/21/2025 - 1/21/2027***

Christian Silva
Program Manager
Equal Opportunity Contracting

## Subcontractor Name: IO Environmental & Infrastructure Inc

**Brief Statement of Qualifications:** **IO Environmental & Infrastructure, Inc. (IOEI) is a certified Service-Disabled Veteran-Owned Small Business (SDVOSB), Disabled Veteran Business Enterprise (DVBE), Small Local Business Enterprise (SLBE), and Small Business (SB) headquartered in San Diego, California. The company offers wide ranging technical expertise in environmental services and civil design-build. IOEI can self-perform critical schedule and high-hazard project elements such as demolition, remediation, removal, earthwork, habitat restoration, and installation of crucial components. We also conduct contaminated site investigations, remedial design, and prepare detailed project plans.**

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | **Dave Martin, Sr. Project Manager, 510-507-5877, davidm@iosdv.com** |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | 10089697-21-B Miramar Landfill Gas Systems Operation and Maintenance Services |
| **Service Dates** | 2020 to Present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |
| **Project Owner/Client** | |
| **Project Site(s)** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: Limited Access Unlimited, Inc dba Pacific Drilling Co

Address: 5220 Anna Ave San Diego CA 92110

Contact Name: Tod Clark Phone: 619-294-3682 Email: tod@pacdrill.com

Contractor License No.: 681380 DIR Registration No.: 1000009159

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Drilling

Identify whether company is a subcontractor or supplier: Subcontractor

Certification type (check all that apply): ☐DBE ☐DVBE ☐ELBE ☐MBE ☑SLBE ☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply): ☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE ☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

By signing and submitting this form, the Contractor certifies that all required equipment included in this bid or proposal will be made available one week (7 days) before work shall commence. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San

*City of San Diego*

# Small Local Business Enterprise (SLBE) Program Certification

Limited Access Unlimited, Inc. DBA Pacific Drilling Co.

**Small Local Business Enterprise (SLBE)**

***Specialty Construction***

**(NAICS: 238910)**

Certification Number: 11LA0268

***Effective: 3/29/2024 - 3/29/2026***

Christian Silva
Program Manager
Equal Opportunity Contracting

**Subcontractor Name: Limited Access Unlimited, Inc dba Pacific Drilling Co**

**Brief Statement of Qualifications: We are a full-service drilling and soil sampling company serving the geotechnical, environmental, engineering and construction communities throughout the Southwestern United States with offices in Southern CA and Utah.**

**Our team of skilled equipment operators and project managers has decades of experience in multiple rotary drilling techniques, CPT and Direct Push utilizing a fleet of technologically advanced truck mounted and limited access drilling rigs.**

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | **Tod Clark, President, 619-294-3682, tod@pacdrill.com** |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | South Chollas and Arizona Street Landfills |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |
| **Project Owner/Client** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: Patriot Environmental Services, Inc.

Address: 1250 23rd Street, Signal Hill, CA 90755

Contact Name: Jason Reed Phone: (562) 244-5599 Email: jreed@patriotenv.com

Contractor License No.: 8099990 DIR Registration No.: 10000392

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: landfill leachate and condensate T&D with vacuum tankers and equipment operators

Identify whether company is a subcontractor or supplier: Subcontractor

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☑Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

By signing and submitting this form, the Contractor certifies that all required equipment included in this bid or proposal will be made available one week (7 days) before work shall commence. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San

**Subcontractor Name: Patriot Environmental Services**

**Brief Statement of Qualifications:**

**Patriot Environmental Services (Patriot) was incorporated in 2002 and strives to be the premier provider of comprehensive environmental services in the western United States. We accomplish this by strictly focusing on safe work performance and environmental compliance, as well as client and employee satisfaction.**

**Patriot is headquartered in Signal Hill, California and currently operates five (5) treatment, storage & disposal facilities (TSDFs) and twelve (15) offices and facilities across the western United States. Staffing resources within the company range from 500-600 people and encompass a wide variety of professional engineering, scientific and construction trade disciplines associated with performing and administrating environmental projects.**

**Patriot San Diego operates a fleet of sixteen 16 vacuum tankers, ranging from 70-120bbl capacity along with personnel and support equipment to handle any environmental response.**

**Patriot can provide emergency response to uncontrolled spills on both land and marine environments. Response services are provided on a 24-hours a day, seven (7) days per week basis. Patriot has a 35-year legacy involving emergency response as well as industrial cleaning, decontamination, pressure-washing, oil field & drill rig services, hydro excavation, environmental remediation, underground construction, demolition, confined space entry/rescue, safety training/consulting, water blasting/jetting and waste management services. Patriot has brought together a team of highly qualified, licensed, and experienced professionals, many with over 20 years' experience in the hazardous materials emergency response field. Patriot emergency response management activities are conducted in accordance with pertinent current professional standards, regulations, and permit conditions. Management personnel are well-versed in physical and**

**chemical assessment, equipment & material management, site security, mitigation, waste management, documentation and reporting requirements.**

**Patriot provides an initial 40-hour training class to all personnel prior to assignment to any field projects involving hazardous materials. The course is designed to meet OSHA 29 CFR 1910.120 and U.S. EPA Orders 1440.2 and 1440.3. Key elements of the class are the evaluation of chemical hazards, selection/maintenance and decontamination of protective clothing, respiratory protection, use and interpretation of results from air monitoring instrumentation, hazards and precautions necessary for working in hot or cold environments, safe working procedures for confined spaces, emergency responses/evacuations, explanation of applicable standard operating procedures and how to interpret a site-specific safety and health plan. Patriot's training regimen includes annual refreshers for HAZWOPER, medical surveillance, respirator fit test, first aid/CPR, blood-borne pathogens, confined space entry/operations, confined space rescue and other specialty courses as required. Some employees receive advanced specialized training, which is project or position specific related inclusive of OSHA hazardous waste supervisor, OSHA competent person (equipment operator, trench/excavation, fall protection, etc.), incident command, OSRO, chlorine response, street chemistry – fentanyl/methamphetamine response, HAZCAT operations, tank truck rollover, rail/tank car specialist, etc.**

**Lastly and most importantly, Patriot has performed the services while staying committed to a safe work environment.**

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | **Jason Reed – Sr. Account Manager**<br>**562-244-5599 / jreed@patriotenv.com** |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | SCS - City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | Miramar Landfill – weekly pumping of leachate and condensate as directed by SCS. Transport and disposal of landfill liquids. |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | SCS - City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | Palomar Landfill. Provide roll off bins and transportation for landfill debris orchestration |
| **Service Dates** | Oct 2024 to Jan 2025 |
| **Project Owner/Client** | SCS - City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | Bonsall Landfill, San Marcos Landfill, and Palomar Landfill – as needed leachate and condensate pumping and transportation |
| **Service Dates** | 2023 to Present |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: Sloan Electric

Address: 3520 Main Street SD CA 92113

Contact Name: Stephen Watson Phone: 619-239-5174 Email: swatson@sloanelectric.com

Contractor License No.: 286497 DIR Registration No.: 1000015019 1

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Electrical + Mechanical Work

Identify whether company is a subcontractor or supplier: Subcontractor

Certification type (check all that apply): ☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE ☐WBE ☒Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply): ☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE ☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

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**Subcontractor Name:** Sloan Electric

**Brief Statement of Qualifications:**
We have worked on many different blowers and motors over the years. We have over 100 year Experience with our shop & field personal. We have been working with SCS for years on similar Jobs.

**Subcontractor Contact (name, title, phone #, email):**
Sloan Electric
Stephen Watson
General manager
619-239-5174
swatson@sloanelectric.com

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | South Chollas and Arizona Street Landfills |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | SCS - Miramar and otay Landfills |
| **Project Site(s)** | otay Landfill<br>Miramar Landfill |
| **Service Dates** | 2018 - to present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

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Company Name: THERMAL INSTRUMENT COMPANY, INC.

Address: 217 STERNER MILL ROAD, TREVOSE PA 19053

Contact Name: RAY YOUNG Phone: (215) 355-8400 Email: RAY@THERMALINSTRUMENT.COM

Contractor License No.: N/A DIR Registration No.: N/A

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: RECALIBRATION SERVICES ON FLOW INSTRUMENTATION

Identify whether company is a subcontractor or supplier: WE ARE MANUFACTURER AND PROVIDE SERVICE

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☑Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

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| | |
|---|---|
| **Subcontractor Name: Thermal Instrument Company, Inc.**<br><br>**Brief Statement of Qualifications: Manufacturer of flow measurement instrumentation used to measure landfill gas. Our technicians check flow meters on customer site to validate overall accuracy and adjust / correct if necessary if operating conditions have changed.** | |
| **Subcontractor Contact (name, title, phone #, email):** | **Thermal Instrument Company, Inc.**<br><br>**Ray Young – President**<br><br>**215-544-5203, Ray@thermalinstrument.com**<br><br>**Kevin Johnson – Field Service Technician**<br><br>**215-544-5212, kevin@thermalinstrument.com** |
| **Previous Relationship with SCS Engineers on Similar Projects** | |
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | South Chollas and Arizona Street Landfills |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |
| **Project Owner/Client** | |
| **Project Site(s)** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

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Company Name: Victory Bee Removal

Address: PO Box 390421, San Diego, CA 92149

Contact Name: Victor Montufar Phone: (619) 494-0757 Email: victorybeeremoval@gmail.com

Contractor License No.: N/A DIR Registration No.: N/A

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: Live bee removal and relocation, hive extraction, bee-proofing & repairs

Identify whether company is a subcontractor or supplier: subcontractor

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☑Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

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| | |
|---|---|
| **Subcontractor Name: Victory Bee Removal**<br><br>**Brief Statement of Qualifications: live bee removal, hive extraction and wax clean-out, bee-proofing and repairs if needed** | |
| **Subcontractor Contact (name, title, phone #, email):** | **Alicia Valdez**<br><br>**Manager**<br><br>**619-494-0757**<br>**victorybeeremoval@gmail.com** |
| **Previous Relationship with SCS Engineers on Similar Projects** | |
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | South Chollas and Arizona Street Landfills |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |
| **Project Owner/Client** | |
| **Project Site(s)** | |
| **Service Dates** | |

## K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

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Company Name: Zampell Refractories Inc.

Address: 13023 Tom White Way Norwalk, CA. 90650

Contact Name: Eric Cameron Phone: (707) 688-6269 Email: eric.cameron@zampell.com

Contractor License No.: 861923 DIR Registration No.: PW-LR-1000701564

Sub-Contract Dollar Amount: $100,000 (per year) $200,000 (total contract term)

Scope of work subcontractor will perform: Refractory, scaffolding

Identify whether company is a subcontractor or supplier: Subcontractor

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☑Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: $_____ (per year) $_____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply):☐DBE ☐DVBE ☐ELBE ☐MBE ☐SLBE☐WBE ☐Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

## L. STATEMENT OF AVAILABLE EQUIPMENT:

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## Subcontractor Name: Zampell Refractories Inc.

## Brief Statement of Qualifications: Refractory / Ceramic fiber installer/ Scaffold / Sandblasting

| | |
|---|---|
| **Subcontractor Contact (name, title, phone #, email):** | **Eric Cameron / Division Manager - CA**<br>**Cell: 707-688-6269**<br>**eric.cameron@zampell.com** |

## Previous Relationship with SCS Engineers on Similar Projects

| | |
|---|---|
| **Project Owner/Client Name** | City of San Diego, Environmental Services Department<br>San Diego, CA 92123 |
| **Project Site(s)** | South Chollas and Arizona Street Landfills |
| **Service Dates** | 2019 to Present |
| **Project Owner/Client** | SCS @ Sycamore Landfill |
| **Project Site(s)** | Sycamore Landfill, Santee, CA |
| **Service Dates** | 5/12/25 – 5/16/25 |
| **Project Owner/Client** | SCS @ Apex Landfill |
| **Project Site(s)** | Apex Landfill, Las Vegas, NV |
| **Service Dates** | 4/11/22 – 4/18/22 |

The City's *Equal Opportunity Contracting Program form, including the Contractors Certification of Pending Actions and Work Force Report is provided on the following pages.*

The City of SAN DIEGO

**EQUAL OPPORTUNITY CONTRACTING (EOC)**
1200 Third Avenue, Suite 200 • San Diego, CA 92101
Phone: (619) 236-6000 • Fax: (619) 236-5904

# BB. WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR).*

NO OTHER FORMS WILL BE ACCEPTED

**CONTRACTOR IDENTIFICATION**

Type of Contractor: ☐ Construction ☐ Vendor/Supplier ☐ Financial Institution ☐ Lessee/Lessor
☐ Consultant ☐ Grant Recipient ☐ Insurance Company ☐ Other

Name of Company: _____

ADA/DBA: _____

Address (Corporate Headquarters, where applicable): _____

City: _____ County: _____ State: _____ Zip: _____

Telephone Number: _____ Fax Number: _____

Name of Company CEO: _____

Address(es), phone and fax number(s) of company facilities located in San Diego County **(if different from above):**

Address: _____

City: _____ County: _____ State: _____ Zip: _____

Telephone Number: _____ Fax Number: _____ Email: _____

Type of Business: _____ Type of License: _____

The Company has appointed: _____

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: _____

Telephone Number: _____ Fax Number: _____ Email: _____

---

☐ One San Diego County (or Most Local County) Work Force - Mandatory
☐ Branch Work Force *
☐ Managing Office Work Force

*Check the box above that applies to this WFR.*

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

I, the undersigned representative of _____
*(Firm Name)*

_____ , CA _____ hereby certify that information provided
*(County)* *(State)*

herein is true and correct. This document was executed on this _____ day of _____ , 20____

Alison Heredia
*(Authorized Signature)*

Alison Heredia
*(Print Authorized Signature Name)*

**WORK FORCE REPORT – Page 2**

NAME OF FIRM: _____ DATE: _____

OFFICE(S) or BRANCH(ES): _____ COUNTY: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

(1) Black or African-American
(2) Hispanic or Latino
(3) Asian
(4) American Indian or Alaska Native
(5) Native Hawaiian or Pacific Islander
(6) White
(7) Other race/ethnicity; not falling into other groups

*Definitions of the race and ethnicity categories can be found on Page 4*

| ADMINISTRATION OCCUPATIONAL CATEGORY | | (1) Black or African American | | (2) Hispanic or Latino | | (3) Asian | | (4) American Indian/ Nat. Alaskan | | (5) Pacific Islander | | (6) White | | (7) Other Race/ Ethnicity | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) |
| Management & Financial | 1 | | | 4 | 1 | | 1 | | | | | 1 | 3 | | |
| Professional | 2 | | | | | | | | | | | 3 | 3 | | |
| A&E, Science, Computer | AE | | | 5 | 1 | 1 | 1 | | | | | 9 | 3 | 1 | |
| Technical | 3 | | | 5 | | 2 | 1 | | | | | 5 | | | |
| Sales | NONE | | | | | | | | | | | | | | |
| Administrative Support | 5 | | | | 1 | | | | | | | 2 | | | |
| Services | NONE | | | | | | | | | | | | | | |
| Crafts | 6 | | | 2 | | | | | | | | | | | |
| Operative Workers | 7 | | | 1 | | | | | | | | | | | |
| Transportation | NONE | | | | | | | | | | | | | | |
| Laborers* | 8 | | | 5 | | | | | | | | | | | |

*Construction laborers and other field employees are not to be included on this page

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Totals Each Column | 0 | 0 | 22 | 3 | 3 | 3 | | 0 | 0 | 0 | 20 | 9 | 1 | 0 |

| **Grand Total All Employees** | 61 |
|---|---|

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Disabled | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

Non-Profit Organizations Only:

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Board of Directors | | | | | | | | | | | | | | |
| Volunteers | | | | | | | | | | | | | | |
| Artists | | | | | | | | | | | | | | |

**WORK FORCE REPORT – Page 3**

NAME OF FIRM: _____ DATE: _____

OFFICE(S) or BRANCH(ES): _____ COUNTY: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

(1) Black or African-American
(2) Hispanic or Latino
(3) Asian
(4) American Indian or Alaska Native
(5) Native Hawaiian or Pacific Islander
(6) White
(7) Other race/ethnicity; not falling into other groups

*Definitions of the race and ethnicity categories can be found on Page 4*

| TRADE OCCUPATIONAL CATEGORY | (1) Black or African American | | (2) Hispanic or Latino | | (3) Asian | | (4) American Indian/ Nat. Alaskan | | (5) Pacific Islander | | (6) White | | (7) Other Race/ Ethnicity | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) |
| Brick, Block or Stone Masons | | | | | | | | | | | | | | |
| Carpenters | | | | | | | | | | | | | | |
| Carpet, Floor & Tile Installers Finishers | | | | | | | | | | | | | | |
| Cement Masons, Concrete Finishers | | | | | | | | | | | | | | |
| Construction Laborers | | | | | | | | | | | | | | |
| Drywall Installers, Ceiling Tile Inst | | | | | | | | | | | | | | |
| Electricians | | | | | | | | | | | | | | |
| Elevator Installers | | | | | | | | | | | | | | |
| First-Line Supervisors/Managers | | | | | | | | | | | | | | |
| Glaziers | | | | | | | | | | | | | | |
| Helpers; Construction Trade | | | | | | | | | | | | | | |
| Millwrights | | | | | | | | | | | | | | |
| Misc. Const. Equipment Operators | | | | | | | | | | | | | | |
| Painters, Const. & Maintenance | | | | | | | | | | | | | | |
| Pipelayers, Plumbers, Pipe & Steam Fitters | | | | | | | | | | | | | | |
| Plasterers & Stucco Masons | | | | | | | | | | | | | | |
| Roofers | | | | | | | | | | | | | | |
| Security Guards & Surveillance Officers | | | | | | | | | | | | | | |
| Sheet Metal Workers | | | | | | | | | | | | | | |
| Structural Metal Fabricators & Fitters | | | | | | | | | | | | | | |
| Welding, Soldering & Brazing Workers | | | | | | | | | | | | | | |
| Workers, Extractive Crafts, Miners | | | | | | | | | | | | | | |
| Totals Each Column | | | | | | | | | | | | | | |

**Grand Total All Employees** _____

Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Disabled | | | | | | | | | | | | | | |

*Living Wage Ordinance Certification of Compliance is provided on the following pages for SCS Engineers and our subcontractors listed below:*

AtmAA, Inc.

CriticalPath Environmental Services, Inc. dba BlueScape Environmental

Eurofins Environment Testing Southwest, LLC

Franks Industrial Services, Inc.

Hydraulic Controls, Inc.

IO Environmental & Infrastructure Inc.

Limited Access Unlimited, Inc. dba Pacific Drilling Co

Patriot Environmental Services, Inc.

Sloan Electromechanical Service & Sales

Thermal Instrument Company, Inc.

Victory Bee Removal

Zampell Refractories Inc.

The City of SAN DIEGO
Compliance Department
Office of Labor Standards Enforcement

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: SCS Engineers

Company Address: 8799 Balboa Avenue, Suite 290, San Diego, CA 92123

Company Contact Name: Brian P. Duffy, Vice President, Project Director Contact Phone: 858-583-7733

## CONTRACT INFORMATION

Contract Number (if no number, state location): 10090245-25-R, Start Date: TBD

Contract Title (or description: Landfill Gas System Support Services End Date: TBD

Purpose/Service Provided: Operate and maintain two of the City's landfill gas control and collection systems

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

(c) Provide minimum of 80 compensated leave hours per year for illness, vacation, or personal need at the employee's request and permit 80 additional unpaid leave hours for personal or family illness when accrued compensated leave hours have been used;

(d) Annually distribute a notice with the first paycheck after July 1 to inform all covered employees of LWO requirements, their possible right to Federal Earned Income Tax Credit, and possible availability of health insurance coverage under the Affordable Care Act;

(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

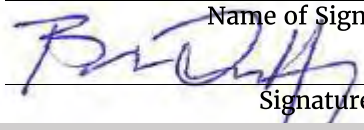
If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

| Brian P. Duffy | Vice President, Project Director |
|---|---|
| Name of Signatory | Title of Signatory |
|  | 6/30/2025 |
| Signature | Date |

## FOR OFFICIAL CITY USE ONLY

| Date of Receipt: | LWO Analyst: | Contract Number: |
|---|---|---|

The City of SAN DIEGO
Compliance Department
Office of Labor Standards and Enforcement

# Instructions and Guidelines for Completing the Living Wage Ordinance Annual Certification of Compliance

## Section 1- Company Information (Mandatory Field)

- Company must fill out the full business name (This includes and other names the business uses to operate or provide services)
- The complete address of the company must be provided.
- Company Contact Name and Telephone Number

## Section 2- Fiscal Year Information

- Start Date- Business identifies the start date they begin services.
- End Date- This certification will be for a fiscal year and the end date will go through the end of the fiscal year for the City of San Diego. (Ex. For Fiscal Year 2023 the end of the fiscal year would be June 30, 2023)

## Section 3- Terms of Compliance

- Each covered employer shall file an LWO Certification of Compliance with the Living Wage Manager within 30 days of becoming a covered employer for that fiscal year.
- Covered employers are required to ensure that all applicable subcontractors file an LWO Certification of Compliance within 30 days of becoming covered by the LWO.
- Failure to file an LWO Certification of Compliance may result in payment being withheld until the document is submitted.
- The Living Wage Annual Certification of Compliance will be completed by the business each fiscal year.
- The contractor understands that they will comply with all the requirements under the Living Wage Ordinance for any purchase order awarded that is subject to the Living Wage for that fiscal year.

## Section 4- Contractor Certification (Mandatory Field)

- The contractor certifies that they will comply with the requirements for covered contracts that fall under the Living Wage Ordinance for the fiscal year the Certification of Compliance is being submitted for.
- Signed and dated by a legally authorized officer for the business.

## Section 5- For Official City Use Only (City of San Diego Living Wage Program)

The City of SAN DIEGO
Compliance Department
Office of Labor Standards and Enforcement

**Complete this form and return via email to: ContactLWO@sandiego.gov**

# LIVING WAGE ORDINANCE APPLICATION FOR EXEMPTION

## COMPANY INFORMATION

Company Name: AtmAA, Inc.

Company Address: 5107 Douglas Fir Rd., Calabasas CA 91302

Company Contact Name: Brian Fung  Contact Phone: 818 223-3277

## CONTRACT INFORMATION

Contract Number (if no number, state location): 10090245-25-R  Start Date:

Contract Title or description: City of San Diego  End Date:

Purpose/Service Provided: Analytical Laboratory Services

## EXEMPTION BASIS

Check one option and submit required supporting documentation:

- [x] **Business employs 12 or fewer employees**, including parent and subsidiary entities, for each working day in each of 20 or more calendar weeks in current or preceding calendar year and, in the City's determination, will not need to retain more than a total of 12 employees (including subcontractors) to perform work related to the City contract. [SDMC §22.4215 (c)(1)]

  Required documentation: Correspondence on company letterhead and signed by a legally authorized officer documenting number of employees and listing subcontractors AND copy of firm's State of California Employment Development Department Quarterly Contribution Return and Report of Wages (Continuation) [form DE9C] for prior two quarters.

- [ ] **Business operating as sole proprietorship with no employees** and will not utilize subcontractors. [SDMC §22.4215 (c)(1)]

  Required documentation: A completed Living Wage Ordinance Self-Attestation form for Business Operating as a Sole Proprietorship by sole proprietor.

- [ ] **Business organized under IRS section 501(c)(3)** and highest officer's salary, when calculated on an hourly basis, is less than eight times the hourly wage rate of the lowest paid covered employee. SDMC section 22.4215 (c)(2).

  Required documentation: Copy of IRS letter recognizing status as non-profit organized under section 501(c)(3) AND statement of salary listing corporation's highest paid officer and lowest paid worker, both computed on an hourly basis.

- [ ] **Collective Bargaining Agreement** specifically (in writing) supersedes the Living Wage Ordinance. SDMC section 22.4240.

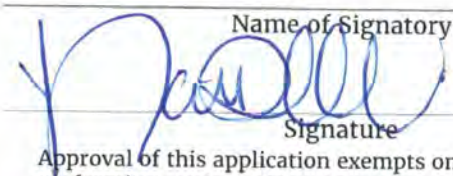
  Required documentation: Copy of collective bargaining agreement OR written confirmation from union representing employees working on the contract.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California that information submitted in support of this application is true and correct to the best of the contractor's knowledge.

Karen Martorano — Name of Signatory

AP/AR, Project Manager — Title of Signatory


Signature

06-25-2025 — Date

Approval of this application exempts only the listed contractor from the LWO during performance of this contract. A subcontractor performing work on this contract is not exempt unless separate exemption is applied for and approved.

## FOR OFFICIAL CITY USE ONLY

- [ ] Not Approved – Reason:
- [ ] Approved

LWO Analyst:  Date:

The City of SAN DIEGO
Compliance Department
Office of Labor Standards and Enforcement

**Complete this form and return via email to: ContactLWO@sandiego.gov**

# LIVING WAGE ORDINANCE
# APPLICATION FOR EXEMPTION

## COMPANY INFORMATION

Company Name: CriticalPath Environmental Services, Inc. dba BlueScape Environmental

Company Address: 16870 W Bernardo Drive, Suite 400, San Diego, CA 92127

Company Contact Name: James A. Westbrook  Contact Phone: 858-774-2009

## CONTRACT INFORMATION

Contract Number (if no number, state location): California  Start Date:

Contract Title or description:  End Date:

Purpose/Service Provided: Air Quality Consulting Services

## EXEMPTION BASIS

Check one option and submit required supporting documentation:

■ **Business employs 12 or fewer employees**, including parent and subsidiary entities, for each working day in each of 20 or more calendar weeks in current or preceding calendar year and, in the City's determination, will not need to retain more than a total of 12 employees (including subcontractors) to perform work related to the City contract. [SDMC §22.4215 (c)(1)]

Required documentation: Correspondence on company letterhead and signed by a legally authorized officer documenting number of employees and listing subcontractors AND copy of firm's State of California Employment Development Department Quarterly Contribution Return and Report of Wages (Continuation) [form DE9C] for prior two quarters.

□ **Business operating as sole proprietorship with no employees** and will not utilize subcontractors. [SDMC §22.4215 (c)(1)]

Required documentation: A completed Living Wage Ordinance Self-Attestation form for Business Operating as a Sole Proprietorship by sole proprietor.

□ **Business organized under IRS section 501(c)(3)** and highest officer's salary, when calculated on an hourly basis, is less than eight times the hourly wage rate of the lowest paid covered employee. SDMC section 22.4215 (c)(2).

Required documentation: Copy of IRS letter recognizing status as non-profit organized under section 501(c)(3) AND statement of salary listing corporation's highest paid officer and lowest paid worker, both computed on an hourly basis.

□ **Collective Bargaining Agreement** specifically (in writing) supersedes the Living Wage Ordinance. SDMC section 22.4240.

Required documentation: Copy of collective bargaining agreement OR written confirmation from union representing employees working on the contract.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California that information submitted in support of this application is true and correct to the best of the contractor's knowledge.

| James A. Westbrook | President |
|---|---|
| Name of Signatory | Title of Signatory |
| Digitally signed by James A. Westbrook Date: 2025.06.25 11:31:23 -07'00' | 6/25/2025 |
| Signature | Date |

Approval of this application exempts only the listed contractor from the LWO during performance of this contract. A subcontractor performing work on this contract is not exempt unless separate exemption is applied for and approved.

## FOR OFFICIAL CITY USE ONLY

□ Not Approved – Reason:
□ Approved  LWO Analyst:  Date:

**BLUESCAPE ENVIRONMENTAL**
**COMPANY FACT SHEET**

| | |
|---|---|
| Legal Name | CriticalPath Environmental Services, Inc. |
| DBA | BlueScape Environmental |
| Address | 16870 W. Bernardo Drive, Suite 400<br>San Diego, CA 92127 |
| Primary Point of Contact/Sole Owner | James Westbrook, President/Principal<br>858-695-9200x1<br>jwestbrook@bluescapeinc.com |
| # of Employees | Seven (7) |
| Certifications | • SBE Program State of CA Number: 1747287<br>• City of San Diego SLBE Number: 11BS0449<br>• Registered as County of San Diego CEQA Consultant for Air Quality |
| Other Subcontractors | N/A |

| | |
|---|---|
| **Signature** | |
| **Office Name** | **James A. Westbrook, Jr.** |
| **Office Title** | **President/CEO** |
| **Date** | **6/25/2025** |

The City of SAN DIEGO
Compliance Department
Office of Labor Standards and Enforcement

**Complete this form and return via email to: ContactLWO@sandiego.gov**

# LIVING WAGE ORDINANCE
# APPLICATION FOR EXEMPTION

## COMPANY INFORMATION

Company Name: Frank's Industrial Services, Inc.

Company Address: 1426 259th St., Harbor City, CA 90710

Company Contact Name: Sean Sedillo  Contact Phone: 310-629-5112

## CONTRACT INFORMATION

Contract Number (if no number, state location):  Start Date:

Contract Title or description:  End Date:

Purpose/Service Provided:

## EXEMPTION BASIS

Check one option and submit required supporting documentation:

□ **Business employs 12 or fewer employees**, including parent and subsidiary entities, for each working day in each of 20 or more calendar weeks in current or preceding calendar year and, in the City's determination, will not need to retain more than a total of 12 employees (including subcontractors) to perform work related to the City contract. [SDMC §22.4215 (c)(1)]

Required documentation: Correspondence on company letterhead and signed by a legally authorized officer documenting number of employees and listing subcontractors AND copy of firm's State of California Employment Development Department Quarterly Contribution Return and Report of Wages (Continuation) [form DE9C] for prior two quarters.

□ **Business operating as sole proprietorship with no employees** and will not utilize subcontractors. [SDMC §22.4215 (c)(1)]

Required documentation: A completed Living Wage Ordinance Self-Attestation form for Business Operating as a Sole Proprietorship by sole proprietor.

□ **Business organized under IRS section 501(c)(3)** and highest officer's salary, when calculated on an hourly basis, is less than eight times the hourly wage rate of the lowest paid covered employee. SDMC section 22.4215 (c)(2).

Required documentation: Copy of IRS letter recognizing status as non-profit organized under section 501(c)(3) AND statement of salary listing corporation's highest paid officer and lowest paid worker, both computed on an hourly basis.

□ **Collective Bargaining Agreement** specifically (in writing) supersedes the Living Wage Ordinance. SDMC section 22.4240.

Required documentation: Copy of collective bargaining agreement OR written confirmation from union representing employees working on the contract.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California that information submitted in support of this application is true and correct to the best of the contractor's knowledge.

| Sean Sedillo | President |
|---|---|
| Name of Signatory | Title of Signatory |
| Sean Sedillo Digitally signed by Sean Sedillo Date: 2025.06.27 12:40:31 -07'00' | 6/27/25 |
| Signature | Date |

Approval of this application exempts only the listed contractor from the LWO during performance of this contract. A subcontractor performing work on this contract is not exempt unless separate exemption is applied for and approved.

## FOR OFFICIAL CITY USE ONLY

□ Not Approved – Reason:
□ Approved  LWO Analyst:  Date:

The City of SAN DIEGO
**Compliance Department**
Office of Labor Standards Enforcement

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: Hydraulic Controls Inc.

Company Address: 610 Reyes DR Walnut CA 91789

Company Contact Name: Ray Baker Contact Phone: 909-869-7600

## CONTRACT INFORMATION

Contract Number (if no number, state location): CA Start Date: 2019

Contract Title (or description: City of SD IS Cholla & Arizona End Date: Present

Purpose/Service Provided: Hydraulic and Fluid Power field service

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

(c) Provide minimum of 80 compensated leave hours per year for illness, vacation, or personal need at the employee's request and permit 80 additional unpaid leave hours for personal or family illness when accrued compensated leave hours have been used;

(d) Annually distribute a notice with the first paycheck after July 1 to inform all covered employees of LWO requirements, their possible right to Federal Earned Income Tax Credit, and possible availability of health insurance coverage under the Affordable Care Act;

(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

Ray Baker
Name of Signatory

Branch Manager
Title of Signatory

Signature

6/24/25
Date

## FOR OFFICIAL CITY USE ONLY

Date of Receipt: LWO Analyst: Contract Number:

The City of SAN DIEGO
Compliance Department
Office of Labor Standards Enforcement

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: IO Environmental & Infrastructure Inc

Company Address: 2840 Adams Ave. Ste. 301 San Diego, CA 92116

Company Contact Name: Mike Bilodeau Contact Phone: 619-280-3278

## CONTRACT INFORMATION

Contract Number (if no number, state location): 10090245-25-R Start Date: TBD

Contract Title (or description: Landfill Gas System Support Services End Date: TBD

Purpose/Service Provided: TBD

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

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(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

| Mike Bilodeau | CEO |
|---|---|
| Name of Signatory | Title of Signatory |
| Mike Bilodeau | 25 Jun 2025 |
| Signature | Date |

## FOR OFFICIAL CITY USE ONLY

Date of Receipt: LWO Analyst: Contract Number:

The City of SAN DIEGO
Compliance Department
Office of Labor Standards Enforcement

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: Limited Access Unlimited, Inc dba Pacific Drilling Co

Company Address: 5220 Anna Ave., San Diego, CA 92110

Company Contact Name: Kenda Cooke Contact Phone: 858-242-7264

## CONTRACT INFORMATION

Contract Number (if no number, state location): Start Date:

Contract Title (or description: City of SD LFG System Support at Arizona St & So. Chollas LFs End Date:

Purpose/Service Provided: Drilling for soil/water/vapor sampling, monitoring well installation and related services

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

(c) Provide minimum of 80 compensated leave hours per year for illness, vacation, or personal need at the employee's request and permit 80 additional unpaid leave hours for personal or family illness when accrued compensated leave hours have been used;

(d) Annually distribute a notice with the first paycheck after July 1 to inform all covered employees of LWO requirements, their possible right to Federal Earned Income Tax Credit, and possible availability of health insurance coverage under the Affordable Care Act;

(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

| Tod Clark | President |
|---|---|
| Name of Signatory | Title of Signatory |
| Signature | 6/25/25 |
| | Date |

## FOR OFFICIAL CITY USE ONLY

Date of Receipt: LWO Analyst: Contract Number:

The City of SAN DIEGO
**Compliance Department**
Office of Labor Standards Enforcement

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: Patriot Environmental Services, Inc.

Company Address: 1250 23rd Street, Signal Hill, CA 90755

Company Contact Name: Jason Reed  Contact Phone: 562.244.5599

## CONTRACT INFORMATION

Contract Number (if no number, state location):  Start Date:

Contract Title (or description:  End Date:

Purpose/Service Provided:

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

(c) Provide minimum of 80 compensated leave hours per year for illness, vacation, or personal need at the employee's request and permit 80 additional unpaid leave hours for personal or family illness when accrued compensated leave hours have been used;

(d) Annually distribute a notice with the first paycheck after July 1 to inform all covered employees of LWO requirements, their possible right to Federal Earned Income Tax Credit, and possible availability of health insurance coverage under the Affordable Care Act;

(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

Name of Signatory

Sr. Vice President
Title of Signatory

Signature

June 27, 2025
Date

## FOR OFFICIAL CITY USE ONLY

Date of Receipt:  LWO Analyst:  Contract Number:

The City of SAN DIEGO
Compliance Department
Office of Labor Standards Enforcement

SCS 7/7/25

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: Sloan Electric

Company Address: 3520 Main Street San Diego CA 92113

Company Contact Name: Stephen Watson Contact Phone: 619-239-5174

## CONTRACT INFORMATION

Contract Number (if no number, state location): 10090245-25-R Start Date: September 01, 2025

Contract Title (or description: City of SD Landfill Gas System Service End Date: August 31, 2030

Purpose/Service Provided:

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

(c) Provide minimum of 80 compensated leave hours per year for illness, vacation, or personal need at the employee's request and permit 80 additional unpaid leave hours for personal or family illness when accrued compensated leave hours have been used;

(d) Annually distribute a notice with the first paycheck after July 1 to inform all covered employees of LWO requirements, their possible right to Federal Earned Income Tax Credit, and possible availability of health insurance coverage under the Affordable Care Act;

(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

Stephen Watson
Name of Signatory

General Manager
Title of Signatory

Stephen Watson
Signature

July 07, 2025
Date

## FOR OFFICIAL CITY USE ONLY

Date of Receipt: LWO Analyst: Contract Number:

The City of SAN DIEGO
Compliance Department
Office of Labor Standards Enforcement

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: THERMAL INSTRUMENT COMPANY, INC.

Company Address: 217 STERNER MILL ROAD, TREVOSE PA 19053

Company Contact Name: RAYMOND H YOUNG - PRESIDENT Contact Phone: 215-355-8400 X5203

## CONTRACT INFORMATION

Contract Number (if no number, state location): Start Date:

Contract Title (or description: End Date:

Purpose/Service Provided: RECALIBRATION AND GENERAL MAINTENANCE OF FLOW METER INSTRUMENTATION

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

(c) Provide minimum of 80 compensated leave hours per year for illness, vacation, or personal need at the employee's request and permit 80 additional unpaid leave hours for personal or family illness when accrued compensated leave hours have been used;

(d) Annually distribute a notice with the first paycheck after July 1 to inform all covered employees of LWO requirements, their possible right to Federal Earned Income Tax Credit, and possible availability of health insurance coverage under the Affordable Care Act;

(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

RAYMOND H YOUNG
Name of Signatory

Raymond H Young
Signature

PRESIDENT
Title of Signatory

JUNE 27, 2025
Date

## FOR OFFICIAL CITY USE ONLY

Date of Receipt: LWO Analyst: Contract Number:

The City of SAN DIEGO
Compliance Department
Office of Labor Standards and Enforcement

**Complete this form and return via email to: ContactLWO@sandiego.gov**

# LIVING WAGE ORDINANCE
# APPLICATION FOR EXEMPTION

## COMPANY INFORMATION

Company Name: Victory Bee Removal

Company Address: PO Box 390421, San Diego CA 92149

Company Contact Name: Victor Montufar  Contact Phone: 619-494-0757

## CONTRACT INFORMATION

Contract Number (if no number, state location): San Diego, CA  Start Date:

Contract Title or description:  End Date:

Purpose/Service Provided: live bee removal , hive extraction and bee-proofing

## EXEMPTION BASIS

Check one option and submit required supporting documentation:

☐ **Business employs 12 or fewer employees**, including parent and subsidiary entities, for each working day in each of 20 or more calendar weeks in current or preceding calendar year and, in the City's determination, will not need to retain more than a total of 12 employees (including subcontractors) to perform work related to the City contract. [SDMC §22.4215 (c)(1)]

Required documentation: Correspondence on company letterhead and signed by a legally authorized officer documenting number of employees and listing subcontractors AND copy of firm's State of California Employment Development Department Quarterly Contribution Return and Report of Wages (Continuation) [form DE9C] for prior two quarters.

■ **Business operating as sole proprietorship with no employees** and will not utilize subcontractors. [SDMC §22.4215 (c)(1)]

Required documentation: A completed Living Wage Ordinance Self-Attestation form for Business Operating as a Sole Proprietorship by sole proprietor.

☐ **Business organized under IRS section 501(c)(3)** and highest officer's salary, when calculated on an hourly basis, is less than eight times the hourly wage rate of the lowest paid covered employee. SDMC section 22.4215 (c)(2).

Required documentation: Copy of IRS letter recognizing status as non-profit organized under section 501(c)(3) AND statement of salary listing corporation's highest paid officer and lowest paid worker, both computed on an hourly basis.

☐ **Collective Bargaining Agreement** specifically (in writing) supersedes the Living Wage Ordinance. SDMC section 22.4240.

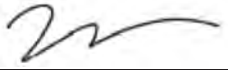
Required documentation: Copy of collective bargaining agreement OR written confirmation from union representing employees working on the contract.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California that information submitted in support of this application is true and correct to the best of the contractor's knowledge.

Victor Montufar  Owner

Name of Signatory  Title of Signatory



06/23/2025

Signature  Date

Approval of this application exempts only the listed contractor from the LWO during performance of this contract. A subcontractor performing work on this contract is not exempt unless separate exemption is applied for and approved.

## FOR OFFICIAL CITY USE ONLY

☐ Not Approved – Reason:
☐ Approved  LWO Analyst:  Date:

The City of SAN DIEGO
Compliance Department
Office of Labor Standards Enforcement

# LIVING WAGE ORDINANCE CERTIFICATION OF COMPLIANCE

**REQUIRED BY SAN DIEGO MUNICIPAL CODE §22.4225(c)**

## COMPANY INFORMATION

Company Name: Zampell Refractories, Inc.

Company Address: 13023 Tom White Way, Norwalk, CA 90650

Company Contact Name: Eric Cameron  Contact Phone: 707-688-6269

## CONTRACT INFORMATION

Contract Number (if no number, state location): San Diego, CA  Start Date: Approx 1/1/26

Contract Title (or description: Landfill Gas Systems Support Services  End Date: 5 Yrs from Effective Date

Purpose/Service Provided: Refractory Services (Subcontractor)

## TERMS OF COMPLIANCE

A contractor or subcontractor working on or under the authority of an agreement subject to the Living Wage Ordinance [LWO] must comply with all applicable provisions unless specifically approved for an exemption. Basic requirements of the LWO are:

(a) Pay covered employees the current fiscal year hourly wage rate;

(b) If any lesser amount is applied toward the health benefits rate, add this difference to the hourly wage rate as cash;

(c) Provide minimum of 80 compensated leave hours per year for illness, vacation, or personal need at the employee's request and permit 80 additional unpaid leave hours for personal or family illness when accrued compensated leave hours have been used;

(d) Annually distribute a notice with the first paycheck after July 1 to inform all covered employees of LWO requirements, their possible right to Federal Earned Income Tax Credit, and possible availability of health insurance coverage under the Affordable Care Act;

(e) Prohibit retaliation against any covered employee who alleges noncompliance with the requirements of the LWO;

(f) Permit access for authorized City representatives to work sites and records to review compliance with the LWO; and

(g) Maintain wage and benefit records for covered employees for 3 years after final payment.

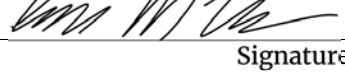
If a subcontractor fails to submit this completed form, the prime contractor may be found in violation of the LWO for failure to ensure its subcontractor's compliance. This may result in a withholding of payments or termination of the agreement.

## CONTRACTOR CERTIFICATION

By signing, the contractor certifies under penalty of perjury under laws of the State of California to the following:

(a) comply with the requirements of the Living Wage Ordinance; and

(b) will perform at least fifty percent (50%) of the work with its own employees.

| Sean M Case | Chief Operating Officer |
|---|---|
| Name of Signatory | Title of Signatory |
|  | 6/23/25 |
| Signature | Date |

## FOR OFFICIAL CITY USE ONLY

| Date of Receipt: | LWO Analyst: | Contract Number: |
|---|---|---|

# LICENSES

As requested in the RFP's *Exhibit B*, copies of SCS Engineers' licenses are provided on the following pages.

## Department of Industrial Relations (Dir) Registration Number

| | Registration No. | Expiration Date | Name |
|---|---|---|---|
| DIR Registration No. | 1000004641 | 06/30/2026 | STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC |

## License

SCS Engineers holds a Class A general contractors license. A copy is provided below and on the following pages.

| | License Number | Expiration Date | Name |
|---|---|---|---|
| State of California General Engineering Contractors License | Class: A<br>No.:<br>749678 A Haz | 05/31/2026 | STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC |

## Business Tax Certificate

SCS Engineers has a current business tax certificate for the City of San Diego. Information is provided below, with a copy of the certificate on the following pages. The information has also been provided in Question E. 9. Of the City of San Diego Contractor Standards Pledge of Compliance.

Business Tax Certificate No.: B1993000875 Year Issued: 03/01/2026

Department of Industrial Relations
STATE OF CALIFORNIA

# APPLICATION FOR
# PUBLIC WORKS CONTRACTOR REGISTRATION

## Registration Information

Type: Public Works

Period: 07/01/2024 06/30/2026

## Contractor Information

Contractor Name: STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC

Trade Name: STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC

License Type Number: 1000004641

## Contractor Physical Address

Physical Business Country: United States of America

Physical Business Address: 3900 KILROY AIRPORT WAY, #100

Physical Business City/ Province: LONG BEACH

Physical Business State: CA

Physical Business Postal Code: 90806

## Contractor Mailing Address

Mailing Country: United States of America

Mailing Address: 3900 KILROY AIRPORT WAY, #100

Mailing City /Province: LONG BEACH

Mailing State: CA

Mailing Postal Code: 90806

## Contact Info

Daytime Phone:

Mobile Phone:

Daytime Phone Ext.:

Business Email: corporatesecretary@scsengineers.com

Applicant's Email: jarmstrong@scsengineers.com

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 3/31/2026 | 03/26/2025

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 have ADDITIONAL INSURED provisions or 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).

| | |
|---|---|
| **PRODUCER** Lockton Companies, LLC<br>DBA Lockton Insurance Brokers, LLC in CA<br>CA license #0F15767<br>8110 E Union Ave., Ste. 100<br>Denver CO 80237<br>denver-certs@lockton.com | **CONTACT NAME:**<br>**PHONE (A/C, No, Ext):** **FAX (A/C, No):**<br>**E-MAIL ADDRESS:** |
| **INSURED** 1506787 SCS Engineers, SCS Field Services,<br>SCS Energy, SCS Tracer Environmental<br>3900 Kilroy Airport Way, Ste 300<br>Long Beach, CA 90806-6816 | **INSURER(S) AFFORDING COVERAGE** — **NAIC #**<br>**INSURER A :** Zurich American Insurance Company — 16535<br>**INSURER B :** Steadfast Insurance Company — 26387<br>**INSURER C :**<br>**INSURER D :**<br>**INSURER E :**<br>**INSURER F :** |

**COVERAGES** **CERTIFICATE NUMBER:** 18259705 **REVISION NUMBER:** XXXXXXX

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 INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS | |
|---|---|---|---|---|---|---|---|---|
| A | X COMMERCIAL GENERAL LIABILITY<br>[ ] CLAIMS-MADE [X] OCCUR<br>X X,C,U Included<br>X Contractual Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br>[ ] POLICY [X] PRO-JECT [X] LOC<br>[ ] OTHER: | N | N | GLO 0112778-10 | 03/31/2025 | 03/31/2026 | EACH OCCURRENCE<br>DAMAGE TO RENTED PREMISES (Ea occurrence)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG<br>$ | $ 2,000,000<br>$ 1,000,000<br>$ 25,000<br>$ 2,000,000<br>$ 4,000,000<br>$ 4,000,000<br>$ |
| A | AUTOMOBILE LIABILITY<br>X ANY AUTO<br>[ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS<br>[ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY | N | N | BAP 0112780-10 | 04/01/2025 | 04/01/2026 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident)<br>$ | $ 2,000,000<br>$ XXXXXXX<br>$ XXXXXXX<br>$ XXXXXXX<br>$ XXXXXXX |
| | [ ] UMBRELLA LIAB [ ] OCCUR<br>[ ] EXCESS LIAB [ ] CLAIMS-MADE<br>[ ] DED [ ] RETENTION $ | | | NOT APPLICABLE | | | EACH OCCURRENCE<br>AGGREGATE<br>$ | $ XXXXXXX<br>$ XXXXXXX<br>$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: N<br>If yes, describe under DESCRIPTION OF OPERATIONS below | N / A | N | WC0112779-10 | 04/01/2025 | 04/01/2026 | X PER STATUTE [ ] OTH-ER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | <br>$ 1,000,000<br>$ 1,000,000<br>$ 1,000,000 |
| B | Env Prof (E&O) - Prof Liab<br>- Claims Made | N | N | PEC 0112862-10 | 03/31/2025 | 03/31/2026 | Per Claim: 2,000,000<br>Aggregate: 2,000,000 | |

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

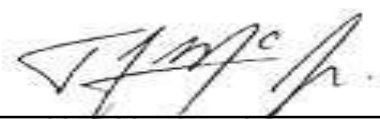
**CERTIFICATE HOLDER**

**18259705**
SCS Engineers, SCS Energy, SCS Field
SCS Tracer Environmental
3900 Kilroy Airport Way, #100
Long Beach, CA 90806-6816

**CANCELLATION** See Attachment

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



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SCS Engineers, SCS Energy, SCS Field
SCS Tracer Environmental

3900 Kilroy Airport Way, #100

Long Beach,, CA 90806-6816

**To whom it may concern:**

In our continuing effort to provide timely certificate delivery, Lockton Companies is transitioning to ***paperless delivery*** of Certificates of Insurance, thus this is your final hard-copy delivery.

To ensure electronic delivery for future renewals of this certificate, we need your email address. Please contact us via one of the methods below, referencing Certificate ID **18259705**

- Email: LACertseDelivery@lockton.com
- Phone: (213) 334- 4669

If you received this certificate through an internet link where the current certificate is viewable, we have your email and no further action is needed.

In the event your mailing address has changed, will change in the future, or you no longer require this certificate, please let us know using one of the methods above.

*The above inbox and phone number is for automating electronic delivery of certificates only.*
*Please do NOT send future certificate requests to this inbox or contact the phone number below with email updates.*

Thank you for your cooperation and willingness in reducing our environmental footprint.

**Lockton Companies**

Attachment Code : D568466 Master ID: 1506787, Certificate ID: 18259705

dca
DEPARTMENT OF CONSUMER AFFAIRS

**CONTRACTORS STATE LICENSE BOARD**
**ACTIVE LICENSE**

License Number **749678** Entity CORP

Business Name STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC

Classification(s) A HAZ

Expiration Date 05/31/2026 www.cslb.ca.gov

CSLB

Any change of business address/name must be reported to the Registrar within 90 days.

**This license is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. This pocket card is valid through the expiration date only.**

If found, drop in any mailbox.
Postage guaranteed by:
Contractors State License Board
P.O. Box 26000, Sacramento CA 95826

Licensee Signature

POST IN CONSPICUOUS PLACE OR KEEP ON PERSON

# CITY OF SAN DIEGO * CERTIFICATE OF PAYMENT OF BUSINESS TAX

SCS ENGINEERS / ENVIRONMENTAL BUSINESS SOLUTIONS
AMY MILANES
3900 KILROY AIRPORT WAY #300
LONG BEACH CA 90806-6852

**Certificate Number:** B1993000875

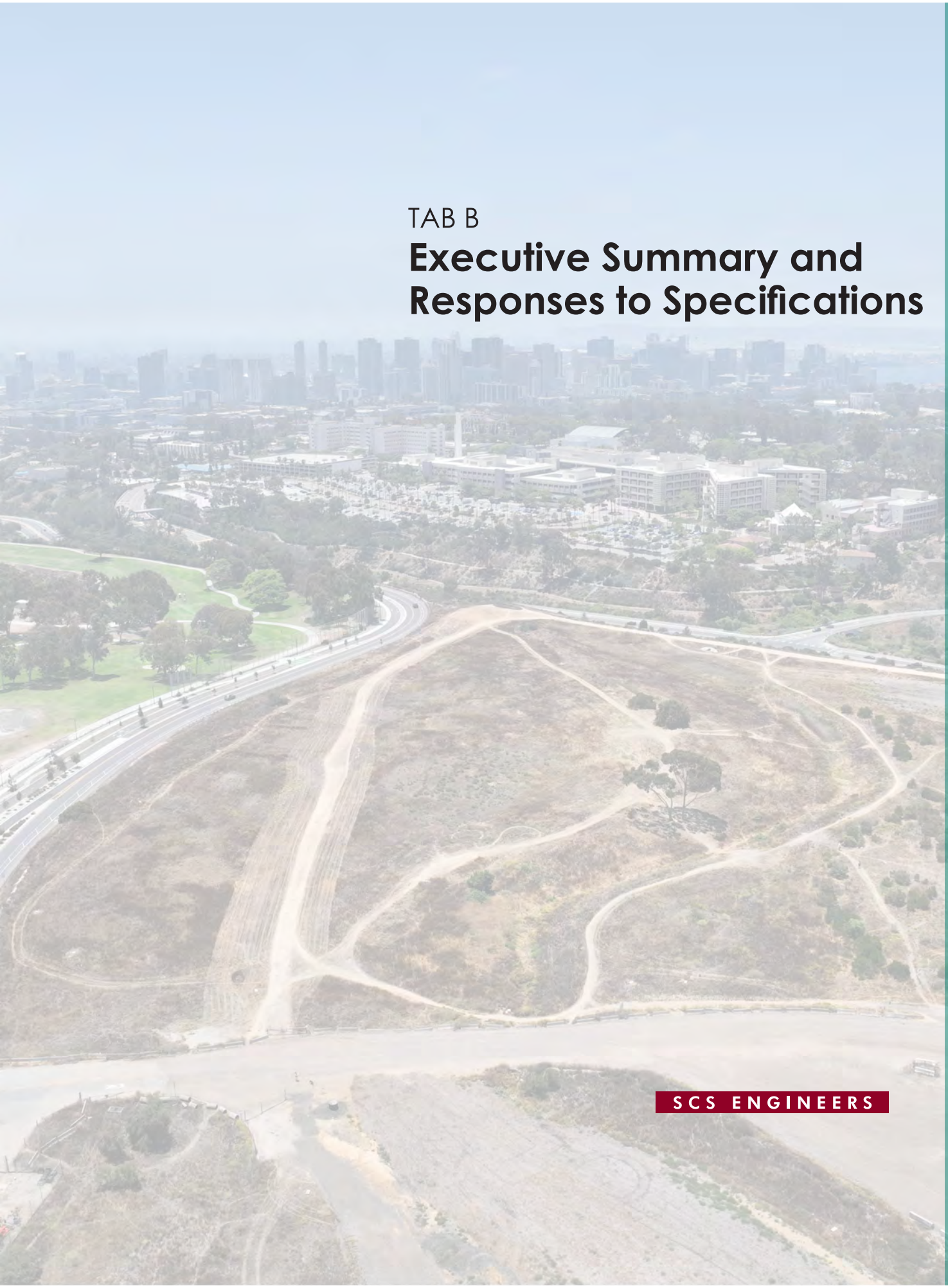
**Business Name:** SCS ENGINEERS / ENVIRONMENTAL BUSINESS SOLUTIO
**Business Owner:** STEARNS CONRAD & SCHMIDT CONSULTING ENGINEERS
**Business Address:** 8799 BALBOA AVE #290
SAN DIEGO CA 92123-1568

**Primary Business Activity:** PROFESSIONAL, SCIENTIFIC & TECHNICAL SERVICES

**Secondary Business Activity:**

**Effective Date:** 03/01/2025
**Expiration Date:** 02/28/2026

PLEASE NOTIFY THE CITY TREASURER'S OFFICE IN WRITING OF ANY CHANGE IN OWNERSHIP OR ADDRESS – PLEASE SEE REVERSE SIDE FOR ADDITIONAL INFORMATION



TAB B

# Executive Summary and Responses to Specifications

SCS ENGINEERS

TAB B
Executive Summary and Responses to Specifications

# TAB B. EXECUTIVE SUMMARY AND RESPONSES TO SPECIFICATIONS

# Landfill Gas Systems Support Services

Solicitation No. 10090245-25-R







**OP070084.25 | July 8, 2025**

Submitted to:
City of San Diego
Purchasing & Contracting Department
1200 Third Avenue, Suite 200
San Diego, CA 92101
619-236-5923


SCS ENGINEERS

8799 Balboa Avenue, Suite 290
San Diego, CA 92123
858-571-5500

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Living Wage Ordinance Certification of Compliance
Department of Industrial Relations (Dir) Registration Number
License
Business Tax Certificate

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# EXECUTIVE SUMMARY

The City of San Diego is known as one of the world's best tourist destinations and a great place to live. In addition to currently serving 285,000 residential customers, **the City's Environmental Services Department is charged with protecting public health and the city's environment by operating and maintaining two of its inactive landfill sites—Arizona Street Landfill and South Chollas Landfill.** Both sites have landfill gas control and collection systems that must be operated and maintained to comply with all current federal, state, and local rules and regulations.

As one of City's long-term engineering partners for solid waste and Landfill Operation, Monitoring, and Maintenance (OM&M) efforts, **no one better understands the significance of the City's charge than SCS Engineers—the firm that has been working on these landfill sites for over a decade!** SCS seeks to continue providing support to the City for the requested scope of services as stated in the City's Request for Solicitation No. 10090245-25-R for Landfill Gas Systems and Support Services and Addenda A, dated 06/30/2025, and Addenda B, dated 7/3/2025.

We are more than familiar with the City's operations, personnel, and contractual policies and procedures and all the regulatory agencies involved. This familiarity, coupled with our commitment to providing your team with responsive, quality work, and excellent service results in the following benefits to the City:

- **Highly productive, well-established working relationships.** SCS has a long, proven relationship working with the City on several contracts throughout the years. Our team and our proposed subcontractors, with whom we also have long-standing relationships, means we are confident in our team's synergy with you. *We have proven track record of providing your staff with responsive and value-added service.*

- **Successful implementation and long-term success.** Our team has extensive OM&M experience at the City's landfills. With our first-hand knowledge of the sites, SCS has aided the City in forecasting site improvements over our recent contract. Working together with the City, SCS will continue to assess OM&M performance and prioritization of system improvements. *By choosing SCS, the City will see their long-term goals and continued success realized.*

- **Maintenance of regulatory compliance.** SCS fully comprehends your regulatory compliance requirements and expectations, and we have immense resources and first-hand site experience to fulfill this mission. Our experts are on top of all of the local, state, and federal regulations, including proposed ones that can affect landfills in the future. As such, our team is well prepared to assist the City in complying with these regulations, including predicting future compliance obligations so the City can plan for them. *This predictive planning will help the City plan ahead and avoid any unforeseen expenses.*

Over the term of our existing contract with the City, we have learned a number of lessons that are largely tied to the experience and skills of on-site staff. Learning from our past experiences has driven our approach to building our team and our approach to work presented here. Our team is confident that our proposal supports and augments the City's overall environmental and site-specific goals. We look forward to continuing to support your team with the routine, and non-routine/ emergency services at City's Arizona Street and South Chollas landfill sites.

# 1. PROJECT UNDERSTANDING

## Understanding of the Project

Our understanding of the project is based on our many years of our first-hand experience and knowledge at the subject sites, and SCS's vast experience with LFG system operations, monitoring, maintenance, and construction services, and predominantly our years of experience at the subject sites. We recognize that while both the South Chollas and Arizona Street Landfills are older, inactive sites located within the heart of San Diego that no longer accept municipal solid waste, they are also both now being utilized as public facilities which are surrounded by populated areas. **While these sites have not served as active waste disposal facilities for many years, the placed waste is still generating landfill gas which must be collected to maintain both the health and safety of the workers and community who use the facilities, as well as those who work on live adjacent to the sites.** In addition to ensuring the safety of those who are on or around these sites, it is also imperative to the City that these sites be operated and maintained to be in compliance with all applicable regulatory requirements, while preventing groundwater impacts, lateral gas migration, and excessive air and GHG emissions.

The existing gas collection systems that are in place and operational at both sites have been the key elements of maintaining regulatory compliance and environmental health and safety in their respective locales. As these systems have been in service for many years, SCS fully understands the need to carefully maintain and care for them while also balancing the fiscal and budgetary considerations of the City.

**SCS will continue listening to your needs and objectives, all while continuing to provide sound recommendations, cutting edge strategies, and cost-effective solutions.** SCS has developed a comprehensive strategy to achieve compliance in all areas for the City, which we present in our Scope of Work, in Section 2, which will maintain these facilities in such a manner that the balance of the operational goals of public health and safety and environmental regulatory compliance are preserved, while remaining stewards of fiscal responsibility.

We believe there are ten (10) key core components in understanding the overall projects and sites which will result in SCS delivering the highest levels of success and satisfaction to the City as follows:

- **Responsiveness.**
- **First-hand knowledge and Experience.**
- **Safety.**
- **Care of the City's Assets.**
- **ESD and City Relationships.**
- **Data Management and Technology Services.**
- **Industry Relationships.**
- **Communications.**
- **Local Resources.**
- **Fiscal Stewardship.**

These core components are discussed in greater detail under the following section.

## Our Ability to Deliver

Stearns, Conrad and Schmidt, Consulting Engineers, Inc., dba SCS Engineers, has been in business for 55 years and as we have proven, highly qualified to provide the requested services. SCS

specializes in design, construction, and OM&M of LFG systems, air quality and regulatory compliance, groundwater and leachate system monitoring and maintenance, and landfill engineering. SCS is one of the oldest and largest privately held environmental service firms in the United States and is a recognized world leader in the fields of solid waste engineering, specializing in LFG. The firm, founded on Earth Day in 1970, and employs nearly 1,400 professional and support staff located in 73 offices throughout the nation. **SCS is independently owned by its employees, including all members of our project team, and we are all committed to providing objective, responsive, and superior services to clients like you.**

**For 7 of the last 10 years, SCS has ranked at the top of the ENR Solid Waste Consulting Firms list in the United States.** Our solid waste practice is the core of SCS's business, and no other firm in the industry has the same depth of experience. The SCS Project Team presented to the City here, has unsurpassed experience in GCCS OM&M, LFG-to-energy (LFGE) OM&M experience, Title V and New Source Performance Standards (NSPS) compliance, Title 27 California Code of Regulations (CCR), federal and state Greenhouse Gas (GHG) and AB 32 compliance, Air Pollution Control District (APCD) experience, including Rule 59; and first-hand knowledge of the sites and associated issues that make us ideally suited to provide the requested services. We deliver unparalleled solutions that enhance the clients' bottom line and competitive position without compromising regulatory or environmental integrity. SCS has constructed several hundred LFG management systems, and **currently operates, maintains, and/or monitors more than 650 systems throughout North America. SCS is proud to note that it manages nearly 23,750 LFG extraction wells, more than any engineering contractor nationwide**.

SCS's landfill and LFG engineering capabilities are summarized below.

| | | |
|---|---|---|
| **Landfill Services** | **LFG Management**<br>• Air Quality Permitting<br>• Construction<br>• Design and Permitting<br>• Due Diligence for Financing<br>• LFG Control Systems<br>• LFG-to-Energy (LFGE)<br>• Operation and Maintenance<br>• Site Investigations<br>**Remediation**<br>• LFG Migration<br>• Remedial Measures<br>• Feasibility Studies<br>• Design<br>• Construction Management<br>**Landfill Engineering**<br>• Design and Permitting<br>• Alternative Liner Demonstrations<br>• Alternatives Evaluation<br>• Bid Documents<br>• Bioreactors<br>• Capacity Optimization<br>• Construction Plans<br>• Construction Services | • Landfill Designs (All Phases)<br>• Leachate Collection Systems<br>• Liner System Design<br>• Permitting, Expansions<br>• Permitting, Greenfield Sites<br>• Site Investigations<br>• Siting<br>**Operations Program Development**<br>• Airspace Management<br>• Alternate Daily Cover<br>• Alternate Materials Application<br>• Hazardous Waste Exclusions<br>• Special Waste Management<br>**Closure/Post-Closure**<br>• Planning and Permitting<br>• Final Cover Designs<br>• Closure Documentation<br>• End-Use Planning<br>• Post-Closure Monitoring and Inspection<br>• Financial Assurance<br>• Landfill Redevelopment<br>**Groundwater Monitoring**<br>• Well Installation<br>• Monitoring Plan |

| | | |
|---|---|---|
| | • Construction Quality Assurance (CQA)<br>• Feasibility Studies<br>• Geotechnical Engineering<br>• Hydraulics<br>• Hydrogeology | • Reporting<br>• Corrective Action<br>• Investigation and Modeling |

We will deliver success to the City through:

**Responsiveness:** SCS will provide experienced local technicians, local construction crews, and a local Project Management Team that possesses a full and comprehensive understanding of the City's issues and goals, has a long history and exceptional working relationships with the City staff, and is ready and willing to respond at a moment's notice. **SCS has a significant number of highly qualified local technical and professional personnel that can be mobilized on short notice to respond to any request and is keenly aware of the need to ensure operations are not impacted while maintaining the LFG and condensate collection systems within regulatory requirements.**

Our site technicians will continuously monitor the operation of all the mechanical systems on their sites. If a change in operation is noted or malfunction suspected, we will respond to troubleshoot and/or identify the problem quickly. If the repair is within our capability, we will initiate the repair process, while communicating progress with the City. We have found that this has been a valuable service to our clients. With our ability to initially respond to a mechanical or operational problem and make an assessment, we have saved our clients a considerable amount of money by not having to call in a mechanical contractor to make an initial assessment.

**Our ability to immediately respond and mobilize full crews at a moment's notice has aided the City at critical moments where health and safety and regulatory compliance are at stake. During an event in 2024, SCS mobilized a full technician crew within an hour to assist the City with monitoring atmospheric conditions in a paved section of the South Chollas landfill where concerns of potential LFG emissions exposure to City staff existed. Through our local presence and bench depth of fully equipped and knowledgeable staff, SCS confirmed atmospheric conditions were safe for City staff and the public alike. The City can continue relying on our responsiveness during this next contract period.**

**First-hand Knowledge and Experience:** There will be no learning curve to affect our Team's progress: we will be able to "hit the ground running," because we have been doing this exact work for 30 years and are currently working with the City on these very sites for this very scope of work. All of our subconsultant Team are tested partners, having worked with us before, have hands-on experience at these sites and other landfills throughout San Diego. **This team understands the City's needs related to the program; we have extensive site experience; a hands-on Project Director, Brian Duffy and Project Manager Joe Santos, who have been successfully overseeing this program for more than 10 years, and personally responding to the City's needs when called upon, especially in emergencies.**

**Safety: We** take great pride in promoting a safe working environment. Every workday, SCS commits to safeguard our employees, our clients' employees, and our subcontractors' employees' health and welfare, as well as our clients' facilities and operations.

**Based on lessons we have learned in the field, SCS has transformed its safety culture, while establishing safety as the top priority.** Highlights of our safety program include:

- Workflow for incident reporting integrated into project management process, requiring immediate notification to supervisors and detailed documentation of any incidents. The process includes guidance for OM&M team members members—Focused on investigation and documentation of violations, if any.

- Our human resources team partners with our OM&M supervisors to ensure new employees are quickly and appropriately trained before entering the field. To this end, SCS has established regional training centers and offers both in-person and online training modules.

- Employees are empowered to use stop work authority and feel supported in doing so.

- OM&M supervisors conduct regular in-person meetings to communicate safety protocols and expectations, ensuring consistent enforcement of safety rules across all projects.

**Care of the City's Assets: SCS** recognizes that every piece of equipment or component is a valuable City asset and must be protected, maintained, and operated in a manner consistent with the intent and manufacturer's recommendations. In addition to the expertise provided at each site by the assigned technician, SCS will assign a mechanic to conduct periodic inspections and routine maintenance of various components such as air compressors, blowers, motors, etc. Our mechanic will ensure that all equipment is maintained in accordance with the manufacturer's recommendations; install service record tags, as appropriate, for the individual piece of equipment; enter the appropriate service record information on the tag, after each service event. This enables anyone to view the service tag and note when the equipment was last serviced, what was done, and when it will be serviced again.

**ESD and City Relationships: This** strong relationship is utilized to successfully communicate on all aspects of this project. The primary point of contact for the City staff will be our Project Manager, Joe Santos He is accessible 24 hours a day, 7 days a week through face-to-face meetings, direct phone link, and email at jsantos@scsengineers.com. He will be supported by Mr. George Gutierrez and our Project Director, Brian Duffy, who are also be accessible 24 hours a day, 7 days a week through face-to-face meetings, direct phone link, and email at ggutierrez@scsengineers.com and bduffy@scsengineers.com.

**Data Management and Technology Services: Through** the use of our secure database, SCSeTools®, technicians and managers have the ability to parse field data and identify potential concerns quickly and effectively. Not only does SCSeTools serve as a repository for field data, but site documents such as reports, permits, certification records, community health and safety plans, etc., can all be uploaded to the database as well. SCSeTools serves as a one stop shop for all things site related. The SCSeTools suite of data management technologies offers you unparalleled convenience, accuracy, and control over your data management and regulatory reporting responsibilities. No other suite of data management technologies provides similar features and benefits. SCS currently utilizes this application to inform the City during monthly meetings of the health and compliance of their sites. SCS provides this service to the City, free of charge, and will continue to do so as a value-added commodity during the duration of the contract. Additionally, SCS will provide technical support and web-based orientation and training for City users to become more familiar with the system.

**SCS is at the forefront of new and developing technologies used for regulatory monitoring and compliance at landfills. As a value-added service to the City, SCS will utilize some of these technologies at no added cost to the City under this contract.** SCS technicians are trained to use Remote Methane Detectors and Thermal Imaging Scanners, and two of our technicians here in San Diego are certified Aerial Drone pilots. We will use these technologies to assist the City with maintaining regulatory compliance and public health and safety at the sites.

**Industry Relationships: SCS** maintains a close relationship with a wide variety of material and component manufacturers and suppliers both locally and nationally. **We have the ability and experience to locate material and components that may require an expedited delivery to ensure continued regulatory compliance or the operator's ability to continue to place waste uninterrupted.** The same is true for specialized component troubleshooting/repair/replacement service contractors. Over the years, we have identified and established close working relationships with local and national firms that specialize in troubleshooting/repairing and rebuilding the various components of the LFG and condensate collection systems. We have in-depth knowledge of their experience and ability to successfully complete a given task. These firms have proven to be reliable and able to respond to unforeseen events in a timely manner.

**Communications:** All of our managers and technicians are equipped with cell phones and laptop computers**. Our in-field use of these devices streamlines the data upload/download workflow process, allowing our technicians quick access to review field data to make quick, decisive, and informed decisions while operating the City's systems**. This has proven to be a particularly valuable information resource in the event an anomaly is encountered during a monitoring event. Our technicians have the field capability to access our database, view previous information/readings, and trend a particular well, or series of wells, to help identify any suspect trends that may require an immediate response or action. As a cost savings measure, SCS requires the technicians to upload their well monitoring data to SCSeTools on a daily basis before leaving the site. Once the data is uploaded, SCSeTools has the ability to indicate all wells that are out of compliance and that require further action and follow-up monitoring. The technician can then perform the required corrective action and follow-up readings to bring the well back into compliance on the same day the exceedance was recorded, thus eliminating the need to return to the site at a later date to perform the required corrective actions.

**Local Resources: The** ability to be able to continuously and reliably collect LFG is a cornerstone in maintaining public health and safety as well as regulatory compliance. Landfills, whether active or closed, are in continuous change. When systems malfunction or pipelines break, the need to safely and swiftly take corrective actions is paramount to the City's goals. When regulators show up on your sites unannounced – you need a response, information, and data immediately. SCS has demonstrated the importance and value, on many occasions over the years we have been providing our services to you, of having a local, reliable, and highly skilled partner who is capable and will respond immediately to these types of operational challenges to perform corrective action, troubleshooting, and repairs to the City's gas collection systems.

Our local, San Diego-based monitoring and technician team consists of over 15 individuals, ranging from managers, mechanics, and field technicians—**all** of whom can and will respond swiftly to your needs when they arise. Our local, San Diego-based construction team consists of a minimum of six (6) highly trained and experienced staff—which includes a Senior Project Manager, superintendent, equipment operators, fusion technicians, and laborers. We own and maintain a vast array of equipment locally, including multiple pipe fusion machines, pinch-off tools, hand and power tools, and safety equipment such as trench ventilation blowers and supplied air systems.

**Fiscal Stewardship: Through** our long-standing contractual relationships with municipal clients, SCS is keenly aware of the challenges departments are faced with to do more with ever-dwindling financial resources which are allocated for site maintenance and upkeep. To successfully manage the implications and outcomes of these financial considerations, a partnership between consultant and client is required. Forging these types of partnerships allows both entities to be good stewards, and to maximize the returns of the funding being invested in a given project or task.

**We at SCS are very proud of our track record of delivering high-quality solutions to our municipal clients, while being on time and under budget. Our philosophy is that your success is our success. SCS consistently demonstrates these values to all of our clients, and we will continue to do so for the City for the duration of this contract.**

# 2. TECHNICAL APPROACH

## 2.1 Methodology

Table 1. Routine Scope of Work

LFG System Operations, Monitoring, and Maintenance:
South Chollas and Arizona Street Landfills

| Task | South Chollas | Arizona Street |
|---|---|---|
| Blower Flare Station (BFS) Activities | W/M/Q/A | W/M/Q/A |
| Wellfield Activities | M | M |
| LFG Condensate Sumps Inspections | M | M |
| Reporting | M | M |
| LFG Perimeter Probe Monitoring | Q | Q |
| Landfill Surface Inspections | D/W/M | D/W/M |
| LFG Collection System Component Emissions Monitoring | Q | Q |
| NSPS/Rule 59 Surface Emissions Monitoring | Q (x3/year) | Q |
| AB 32 LMR Surface Emissions Monitoring | A (x1/year) | NA |
| Remote Methane Detector Emissions Scans | M | M |
| AB 32 LMR Flare DRE Testing | TA | NA |
| Regulatory Inspections | A | A |
| Instrumentation Calibration Activities | A/BA | A/BA |
| Data Management Services | D/W/M | D/W/M |
| Meetings | M | M |

D = Daily
W = Weekly
M = Monthly
Q = Quarterly

SA = Semi-Annually
A = Annually
BA = Bi-Annual/Biennial
TA = Tri-Annual
NA = Not Applicable

### 2.1.1 Method to Accomplish the Work

SCS takes great pride in promoting a safe working environment while controlling landfill emissions of methane and NMOCs. The combined resources of the proposed SCS Project Team provides the City with OM&M, construction, compliance, and engineering experts that are intimately familiar with site. This expertise and direct experience will allow us to continue to assist the City with any and all current and future remedial efforts as necessary to control landfill emissions, LFG migration and impacts to groundwater, with a goal of maintaining compliance with applicable environmental regulations, while preserving and enhancing public safety and quality of life through reliable, cost-effective decisions. SCS will provide the City with *Superior Client Services* while implementing routine services as described below.

Through the combination of SCS's knowledge of the City of San Diego's processes, our experienced project management and technical team, our ability to deliver daily system monitoring and verification, rapid response and reporting from SCS's value-added service/technology tools, and regular staff training on technical and compliance related issues, such as annual health and safety training, the City can be assured that SCS will perform the requested services in compliance with the City's requirements (RFP Addenda B, Exhibit B, Section 1, and O). As required, in Addendum B, we have developed a level of effort for this project indicating each discipline and key personnel. Please

note, this level of effort estimate is for Year 1 of the contract and assumes a start date in July 2025. An updated schedule will be provided at the start of the contract, following discussions with City staff. The schedule is presented on page 68 of the proposal.

## 2.2 Scope of Work: OM&M Tasks

### 2.2.1 Routine Services

#### Routine Operations, Monitoring, and Maintenance

**Blower/Flare Station Activities – Weekly Basis**

Each week, monitoring activities of the LFG BFS will include, but are not limited to:

- Recording of meteorological conditions such as wind velocity, barometric pressure, ambient temperature, etc.).
- Flare inlet LFG stream concentrations (methane, carbon dioxide, oxygen, and balance gases), LFG total flow rate, system vacuum, and flame arrestor and blower pressure readings. Any significant changes in pressure readings will be noted and investigated as needed.
- Flare stack temperature monitoring. Burners and thermocouples will also be assessed for proper functionality.
- Flare controls will be verified for proper operation, including alarm lights, oxygen analyzer, flow meter, electronic data recording devices, and emergency alarm notification devices.
- Knockout vessel will be checked for condensate levels, liquid blockages and/or leaks and proper operation.
- LFG condensate conveyance systems and collection tanks will be monitored for liquid levels and leaks.
- System piping valves will be verified and tested for continued functionality.
- LFG blowers and site air compressors will be inspected for excessive noise/vibration, moisture build-up will be drained, and temperature readings of the blower inlet and outlet bearings will be documented. Air compressor pressures will be documented.



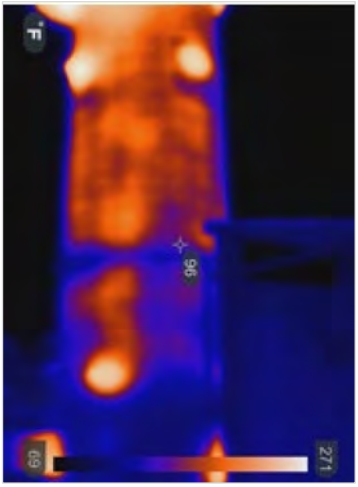
- Propane tank levels will be verified.
- Housekeeping activities will be conducted to provide a safe and professional working environment.
- System troubleshooting as required.

Results will be documented on site, electronically uploaded to the SCSeTools database, and included in monthly monitoring reports.

### Blower/Flare Station Activities – Monthly Basis

On a monthly basis, SCS will provide the following services:

- Lubrication of the blower and motor bearings, inspection of blower drive shafts.
- Servicing of site air compressors and replacement of belts, air filters, and oil.
- All gauges will be inspected and verified to be in good working order.
- Check and exercise all valves.
- Condensate traps will be checked for leaks and/or blockages and pump operation will be verified.
- As a **value-added service**, SCS will utilize our thermal imaging cameras during our site inspections as a preventative measure to locate potential "hot spots" on each flare stack's shell. These images will be provided to the City in the monthly operations reports. SCS will notify the City of any immediate concerns of potential hot spots on the flares within 24 hours of detection.



### Blower/Flare Station Activities – Quarterly Basis

On a quarterly basis, SCS will provide the following services:

- All alarm signals (e.g., blower failure, vibration, high temperature, low temperature, etc.) will be simulated for proper operation and notification.
- Operational use of the blowers at each site will be rotated to ensure the lifespan of the units.
- **As a value-added service**, SCS will utilize our orbital 360° camera and our aerial drone to inspect the integrity of the refractory insulation and burner decks of both flare stacks. These inspections will be conducted in conjunction with alarm signal simulations to utilize the downtime efficiently and will serve as a proactive measure to identify potential failing sections of insulation and any servicing of the burners that may be needed. Any damage to the refractory insulation or burners will be reported to the City within 24 hours of observation. Photos of the inspections will be made available to the City in the monthly operations reports. Videos of these inspections can be made available to the City electronically upon request. Replacement of failed sections of refractory insulation or burners will be considered a non-routine, as-needed scope item.



### Blower/Flare Station Activities – Annual/Biennial Basis

On at least a biennial basis, but no more than on an annual basis, SCS will utilize our third-party sub-consultants to provide the following services:

- Manufacturer's calibration of site flow meters; conducted in-situ by Thermal Instrument Company, Inc. at South Chollas and by Frank's Industrial Services, Inc., at Arizona Street.
- Calibration of oxygen sensors; conducted by Frank's Industrial Services, Inc.

SCS brings to the table our knowledge and experience of the strict manufacturer's schedules and regulatory deadlines that are required to keep these components functional and within compliance of the sites' permits to operate. **As an additional value-added service and to maintain ourselves as fiscal stewards for the City, if SCS is awarded the contract we will continue to schedule these services in-sync with the calibration schedules of the various other landfills SCS monitors across San Diego County.** This will reduce travel costs that would normally be incurred by scheduling multiple trips to sites to conduct these services on an individual site basis.

Weekly flare station reports, monthly and quarterly checklists, and monthly maintenance reports will be included in monthly site monitoring reports.

### GHG Monitoring

One time per week, SCS will collect and record instantaneous gas quality readings (methane, carbon dioxide, oxygen, balance gas, pressure, and temperature) using a GEM 5000 landfill gas analyzer from the identified sample locations. These readings will then be uploaded to SCSeTools (and will be accessible to the City) for historical and reporting requirements. In addition, instrument field calibration documentation will also be completed and electronically stored for each sampling event.

### Annual Source Testing and Reporting

Under the AB 32 LMR standards, the South Chollas flare will be source tested for destruction and removal efficiency (DRE) of methane. SCS will utilize Total Air Analysis to perform this DRE testing, which must be conducted over a 4-hour period of flare operation. This also requires that SCS provide stack access (manlift) and be present for safety and operational considerations during set up, sampling, and de-mobilization. In addition, SCS will provide review and interpretation of results to the City.



### LFG Wellfield Operation, Monitoring, and Tuning

On a monthly basis, and in accordance with all applicable local, state, and federal regulations, the LFG extraction wells will be monitored and adjusted to control LFG migration and potential surface emissions. Any LFG extraction wells found to be out of compliance will be reported to the City within twenty-four (24) hours of detection. This will allow the City to notify the regulatory agencies within regulatory reporting timelines. SCS will perform additional monitoring of affected wells to comply with applicable well exceedance re-monitoring timelines under this scope item, and additional monitoring on an as-needed basis at applicable locations in response to wellfield conditions. **As an added value**, SCS will conduct full wellfield analyses for both sites using the SCSeTools database tools at our disposal and at no cost to the City to evaluate current field conditions and to develop target goals for gas flow and gas concentrations. These targeted performance goal recommendations will be submitted to the City for review prior to implementation of field adjustments.

Monthly monitoring will consist of each extraction well to be tested for LFG temperature, wellhead vacuum, header vacuum, LFG concentrations (methane, carbon dioxide, oxygen, balance gases), and LFG flow rate using a Landtec GEM 5000. The GEM 5000 will be calibrated with fresh air and a gas mixture of 50 percent methane/35 percent carbon dioxide on a daily basis to ensure that the most accurate data is collected. Test results for extraction well data will be uploaded and stored in SCSeTools and analyzed for long-term trends (i.e., reduction in header vacuum indicating possible condensate blockage, increased temperature indicating possible subsurface combustion, decreased flow rates indicating a reduction in LFG production, etc.). Additionally, SCS will inspect the general condition of the well casings during the monthly visits. Minor repairs shall to the wellhead side of the wells (i.e., quick-connect fittings, flex hoses, orifice plates, etc.) will be conducted on a routine, as-needed basis.

The wells at Arizona Street and the majority of wells at South Chollas are located within vaults. As required, but not less than once per month, SCS will remove excessive insects from the vaults, with the exception of bees and associated beehives, which will be considered a non-routine scope item. Every effort will be made to seal the vaults as well as possible to prevent infestations. Excessive vegetation up to a 5-foot radius will be removed from well and vault locations. Excessive dirt shall be removed from each well vault. Proper identification labels will be maintained at each well. Deleterious conditions will be reported to the City's project manager within 24 hours of observation.

### GCCS Monitoring Ports

Once per month, SCS will collect and record instantaneous LFG concentrations (methane, carbon dioxide, oxygen, balance gases) using a GEM 5000 landfill gas analyzer from the identified sample locations. These readings will be uploaded to SCSeTools for data trending and field analysis. In addition, instrument field calibration will also be completed and electronically stored for each sampling event.

### GCCS Condensate Sumps



As required, but not less than once per month, SCS will inspect the condensate sumps for proper operation and workability. LFG sump liquid levels, sump casings/vaults integrity, pumps, and the conditions of the air supply and liquid discharge lines and corresponding couplings will be inspected. Minor repairs shall be conducted on an as-needed basis. We will follow the same excessive insects, soil, and vegetation removal protocol established for the well vaults for the sump vault locations.

## LFG Perimeter Probe Monitoring

The perimeter gas monitoring wells will be tested for static pressure, methane, oxygen, carbon dioxide, and nitrogen (balance) gas concentrations on a quarterly basis using a Landtec GEM 5000 in accordance with California Code of Regulations (CCR) Title 27. The GEM 5000 will be calibrated with fresh air and a gas mixture of 15 percent methane/15 percent carbon dioxide on a daily basis to ensure that the most accurate data is collected. The data will be collected, recorded, and stored in SCSeTools and analyzed for long-term trends (i.e., increase in carbon dioxide or static pressure indicating possible LFG migration). If analysis of the data determines LFG migration to be occurring, SCS technicians will be immediately dispatched to conduct remedial efforts to curtail any possible danger to the health and safety of the public and the environment. Any perimeter probes found to be out of compliance will be reported to the City within twenty-four (24) hours of detection. This will allow the City to notify the regulatory agencies within regulatory reporting timelines. **As a value-added item**, SCS will also perform initial exceedance verification readings or 7-day follow-up

readings as part of this routine Scope item. Additionally, SCS will inspect the general condition of the probe vaults during probe monitoring events. Minor repairs shall be conducted on a routine, as-needed basis. We will follow the same procedure as previously noted regarding mitigation of excessive insects, soil, and vegetation removal protocol established for the well and sump vaults for the probe vault locations.

### Surface Emissions Monitoring

SCS is intimately familiar with the surface emissions monitoring (SEM) programs established at each site. Our project director, **Brian Duffy**, was key in pioneering a combined instantaneous and integrated surface sampling monitoring program implemented for the California AB 32 Landfill Methane Rule (LMR) SEM requirement as a cost-savings solution for our clients. As the City is aware, AB 32 LMR SEM is comprised of two types of monitoring: instantaneous monitoring and integrated surface sampling. Our monitoring program combines these two requirements, reducing the need to monitor the established surface areas (grids) from twice down to one pass per event, effectively reducing costs for our clients. Furthermore, because of the significant reduction in field man-hours and data analysis time originally required, local regulators took notice and thereby adopted and implemented this combined monitoring approach for their inspections. The City currently reaps the benefits of this fiscally responsible approach at its landfills. SCS will continue to provide this service as a cost savings for the City for the AB 32 LMR portion of the SEM program for the South Chollas Landfill.

SCS understands that each site has its own unique SEM requirements. SCS will continue to provide the surface monitoring contractor, supervision, and all client/site interface to ensure that SEM programs at each site are completed per the respective local and state regulations that apply: SDACPD Rule 59 and California AB 32 LMR. Any exceedances found will be reported to the City within twenty-four (24) hours of detection. This will allow the City to notify the regulatory agencies within regulatory reporting timelines. SCS will provide recommendations for remedial actions to the City and will conduct any required re-monitoring as an as-needed non-routine service. SEM results will be provided in each site's monthly report corresponding with the month the monitoring event was completed.

The SEM program table below details the regulations, monitoring requirements, and monitoring frequency required for each site.

Table 2. SEM Program Details

| Site(s) | Regulation | Requirements | Frequency |
|---|---|---|---|
| South Chollas | California AB 32 LMR | • Instantaneous SEM at 25-foot spacing with a 500 parts per million (ppmv) methane limit, including testing of cover penetrations, with corrective action/re-monitoring.<br>• Leak testing of GCCS components not under vacuum at a 500 ppmv methane limit, including corrective action/re-monitoring.<br>• Integrated surface sampling (ISS) with a limit of 25 ppmv, as methane. | Annually (fulfills one quarterly event) |

| Site(s) | Regulation | Requirements | Frequency |
|---|---|---|---|
| South Chollas | SDAPCD Rule 59/59.1 | • Instantaneous SEM with a 500 ppmv methane limit.<br>• Leak testing of GCCS components not under vacuum at a 1,375 ppmv methane limit. | Quarterly (3 out of 4 quarters) |
| Arizona Street | SDAPCD Rule 59/59.1 | • Instantaneous SEM with a 500 ppmv methane limit.<br>• Leak testing of GCCS components not under vacuum at a 1,375 ppmv methane limit. | Quarterly |

### Surface Inspections

As required, but not less than once per month, SCS will visually inspect the landfill surface. Areas on the landfill surface identified to have settlement, cracking, ponding of water, or other conditions that may affect the proper operation of the GCCS will be recorded, plotted on a map, and reported to the County within 24 hours of the site inspection.

### Regulatory Inspections

SCS will provide assistance with and attend any annual SDCAPCD inspections for each site. SCS will provide documentation requested by the SDAPCD upon approval from the City. Our project team leaders, Brian Duffy and George Gutierrez, have intimate first-hand experience with attending these inspections and are very familiar with the SDAPCD's processes and procedures.

### Remote Methane Detection (RMD) Emissions Monitoring



SCS prides itself on being innovative and staying well informed of the newest technologies in the industry that will enhance our efficiency, as well as our ability to stay ahead of any potential compliance issues anywhere we monitor. SCS is equipped with remote methane detectors (RMD) to do just that. The RMD uses laser technology that can detect methane up to 100 meters away. As a **value-added service**, beyond the quarterly SEM's using an FID, SCS will utilize our RMD technology to scan any areas of the landfill surfaces that are too difficult to access or traverse under conventional surface monitoring methods. These areas will include steep side-slopes, areas of dense vegetation, and any areas deemed potentially unsafe for a technician to access. Findings above 200 ppmv will be plotted on a map and provided to the City in the monthly report. SCS will notify the City of these areas within 24 hours of detection and recommendations to improve surface cover to identified areas will be made to the City.

## Reporting

### Monthly

By the 10th day of each month, one (1) electronic copy of a comprehensive report for the site will be uploaded to SCSeTools and emailed to the City. Each monthly report will evaluate the prior month's

data from the well field and flare station, summarize all activities performed on the site during the reporting period, and will include a detailed map clearly indicating all monitoring locations and potential problem areas. Each monthly report will be reviewed and signed by two SCS staff. SCS will electronically store all monthly reports for 7 years to facilitate tracking of long-term trends. Physical copies of the monthly report can be provided to the City upon request.

### Annual

SCS will utilize our partners at BlueScape Environmental to prepare the required annual AB 32 LMR report for the South Chollas Landfill. The annual report will contain the following information:

- General site information.
- Total volume of LFG collected (scf).
- Average composition of LFG collected over the reporting period (reported in percent methane and percent carbon dioxide by volume).
- Gas control device type, installation, rating, fuel type, and total LFG combusted in each control device.
- Date GCCS installed.
- Percent methane destruction efficiency.
- Volume and composition of gas shipped off site.
- Type and amount of supplemental fuels burned with the LFG.
- Recent topographic map.
- All monitoring data.

SCS will organize and review the necessary data and records and then will prepare the draft initial annual report for the City's review. SCS will address up to one round of City comments and then will finalize the report for submittal to the SDCAPCD. This task will be invoiced in conjunction with the South Chollas AB 32 LMR SEM for a streamlined approach for City personnel to track these annual costs.

## Meetings

SCS will schedule meetings with the City staff a minimum of once per month. The purpose of these meetings will be to discuss and identify any issues, operations concerns, LFG collections systems OM&M, regulatory compliance issues, site recommendations, and other issues/concerns for the subject sites. Additionally, SCS staff (as appropriate) will meet with SDAPCD and/or other local regulatory agency staff as designated by the City and will prepare for and attend public meetings or hearings relating to LFG monitoring. SCS will continue to attend additional meetings at the City's discretion.

## GCCS Data Analysis

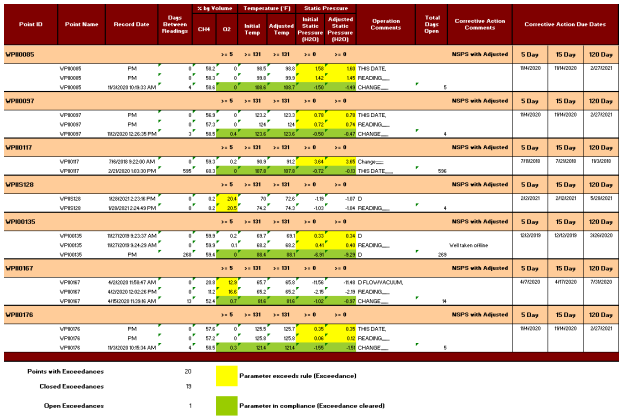



SCS will continue to provide SCSeTools for the sites **at no cost to the City**. SCSeTools SCS DataServices® is SCS's state-of-the-art, web-based service for managing environmental monitoring data, project documents, and compliance-related tasks. Launched in 2002, SCS DataServices is a proven system currently in use at over 650 sites (over 550 landfills) across the United States. The centerpiece of the SCS DataServices application is a site-specific application that accepts and stores electronic data collected by field monitoring instruments. In addition, project documents can also be uploaded and organized in a user-defined file tree system. Typical data management challenges, such as the location/ownership of "final" monitoring data, secure backup, and duplication of project files, are all solved as data and files are stored and accessed from a cloud-based environment with nightly segregated, secure file backup.

### Task and Compliance Management

To meet LFG extraction well monitoring regulatory requirements, the SCS DataServices module incorporates site-based on-screen management, which includes:

- Data approval still pending.
- Points not monitored, by type.
- Names of users assigned data approval.
- Automated data validation.
- Open tasks.
- Open exceedances.
- Programmed exceedances alerts.
- Task creation/calendar schedule tracking (*pictured*).
- Link to site map.



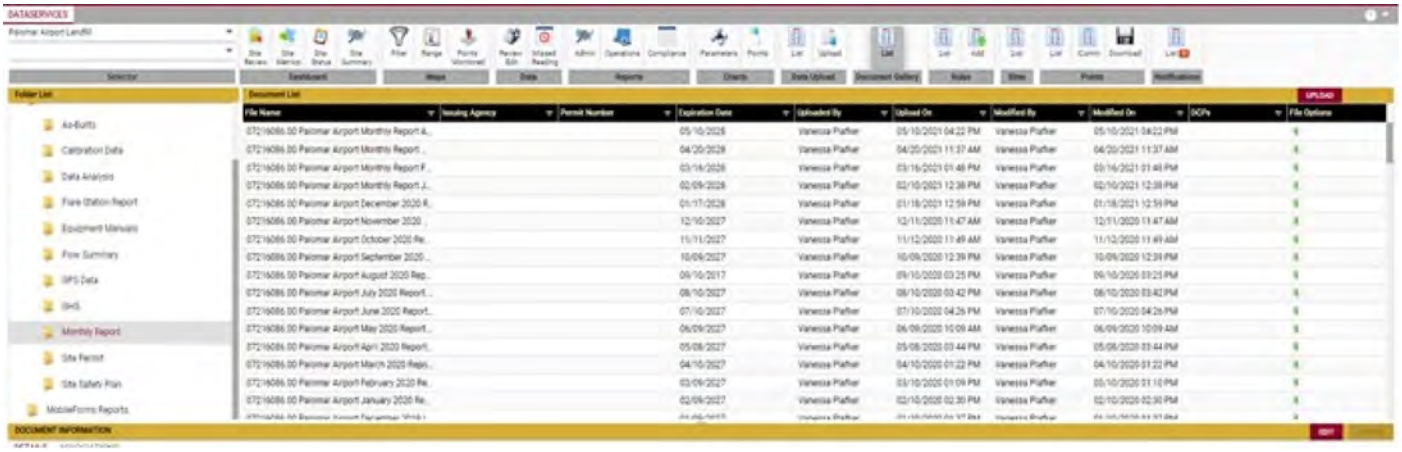

### Data Validation

Each month, additional data analysis exceeding regulatory requirements is generated and evaluated. The additional "data views" ensure that all probable monitoring trends are proactively discovered and documented. An example of the internal project management "Monitoring Data Analysis Report," "Interactive Geospatial Analysis," and "Trend Charts" will be provided to the City upon request. The free 5.0 viewer version of Google Earth™ and an internet connection (not provided) are required to access the interactive "geospatial" data analysis view.

## Document Management

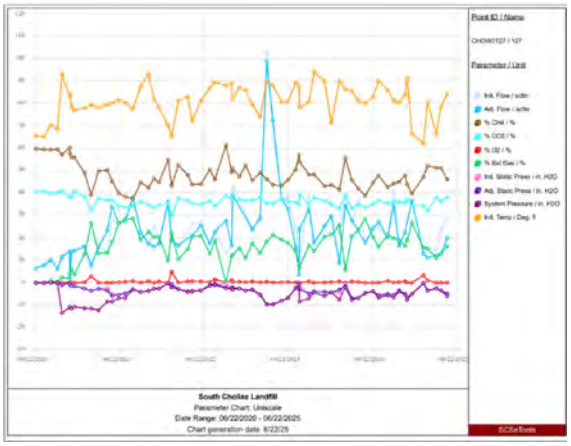
All important documents pertaining to the site can be uploaded and retrieved from the SCS DataServices module. Critical documents can be held in one secure area, and include:

- Well logs.
- Site topographical maps.
- As-built drawings.
- Flow meter calibration forms.
- Permits.
- Health and Safety Plans.



## Data Trending

Because landfills are dynamic facilities, knowing how the LFG system behaves over time is important for maximizing collection efficiency and operation. The SCS DataServices module includes trend analysis, data anomaly investigation, mapping, and reporting. Each well, or series of wells, can be pre-programmed for trigger points using user-specified conditions, or standard regulation parameters. Data trend analyses include but are not limited to changes in system pressures (drops or increases), increased/ decreased temperatures, increased/decreased flow rates, and potential decreased LFG generation.



### Geospatial Data Mapping

Mapping is a strong feature of the SCS DataServices module, enabling visualization of site data using a Google Earth® data mapping model.




Users can:

- Select data to be mapped by point type, point ID, parameter criteria, or data range.
- Highlight special conditions, such as open exceedances, point names, or abandoned/inactive points.
- Minimum/Maximum/Average/Most Recent Data analysis.

The SCS DataServices application will be set up and maintained through the life of our service contract at no additional charge to the City. At the close of the contract, source data tables will be organized and transmitted for the City's historical site records, or inclusion into a subsequent data management application. Upon starting each contract, a site-specific website will be created and maintained to include general project information, project documents, monitoring point as-builts, monitoring point-specific trigger limits, and exceedance and quality assurance email notifications. Website access will be limited by specified password and login role: Client, Project Manager, or Technician. An example project website has been created to illustrate current site structure. Detailed training on how to navigate and use the project website will be provided during project start-up.

## 2.2.2 Additional Services

Additional Services are tasks not identified under Routine Services and could include events that require immediate response or work items which could be required at highly variable intervals. These could include but are not limited to emergency call-out by on-site City personnel and/or auto-dialer, repair of main header line breaks (resulting in no gas flow to the Blower/Flare Station), odor complaints, and loss of flare ignition. SCS has demonstrated our ability to successfully perform these types of services throughout our long working relationship with the City – using internal resources and the long-established relationships with the subcontractors listed in this proposal.

The following Additional Services will continue to be performed by professional, knowledgeable, and highly skilled SCS staff, including, but not limited to, field services, construction, and engineering. SCS strives to maintain and improve the quality of service through optimal resource management and competitive pricing.

### Callouts/Emergency Response

It is understood that emergency repairs, by nature, cannot be anticipated in advance, and thus are considered to be non-routine tasks. Unscheduled maintenance will be performed on an emergency basis with subsequent notification to the client. Due to the critical nature and potential liability associated with the hazards of LFG, SCS shall respond to any call-out by an auto-dialer or request from ESD within four (4) hours of such call-out or request.

If the nature of the call-out requires additional manpower, equipment and/or materials, SCS shall be able to provide additional support within 2 hours of the request. This includes any call-outs before

and after the hours of Monday through Friday 0600 to 1800, and all day Saturday, Sunday and Holidays.

**Our local presence is an added value.** SCS has responded swiftly to a multitude of unscheduled and unforeseen emergency events for the ESD, including emergency responses to, and repair of, pressurized LFG transmission lines, flare control panel electrical failures, emergency repair of broken GCCS piping, and flare station equipment mechanical failures. We are proven, reliable, and have the local staff and resources available to respond to these events at a moment's notice.

## GCCS Repair Services

SCS shall provide an appropriately staffed and trained crew to respond within four (4) hours of notification to commence repair of any collection system or flare component that becomes damaged, broken, or otherwise inoperable, as required in order to ensure that the site will be able to maintain compliance within regulatory permit requirements. Labor rate charges will only commence upon arrival of the SCS staff on the site. Such repair items may include, but are not limited to:

- Flare thermocouple replacements.
- Flare instrumentation (i.e., $O_2$ sensors, flowmeters) malfunctions troubleshooting/repairs.
- Flare condensate tank, sumps, and/or condensate systems malfunctions troubleshooting/repairs.
- Air system malfunctions troubleshooting/repairs.
- Repair and/or replacement of piping damaged by others or calcite blockages.

Labor rate charges will only commence upon arrival of the SCS staff on the site. These rates include field labor oversight, professional review time, data review time, etc. All work will be recorded on a daily work record and will be approved by the ESD PM prior to invoicing.

## Condensate Collection and Disposal

As required, SCS will oversee the transfer and disposal of the LFG condensate from the collection tanks from the subject sites. Hauling of the liquid will be conducted by a third party contracted by SCS. The collected liquid will be hauled and disposed of by the third-party contractor at an off-site disposal facility. During collection of the LFG condensate, SCS will record PH and Temperature data from each tank. Volume tracking, reporting, and data management shall be included in these services.

SCS understands that there are significant costs associated with the condensate hauling and disposal. Our experience with these sites has displayed a frequency of one to two hauling and disposal events per calendar year for each site in recent years. Some of these events may have been attributed to storm-water intrusion into the GCCS that may have resulted in increased liquids collection at the site storage tank. As a **value-added** service, with our knowledge and experience of the condensate systems at both sites, SCS will provide a condensate sump assessment report to the City within 30 days of award of the contract. This report will identify condensate sumps that are possible contributors to storm-water intrusion and will provide recommendations for prevention of future occurrences. SCS would encourage discussions with the City after review of this report to explore possible options and projects which could potentially provide cost savings for this additional service task.

## On-Call Additional Meetings

The extent of additional meetings which may be required to be performed is unknown at this time but is anticipated to be recurring. SCS Project Team members will be available at the request and direction of the City. Any additional documentation preparation required that is beyond what is described in routine services will be considered to be additional services.

## SEM/ISS Compliance Re-monitoring

Within 10 calendar days from an initial instantaneous 500 ppmv or integrated grid 25 ppmv exceedance, SCS will mobilize to the site (following remediation or repairs) and perform re-monitoring in accordance with AB 32 LMR and Rule 59/59.1 requirements. If re-monitoring results indicate no exceedance(s), then no further follow up monitoring is required. If the re-monitoring results indicate a second exceedance within 10 calendar days, SCS will mobilize to the site (following remediation or repairs) and perform a second 10-day re-monitoring event in accordance with AB 32 LMR and NSPS requirements. If re-monitoring results indicate no exceedance(s), then no further follow up monitoring is required. If the re-monitoring results indicate a third exceedance the City must install a new or replacement LFG extraction well as determined to achieve compliance within 120 calendar days from the third exceedance. SCS will mobilize to the site (following new or replacement well installation) and perform re-monitoring in accordance with AB 32 LMR and NSPS requirements. If re-monitoring results indicate no exceedance, then no further follow-up monitoring is required.

In addition to the required 10-day re-monitoring event(s), SCS will perform 1-month re-monitoring events for any initial instantaneous 500 ppmv exceedance(s) in accordance with Rule 59/59.1 requirements. If re-monitoring results indicate no exceedance(s), then no further follow-up monitoring is required. If the re-monitoring results indicate an exceedance above the 500 ppmv standard, then the 10-day remediation and re-monitoring cycle described above will take effect.

## Spare Parts and Consumables

We will develop a Spare Parts list, including existing and needed spare parts, and submit the list to the City within thirty days of award of the contract. The City will review the list and post an approved spare parts inventory list. We will verify that all materials on the approved list are in inventory. If items on the approved list are not in the existing inventory. We will purchase spare parts necessary to complete the approved list. As spare parts are used, we will request authorization from the City to purchase additional replacement spare parts so as to maintain a complete compliment spare parts. Stockpiled soils/materials on City property that are related to SCS tasks will be safeguarded using best management practices (BMPs) at our expense, in accordance with all applicable state and local regulations.

## Consultant Repairs/Restoration to City Property

SCS shall, at its own expense, repair or restore any and all disturbances or damage to City property caused by SCS during the execution of tasks and duties on site, including but not limited to, landfill surface covers, slopes, grades, bench-roads, drains, and vault boxes.

## Modifications to Manuals

One hundred and twenty (120) days prior to expiration of the contract, SCS will prepare addenda to the OM&M manuals for the Arizona Street and South Chollas Landfills that reflect actual operating conditions. Each addendum will include information regarding problem extraction wells, vacuum distribution, areas of the surface displaying significant amounts of settlement, condensate pumping

requirements, a listing and description of the most common remedial actions required, a generic description of the solutions implemented to correct these problems, and a summary of the work hours required for routine and typical non-routine services.

## 2.3 Management

**SCS has a flat reporting structure, enabling us to coordinate the City's needs with our resources and personnel that will go above and beyond to ensure project success.** SCS staffs our projects based on staff capabilities and experience. Our professionals and field staff have extensive experience in their respective fields, and all of our personnel are committed to providing innovative, cost-effective, and efficient outcomes on all projects. We propose to serve you with experts in field operations, engineering design, permitting and regulatory compliance, supported by nearly 300 professionals in the Southwest.

### 2.3.1 Project Management Team Qualifications

#### Leadership

All services under the proposed contract will be under the direction and management of SCS Project Director Brian Duffy and Project Manager Joe Santos. **Brian and Joe serve in these roles currently and are intimately familiar with the expectations of the City management, having direct experience with the sites and consistent performance of OM&M, regulatory compliance, and reporting duties at the sites since 2008.**

Brian and Joe, supported by our team, will manage routine OM&M services for the sites; develop scopes of work and budgets for non-routine project tasks; coordinate and oversee the execution of these tasks; and manage the required monitoring and sampling events. Together, our local team has over 55 years of combined experience coordinating OM&M and construction projects at landfills, including Arizona Street and South Chollas, specifically.

SCS Senior Vice President Galen Petoyan will ensure Brian and Joe have access to the resources—staff, technologies—needed to successfully support the City of San Diego.

**Over the term of our existing contract with the City, we have learned a number of lessons that are largely tied to the experience and skills of on-site staff. Learning from our past experiences has driven our approach to building our team and our approach to work presented here. We commit to working with the City in a collegial and professional manner that promotes the successful accomplishment of all project goals and objectives throughout the duration of the contract.**

#### Best Management Practices

**Progress Monitoring and Cost Control**

SCS utilizes the Vantagepoint® software program for project accounting and budget control. When a Project Manager initiates a project, a Project Form is completed that includes descriptions and budgets for each task, or each Task Order. Timesheets are completed electronically on the SCS website. Charges can only be made to the project or task if it has been made active by the Project Manager, who can close a project or task at any time. All subcontractor invoices and expenses must be reviewed by the Project Manager (who assigns the proper project or task number) prior to entry in the system. The Project Manager receives biweekly reports of all labor expended, and a report of all labor and other direct costs one week after the month end date. The Project Manager can prepare

biweekly status reports (including technical progress and budget versus expenditure data) on each major task order, and submit these to the City, as needed. The Project Manager also identifies any potential budget variances, due to changes in scope mid-stream on a task order or underestimates in the level of effort, and implements actions to either bring the expenditures back in line with the budget or revise the task order to fit the new scope. Additionally, SCS is very familiar with the City's fiscal year budgeting schedules and the importance of meeting fiscal year-end timetables and deadlines. This process has been without issue on the existing contract and SCS will remain consistent in our adherence to the City's schedules on this next contract if chosen.

Microsoft Outlook will be utilized to ensure task completions, appointments, and deadlines are professionally managed.

## Health and Safety

Safety as a value is the foundation of our work culture at SCS**.** SCS strives to perform work in a professional, productive, safe, and high-quality manner. SCS is continually improving its H&S practices to protect the public and our greatest asset, our employees. **Safety is an integral part of how we do business, and we have adopted a comprehensive safety program to carry out that philosophy.** It is our goal to eliminate unsafe practices and conditions, and have zero accidents and injuries, while offering the best service to clients.

Time-tested and project-refined H&S systems that ensure training, reviews, reporting, oversight, and control of H&S processes are carried out in a systematic manner. SCS is committed to fostering and promoting an organizational culture with the highest H&S standards. **Under the leadership of Ms. Sandra Ripplinger, our Team will continue to strive to have no injuries, violations, or incidents.** Our Team is safety orientated and are all OSHA 40-Hour certified and have cleared any necessary medical screening requirements prior to employment.

Recognizing that a progressive safety program was needed, **SCS created an independent H&S Department in concert with the established technical guidance in ANSI Z10. The program is currently led by an experienced Certified Industrial Hygienist, Ms. Sandra Ripplinger, who reports directly to the Chief Executive Officer of SCS, Mr. Doug Doerr.** SCS discovered that with program implementation, safety became an inherent value of everyone in the company. As a result, employee attitudes changed and safety became a routine component of work completed by everyone in our company.

Key components of our program are designed around the concept of "a little, often." Safety is viewed like learning a new language—something that requires daily use and understanding of its context. Through this approach, safety is kept on the forefront of everyone's thinking. Key components of the program include:

- **Monthly Safe Operating Procedure meetings** that focus on topics most relevant to our work. Over a 12-month period, participants earn a certificate that meets and exceeds the annual 8-hour OSHA HAZWOPER refresher course.

- **A Safe Observation Program** that requires that each month personnel submit at least two observations about behavior or conditions, whether unsafe or effective. Names of observed employees are not included if the behavior is unsafe. This system is not meant as a punitive tool, but as a learning process so that we can identify and correct situations as they arise.

- **Tailgate Safety meetings** that are held weekly to discuss current safety issues and concerns.

- **Development of a Smartphone application** that allows users remote access to the Company's Injury & Illness Prevention Plan, Job Task Safety Analysis documents, and Technical Standard Operating Procedures, in turn providing more efficient means of disseminating changes and updates to these programs and allowing access regardless of location.

- **Additional training** is provided for all employees, beyond that of the required 40-hour HAZWOPER and 8-hour refresher courses. Some of these trainings include, but are not limited to, confined space entry, electrical safety, and first aid/CPR/AED courses.

Under this contract, SCS will update the current health and safety plans for both sites and will ensure they are in accordance with current OSHA and Cal OSHA regulations. Copies of these plans will be provided to the City. Updates to the plans will periodically be made to reflect any changes in specific work tasks or personnel involved with the projects.

### Quality Assurance and Quality Control

At SCS, we understand that consistent data quality is key to a successful environmental monitoring program. To help actively improve project performance, an internal QA program will be implemented to monitor project quality, including evaluation of reporting data accuracy. Internal QA field audits will also be conducted to evaluate project field techniques and monitoring point conditions. Evaluation results will be communicated to the Project Team to help ensure that SCS consistently fulfills contract requirements, delivers accurate monitoring results, and proposes technical modifications to increase effectiveness and budgetary efficiencies.

SCS uses **Newforma Project Center** (Newforma) to aid project management. Newforma is an easy-to-use repository that streamlines the exchange of information and reports between all parties involved in a project. If you desire, a unique Newforma Project Center workspace can be established for this project *at no cost to you.*

## 2.3.2 Communication Plan




A communication plan, detailing days/times of availability and best methods of contact, will be established during the project kick-off meeting. However, **as we have proven to the City, our Project Director Brian Duffy is always on call and available to respond, either personally or as quickly as practicable, with the right solution and team to the City's needs.** Brian and Joe commit to continue that level of responsiveness and service with this contract.

SCS will follow a closed loop communication process to ensure all project assignments start, progress, and conclude in accordance with your expectations. **Your expectations will be clearly defined and benchmarked at the start of the project.** Then we will seek prompt and regular feedback on how we are doing, in accordance with a schedule mutually agreed to during the kickoff meeting.

### Client Feedback

SCS solicits feedback from clients during ongoing projects via short (2- to 3-minute) surveys using our electronic Client Feedback Tool (CFT). These surveys are designed to ensure that we are on track to delivering project solutions to our clients' satisfaction. Surveys are less than 10 questions, with options for additional comments. Project Managers work with their clients to establish a convenient schedule to participate in these surveys, which are an important mechanism for us to check in with our clients regularly to ensure projects are on track.

**After using this tool for several years, SCS has the satisfaction of knowing our clients are much happier and often tell us of seemingly minor changes that impact them. This tool helps SCS team members focus their time on what matters most to each client.**

### 2.3.3 Sampling Protocol

SCS will utilize state-of-the-art sampling equipment (Landtec GEM 5000 and Thermal scientific TVA-2020), calibrated per manufacturers specifications and instructions, prior to performing each sampling event. These (and all other) associated instrumentation will be maintained and serviced in accordance with manufacturers' specifications. These devices are all approved instrumentation in accordance with SDCAPCD, State, EPA, and City standards.

As highlighted and detailed in the above sections, SCS utilizes its proprietary database platform, SCSeTools™, and primary data storage module, SCS DataServices®, to perform data validity checks, trend analysis, and data reporting functions. All wellfield, probe, and flare station data will be uploaded to SCS DataServices® within 24 hours of collection and will be available for immediate review by all authorized SCS and City personnel.

## 2.4 Recommendations for Program Improvements

SCS fully understands the need to constantly seek improvements to the program to meet the goals and objectives of the City, while simultaneously seeking program cost reductions and efficiencies.

Based on our firsthand knowledge of both sites, SCS is aware that the **flare control panel systems** are over 20 years old and rely upon various relays and timers to operate. While still functional, they are both quite outdated with respect to today's flare control equipment standards. SCS believes that it would be beneficial to the City to upgrade these systems with more modern control technologies and recommends replacing the relay systems with programmable logic controllers (PLCs). Not only do new PLCs offer much greater and safer flare operations, but they can also be seamlessly integrated with remote telemetry technologies.

SCS recommends that the City **install Remote Monitoring and Control (RMC) systems** at the control panels of both flares after PLC upgrades have been implemented. These systems not only provide clients and operators with remote access to the sites, but additionally they serve as either primary or auxiliary flare recording devices. These devices upload the flare data on a daily basis to an offsite and secure database which the City can access at their convenience, and also minimizes the potential for data loss, keeping the City compliant with state and local regulations. SCS has successfully conducted similar upgrades to numerous landfills throughout the San Diego area.

SCS is aware that condensate generated through collection system operation is collected within various buried/underground sump locations and is then pumped via buried 1.5-inch HDPE to above-ground storage tanks at or near the respective flare stations. SCS is also aware that both sites are experiencing some degree of LFG-related impacts to groundwater underlying the sites. SCS recommends that **sump cycle counters be installed** at each condensate trap location at both sites

to allow tracking of condensate generation of the site. The addition of these types of tools and instrumentation will allow the City to verify that any and all condensate pumped from the sumps reaches the main collection tanks at the sites.

SCS recommends that the City **continue GCCS improvements at the South Chollas landfill** to address areas of sub-surface lateral LFG migration to maximize gas recovery capabilities. As part of these reconstruction efforts, SCS also recommends installing new condensate and pump supply air lines above grade in some areas in order to properly monitor the performance of the condensate collection system and associated components.

SCS has observed that the majority of the LFG extraction wellheads at South Chollas utilize orifice plates for flow measurement. Most of these wellheads are incased in vaults throughout the site and have sample tubing running from the orifice plate sample ports to fittings used by technicians for monthly monitoring purposes. The orifice plates on these wellheads, and their corresponding sample trains, are prone to moisture build-up and blockages, which require clearing in order to collect accurate pressure and gas flow readings. It would be beneficial to the City if these **wellhead designs were upgraded to newer, Landtec Accuflo (or equivalent) wellheads**. This would result in greater data accuracy and improved monitoring efficiency. SCS recommends that the City continue efforts to eliminate housing wellheads in large, subsurface vaults (where feasible, based upon individual well location and site use).

At the Arizona Street Landfill, SCS recommends that the City complete installation of a new blower unit, as well as **installing a second blower unit to provide an auxiliary back-up unit**. Currently, **there is only one blower unit on site**. In the case of a catastrophic failure of the present unit, continued operation of the BFS and GCCS would be disrupted, creating potentially negative impacts to the health and safety of the public and the environment. SCS also recommends the City complete installation of the new liquids knockout vessel purchased under the existing contract. The knockout vessel is meant to scrub the moisture from the LFG conveyance line to the BFS and reduce wear and tear on the blower and other flare station equipment and components.

# 3. STAFFING PLAN

## 3.1 Qualifications of Key Personnel

Members of the SCS Team that will support you by providing OM&M services at South Chollas and Arizona Street Landfills have largely proven to be reliable and responsive to the City. SCS understands that the City is interested in receiving services that can ensure the continued operational success of their systems and the health and safety of the public and local environments. As personnel described in this section clearly show, our familiarity with state, federal, and local regulations, technical know-how, and practical capabilities will ensure that the necessary OM&M services will be provided. Over the term of our existing contract with the City, we have learned a number of lessons that are largely tied to the experience and skills of on-site staff. Learning from our past experiences has driven our approach to building our team presented here.

The following personnel are proposed to complete tasks on this multidisciplinary project that will include specialties in engineering, OM&M, and construction**. Exhibit 1 (below) is a matrix showing lines of responsibility and relationships between key personnel, summarizing the Project Team's educational background, professional registrations, and importantly, time availability.** Capsule resumes for these personnel are listed below in Section 3.5; full resumes are included in *Attachment A*.

## Exhibit 1. Project Team Information

| Name | SCS Classification | Education | | | | Years Exp. | Professional Registration | Availability to City (%) | City of Residence/ Office Locations |
|---|---|---|---|---|---|---|---|---|---|
| | | BS/A | MS | PhD | Degree | | | | |
| G. Petoyan | Principal-in-Charge | • | • | | Envir. Engineering | 45 | RMO | 5 to 10% | Granada Hills/Long Beach, CA |
| B. Duffy | Project Director | | | | AA, Social Sciences and Philosophy | 17 | SWANA MOLO | 50% | Chula Vista/San Diego, CA |
| J. Santos | Project Manager | • | | | Business Admin. | 11 | | 75% | El Cajon/San Diego, CA |
| S. Ripplinger | Health & Safety Director | • | | | Occupational and Environmental Health and Safety | 37 | CSP, CIH | 5 to 10% | Henderson, NV |
| J. Vivirito | Senior Field Technician | | | | | 5 | | 75% | Santee/San Diego, CA |
| G. Gutierrez | Field Project Manager | | | | AA, Theology and Psychology | 19 | SWANA MOLO | 25% | Oceanside/San Diego, CA |
| C. Salmons | Senior Field Project Manager | | | | | 34 | SWANA MOLO | 50% | Descanso/San Diego, CA |
| S. Viswanathan | SVP, Project Director | • | • | | Civil Engineering | 20 | PE | 5 to 10% | San Diego, CA |
| P. Sullivan | SVP, Business Unit Director | • | | | Biology/Ecology | 36 | BCES, CPP, REPA | 5 to 10% | Sacramento, CA |
| A. Gonzalez | Senior Field Technician | | | | | 4 | | 25% | El Cajon/San Diego, CA |
| R. Orozco | Field Technician | | | | | 31 | | 25% | Hemet/San Diego, CA |
| J. Espinoza | Field Technician | | | | Electrician Technician Certification | 1 | | 75% | Chula Vista/San Diego, CA |
| G. Zeidler | Senior Field Technician | • | | | Envir. Science, Hydrology and Stormwater | 3 | | 50% | San Diego, CA |

## Exhibit 1. Project Team Information

| Name | SCS Classification | Education | | | | Years Exp. | Professional Registration | Availability to City (%) | City of Residence/ Office Locations |
|---|---|---|---|---|---|---|---|---|---|
| | | BS/A | MS | PhD | Degree | | | | |
| J. Frecks | Senior Field Technician | | | | | 6 | | 5 to 10% | El Cajon/San Diego, CA |
| C. Frecks | Field Technician | | | | | 4 | | 5 to 10% | El Cajon/San Diego, CA |
| C. Sandino | Field Technician | | | | AA, Arts History and Fine Arts | 3 | | 25% | San Diego, CA |
| L. Leon | Field Technician | | | | | <1 | | 25% | Chula Vista/San Diego, CA |
| A. Lara | OM&M Superintendent | | | | | 11 | | 15% | La Mesa/San Diego, CA |
| An. Odgers | Project Foreman | | | | | 15 | | 15% | San Ysidro/San Diego, CA |
| Al. Odgers | Fusion Technician | | | | | 4 | | 15% | National City/San Diego, CA |
| F. Hernandez | Laborer | | | | | <1 | | 15% | San Ysidro/San Diego, CA |
| Z. Hess | Laborer | | | | | <1 | | 15% | San Diego, CA |
| A. Padilla | Field Technician | | | | | 4 | | 5 to 10% | El Cajon/San Diego, CA |
| A. Rodriguez | Laborer | | | | | <1 | | 5 to 10% | Chula Vista/San Diego, CA |
| D. Reyes-Lopez | Project Manager | • | | | Liberal Arts & Sciences Interdisciplinary Studies | 9 | | 5 to 10% | San Diego, CA |
| R. Huber | Project Manager | | | | | | | 5 to 10% | Los Angeles/Long Beach, CA |
| G. Escobar | Associate Professional | | | | | 2 | | 5 to 10% | La Mesa/San Diego, CA |
| O. Augilar Barragan | Staff Professional | | | | | 4 | | 5 to 10% | San Diego, CA |
| A. Keomany | Project Professional | | | | | 5 | | 5 to 10% | San Diego, CA |
| J. Lee | Intern Engineer | | | | | 1 | | 5 to 10% | San Diego, CA |

Exhibit 1. Project Team Information

| Name | SCS Classification | Education | | | | Years Exp. | Professional Registration | Availability to City (%) | City of Residence/ Office Locations |
|---|---|---|---|---|---|---|---|---|---|
| | | BS/A | MS | PhD | Degree | | | | |
| C. Houser | Senior Project Manager | • | • | | Geological Sciences | 38 | PG, CEG, CHg | 5 to 10% | San Diego, CA |
| G. Stephens | VP, Project Director | • | | | Biology | 22 | | 5 to 10% | Pleasanton, CA |
| J. Kim | Senior Project Professional | • | | | Biology and Management | 17 | | 5 to 10% | Tustin/Long Beach, CA |

# 3.2 Staff Availability and Geographical Location

## 3.2.1 Profile of the Firm

| | |
|---|---|
| **Legal Name and Address of Company** | Stearns, Conrad and Schmidt, Consulting Engineers, Inc.<br>(dba SCS Engineers)<br>3900 Kilroy Airport Way, Suite 300, Long Beach, CA 90806 |
| **Legal Form of Company** | Corporation |
| **Addresses of Office(s) Located in San Diego County** | 8799 Balboa Avenue, Suite 290, San Diego, CA 92123<br><br>5963 La Place Ct, Suite 207, Carlsbad, CA 92008 |
| **Number of Years That Company Has Maintained Office in San Diego County** | 19 |
| **Number of Employees in San Diego County** | 61 |
| **City of San Diego Business Tax Certificate (SDBTC) Number** | B1993000875 (Issued: 2020) |
| **Name, Title, Address, Telephone Number and Email Address of Point of Contact Concerning Proposal** | Brian Duffy, Project Director<br>8799 Balboa Avenue, Suite 290, San Diego, CA 92123<br>760-419-8519<br>bduffy@scsfieldservices.com |

SCS has a total combined staff of 1,330 staff located in 73 offices nationwide. This important contract will be managed through our local San Diego office, which is comprised of 61 technicians, engineers, designers, and geologists. **The majority of the Project Team selected for this contract resides in San Diego County.** Additional LFG, permitting, and energy experts are located just a short distance away in our Long Beach and Ontario offices.

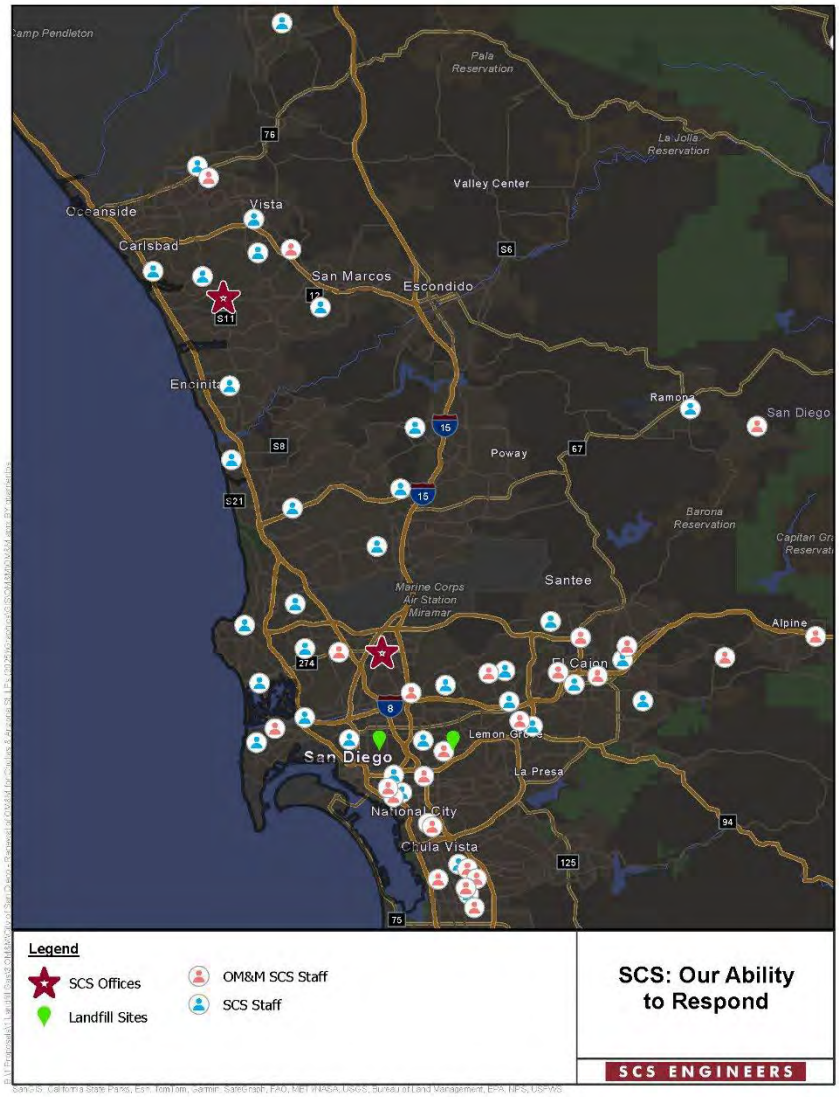
OM&M staff consist of managers, superintendents, technicians, mechanics, equipment operators, plant operators, fusion specialists, and health and safety experts, including a Certified Industrial Hygienist (CIH), estimators, and administrative staff consisting of purchasing, accounting, and secretarial staff.

Project Team selection is always a function of our overriding objective on each project: to deliver the best solution and best overall value to our client. **Therefore, careful consideration is always given to team members' scope-specific experience, availability, and scheduled workload when establishing Project Teams for inclusion in proposals and subsequent contracts.** Our longevity, numerous long-lasting client relationships and overwhelmingly positive reputation in the solid waste consulting industry suggest our senior engineers, planners, and executive leaders understand and embrace this concept on a daily basis.

### 3.2.2 Availability/Accessibility of Key Project Team Members

Responsiveness and resources of a workforce are key to the City's success. **As part of SCS's Superior Client Service program, the Project Manager and key personnel will be made available to the City on a 24-hour on-call basis to help the City meet its time constraints for specific projects.** Project team members' availability was presented in Exhibit 1. In addition, SCS' primary San Diego office is located within *minutes* of the City's Administrative offices and Arizona Street and South Chollas landfill sites, as shown in Figure 1 below, making it possible for us to meet with City staff or respond to emergency issues with short notice. The map below also displays the proximity of our OM&M personnel to the South Chollas and Arizona Street Landfills. SCS shall provide the City with a contact list with all personnel listed herein within 10 days of award of the contract.

Figure 1. Map of SCS Employees, Offices, and Landfill Sites




## 3.3 Roles and Responsibilities

A Chart of Organization, showing the roles and responsibilities of key personnel, is presented below in *Exhibit 2*.

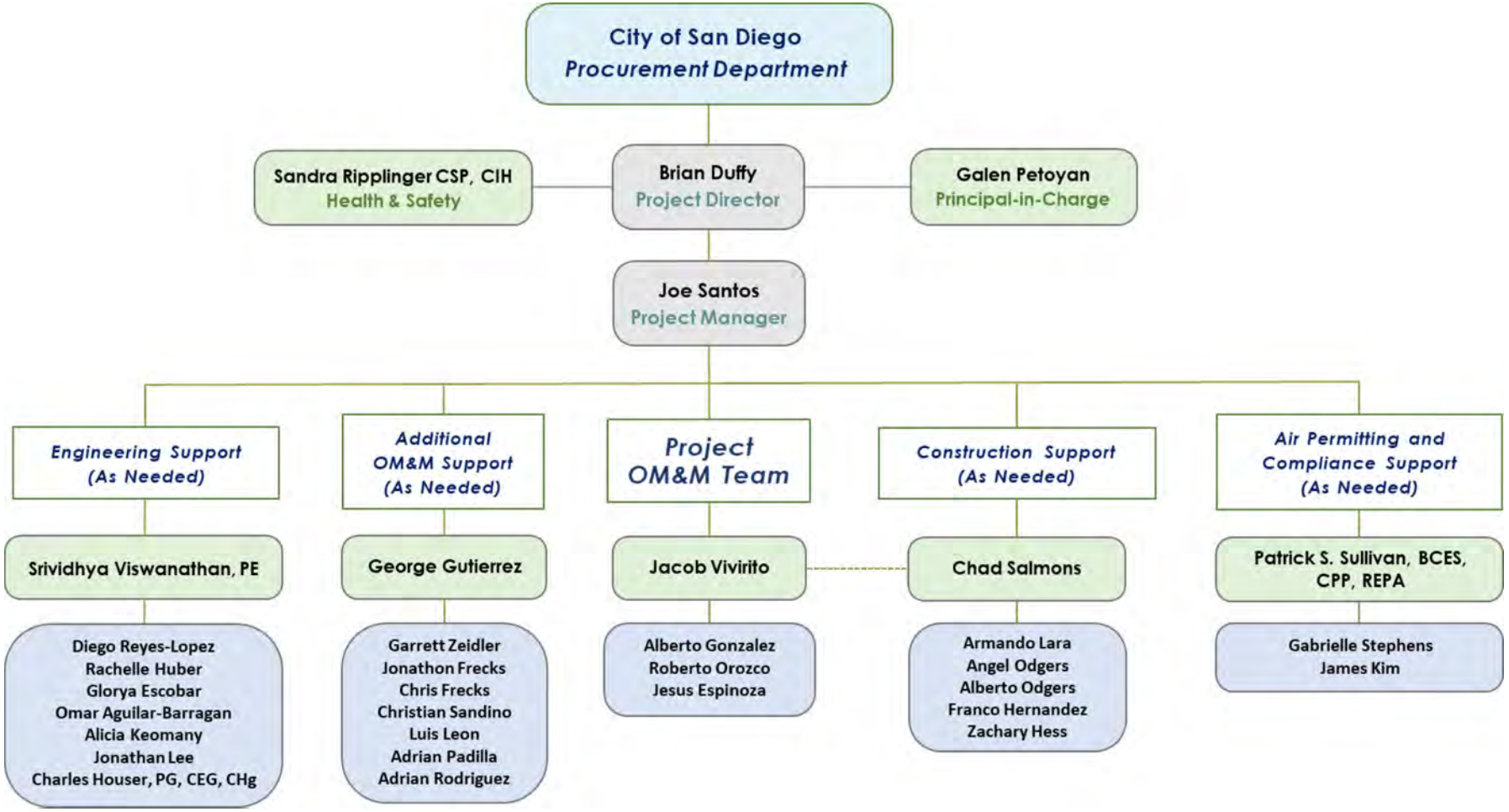



Exhibit 2. Chart of Organization

## 3.4 Security Clearance: Background Checks and OSHA Training

As part of SCS's routine background checks, pre-employment drug screening is mandatory for new employees, and random drug testing is also required for specified employees who are identified in the company's Random Drug Testing Program, to the extent permitted by applicable law.

As mentioned previously, SCS has developed and conducts OSHA-compliant, landfill-specific training of our staff and our clients' staff (upon request). This includes 8-hour OSHA HAZWOPER refreshers, 10- and 30-hour OSHA Standards for General and Construction Industry, 16-hour Confined Space Entry training, and individually customized safety awareness modules. OSHA 40-hour certificates for SCS staff are provided in *Attachment B*.

Some sites that SCS monitors in San Diego County require extensive background checks and security clearances. Project Team for the South Chollas and Arizona Street Landfills with security clearances are listed in Table 3, below:

Table 3. SCS Team Members with Security

| Name | Security Clearance | |
|---|---|---|
| | Airport Operations Area (AOA) | Dept. of Defense: Defense Biometric Identification System (DBIDS) |
| B. Duffy | • | • |
| G. Gutierrez | • | • |
| R. Branscome | • | • |
| C. Sandino | • | • |
| G. Zeidler | • | • |
| C. Salmons | • | • |
| A. Lara | • | • |
| A. Odgers | • | • |
| An. Odgers | • | • |

## 3.5 Strength and Commitment of Key Personnel

### 3.5.1 Management

#### SCS Engineers

We are proposing to utilize our local engineering and Operations and Maintenance (O&M) team, many who are known to the City, to perform the requested services. The strength of our engineering and O&M team comes from more than 30 years of providing the same routine and non-routine services at landfill sites throughout both the City and County of San Diego, as well as at more than 650 landfills across the United States. **There truly isn't another firm with the landfill and LFG design, construction, and O&M experience in operation in the U.S. today.**

In order to provide consistency and quick response, we are proposing a single point of contact to work directly with you on this project. Joe Santos will serve in this capacity, one that he is very familiar and comfortable with. The team proposed for these important roles are short bios are presented below.



**Galen Petoyan.** Galen has 45 years of experience in the environmental field, including engineering, construction and operation of pollution control and/or energy recovery systems. As a Senior Vice President and Business Unit Director, and Principal-in-Charge for this project, his environmental engineering experience has primarily involved landfill gas control/recovery, volatile organic compound (VOC) vapor extraction systems and groundwater pump and treatment systems. Other remediation experience includes UST removal and bioremediation cleanup of contaminated soil. He has directed or provided oversight on approximately 1,000 construction projects, 500 OM&M projects and 50 remediation projects. He is responsible for implementation of the firm's technical review, quality assurance and health and safety programs. **Galen has participated in and/or directed numerous projects throughout his career that have received industry recognition. He has been the driving force in SCS's development of SCSeTools® -- SCS's industry-leading suite of data management technologies (SCS DataServices®, SCS Remote Monitoring and Control®, and SCS MobileTools®). He has been the Principal-in-Charge for over 20 years on City of San Diego landfills, overseeing the contracts from a senior administrative level.**



**Brian Duffy.** Brian is a Vice President and Regional OM&M Manager, and the Project Director for this project, with 17 years of experience in LFG control and recovery. His LFG experience includes the OM&M of LFG and LFGE systems, and non-routine repairs and emergency call-out response of the LFG collection systems at various landfills in southern California, southern Nevada, and Arizona. Brian's responsibilities include environmental compliance with local, state, and federal regulations; project coordination/scheduling; supervision of field staff; safety plan preparation; field data analysis; compliance reporting; reporting field conditions and recommending solutions to clients; proposals and budget preparation; cost control; invoicing; and contract administration**. Brian has conducted various odor source and mitigation studies for the City of San Diego, managed blower/flare station replacement/construction projects, flare source testing, well installations, and LFG collection systems upgrades projects, and has experience in managing AB 32 LMR and NSPS 40 CFR 60.767(l) Tier 4 surface emissions monitoring.** Other notable experience Brian has includes expanded monitoring, sampling, and laboratory data analysis for landfills with exothermic reactions. He has managed projects to track hydrogen gas generation, target heat extraction, and manage liquids recovery.

Brian started out as a gas technician 17 years ago, monitoring both Arizona Street and South Chollas closed landfill sites. He has conducted repairs on the wellfield and flare, overseen flare source tests and drilling projects, managed system upgrades, and maintained regulatory compliance with surface emissions monitoring and perimeter migration probe standards. *In 2024, the City had an emergency at South Chollas where there was potential LFG exposure to staff and the public. Brian personally responded to the emergency, as the fire department, hazmat services, news media, and regulatory agencies all became involved. Brian mobilized an entire technician crew that worked throughout the night to verify atmospheric conditions were safe for City staff and the public. The site is currently undergoing repairs to the gas collection system in this area.*

**Brian has extensive experience working on City of San Diego landfills, and his team's work on those landfills is prompt and knowledgeable, responding accordingly to any issues that arise. The**

**majority of SCS staff in San Diego live less than half an hour in all directions from both sites. This local presence of knowledgeable and experienced staff cannot be matched by any other firm.**



**Joseph Santos.** Joe is a Senior Project Manager with 11 years of industry experience. **He manages OM&M of LFG and LFGE systems at multiple active and post-closure landfills in the San Diego area.** This includes on-site inspections, blower equipment services, adjustment of gas wells to maintain optimum extraction and compliance, and monitoring of perimeter probes to check for gas migration in accordance with state and federal laws and regulations. He routinely analyzes and evaluates data to confirm quality assurance standards, evaluates recovery process plant and collection system readings, and performs troubleshooting of plant and system processes and equipment. He also manages surface emissions monitoring according to NSPS and AB 32 requirements and surface emissions monitoring of LFG and LFGE systems at multiple active sites and post-closure sites in San Diego County.

**Joe has worked at City of San Diego landfill sites for over 10 years. He has managed OM&M crews on SCS's existing contract for Arizona Street and South Chollas landfills, and conducts thorough data analysis of the wellfield to assess and identify deficiencies and offer the right recommendations. Joe managed a comprehensive wellfield inspection and made recommendations for gas collection and control system improvements, which the City utilized for a large construction/improvements project that is currently underway.**



**Sandra Ripplinger.** Sandy is a Health & Safety Director with 37 years of experience in occupational and environmental health and safety services. She is a Board-Certified Industrial Hygienist (CIH) and Safety Professional (CSP) and has provided industrial hygiene expertise for facility health and safety audits, process safety management audits, training, environmental evaluations involving mold, indoor air quality, asbestos, lead-based paint, lead worker exposure, OSHA worker exposure, ionizing and non-ionizing radiation surveys and exposure issues, and hazardous waste drum sampling for unknowns. **She has worked with regulators at local, state, and federal levels, and she has performed hundreds of comprehensive industrial hygiene shop surveys, indoor air quality assessments, ionizing radiation, non-ionizing radiation, noise exposure studies, chemical exposure assessments, and workers' compensation and environmental investigations.**



**Jacob Vivirito.** A technician since July 2019; Jacob resides in San Diego County. With nearly 6 years of experience, Jacob has provided construction services, LFG well monitoring, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, surface emissions monitoring and greenhouse gas regulation services. *He is capable of troubleshooting complex problems associated with LFG collection, flaring and detection systems. He has also performed non-routine scheduled repairs, emergency call-out response, and maintenance and repairs on extraction pumps and pneumatic condensate sump pumps at various City of San Diego and County of San Diego area landfills.*

**Jacob has worked at City of San Diego landfills for the past 4 years. As the primary technician at both closed sites, he has firsthand experience with both wellfields. His familiarity with the controls systems at both flares makes it so that troubleshooting time is limited, which in turn limits system downtime. He is intimately familiar with both systems and what is required to maintain environmental and regulatory compliance on a day-to-day and location-by-location basis.**



**George Gutierrez.** George is a Field Project Manager with 19 years of industry experience. He has performed OM&M of LFG and LFGE systems at landfills in Southern California and Alaska. He routinely evaluates data to confirm quality assurance standards, evaluates recovery process plant and collection system readings, performs troubleshooting of plant and system processes and equipment, and is responsible for the preparation and submittal of monthly NSPS monitoring reports for numerous sites. He has performed routine preventative maintenance and lubrication services; maintains plant records, readings, reports, and inventories; participates in plant startups, shutdowns and maintenance overhauls; and performs on-call services for plant/flare failures 24 hours a day, 7 days a week. George has participated in many phases of project operations, including wellfield monitoring, environmental compliance, data analytics, LFGE coordination, blower station replacement/construction, flare source testing, well installations, LFG system upgrades and liquids management. He also manages surface emissions monitoring according to NSPS and AB 32 requirements and surface emissions monitoring of LFG and LFGE systems at multiple active sites and post-closure sites in San Diego County. **He has ample experience at City of San Diego landfills, having assisted with the management of OM&M crews and conducted thorough data analysis of the wellfield to assess and identify deficiencies and make recommendations.**



**Chad Salmons.** Chad is a Project Manager with over 34 years of experience in LFG control and recovery. His LFG experience includes flare construction, GCCS construction, non-routine scheduled repairs, and emergency call-out response. Chad currently provides on-call repair services to all City of San Diego sites, including Arizona Street and South Chollas. **He is very familiar with the City's expectations and has an excellent record and understanding of completing risky construction work safely. He has a long history of construction at all local county and private landfills, having worked at the City of San Diego landfill sites for over 20 years, managing GCCS construction and repair projects.**

**Vidhya Viswanathan.** Srividhya (Vidhya) Viswanathan is an SCS Senior Vice President, Project Director, and registered AZ Civil Engineer with 20 years of experience, specializing in solid waste management. During her tenure as a municipal engineer, she was involved in the permitting, design, and construction of a variety of municipal projects, including landfill expansion and liner installation. Since joining SCS, she has been involved in the preparation of feasibility studies, and the permitting, design, and construction of various landfill and LFG projects, including GCCS centralized blower station design, condensate system design, aerated static pile design, preparation of engineering reports, and drainage design. **She has managed or been involved in various LFG, engineering, air quality, and GHG projects for landfills in San Diego, and managed a feasibility study, design and construction for a new BFS, including civil design and permitting, for Miramar Landfill. She leads the organics facility design and construction project at that landfill. She is also the lead engineer for the new LFG infrastructure at the landfill.**



**Patrick Sullivan.** Pat has 36 years of experience in environmental engineering, specializing in solid waste management and related environmental issues. He is the Managing Director of SCS's consulting and engineering operations within the Southwestern United States, which is SCS's largest consulting business unit. Pat is the Principal-in-Charge for projects related to air quality permitting and compliance, GHG emissions and climate change, LFG engineering and compliance, facility investigation and risk assessment, redevelopment of impacted properties at solid waste and other industrial facilities, and related engineering services. He has published and/or

presented over 150 technical papers and/or presentations in industry journals, publications, conferences, seminars, and workshops.

**Pat has 25 years of experience working at the City of San Diego's landfills.** Pat was the Principal-in-Charge for LFG planning or engineering projects for the City's Miramar Landfill and County of San Diego's Hillsborough and Bell Junior High School Landfills. He managed investigation, risk assessment, and remediation feasibility study projects at the City's Mission Bay Landfill. **He has provided air quality compliance and permitting services, as well as regulatory interface, for the City's Miramar and South Chollas Landfills.** For a confidential client, he provided services for an existing San Diego composting operation, which is adjacent to a proposed residential development. He assisted the City with air analyses, modeling, and risk assessment related to the City's gun range. Pat also completed an air quality impact analysis and odor study for the Miramar Landfill and the City's wastewater treatment plant and composting facility. The odor study resolved ongoing regulatory issues for the City with the San Diego APCD.

In addition to that work, Pat also serves as the Practice Leader for SCS's Solid Waste Practice in the same region. He is the National Expert for SCS's companywide Clean Air Act (CAA) programs, and he leads the company's strategic initiative for GHG, sustainability, and CAA services. *He is one of the national experts on air quality, GHG and climate change, sustainability, odor, and risk assessment and toxic exposure analyses for solid waste and industrial facilities.* He is a company Senior Vice President and a Member of the Company's Management Advisory Committee.



**Charles Houser.** Chuck, a Senior Project Manager, has 38 years of experience in the earth science industry. He is a registered geologist, certified engineering geologist, and certified hydrogeologist with experience conducting investigations on lithological formations. His experience includes environmental site assessments, groundwater monitoring, fault and landslide investigations, groundwater resource studies, geological mapping, and geotechnical investigations. He has assessed and remediated underground storage tanks and obtained reimbursement for cleanup costs from the California Underground Storage Tank Cleanup Fund. His understanding of geology and experience in the earth science industry enable him to prepare useful hydrogeological research, accurate environmental assessments, and appropriate remediation approaches.

**Chuck was the principal investigator and report writer for a SWAT conducted for the Arizona Street Landfill. He reviews monthly compliance reports for 10 closed San Diego County landfills and 2 closed City landfills.** He has participated in the drilling and construction of LFG recovery wells and/or LFG monitoring probes at Otay, Sycamore Canyon, Ramona, and Borrego Landfills. He also conducted research and field work for feasibility studies at 6 proposed sites in San Diego County and was the principal assessing depths and characteristics of formational geologic units beneath and surrounding the Otay Landfill.



**Gabrielle Stephens.** Gabrielle has 23 years of experience in environmental consulting, all with SCS. As an SCS Project Director, she has been involved in numerous projects related to air permitting and compliance with solid waste regulations, including LFG surface and perimeter monitoring, LFG assessment, and perimeter probe design and installation. She has provided air permitting services for LFG collection and control devices and associated equipment, including enclosed ground flares, LFG-to-energy (LFGTE) plants, and carbon absorption systems. She has also been involved in numerous projects related to air permitting and compliance for combustion equipment, including flares, engines, and turbines.

*Gabrielle has worked with many of the air districts in California, including the San Diego County APCD, South Coast Air Quality Management District (SCAQMD), Bay Area AQMD, Antelope Valley AQMD, Mojave Desert AQMD, San Joaquin Valley Air Pollution Control District (SJVAPCD), Ventura County APCD, Santa Barbara APCD, and the Imperial County APCD. She has also worked with Local Enforcement Agencies (LEAs) across Southern California* and air districts in Oregon, Arizona, and Nevada.

She has completed emissions estimates and inventories and has prepared numerous permit-to-construct/operate and Title V permit applications. She prepares compliance reports, which include reviewing and maintaining records and regulatory deadlines. She has also completed evaluations and reporting for the federal GHG Rule and Rule AB 32 Landfill Methane Rule (LMR). **For the past 15 years, she has provided air permitting and compliance services for multiple San Diego landfills, including: air compliance and reporting, including, but not limited to routine regulatory reporting under the NSPS, NESHAP, and AB 32 LMR, as well as federal GHG reporting for the Miramar Landfill and South Chollas Landfill. She also has performed emissions inventories and supported AB 2588 Health Risk Assessments as well as prepared permit applications. As part of our compliance team, Gabrielle has provided consistent regulatory compliance support for many years and advocated on behalf of the City for updated, accurate, and more flexible permits.**

**Alberto Gonzalez.** A technician since August 2020. Alberto resides in San Diego County. He has nearly 5 years of experience in OM&M of LFG systems and related field activities. **His experience has allowed him to provide construction services, condensate system/sump maintenance, surface emissions monitoring, groundwater well monitoring and construction quality assurance services at various City of San Diego and County of San Diego area landfills, serving as the primary gas technician at Miramar Landfill.** He has performed non-routine scheduled repairs, emergency call-out response, and maintenance and repairs on landfill liquids extraction pumps (submersible and piston-driven pumps), pneumatic condensate injection pumps, pneumatic condensate sump pumps, air compressors, thermocouples, and electrical components.

**Roberto Orozco.** A technician since January 2019. Roberto has 31 years of experience in OM&M of LFG systems and field activities related to liquids and gas sampling and monitoring. He has applied his experience to providing construction services, LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring, surface emissions monitoring, groundwater well monitoring and sampling, control of gaseous emissions and sulfur monitoring. **He has also performed non-routine scheduled repairs and emergency call-out response and has provided maintenance and repairs on extraction pumps and pneumatic condensate sump pumps at Miramar Landfill.** He has worked on the following LFG collection systems: active air injection systems, passive landfill gas barrier/vent systems, automatic methane gas detections systems, recovery plant compressor systems, and landfill gas to energy systems.

**Jesus Espinoza.** A technician since November 2023; Jesus resides in San Diego County. *Jesus is bilingual, has experience operating heavy equipment and using power tools, and earned his Electrician Technician Certification in 2023.* He has used his versatile skillset to provide extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance and greenhouse gas regulation services. Other **responsibilities include performing non-routine scheduled repairs, emergency call-out response and monitoring assistance as needed at various City of San Diego and County of San Diego area landfills.**

**Garrett Zeidler.** A technician since July 2021; Garrett resides in San Diego County. Before joining SCS, Garrett had earned a degree in Applied Environmental Science, Hydrology, and Stormwater; had

experience in soil sampling; and had participated in $600,000-plus remodeling projects at a construction company. His diverse background contributes to his current work performing construction services, LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring, surface emissions monitoring, and greenhouse gas regulatory services at various City of San Diego and County of San Diego area landfills. Other work includes providing non-routine repairs, emergency call-out response, and maintenance and repairs on extraction pumps, pneumatic condensate injection pumps and pneumatic condensate sump pumps. **Having worked at City of San Diego landfills for 4 years, he manages the surface emissions monitoring programs at those sites.**

**Jonathon Frecks.** A technician since December 2018; Jonathan resides in San Diego County. Jon served as a Hospital Corpsman in the United States Navy for 5 years and served 2 deployments overseas in Iraq. *Jon was decorated with 9 ribbons/medals and awarded a Certificate of Commendation from his Commanding General for exceptional job performance.* Following his time in the military, Jon accumulated experience in the environmental field as a technician conducting OM&M on groundwater remediation systems, groundwater and soil sampling, and site assessment investigations. Some of the containments analyzed during his sampling events include fuel hydrocarbons and volatile organic compounds (VOCs). He has also **provided construction services, blower/flare station adjustment/maintenance, surface emissions monitoring, well raising and greenhouse gas regulation services and assists with monitoring, as needed.**

**Christopher Frecks.** A technician since December 2020; Chris resides in San Diego County. Before his time at SCS, *Chris was a seaman with Military Sealift Command, where he focused on security and safety of the ship while completing tasks.* **He has applied that eye for safety to his work operating heavy equipment and providing construction services, blower/flare station adjustment/maintenance, condensate system/sump maintenance, surface emissions monitoring, greenhouse gas regulation services, well raising, liquids management and groundwater well monitoring at various City of San Diego and County of San Diego area landfills.** His work also includes non-routine scheduled repairs, emergency call-out response, as-needed monitoring assistance, and maintenance and repairs on extraction pumps, pneumatic condensate injection pumps, pneumatic condensate sump pumps, air compressors, thermocouples, and electrical components.

**Christian Sandino.** A technician since January 2022; Christian resides in San Diego County. He has gained 3 years of experience in OM&M of LFG systems and related field activities. **He has provided blower/flare station data collection and adjustment/maintenance, probe sampling and surface emissions monitoring at various City of San Diego and County of San Diego area landfills.** He has also applied his experience to providing non-routine scheduled repairs, emergency call-out response, maintenance and repairs on pneumatic condensate injection pumps, and monitoring assistance as needed.

**Luis Leon.** A technician since January 2025; Luis resides in San Diego County. With experience in plumbing and highway maintenance and fluency in Spanish, Luis has applied his skillset to his SCS projects, providing LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring and surface emissions monitoring. In addition to these services, he also **provides non-routine scheduled repairs, emergency call-out response, as-needed monitoring assistance, and maintenance and repairs on extraction pumps and air compressors at various City of San Diego and County of San Diego area landfills.**

**Armando Lara.** Armando is an OM&M Superintendent with 11 years of industry experience. He has experience in operation of heavy equipment and with flare construction, gas collection and control system construction and greenhouse gas regulation services. **He has provided construction services, repair services, extraction well adjustment, blower/flare station adjustment/maintenance and condensate system/sump maintenance, as well as non-routine scheduled repairs and emergency call-out response at various City of San Diego and County of San Diego area landfills.** He is responsible for many phases of project construction, including development, management, and oversight of field construction, and for preparation and installation of extraction wells, condensate collection/containment facilities and leachate control/disposal facilities. Additional experience includes surveying, establishment of grades, preparation of as-built documentation and compilation of field notes.

**Angel Odgers.** Angel is a Project Foreman with 15 years of experience in OM&M of LFG systems and related field activities. He has provided piping services, repair services, construction services, gas collection and control system repairs and improvements. He has performed blower/flare station data collection and adjustment/maintenance and condensate system/sump maintenance. Additional **responsibilities include providing non-routine scheduled repairs, emergency call-out response, and maintenance and repairs on gas collection lines, wells, extraction pumps, pneumatic condensate injection pumps, pneumatic condensate sump pumps, air compressors, thermocouples, and electrical components at various City of San Diego and County of San Diego area landfills**.

**Alberto Odgers.** Alberto is a Fusion Technician with 4 years of experience. **He has provided pipe fusion services, construction services, repair services, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, greenhouse gas regulation services and gas collection and control system repairs and improvements at various City of San Diego and County of San Diego area landfills.** He also has performed non-routine scheduled repairs, emergency call-out response, and maintenance and repairs on extraction pumps, pneumatic condensate sump pumps, and air compressors.

**Franco Hernandez.** Franco is a laborer, who resides in San Diego County. He has gained experience in OM&M of LFG systems and field activities related to liquids and gas sampling and monitoring. **He has performed LFG construction services at various City of San Diego and County of San Diego area landfills.** He has also provided non-routine scheduled repairs and emergency call-out response.

**Zachary Hess.** A laborer; Zachary resides in San Diego County. Zachary has growing experience in OM&M of LFG systems and field activities related to liquids and gas sampling and monitoring. **He has provided LFG construction services and has performed non-routine scheduled repairs and emergency call-out response at various City of San Diego and County of San Diego area landfills.**

**Adrian Padilla.** A technician since February 2021; Adrian resides in San Diego County. He has gained 4 years of industry experience. His LFG experience includes blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, surface emissions monitoring, CQA services and GCCS repairs and improvements. He has also **provided non-scheduled repairs and emergency call-out response, as well as installation, maintenance and repairs on gas collection lines, wells, extraction pumps and sump pumps. He performs this work at various City of San Diego and County of San Diego area landfills.**

**Adrian Rodriguez.** A laborer since August 2024; Adrian resides in San Diego County. Before joining SCS, Adrian gained experience in heavy equipment operation, construction, confined space entry,

plumbing and electrical work. His valuable skillset has applied to his work at SCS, where he has provided construction services, LFG well monitoring, condensate system/sump maintenance, surface emissions monitoring, liquids handling, well raising and pipe fusing. He has also **performed non-routine scheduled repairs and emergency call-out response, as well as maintenance and repairs on pneumatic condensate sump pumps. He has worked on various City of San Diego and County of San Diego area landfills.**

**Diego Reyes-Lopez.** Diego is a Project Manager with 9 years of experience in LFG control and recovery and field work at landfills. His LFG experience includes LFG blower/flare station design; design and installation of LFG collection systems and landfill dewatering systems; CQA services; preparation of as-built documentation and compilation of field notes; and oversight of GCCS operations and maintenance, flare operations and maintenance, non-routine repair, and emergency call-out response. He has performed OM&M of LFG systems at several landfills in San Diego County and other sites in Southern California*. At the City of San Diego's Miramar Landfill, he provided CQA services and construction engineering support during drilling and installation of vertical LFG extraction wells, GCCS construction, and installation of a new central blower station. During SCS's Aerated Static Pile Project, he was also responsible for design and plan preparation and GCCS expansion projects at that landfill.*

**Diego has been working at City of San Diego landfills for 9 years.** He has been directly involved with work at several County of San Diego, City of San Diego, and Republic Services sites, performing quarterly AB 32 monitoring events, design, and CQA for GCCS expansion events, and as-needed engineering design services. He frequently manages communications with public and private clients, regulators, contractors, and vendors. He has a comprehensive understanding of LFG projects, design and construction quality standards, construction management, compliance, permitting, environmental investigation and remediation.

**Rachelle Huber.** As a Project Manager, Rachelle has experience in the Environmental field, having worked for Republic Services as an Environmental Manager, as well as at Newby Island and Sunshine Canyon Landfills. She has knowledge of environmental regulations and experience implementing routine inspections relating to air, water, solid waste, and material recovery/recycling. She also worked for Cornerstone Environmental Group as a gas systems design and CQA engineer.

**Rachelle's experience includes managing and implementing routine inspections on air, water, solid waste, and material recovery/recycling projects, as well as interactions regarding inspections with regulatory agency representatives. She has supervised and interacted with landfill staff to monitor, operate, and maintain gas extraction and leachate systems. She routinely reports to state and local agencies to ensure continued compliance with site permits.** She has managed multiple capital projects, vendors, material purchase, and site operations concurrently, in addition to managing and implementing annual budget requirements for capital projects and expense accounts. She has overseen and worked with outside vendors handling environmental systems and made recommendations regarding vendor activities. Rachelle has managed annual stormwater regulatory requirements from BMP implementation, BMP material purchase, stormwater reporting, and inspections*. While at university in San Diego, she worked for over a year with the City as an intern and became familiar with City landfills. Her work involved flare station design assistance at Miramar Landfill.*

**Glorya Escobar.** As an Associate Professional, Glorya provides engineering/design support for solid waste projects, focusing on landfill, LFG, and composting. Her work involves support for permitting and design, air quality and compliance support, construction, operation, and monitoring for private and municipal clients. **She has worked on various projects for landfills in the County of San Diego over**

**the past 2 years, including Otay, Sycamore, and Miramar Landfills, as well as the inactive landfill at Palomar Airport.** She drafted GCCS designs and performed CQA services during construction of these designs. *During the 2024 GCCS Expansion Design project at the Palomar Airport Landfill, she field designed the proposed header based on field conditions using the in-house survey equipment.* She has also worked on multiple GCCS designs for landfills outside the State of California.

Her work has included collecting groundwater samples at Superfund sites using various collection methods, including HydraSleeveTM technology. She has collected soil and soil gas samples for Phase II ESA reports and packaged and delivered them under chain of custody. Her professional experience also includes environmental engineering consulting, research and field work, customer service, education, and affordable housing development.

**Omar Aguilar Barragan.** As a Staff Professional, Omar has 4 years of experience and has completed a broad range of projects involving permitting, facility design, construction-related services, regulatory compliance, and research. His work has included preparation of construction plans and technical specifications for landfill liner systems; preparation of construction plans and technical specifications for GCCS expansions and initial systems installations; and development of designs for concrete and asphalt roadways, stormwater management systems, and retaining walls. **His work on engineering projects in the San Diego area includes the GCCS expansion design for Miramar Landfill; the GCCS expansion design and CQA oversight (drilling, piping, and as-built survey data gathering) at Sycamore Landfill; the expansion design, CQA oversight, compost pad construction CQA oversight, and compost pad expansion grading revisions at Otay Landfill; and the remediation plans for the Area 03 GCCS upgrade design and CQA oversight at Palomar Landfill.**

**Alicia Keomany.** Alicia has 5 years of experience as a Project Engineer on engineering, procurement, and construction projects at landfills, dairy farms, and other solid waste sites. She has overseen procurement of materials, equipment, and services on renewable natural gas projects. **She completes air quality and compliance reports related to SCAQMD Air Permit Rule 1150.1, LEA, and Title V; drafts designs for landfills and solid waste facilities; and conducts research and assessments for solid waste management assignments.** In addition to her skill in project management, as Project Professional, she is proficient in MS Project and MS Office programs, Wrike, AutoCAD, Bluebeam Revit, Procore and Civil3D.

**Jonathan Lee.** Jonathan is an Intern Engineer at SCS with growing experience in civil and environmental engineering. He provides technical and drafting support on landfill engineering and gas system projects. His experience includes AutoCAD Civil 3D and Plant 3D design, site inspections, quality assurance, and stakeholder engagement. *He applies his skills in infrastructure layout, gas system modeling, and design documentation, contributing to high-performing project teams and effective project delivery.* He is proficient in AutoCAD, Autodesk Civil 3D, Plant 3D, Inventor, ArcGIS Pro, and MS Office programs.

**At Sycamore Landfill over the past year, he developed landfill gas system and engineering site plans using AutoCAD Civil 3D and enhanced a central blower station design using AutoCAD Plant 3D to improve 3D model clarity and project coordination.** He also conducted on-site construction inspections and supported QA/QC, helping to reduce material waste. He delivered internal presentations to over 20 interns on project results, emphasizing design workflow improvements and lessons learned, and he led a team tutorial session on AutoCAD Plant 3D, improving group proficiency and efficiency.

**James Kim.** James is a Project Professional with 17 years of experience involving air quality compliance and permitting, GHG inventories, air monitoring at landfills, and environmental compliance. His work at SCS includes preparation of annual GHG reports, annual Landfill Methane Rule (LMR) reports under Assembly Bill (AB) 32, Title V permit applications, permit renewals, GCCS design plan updates, annual emission reports, emission inventories, and New Source Performance Standards (NSPS) and Startup, Shutdown, and Malfunction (SSM) compliance reports.

Since 2010, he has been involved in many City of San Diego projects. **He prepared GCCS design plans, Higher Operating Value (HOV) demonstrations, GHG monitoring plans, annual AB 32 LMR and MRR GHG reports for North Miramar, South Chollas, and West Miramar Landfills. He also prepared permit applications for the West Miramar Landfill, as well as semi-annual NSPS/SSM/Title V reports for North Miramar, West Miramar, and South Miramar Landfills.**

For San Diego County, he prepared Title V renewals, semi-annual NSPS, SSM and Title V reports, and the annual AB 32 LMR and annual MRR GHG reports for San Marcos Landfill. He also prepared the annual AB 32 LMR for Bonsall Landfill, the annual AB 32 LMR for Encinitas Landfill, and the annual AB 32 LMR for Jamacha Landfill. He also provided annual GHG reporting for emissions inventory requests and annual reports for the following County landfills: Bell Jr. High School, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar Airport, Poway, San Marcos, and Valley Center. Lastly, he reviewed air permit requirements for Bell Jr. and Hillsborough Landfills. Regulatory reports are submitted in a timely manner, meeting deadlines.

# 4. FIRM'S CAPABILITY TO PROVIDE SERVICES, AND PAST PERFORMANCE

## 4.1 Relevant Experience

Whether controlling landfill emissions, safely extracting LFG, or constructing landfill slopes and more, today's landfill owners and operators are presented with a host of economic and environmental challenges. Solutions to these challenges require experienced management and personnel. With more than 55 years of experience, SCS has the knowledge, skills, and resources to get the job done right. SCS provides engineering, construction, and OM&M of environmental protection systems and remediation projects throughout the United States. SCS delivers unparalleled solutions that enhance clients' bottom line and competitive position without compromising regulatory or environmental integrity**. SCS has constructed several hundred LFG management systems, and currently operates, maintains, and/or monitors more than 650 systems throughout North America—more than any other firm.** Our staff includes experts and seasoned contractors with many years of construction and operating experience. This combination enables us to develop innovative, yet practical, solutions to address both routine and unusual environmental challenges.

**Our field personnel have completed 40-hour H&S training and supervisor training per OSHA 29 CFR 1910.120. In addition, field personnel are trained in Competent Person Awareness for Trench and Excavation Safety, and Confined Space Entry in accordance with OSHA standards.**

*SCS is proud to note that it manages tens of thousands of LFG extraction wells, more than any engineering contractor nationwide.*

Our commitment to training field personnel pays generous dividends to our clients as well. The experience gained by our staff in the design, permitting, construction, and O&M of LFG systems allows us to install the most cost-effective systems for our clients. In-house design/build capabilities also enable SCS to offer creative landfill closure engineering, permitting, and fast-track construction services.

From regional operation centers across the country, SCS employs thoroughly trained, experienced, and fully equipped field technicians. Our qualified personnel, combined with a national reach, allow us to operate, maintain, and monitor over 300 environmental control and energy recovery facilities nationwide, in addition to other post-care services at landfills, including cap maintenance, groundwater monitoring, stormwater controls, corrective action, and regulatory compliance. **With over 1,330 employees, SCS is one of the largest and most experienced LFG operations/construction companies in the country.**

SCS's experience providing LFG, LFGTE, condensate system, and LCRS OM&M services throughout California and across North America is shown below in *Figures 1, 2, and 3*, respectively.

Figure 2. LFG & OM&M Experience Nationwide

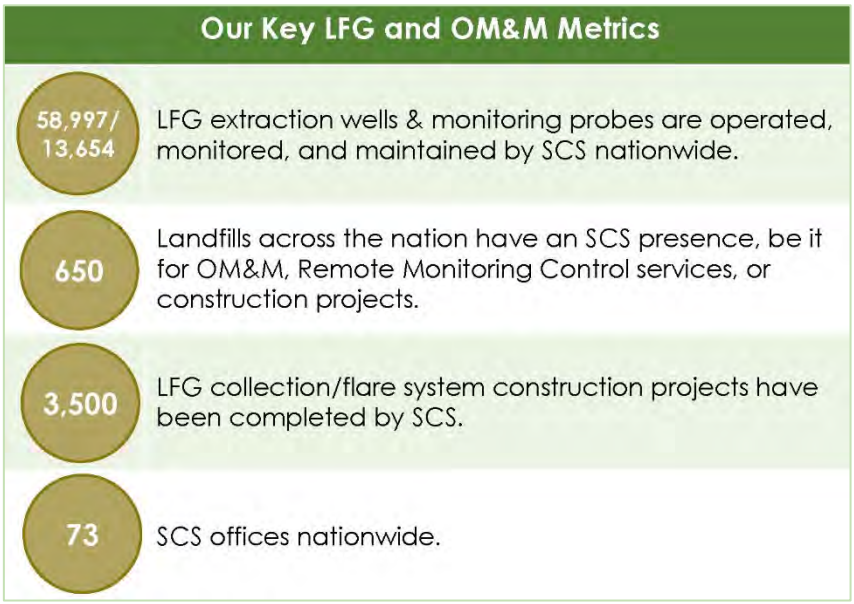
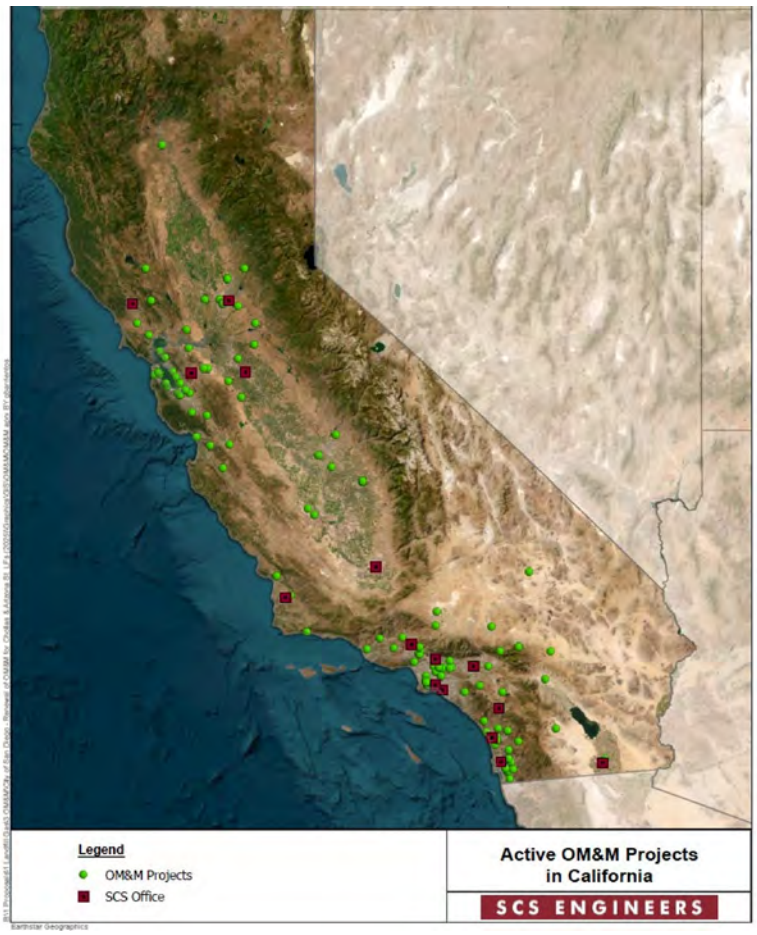



Figure 3. LFG & OM&M Experience in California



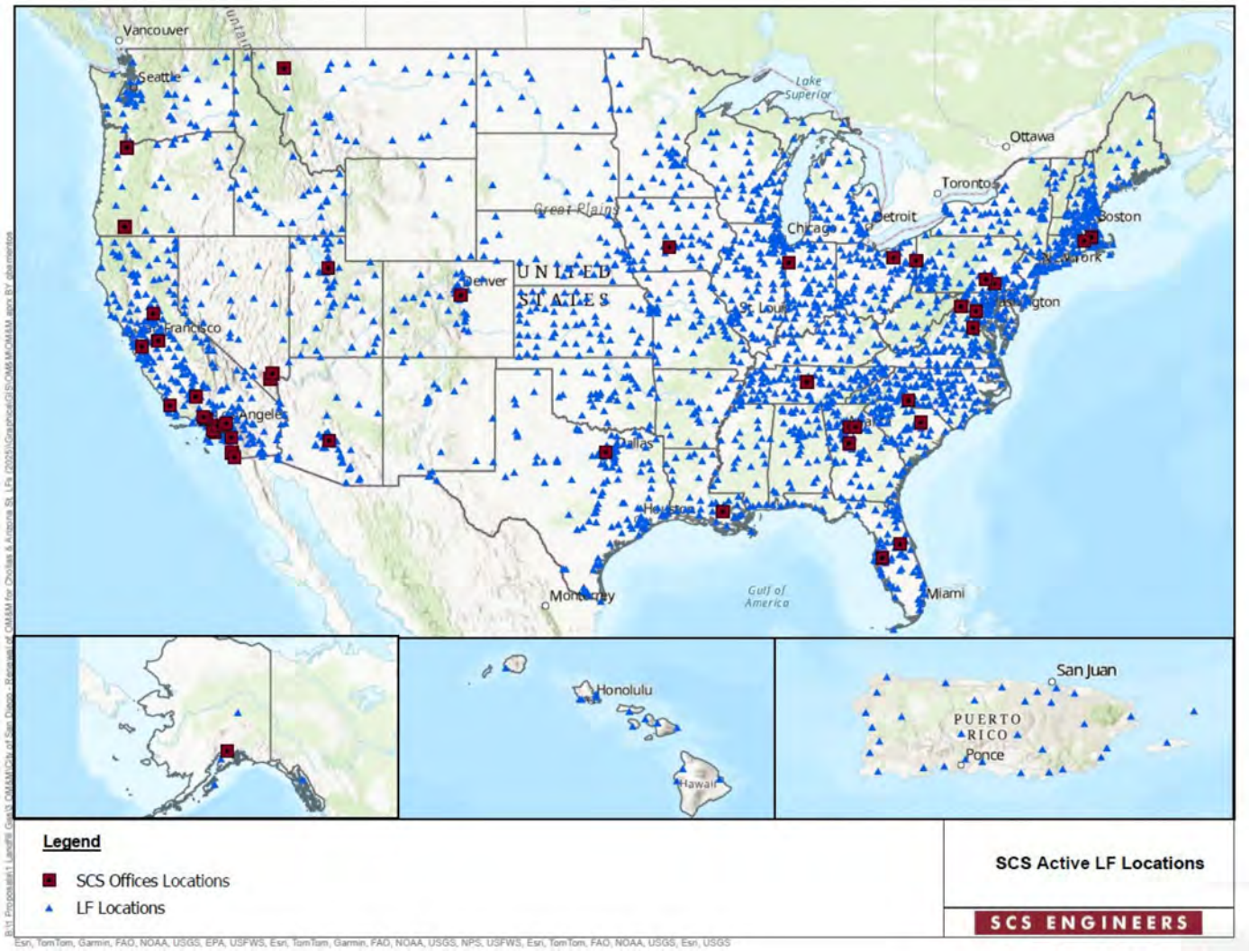



Figure 4. Active LFG & OM&M Experience Nationwide

SCS has provided the following five examples of recent related *local* project experience that demonstrates our ability to assist the City. SCS would be happy to provide additional examples of our project experience upon request.

# Project Experience No. 1

## City of San Diego Inactive Landfills (2 Sites): LFG OM&M Services

San Diego, California



SCS is providing LFG OM&M services for the City of San Diego at its (2) inactive landfills: South Chollas and Arizona Street Landfills. SCS has assisted with OM&M services at South Chollas for over 20 years and at Arizona Street since 2013.

SCS's scope of services includes:

- Blower/flare OM&M on two flare stations.
- Monthly wellfield monitoring, tuning, and reporting of 272 LFG extraction wells.
- OM&M condensate sump pumps, storage tanks, and conveyance systems.
- Quarterly monitoring of 129 probe completions.
- Management and reporting of Rule 59/AB 32 surface emissions monitoring programs.
- **Non-Routine Scheduled Work: Consists** of corrective repairs or maintenance identified during routine OM&M inspections and site visits. Work consists of, but is not limited to, repair of broken valves, replacement of torn flex hoses, repair of damaged conveyance piping, and related tasks as needed.
- **Non-Routine Unscheduled Emergency Services: Includes** events that require immediate response. The nature of these urgent items is such that a response cannot be scheduled ahead of time, such as blower and flare system shutdowns or any other GCCS-related incident. SCS responds to these conditions on an as-needed basis, 24 hours per day, 7 days per week.
- **AB 32 Source Testing and Reporting.**

**Project Owner/Client**
City of San Diego, Environmental Services Department
San Diego, CA 92123

**Budget**
$1,779,424

**Service Dates**
2005 – Current (South Chollas)
2013 – Current (Arizona Street)

**Reference Information 1**
John Mauk; 858-518-3648; Jmauk@sandiego.gov

**Reference Information 2**
Joseph Barhoumi; 619-541-3266; JBarhoumi@sandiego.gov

# Project Experience No. 2

## City of San Diego Miramar Landfills (3 Sites): LFG OM&M Services

San Diego, California



SCS is providing LFG OM&M services at (2) inactive landfills within the Miramar Landfill, and (1) active landfill within the Miramar Landfill. Since 2018, SCS has provided these services at the South Miramar Landfill (inactive), North Miramar Landfill (inactive), and West Miramar Landfill (active).

SCS's scope of services includes:

- Blower/flare OM&M on 2 flare stations.
- Central Blower Station OM&M.
- Monthly wellfield monitoring, tuning, and reporting of 484 LFG extraction wells.
- OM&M of 69 condensate sump pumps, storage tanks, and conveyance systems.
- Quarterly Monthly monitoring of 88 probe completions.
- Management and reporting of NSPS/AB 32 surface emissions monitoring programs.
- **Non-Routine Scheduled Work: Consists** of corrective repairs or maintenance identified during routine OM&M inspections and site visits. Work consists of, but is not limited to, repair of broken valves, replacement of torn flex hoses, repair of damaged conveyance piping, well extensions, relocation of headers due to landfilling operations, and related tasks as needed. While these activities are essential for proper system operation, it is considered that this type of work can be scheduled to allow for procurement of materials, equipment, and personnel. Operation of the North City Gas Compressor Station (NCCS).
- **Non-Routine Unscheduled Emergency Services: Includes** events that require immediate response. The nature of these urgent items is such that a response cannot be scheduled ahead of time, such as blower and flare system shutdowns or any other GCCS-related incident. SCS responds to these conditions on an as-needed basis, 24 hours per day, 7 days per week.
- **Professional Engineering Services:** Includes providing professional expertise and services for site planning, fill sequencing, engineering design, and overseeing installation of LFG blower/flare facilities, LFG extraction wells for existing LFG collection systems, and site civil planning, design, and support services in response to regulatory agency orders or directives.
- **AB 32 Source Testing and Reporting.**

- **Title V Semi-Annual Reporting: This** report is prepared for the Miramar Landfill and contains all necessary compliance forms, a statement of monitoring performed, and information on all deviations from permit conditions.

- **Title V Annual Compliance Certifications: This** report is prepared for the Miramar Landfill and contains all necessary compliance forms, a statement of monitoring performed, and information on all deviations from permit conditions.

**Project Owner/Client**
City of San Diego, Environmental Services Department
San Diego, CA 92123

**Budget**
$13,321,056

**Service Dates**
2018 – Current

**Reference Information 1**
Luis Campos; 858-518-3774; LCampos@sandiego.gov

**Reference Information 2**
Geoffrey Hook; 858-245-5882; GHook@sandiego.gov

# Project Experience No. 3

## County of San Diego Landfills (10 Sites): LFG OM&M Services

San Diego, California



SCS is providing LFG OM&M services at inactive landfills in San Diego County. For over 15 years, SCS has provided these services at Bell Junior High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha (*pictured*), Palomar Airport, Poway, San Marcos, and Valley Center Landfills. Project activities included:

- *Monitoring tasks*: Visual observation of the LFG system components during each visit; weekly flare station, condensate sump and collection tank monitoring; weekly inspection of the landfill surface for erosion, cracks and settlement; monthly perimeter probe monitoring and testing, and quarterly inspection of landfill surface using a Toxic Vapor Analyzer (TVA).

- *Routine and non-routine operations services*: Monthly adjustments to 365 LFG extraction wells and BFS. On a monthly basis, extraction system piping, including extraction well valves, flex hoses and the BFS piping, is inspected for emissions exceedances using a TVA.

- *Condensate sumps and air compressors are inspected weekly, and repairs are made as needed.* A comprehensive review of all alarm signals, PLCs, and RMC controls is

performed annually at each site, and a report with recommendations for improvement is prepared. Reporting includes monthly O&M reports for each site.

- *AB 32 Source Testing and Reporting*.

## Engineering Support

- SCS Engineers supports SCS on this operations contract. Several LFG systems and landfill design assignments have been completed, including projects at Bell Junior High, Poway, Bonsall, and Palomar Airport Landfills.

- At Hillsborough Landfill, which is surrounded by a residential community, SCS provided construction oversight of closure activities.

- At San Marcos Landfill, SCS provided expert witness services related to lawsuits against the landfill. SCS successfully obtained a San Diego County Air Pollution Control District (SDAPCD) Rule 59 variance, designed a new LFG system, prepared a Title V air permit, and has provided ongoing air quality permitting support.

- SCS designed and installed gas migration control facilities at Encinitas and Gillespie Landfills and installed four (4) micro-flare systems at the Bell Junior High, Gillespie, Hillsborough, and Jamacha Landfills. These projects were conducted on a design/build (turnkey) basis, and SCS currently operates all of the systems. SCS assisted the owner of the facilities in obtaining local permits necessary to operate these systems.

**Project Owner/Client**
County of San Diego DPW Solid Waste Division
5510 Overland Avenue, Suite 210
San Diego, CA 92123

**Budget**
$1 to $1.5 Million per Year

**Service Dates**
1996 – Current

**Reference Information 1**
Craig Burnett; 619-346-3723; Craig.Burnett@sdcounty.ca.gov

**Reference Information 2**
Joanne Seo; 619-650-2120; Joanne.Seo@sdcounty.ca.gov

# Project Experience No. 4

## Republic Services Landfills (5 Sites): LFG OM&M Services

San Diego and Imperial Valley, California



Since 2000, SCS has provided comprehensive OM&M, LFG, GHG, and air quality services at five of Republic Services' landfill sites in San Diego and Imperial Valley: Otay Landfill, Sycamore Landfill (*pictured*), Ramona Landfill, Borrego Landfill and Allied Imperial Landfill. SCS operates the GCCS at these sites to fulfill requirements set forth by the Title V Permit to Operate, as well as applicable state and federal air quality and GHG requirements. SCS performs periodic testing to evaluate the effectiveness of the GCCS and verifies that the landfills are in compliance with LFG emission limits, applicable rules and regulations, and permit requirements.

Additionally, SCS provides field crews and engineering support to manage liquids recovery systems at Otay Landfill, while at Sycamore Landfill maximizes LFG recovery to deliver LFG to the energy developer and flares.

SCS's scope of services includes:

- Blower/flare OM&M.
- Monthly wellfield monitoring, tuning, and reporting of 721 LFG extraction wells at the sites.
- O&M of over 60 LFG wells with pumps at Otay Landfill.
- Quarterly Liquid Levels Measurements of all LFG extraction wells.
- Monthly monitoring of 182 individual perimeter monitoring probes.
- Management and reporting of NSPS/AB 32 surface emissions monitoring programs.
- O&M of condensate and leachate sump pumps, storage, and conveyance systems.
- Inspection and maintenance of over 8,500 linear feet of liquid conveyance lines.
- **Non-Routine Scheduled Work: Consists** of corrective repairs or maintenance identified during routine OM&M inspections and site visits, as well as new capital expense projects dealing with the expansion of the GCCS, including well and header/piping installation. Work consists of, but is not limited to, repair of broken valves, replacement of torn flex hoses, repair of damaged conveyance piping, well extensions, relocation of headers due to landfilling operations, and related tasks as needed. While these activities are essential for proper system operation, it is considered that this type of work can be scheduled to allow for procurement of materials, equipment, and personnel.

- **Non-Routine Unscheduled Emergency Services: Includes** events that require immediate response. The nature of these urgent items is such that a response cannot be scheduled ahead of time, such as flare shutdowns or any other GCCS-related incident. SCS responds to these conditions on an as-needed basis, 24 hours per day, 7 days per week.

- **Professional Engineering Services:** Includes providing professional expertise and services for site planning, fill sequencing, engineering design, and overseeing installation of LFG blower/flare facilities, LFG extraction wells for existing LFG collection systems, and site civil planning and design, and support services in response to regulatory agency orders or directives.

- **Annual AB 32 Source Testing and Reporting.**

- **Title V Semi-Annual Reporting: This** report is prepared for the Otay Landfill and contains all necessary compliance forms, a statement of monitoring performed, and information on all deviations from permit conditions.

- **Title V Annual Compliance Certifications: This** report is prepared for the Otay Landfill and contains all necessary compliance forms, a statement of monitoring performed, and information on all deviations from permit conditions.

**Project Owner/Client**
Republic Services
8514 Mast Blvd
Santee, CA 92071

**Service Dates**
2000 – Current

**Reference Information 1**
Jesus Torres; 619-449-9152 JTorres@republicservices.com

**Reference Information 2**
Neil Mohr; 619-733-7525; NMohr@republicservices.com

# Project Experience No. 5

## Las Pulgas Landfill: LFG OM&M Services

### Oceanside, California (Marine Corps Base Camp Pendleton)

For the past 9 years, SCS has provided LFG OM&M services at the Las Pulgas active landfill within the Marine Corps Base Camp Pendleton.

SCS's scope of services includes:

- Blower/flare OM&M flare station.

- Monthly wellfield monitoring, tuning, and reporting of 9 LFG extraction wells.

- OM&M of 1 condensate sump pump, storage tanks, and conveyance systems.
- Monthly monitoring of 19 probe completions.
- Management and reporting of NSPS/AB 32 surface emissions monitoring programs.
- **Non-Routine Scheduled Work: Consists** of corrective repairs or maintenance identified during routine OM&M inspections and site visits. Work consists of, but is not limited to, repair of broken valves, replacement of torn flex hoses, repair of damaged conveyance piping and related tasks as needed.



- **Non-Routine Unscheduled Emergency Services: Includes** events that require immediate response. The nature of these urgent items is such that a response cannot be scheduled ahead of time, such as blower and flare system shutdowns or any other GCCS-related incident. SCS responds to these conditions on an as-needed basis, 24 hours per day, 7 days per week.
- **AB 32 DRE/Source Testing and Reporting.**

**Project Owner/Client(s)**
Marine Corps Base Camp Pendleton Environmental Security
DSC-EMI Maintenance Solutions, LLC

**Budget**
$1,000,839

**Service Dates**
2016 – Current

**Reference Information 1**
Carroll Hale; 760-468-7734; Carroll.hale@usmc.mil

**Reference Information 2**
Don Johnson; 951-294-2058; djohnson@dsc-emi.com

## 4.2 Additional Relevant Expertise

### Air Quality Compliance Expertise

SCS has air quality expertise in a number of areas relating to landfills and other solid waste facilities, including assisting clients in compliance with New Source Performance Standards (NSPS) and Emission Guideline (EG) requirements, Title V permitting, local and federal New Source Review (NSR) requirements, federal Prevention of Significant Deterioration (PSD) permitting, and local air district construction permitting.

## State and Local Permitting Services

Our state and local permitting services encompass permitting applicability reviews for LFG systems, facility expansions and new construction, and preparation and submittal of applicable permit applications. These projects typically involve preparation of documentation, emissions calculations, source testing, air modeling, application preparation, fee calculation, and permit negotiation. SCS has extensive experience completing applications for permits-to-construct and permits-to-operate for submittal to state and local air pollution control agencies in California and across the country. SCS has an excellent working relationship with air quality regulatory districts in California, including the South Coast Air Quality Management District (SCAQMD) and the Mojave Desert Air Quality Management District (MDAQMD).

## Greenhouse Gas and AB 32 Methane Rule Experience

As one of the firms pioneering our nation's efforts to reduce GHG emissions from landfills, in order to combat global warming, SCS is a recognized expert on the subject. Since July 2010, SCS has provided comprehensive air quality, LFG, and GHG services for the County's landfills at Barstow, Big Bear, Cajon, Colton, Heaps Peak, Hesperia, Landers, Mid-Valley, Milliken, San Timoteo, Twenty-Nine Palms, Victorville, and Yucaipa.

At the request of the County SCS has provided regulatory updates and training for County staff.

## Title V and NSPS Compliance Experience

SCS has been awarded Title V permitting projects for over **200** municipal solid waste (MSW) landfills throughout the United States, including over **75** sites in California. We provide ongoing Title V reporting services for most of these sites. We have also developed Title V applications, reviewed draft Title V permits, and/or negotiated permit terms on behalf of clients.

## Experience with Projects Under Litigation

SCS's first project in 1970 involved protection of a subdivision from LFG migration at the Palos Verdes Landfill in Southern California. Thousands of projects later, SCS continues to meet the challenge of conventional solid waste services such as waste planning and landfill transfer station siting and design, as well as unusual assignments such as underground fire suppression at landfills, and design of recycling programs for theme parks.

Many SCS senior staff provide expert witness testimony in LFG and landfill valuation disputes for various projects, including active and inactive landfills, Superfund sites, natural methane migration, and natural gas transmission piping and storage.

### Litigation and Dispute Resolution Support

Through our work on numerous projects for a wide variety of client-types throughout the United States, SCS has gained clear insight into the legal issues surrounding environmental and solid waste related projects and this deep understanding enables us to best identify relevant and effective legal strategies and arguments. The depth of our knowledge of a targeted industry such as environmental due diligence is backed up with data that we are thoroughly familiar with and work with on a daily basis.

SCS subject matter experts can guide our clients through all aspects of the information management and discovery cycle, including developing retention schedules, identifying key records and building discovery response processes.

## Litigation Strategy

Developing a strong litigation strategy involves the process by which counsel in a lawsuit or claim intends to integrate technical positions into their actions to achieve the overarching goal of the litigation. The strategic goal may be verdict, or the damages awarded in a case, or it may be more far-reaching, such as setting legal precedent, affecting regulatory or industry standards, or reshaping the public's perception of the client. Broader goals and more challenging cases require a strategist with a greater understanding of, and facility with, the technical issues of litigation strategy. Our multi-disciplined business lines allow SCS to remain as relevant in the field as in the courtroom. Our specialists, including attorneys, understand the legal arena and the technical subject matter, allowing us to provide well-rounded, practical consulting and advice.

## Discovery Services

In all complex litigation, a discovery process is required. Responding to a discovery request involves a myriad of complex requirements for proper data collection, processing, review, and production. The number of response documents can range from hundreds to millions, and each must be produced in an efficient, secure, and easily accessible manner.

No matter what aspect of the discovery process our clients face, we provide services specifically tailored to meet the client's requirements and needs.

## Developing Expert Opinion

SCS professionals routinely prepare expert opinion reports and white papers to assist attorneys responding to legal cases. This generally involves reviewing and interpreting the evidence of record in the case. In some situations we have been asked to provide additional analysis or investigation into specific issues, conduct site visits, review contracts, perform valuation analyses and cost estimates for property valuation purposes.

## Expert Testimony/Deposition

SCS professionals have participated in a broad array of environmental and construction claims and litigation. Our professionals are more than experts in their field: they are expert translators and communicators, capable of interpreting and simplifying even the most complex ideas into easily comprehendible concepts for a lay person, a judge or arbitrator, or a jury. SCS professionals possess significant experience in providing expert witness testimony at trial and in other dispute resolution forums related to complex areas of environmental stewardship. This has involved cases at the local, state, and federal level.

## File Review

For most legal cases, a myriad of evidence needs to be thoroughly reviewed and assimilated in order to establish the importance of contributing events, assist with timeline development and event sequencing, and facilitate the expert opinions and support services provided.

## Regulatory Support

SCS has significant experience representing private clients, municipal clients, developers, special agencies, governmental agencies, and industry with respect to investigations of acts of potential wrongdoing or failures of regulatory compliance. We understand the need to handle these issues for our clients in a timely, smart, ethical, and often confidential manner.



*SCS monitors many kinds of sites for contamination, supplementing our work in regulatory compliance.*

Our effectiveness in this area is supported by our long track record of developing and adhering to strong compliance programs for a broad range of clients. We understand the importance of compliance training and reporting mechanisms to allow companies to self-regulate. We can respond quickly to regulatory complaints or Notices of Violation (NOVs) due to our firm's extensive corporate regulatory knowledge and understanding. Many of our senior professional staff has assisted in rule and regulatory development at the local, state, and federal levels.

## Preparing Cost Estimates

SCS is often asked to review or prepare cost estimates related to a particular legal issue, economic benefit, clean up strategy, or other damage claim. We have provided expert testimony in claims related to property damage, environmental contamination of both soil and groundwater, damage to natural resources due to chronic releases of toxic chemicals, indoor air quality and health risk, various landfill and solid waste facility costs, and Potential Responsible Party (PRP) liability, to name a few.

## Landfill Groundwater Experience

SCS specializes in investigating and controlling landfill-related contamination of groundwater. We have investigated groundwater contamination and suspected contamination at more than **150** landfills in the Western U.S. and have found that groundwater contamination is often due to gas phase migration. SCS has conducted many investigations relating to impacts of LFG on groundwater, especially as it relates to gas-to-water transfer of volatile organic compounds (VOCs). LFG migration also characteristically affects inorganic groundwater chemistry. The resulting geochemical changes provide clues to migration mechanisms and specific pathways. We have significant experience identifying these mechanisms, designing remedial measures to address various contaminant migration pathways, and preparing Engineering Feasibility Studies (EFSs) and Corrective Action Plans (CAPs) for regulatory agency approval.

Our highly qualified geologists, hydrogeologists, and groundwater and stormwater experts can identify and solve groundwater contamination issues at or near landfills before they get out of control. Our expertise is such that Regional Water Quality Control Board (RWQCB) staff have recommended us to landfill owners/operators on multiple occasions.

Some of our recent groundwater projects on various landfills in California include:

- **El Sobrante Landfill, Riverside County.** SCS has provided sampling and monitoring of 18 groundwater wells and gas condensate, leachate, sub-drain, and seep locations to determine the presence of potential releases from waste units impacting groundwater at this Landfill. Resampling of wells as a result of statistical indications of a release and

associated documentation required for the activities have been completed. Groundwater well and LFG well/probe abandonments, and installation of approximately 40 locations at sites in preparation for 6 phases of the landfill's expansion or in response to regulatory requirements, have been completed during the project, along with technical review of draft Waste Discharge Requirements (WDRs).

- **Western Placer Sanitary Landfill, Placer County.** SCS monitors over 30 groundwater wells on a quarterly basis, as well as monthly monitoring of leachate and unsaturated zone locations. SCS is also preparing new WQPS to establish new concentration limits for groundwater and the vadose zone. SCS's contract with the County has been expanded to include landfill gas and leachate monitoring and continues groundwater monitoring and reporting.

- **Neal Road Landfill, Butte County.** In addition to the routine groundwater and leachate monitoring and reporting services, SCS has replaced two monitoring wells that were dry, including a background monitoring point; replaced a failed lysimeter; and prepared a WQPS report to establish new concentration limits for the site.

- **L&D Landfill, Sacramento County.** SCS monitors water levels quarterly in over 30 monitoring wells and provides both quarterly and semi-annual sampling and analysis of groundwater monitoring wells, the groundwater treatment system influent and effluent, leachate, surface water, and retention ponds. Furthermore, SCS is also preparing work plans to evaluate the current groundwater extraction system and make improvements as needed.

As a **value-added** service, our monthly O&M reports will be reviewed and stamped by certified geologist and groundwater specialist, **Chuck Houser, PG/CEG/CHg.** Mr. Houser's experience on groundwater projects entails:

- **Arizona Street Landfill Solid Wastewater Quality Assessment Test (SWAT):** Assisted with drilling, installation, and sampling of groundwater monitoring well network installed for the SWAT. Experience included well drilling and logging, evaluation of location of groundwater and appropriate design of well screen, groundwater sampling, evaluation of groundwater sample results, and preparation of SWAT document.

- **Landfill siting-Oak Canyon, Spring Canyon, and Upper Sycamore Canyon sites:** Conducted geologic mapping and drilled, installed, and sampled groundwater monitoring wells used to collect pre-landfill baseline groundwater data. Experience included geologic reconnaissance mapping and trenching to evaluate geologic units present and locations of contacts between units, and drilling, logging, installation, and sampling of groundwater monitoring wells for baseline data collection. Wells included relatively shallow wells along canyon floors and deep (500 feet +/-) wells along ridgelines. Deep wells required air-rotary, casing advance drill rigs to reach depth and maintain open boreholes for well installation.

- **Bay Area Class I Hazardous Waste Disposal Facility Investigation: Drilling** and installation of wells to evaluate migration of hazardous constituents (tetra ethyl lead) in bedrock below a Class I facility in the Bay Area of Central California. Due to the presence of high lead concentrations during drilling, project was conducted in Level B PPE and supplied air (Cascade System airline supply).

- **Northern San Diego County Indian tribal disposal facility:** Drilling, installation, and sampling of groundwater monitoring well network for point-of-compliance modeling between a tribal waste disposal facility (municipal and burn dump) and community groundwater supply well.

- **Site Inspection Assessment for Ship Repair Basins at 32nd Street Naval Base: Drilled**, installed, and sampled network of four groundwater monitoring wells around prior ship repair basins. Experience also included evaluation of well data and preparation of the Site Inspection (SI) report.

- Numerous assessments for leaking UST sites and other contamination sites. Assessments have included design of well networks, drilling and logging boreholes, installing appropriately constructed wells, groundwater sampling and data evaluation, and preparation of assessment reports.

- Numerous assessments of groundwater resources including evaluation of aquifer characteristics and evaluation of potential well impacts from potentially contaminating sites.

### Licensed Contractor

SCS is a licensed General "A" Contractor with Hazardous Waste certification in California, and as such we are able to provide turnkey design/build/operate services and mobilize construction crews on short notice to fulfill project requirements.

## 4.3 Subcontractors

### 4.3.1 Subcontractors and Previous Relationship with SCS on Similar Projects

SCS has identified key subcontractors that may (as needed) work in support of this project. Attachment A, in Tab A, includes details on our subcontractors and detail SCS's relationship with them on projects similar in size and/or scope to the City's RFP. Because of our remarkable experience and success on these projects with these subcontractors, SCS knows we are best suited to provide the City with the same ***S**uperior **C**lient **S**ervice* we are known for.

Additionally, SCS has a long history of diversity utilization of small business, woman-owned, minority-owned businesses, 8(a) and HUBZone, and other disadvantaged businesses. Without compromising our commitment to the highest standards of reliability and quality, we wish to assure the City of SCS's full commitment to meeting and exceeding the City's Small Local Business Enterprise (SLBE) and Disabled Veteran Business Enterprise Contracting Program (DVBE) and utilization goals on all Routine Services and Non-Routine Task Orders. SCS has secured commitments from our existing DVBE partnerships (some of whom are also experienced on City sites), and **we have provided all required forms and documentation, including subcontractor qualifications, in Attachment A, in Tab A.**

# 4.4 Knowledge and Understanding of Local Environment, Local Presence, and Geographical Locations

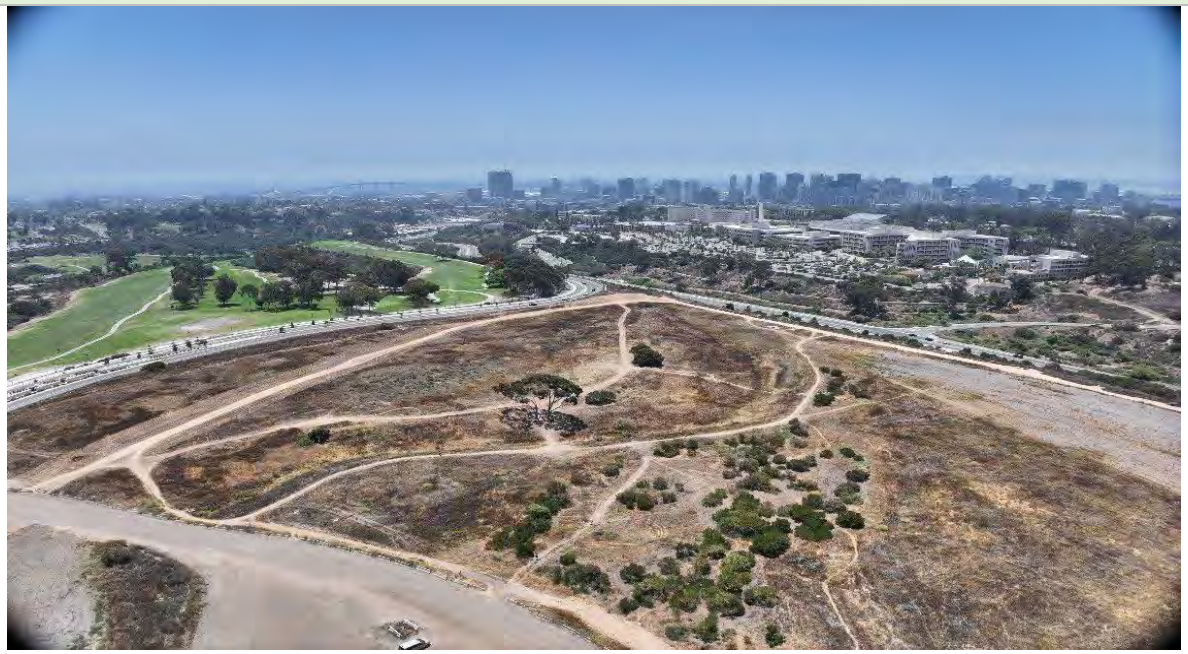
SCS has assisted and successfully worked with the City and ESD on many, many projects and sites spanning well over a 25-year period. These successful relationships, based on delivering our firms core value of *Superior Client Service*, continue to this day. These successes were built upon clear, concise communications and the delivery of goods and services as promised.

The relationships that SCS has built with the City and other local clients help us to build the same long-term working relationships and trust with the local regulatory agencies; from City and County LEA staff to APCD staff, SCS has dealt with permitting issues and concerns, reporting, variance hearings, and client defense.

In addition, our extensive history and presence in the San Diego area afford us great relationships with local vendors and suppliers which we are able to leverage for our clients' economic benefits.

## 4.4.1 Knowledge of Site History, Impacts, and Land Uses

**Arizona Street Landfill**



**Systems/Components**

*Landfill gas blower flare station and gas collection and control system, 91 LFG extraction wells, 19 monitoring probes in 8 different well casings.*

The Arizona Street Landfill is located at 2890 Pershing Drive, San Diego, CA. The Landfill is located on the northeast corner of Balboa Park and covers 66.8 acres. The site was initially developed as the Balboa Park Landfill for disposal of demolition debris from 1935 to 1936. From 1952 to 1974 the site was operated as the Arizona Street Landfill, a Class III municipal solid waste disposal facility, and received approximately 1,938,000 tons of waste. The site is unlined and currently has an interim cover consisting of native onsite soils placed over the refuse.



In 1991, the City installed an LFG collection system and flare station. The flare station began operation in July 1991 and is currently operated and maintained by the City and field monitoring is conducted by SCS. To date, the City has installed a total of 91 LFG extraction wells within the landfill and a total of 19 monitoring probes in a total of eight different well casings.

There is mixed use and development of the Arizona Street site which includes public-access ball fields, disc golf, running track, and archery course. In addition, City Parks and Recreation Department has buildings and storage facilities on the site. A residential development is directly adjacent to the eastern area of the site, and a hospital and Balboa Park are adjacent to the site to the north.

SCS understands that operating and maintaining the site to protect the public health and safety is of paramount importance.

SCS also understands that there are ongoing issues related to groundwater impacts from LFG occurring at this site, and that there have been periodic compliance challenges relating to subsurface gas migration at the sites' boundaries.

The natural and expected settlement of a landfill over time has also created many challenges to be able to operate and maintain the existing gas collection system. SCS is aware of these issues and has worked with ESD on these issues and other challenges at the site.

**South Chollas Landfill**



**Systems/Components**

*Landfill gas blower flare station, a 3-loop header gas collection and control system, 178 LFG extraction wells, 112 monitoring probes in 57 different well casings.*

The South Chollas Landfill is located at 2781 Caminito Chollas, San Diego, CA. The 216-acre site includes the main landfill and a City Operations Station. Between 1951 and 1981, the South Chollas Landfill operated as a Class III landfill that accepted approximately 4.75 million tons of municipal wastes. The South Chollas Landfill is an unlined site.

In 1993, the existing LFG control system was constructed, and is currently operated and maintained by the City and field monitoring is conducted by SCS. The LFG control system in place is a 3-loop header system with one loop covering the east side of the landfill, a second loop covering the west side of the landfill, and a third loop covering what is known as the Holy Spirit side of the landfill, named after the old Holy Spirit landfill that once had its own LFG BFS, but has since been incorporated into the larger South Chollas GCCS. To date, a total of 112 monitoring probes within 57 different well casings and 187 LFG extraction wells have been constructed, and the collection system operates nearly continuously, incinerating approximately 650 cubic feet of LFG per minute.

There is mixed use and development of the South Chollas site; from public-access ball fields and a radio-controlled planes runway to city maintenance departments and storage facilities. Residential

developments, and also a church/school facility, are directly adjacent to the western/southwestern site boundary. North of the site is the Chollas Lake Park that schedules public events and has countless visitors on a daily basis.



SCS understands that operating and maintaining the site to protect the public health and safety is of paramount importance.

SCS also understands that there are ongoing issues related to groundwater impacts from LFG occurring at this site, and that there have been periodic compliance challenges relating to subsurface gas migration at the sites' boundaries.

The natural and expected settlement of a landfill over time has also created many challenges to be able to operate and maintain the existing gas collection system. SCS is aware (and has worked with ESD on these issues and challenges) that the ESD is currently replacing sections of the gas collection system and re-grading many parts of the site.

### 4.4.2 Understanding and Knowledge of Applicable Laws, Regulations, and Enforcement

SCS has an exceptional record of assisting clients in complying with local, state, and federal regulatory requirements. Throughout this proposal, we cite examples of the Team's familiarity with these regulations, which include:

- **CFR Title 40, Part 258 (Subtitle D): These** are the siting, design, operational, and closure rules administered by the US EPA, CalRecycle, and State Water Resources Control Board. The design and operating plan for a landfill must be consistent with Subtitle D standards. Key issues to be considered by the Team: (1) design criteria (slope stability, liquid generation, liners, and leachate control); and (2) operations criteria (hazardous waste exclusion, LFG control, air and water quality protection, and surface water control).

- **CCR Title 27; CIWMB: These** include former Title 14 landfill operational and closure rules administered by CalRecycle. The Team has prepared permit documents under Title 27, including Reports of Disposal Site Information (RDSI), Joint Technical Documents (JTDs), Closure and Post-Closure Maintenance Plans (PCMPs), and Solid Waste Facility Permit (SWFP) applications.

- **CCR Title 27; RWQCB: These** are former Title 23, Chapter 15 rules administered by the Regional Water Quality Control Board (RWQCB), which address water quality protection and monitoring standards affecting landfill construction, closure, and post closure. We have prepared JTDs that include RWQCB requirements and standards.

- **CCR Title 17:** This was AB 32, the California Global Warming Solutions Act of 2006, which contained the recently promulgated "Regulation Order: Methane Emissions from Municipal Solid Waste Landfills," which was adopted by CARB in June 2009 and took effect on January 1, 2010.

- **SDCAPCD Rules 59 and 59.1:** These are local rules administered by the San Diego County Air Pollution District, and address the reactive organic compounds, odors, and/or toxic air containment emissions from waste disposal sites. Rule 59 took effect on November 3, 1987, while Rule 59.1 was adopted and effective on June 17, 1998.

- **SDCAPCD Rule 98:** Also administered by the San Diego County Air Pollution District, this rule provides guidelines for unforeseeable failure or malfunction of air pollution control equipment or related devices. The rule was effective in April 1978 and revised in July 1995.

- **Additional Regulations:** Title V provisions, NSPS, federal and state GHG rules, and all relevant SDCAPCD rules.

A summary of our understanding of the laws and regulations that apply to the City's landfill sites is shown in Exhibit 3.

Exhibit 4. SCS Understanding of Laws and Regulations Applicable to City Landfill Sites

| Landfill Sites | NSPS | Title V | SSM | Title 27 | AB 32 Methane Reduction Rule | GHG Federal Mandatory Reporting Rule | SDCAPCD Permit to Operate |
|---|---|---|---|---|---|---|---|
| South Chollas Landfill | | | • | • | • | • | • |
| Arizona Street Landfill | | | | • | | | • |

### 4.4.3 Demonstrated History of Successful Communications and Working Relationships with City Staff and Local Regulatory Agencies

SCS has assisted and successfully worked with the City and ESD on many, many projects and sites spanning well over a 25-year period. These successful relationships, based on delivering our firms core value of *Superior Client Service*, continue to this day. These successes were built upon clear, concise communications and the delivery of goods and services as promised.

The relationships that SCS has built with the City and other local clients help us to build the same long-term working relationships and trust with the local regulatory agencies; from City and County LEA staff to APCD staff, SCS has dealt with permitting issues and concerns, reporting, variance hearings, and client defense.

In addition, our extensive history and presence in the San Diego area afford us great relationships with local vendors and suppliers which we are able to leverage for our clients' economic benefits.

## 4.5 Meeting the City's Needs in a Timely Manner

As described in Section 3. *Staffing Plan* above, SCS's workforce and resources in San Diego are unmatched in our industry and are at the City's disposal. SCS will be able to continue responding and fulfilling the City's needs at South Chollas and Arizona Street Landfills uninterrupted for the duration

of the contract. The City will continue to benefit from our knowledge and experience at both sites and will lose no time in having to train an unfamiliar firm on your LFG systems. This reduces the risk of potentially missing regulatory compliance deadlines or manufacturers' recommended maintenance schedules. Our staff has an exceptional track record of responding to the needs of the City over the course of the last 15 years, whether it is responding to emergency call-outs, or emergency piping repairs or well raisings, or on-the-spot inspections from regulatory agencies. **Absolutely no other firm** in San Diego can say the same. The **S***uperior* **C***lient* **S***ervice* that SCS provides the City will continue to be a mainstay of our relationship. SCS will provide the City with a seamless transition between contracts, and will be able to hit the ground running, giving the City the peace of mind that you will be taken care of for the next 5 years, and hopefully beyond.

## 4.6 Past Performance and References

Section 4.1 (see *Page 47*) contains project profiles and references describing work being performed by SCS for projects that are very similar in nature to the work proposed for the City's landfills. SCS is very proud of our past and current performance on these projects, and we encourage the City to contact any of the references listed to discuss our performance.

# Figure 5. Estimated Level of Effort

**CITY OF SAN DIEGO LANDFILL GAS SYSTEM SUPPORT SERVICES** **SOLICITATION NUMBER 10090245-25-R**

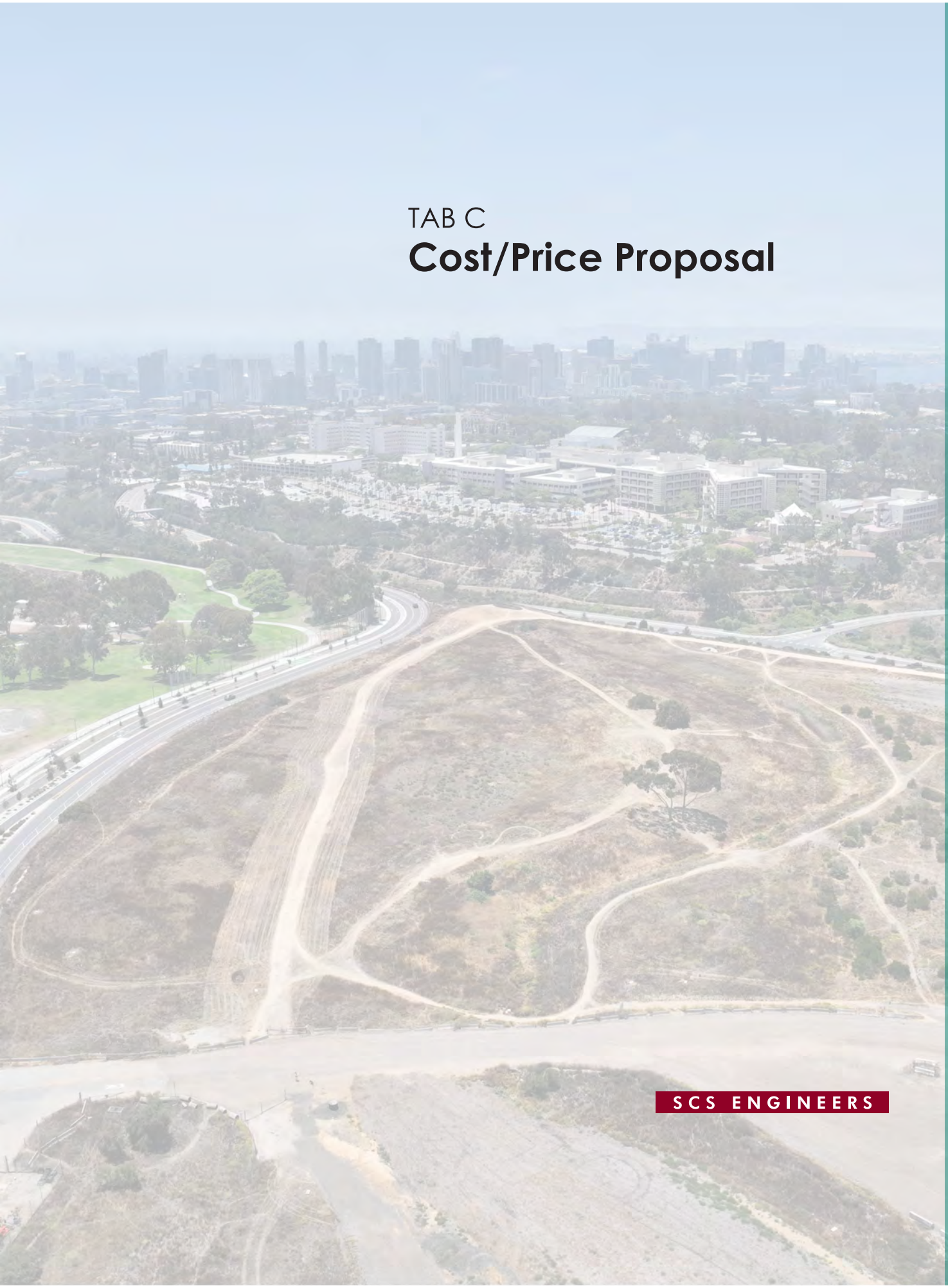
**ESTIMATED* SCHEDULE FOR LANDFILL GAS SYSTEM SUPPORT SERVICES FOR SOUTH CHOLLAS AND ARIZONA STREET LANDFILLS FY2025-2026**

(*This schedule will be updated with true dates based on when the contract is issued)

| Proposal Section & Page Number | Scope of Work Description (Full summaries of each scope item can be found in the corresponding sections and page numbers of the proposal) | Discipline | Key Personnel | | Estimated Labor Hours | Weekly | Monthly | Quarterly | Annual/Biennial | Tri-Annual | Jul-25 | Aug-25 | Sep-25 | Oct-25 | Nov-25 | Dec-25 | Jan-26 | Feb-26 | Mar-26 | Apr-26 | May-26 | Jun-26 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Primary | Secondary | | | | | | | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED | *Estimated* DATE WORK SCHEDULED |
| 2.2.1; Pg 13 | **Blower/Flare Station Weekly Activities:** LFG concentrations monitoring, Flare Stack Temperature Monitoring, Flare Controls Verifications, KOP & Condensate Level Checks, Blower & Air Compressor Inspections, Propane Tank Level Checks | | | | | | | | | | | | | | | | | | | | | |
| | Week 1: South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 1-Jul-25 | 5-Aug-25 | 2-Sep-25 | 1-Oct-25 | 4-Nov-25 | 2-Dec-25 | 6-Jan-26 | 3-Feb-26 | 3-Mar-26 | 1-Apr-26 | 5-May-26 | 2-Jun-26 |
| | Week 1: Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 3-Jul-25 | 7-Aug-25 | 4-Sep-25 | 3-Oct-25 | 6-Nov-25 | 4-Dec-25 | 8-Jan-26 | 5-Feb-26 | 5-Mar-26 | 2-Apr-26 | 7-May-26 | 4-Jun-26 |
| | Week 2: South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 8-Jul-25 | 12-Aug-25 | 9-Sep-25 | 7-Oct-25 | 11-Nov-25 | 9-Dec-25 | 13-Jan-26 | 10-Feb-26 | 10-Mar-26 | 7-Apr-26 | 12-May-26 | 9-Jun-26 |
| | Week 2: Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | x | | | | | 10-Jul-25 | 14-Aug-25 | 11-Sep-25 | 9-Oct-25 | 13-Nov-25 | 11-Dec-25 | 15-Jan-26 | 12-Feb-26 | 12-Mar-26 | 9-Apr-26 | 14-May-26 | 11-Jun-26 |
| | Week 3: South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 15-Jul-25 | 19-Aug-25 | 16-Sep-25 | 14-Oct-25 | 18-Nov-25 | 16-Dec-25 | 20-Jan-26 | 17-Feb-26 | 17-Mar-26 | 14-Apr-26 | 19-May-26 | 16-Jun-26 |
| | Week 3: Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 17-Jul-25 | 21-Aug-25 | 18-Sep-25 | 16-Oct-25 | 20-Nov-25 | 18-Dec-25 | 22-Jan-26 | 19-Feb-26 | 19-Mar-26 | 16-Apr-26 | 21-May-26 | 18-Jun-26 |
| | Week 4: South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 22-Jul-25 | 26-Aug-25 | 23-Sep-25 | 21-Oct-25 | 24-Nov-25 | 22-Dec-25 | 27-Jan-26 | 24-Feb-26 | 24-Mar-26 | 21-Apr-26 | 26-May-26 | 23-Jun-26 |
| | Week 4: Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 24-Jul-25 | 28-Aug-25 | 26-Sep-25 | 23-Oct-25 | 26-Nov-25 | 24-Dec-25 | 29-Jan-26 | 26-Feb-26 | 26-Mar-26 | 23-Apr-26 | 28-May-26 | 25-Jun-26 |
| | Week 5: South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 29-Jul-25 | | | 28-Oct-25 | | 29-Dec-25 | | | | 28-Apr-26 | | 29-Jun-26 |
| | Week 5: Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | 31-Jul-25 | | | 30-Oct-25 | | 31-Dec-25 | | | | 30-Apr-26 | | 30-Jun-26 |
| 2.2.1; Pg 14 | **Blower/Flare Station Monthly Activities** | | | | | | | | | | | | | | | | | | | | | |
| | South Chollas: blower lubrication & air compressor servicing | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | | | | | 1-Jul-25 | 5-Aug-25 | 2-Sep-25 | 1-Oct-25 | 4-Nov-25 | 2-Dec-25 | 6-Jan-26 | 3-Feb-26 | 3-Mar-26 | 1-Apr-26 | 5-May-26 | 2-Jun-26 |
| | Arizona Street: blower lubrication & air compressor servicing | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | | | | | 3-Jul-25 | 7-Aug-25 | 4-Sep-25 | 3-Oct-25 | 6-Nov-25 | 4-Dec-25 | 8-Jan-26 | 5-Feb-26 | 5-Mar-26 | 2-Apr-26 | 7-May-26 | 4-Jun-26 |
| | South Chollas: BFS Sump Inspection | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | | | | | 8-Jul-25 | 12-Aug-25 | 9-Sep-25 | 7-Oct-25 | 11-Nov-25 | 9-Dec-25 | 13-Jan-26 | 10-Feb-26 | 10-Mar-26 | 7-Apr-26 | 12-May-26 | 9-Jun-26 |
| | Arizona Street: BFS Sump Inspection | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | x | | | | 10-Jul-25 | 14-Aug-25 | 11-Sep-25 | 9-Oct-25 | 13-Nov-25 | 11-Dec-25 | 15-Jan-26 | 12-Feb-26 | 12-Mar-26 | 9-Apr-26 | 14-May-26 | 11-Jun-26 |
| | South Chollas: Gauges & Valves Inspections | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | | | | | 15-Jul-25 | 19-Aug-25 | 16-Sep-25 | 14-Oct-25 | 18-Nov-25 | 16-Dec-25 | 20-Jan-26 | 17-Feb-26 | 17-Mar-26 | 14-Apr-26 | 19-May-26 | 16-Jun-26 |
| | Arizona Street: Gauges & Valves Inspections | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | | | | | 17-Jul-25 | 21-Aug-25 | 18-Sep-25 | 16-Oct-25 | 20-Nov-25 | 18-Dec-25 | 22-Jan-26 | 19-Feb-26 | 19-Mar-26 | 16-Apr-26 | 21-May-26 | 18-Jun-26 |
| | South Chollas: Flare Stack Thermal Imaging | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | | | | | 22-Jul-25 | 26-Aug-25 | 23-Sep-25 | 21-Oct-25 | 24-Nov-25 | 22-Dec-25 | 27-Jan-26 | 24-Feb-26 | 24-Mar-26 | 21-Apr-26 | 26-May-26 | 23-Jun-26 |
| | Arizona Street: Flare Stack Thermal Imaging | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | | | | | | 24-Jul-25 | 28-Aug-25 | 26-Sep-25 | 23-Oct-25 | 26-Nov-25 | 24-Dec-25 | 29-Jan-26 | 26-Feb-26 | 26-Mar-26 | 23-Apr-26 | 28-May-26 | 25-Jun-26 |
| 2.2.1; Pg 14 | **Blower/Flare Station Quarterly Activities** | | | | | | | | | | | | | | | | | | | | | |
| | South Chollas: Flare Alarm Testing & Blower Rotation | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈2-3 Hours | | | | | | | 13-Aug-25 | | 6-Oct-25 | | | 12-Jan-26 | | | 13-Apr-26 | | |
| | Arizona Street: Flare Alarm Testing & Blower Rotation | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈2-3 Hours | | | x | | | | 20-Aug-25 | | 13-Oct-25 | | | 19-Jan-26 | | | 20-Apr-26 | | |
| | South Chollas: Flare Refractory Inspection w/360 Camera & Drone | Technician | J.Vivirito | G.Zeidler; A Padilla | ≈1-2 Hours | | | | | | | 13-Aug-25 | | 6-Oct-25 | | | 12-Jan-26 | | | 13-Apr-26 | | |
| | Arizona Street: Flare Refractory Inspection w/360 Camera & Drone | Technician | J.Vivirito | G.Zeidler; A Padilla | ≈1-2 Hours | | | | | | | 20-Aug-25 | | 13-Oct-25 | | | 19-Jan-26 | | | 20-Apr-26 | | |
| 2.2.1; Pg 15 | **Blower/Flare Station Annual/Biennial Activities** | | | | | | | | | | | | | | | | | | | | | |
| | South Chollas: Flow Meter and O2 Sensor Calibrations (w/sub-contractors) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | x | | | | | | | | 7-Jan-26 | | | | | |
| | Arizona Street: Flow Meter and O2 Sensor Calibrations (w/sub-contractors) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈1-2 Hours | | | | | | | | | | | | 7-Jan-26 | | | | | |
| 2.2.1; Pg 15 | **GHG Monitoring** (South Chollas) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | x | | | | | 1-Jul-25 | 5-Aug-25 | 2-Sep-25 | 1-Oct-25 | 4-Nov-25 | 2-Dec-25 | 6-Jan-26 | 3-Feb-26 | 3-Mar-26 | 1-Apr-26 | 5-May-26 | 2-Jun-26 |
| 2.2.1; Pg 15 | **GHG Monitoring** (Arizona Street) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during weekly visit) | x | | | | | 3-Jul-25 | 7-Aug-25 | 4-Sep-25 | 3-Oct-25 | 6-Nov-25 | 4-Dec-25 | 8-Jan-26 | 5-Feb-26 | 5-Mar-26 | 2-Apr-26 | 7-May-26 | 4-Jun-26 |
| 2.2.1; Pg 15 | **Flare Source Testing -** South Chollas (w/sub-contractors; scheduled for 2028) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈3-6 Hours | | | | | x | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2.2.1; Pg 15-16 | **Landfill Gas Extraction Well Monitoring**: South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈24-26 Hours | | x | | | | 7/14-7/17 | 8/11-8/14 | 9/15-9/18 | 10/13-10/16 | 11/10-11/13 | 12/8-12/11 | 1/12-1/15 | 2/9/-2/11 | 3/9-3/12 | 4/13-4/16 | 5/11-5/14 | 6/8-6/11 |
| 2.2.1; Pg 15-16 | **Landfill Gas Extraction Well Monitoring**: Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈15-18 Hours | | x | | | | 7/22-7/24 | 8/18-8/20 | 9/22-9/24 | 10/20-10/22 | 11/17-11/19 | 12/15-12/17 | 1/19-1/21 | 2/16-2/18 | 3/16-3/18 | 4/20-4/22 | 5/18-5/20 | 6/15-6-17 |
| 2.2.1; Pg 16 | **GCCS Monitoring Ports** (South Chollas) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during well monitoring) | | x | | | | 7/14-7/17 | 8/11-8/14 | 9/15-9/18 | 10/13-10/16 | 11/10-11/13 | 12/8-12/11 | 1/12-1/15 | 2/9/-2/11 | 3/9-3/12 | 4/13-4/16 | 5/11-5/14 | 6/8-6/11 |
| 2.2.1; Pg 16 | **GCCS Monitoring Ports** (Arizona Street) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | (conducted during well monitoring) | | x | | | | 7/22-7/24 | 8/18-8/20 | 9/22-9/24 | 10/20-10/22 | 11/17-11/19 | 12/15-12/17 | 1/19-1/21 | 2/16-2/18 | 3/16-3/18 | 4/20-4/22 | 5/18-5/20 | 6/15-6-17 |
| 2.2.1; Pg 16 | **Condensate Sump Pump inspection**: South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈8 Hours | | x | | | | 28-Jul-25 | 15-Aug-25 | 29-Sep-25 | 17-Oct-25 | 14-Nov-25 | 22-Dec-25 | 16-Jan-26 | 13-Feb-26 | 23-Mar-26 | 17-Apr-26 | 15-May-26 | 22-Jun-26 |
| 2.2.1; Pg 16 | **Condensate Sump Pump inspection**: Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈8 Hours | | x | | | | 30-Jul-25 | 28-Aug-25 | 30-Sep-25 | 24-Oct-25 | 21-Nov-25 | 29-Dec-25 | 23-Jan-26 | 20-Feb-26 | 30-Mar-26 | 24-Apr-26 | 22-May-26 | 29-Jun-26 |
| 2.2.1; Pg 16-17 | **Perimeter Gas Migration Probe Monitoring:** South Chollas | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈16 Hours | | | x | | | | 8/25-8/26 | | 10/27-10/28 | | | 1/19-1/20 | | | 4/20-4/21 | | |
| 2.2.1; Pg 16-17 | **Perimeter Gas Migration Probe Monitoring:** Arizona Street | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈2-3 Hours | | | x | | | | 28-Aug-25 | | 20-Oct-25 | | | 26-Jan-25 | | | 24-Apr-25 | | |
| 2.2.1; Pg 17-18 | **South Chollas** Surface Emissions Monitoring AB 32 LMR | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈96 Hours | | | | x | | | | | | | 12/17-12/19 | | | | | | |
| | **South Chollas** Surface Emissions Monitoring Rule 59 | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈8 Hours | | | x | | | | 22-Aug-25 | | | | | | | 13-Mar-26 | | | 12-Jun-26 |
| 2.2.1; Pg 17-18 | **Arizona Street** Surface Emissions Monitoring Rule 59 | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈8 Hours | | | x | | | | 29-Aug-25 | | | | 12-Dec-25 | | | 20-Mar-26 | | | 19-Jun-26 |
| 2.2.1; Pg 18 | **Surface Integrity Inspection** (South Chollas) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈2-3 Hours | | x | | | | 22-Jul-25 | 22-Aug-25 | 23-Sep-25 | 21-Oct-25 | 24-Nov-25 | 17-Dec-25 | 27-Jan-26 | 24-Feb-26 | 13-Mar-26 | 21-Apr-26 | 26-May-26 | 12-Jun-26 |
| 2.2.1; Pg 18 | **Surface Integrity Inspection** (Arizona Street) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈2-3 Hours | | x | | | | 24-Jul-25 | 29-Aug-25 | 26-Sep-25 | 23-Oct-25 | 26-Nov-25 | 12-Dec-25 | 29-Jan-26 | 26-Feb-26 | 20-Mar-26 | 23-Apr-26 | 28-May-26 | 19-Jun-26 |
| 2.2.1; Pg 18 | **Remote Methane Detection** (South Chollas) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈2-3 Hours | | x | | | | 22-Jul-25 | | 23-Sep-25 | 21-Oct-25 | 24-Nov-25 | | 27-Jan-26 | 24-Feb-26 | | 21-Apr-26 | 26-May-26 | |
| 2.2.1; Pg 18 | **Remote Methane Detection** (Arizona Street) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | ≈2-3 Hours | | x | | | | 24-Jul-25 | | 26-Sep-25 | 23-Oct-25 | 26-Nov-25 | | 29-Jan-26 | 26-Feb-26 | | 23-Apr-26 | 28-May-26 | |
| 2.2.1; Pg 18 | **Regulatory Inspections** (South Chollas & Arizona Street) | Project Manager | J.Santos | G.Gutierrez; B.Duffy | ≈3-6 Hours | | | | x | | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| 2.2.1; Pg 18-19 | **OM&M Reports** (South Chollas & Arizona Street) | Project Manager | J.Santos | C. Houser;G.Gutierrez; B.Duffy | ≈3-4 Hours | | x | | | | 10-Jul-25 | 8-Aug-25 | 10-Sep-25 | 10-Oct-25 | 10-Nov-25 | 10-Dec-25 | 9-Jan-26 | 10-Feb-26 | 10-Mar-26 | 10-Apr-26 | 8-May-26 | 10-Jun-26 |
| 2.2.1; Pg 19 | **Annual AB32 LMR Reports** (South Chollas) | Project Manager | G. Stephens | J.Kim | ≈20 Hours | | | | x | | | | | | | | | | 15-Mar-26 | | | |
| 2.2.1; Pg 19 | **Meetings & Data Analysis** (South Chollas & Arizona Street) | Project Manager | J.Santos | G.Gutierrez; B.Duffy | ≈1-3 Hours | | x | | | | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| 2.2.1; Pg 19 | **Unscheduled Flare Shutdown Callouts** (South Chollas & Arizona Street) | Technician | J.Vivirito | A. Gonzalez; J. Espinoza | Cannot be Determined | | | | | | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown | Unknown |

TAB C

# Cost/Price Proposal



SCS ENGINEERS

# TAB C. COST PROPOSAL

SCS's proposed pricing reflects its desire to provide the City with the best-value for every dollar spent. Advances in equipment that SCS utilizes and the methodology that SCS has developed and implemented have reduced landfill monitoring costs to the City significantly. SCS understands that the Agreement period will be for five (5) years. SCS's proposed pricing will remain the same for the entire length of the five (5) year contract. Pricing has been structured utilizing the City's form provided in the RFP. Some tasks in the form are conducted either annually, biennially, or triennially. The extended cost estimate pricing for these tasks show the apportioned amount over the life of the contract. To support the City's request for a fee schedule for Additional Services, and to support our cost estimate, SCS has provided a Fee Schedule for fiscal year 2025/2026.

## Attachment A: Contractor Cost Estimate for South Chollas Landfill

| Task # | Task Description | Annual Quantity | Unit Price | Extended Cost Estimate (Annual) |
|---|---|---|---|---|
| 1 | **South Chollas Landfill - Routine LFG System and Flare Station Maintenance, Monitoring and Reporting (Weekly and Monthly Activities)**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 12 | $ 6,765.00 | $ 81,180.00 |
| 2 | **South Chollas Landfill - Routine Monitoring and Reporting – Quarterly-Surface Emission (Estimate: AB32 - 1 Quarter -- Rule 59 - 3 Quarters)**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1<br>3 | $ 11,535.00<br>$ 1,685.00 | $ 16,590.00 |
| 3 | **South Chollas Landfill - Routine Monitoring and Reporting – Methane Destruction and removal efficiency testing (DRE) (previous source test 2022 – Next required testing 2025, and (assume) 2028)**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1 | $ 15,025.00 | $ 15,025.00 |
| 4 | **South Chollas Landfill - Routine Monitoring and Reporting – Quarterly-Perimeter Gas Migration Well Monitoring**<br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 4 | $ 2,410.00 | $ 9,640.00 |

| | | | | |
|---|---|---|---|---|
| **5** | **South Chollas – Routine Monitoring and Reporting – Calibration of Oxygen Sensor and Flow Meter**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1 | $ 2,285.00 | $ 2,285.00 |
| **6** | **Additional Services: Maintenance, Repairs and Other Support Services (Non- Routine Services).**<br><br>**• As described in Exhibit B Section D. Service Requirements, 2.0 Additional Services** | 500 Hours/Year | $ 160 Per Hour | $ 80,000.00 |
| **7** | **Parts, Material, Specialty services, and Condensate Disposal Allocation (Non-Routine Services).** | Estimate $50,000.00 | Cost + % 5% Markup (Not to exceed 15%) | $ 50,000.00 |
| | | | **Total, Not-to-Exceed, Annual Cost** | **$ 254,720.00** |
| | | | **Total Cost for 5 Years (Total Contract Amount)** | **$ 1,273,600.00** |

## Attachment A: Contractor Cost Estimate for Arizona Street

| Task # | Task Description | Annual Quantity | Unit Price | Extended Cost Estimate (Annual) |
|---|---|---|---|---|
| 1 | **Arizona Street Landfill - Routine LFG System and Flare Station Maintenance, Monitoring and Reporting (Weekly and Monthly Activities)**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 12 | $ 5,025.00 | $ 60,300.00 |
| 2 | **Arizona Street Landfill - Routine Monitoring and Reporting – Quarterly- Surface Emission (Rule 59)**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 4 | $ 1,380.00 | $ 5,520.00 |
| 3 | **Arizona Street Landfill - Routine Monitoring and Reporting – Quarterly Perimeter Gas Migration Well Monitoring**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 4 | $ 680.00 | $ 2,720.00 |
| 4 | **Arizona Street – Routine Monitoring and Reporting – Calibration of Oxygen Sensor and Flow Meter**<br><br>**• As described in Exhibit B Section D. Service Requirements, 1.0 Routine Services** | 1 | $ 1,395.00 | $ 1,395.00 |

| | | | | |
|---|---|---|---|---|
| **5** | **Additional Services: Maintenance, Repairs and Other Support Services (Non- Routine Services).**<br><br>**• As described in Exhibit B Section D. Service Requirements, 2.0 Additional Services** | 500 Hours/Year | $ 160 Per Hour | $ 80,000.00 |
| **6** | **Parts, Material, Specialty services, and Condensate Disposal Allocation (Non-Routine Services).** | Estimate $50,000.00 | Cost + % 5 % Markup (Not to exceed 15%) | $ 50,000.00 |
| | | | **Total, Not-to-Exceed, Annual Cost** | **$ 199,935.00** |
| | | | **Total Cost for 5 Years (Total Contract Amount)** | **$ 999,675.00** |

| | |
|---|---|
| **5 Year Cost Estimate for South Chollas Landfill** | **$ 1,273,600.00** |
| **5 Year Cost Estimate for Arizona Street** | **$ 999,675.00** |
| **5 Year not to exceed total amount for both locations** | **$ 2,273,275.00** |

# OM&M
# FEE SCHEDULE
(Effective July 1, 2025 through June 30, 2026)

| Technical Field Personnel | Rate ($)/Hour |
|---|---|
| Laborer | 96 |
| Field Technician I | 112 |
| Fusion Technician | 270 |
| Equipment Operator | 185 |
| Field Technician II | 122 |
| Controls Technician | 125 |
| Plant Operator/LTP | 128 |
| GIS Technician (RMC) | 129 |
| Associate Developer | 132 |
| Senior Field Technician | 134 |
| Mechanic | 138 |
| OM&M Project Foreman | 144 |
| Support Manager | 147 |
| OM&M Superintendent | 154 |
| Fleet Administrator | 160 |
| Drone Pilot (RMC) | 170 |
| Controls Specialist (RMC) | 193 |
| Senior OM&M Superintendent | 202 |
| Systems Integrator (RMC) | 245 |

| Management/Support Personnel | Rate ($)/Hour |
|---|---|
| Secretarial | 96 |
| Project Administrator | 106 |
| H&S Data Analyst/Support | 108 |
| Associate Professional | 112 |
| Field Data Analyst | 114 |
| RMC Support Technician | 115 |
| Designer/Drafter | 128 |
| Senior Project Administrator | 133 |
| Administrative Coordinator | 133 |
| Senior Field Data Analyst | 138 |
| Field Project Coordinator | 159 |
| Project Professional | 165 |
| Project Estimator (RMC) | 166 |
| Project Coordinator/Accountant | 175 |
| Regional H&S Specialist | 175 |
| eTools Support Manager | 185 |
| Senior H&S Specialist | 212 |

H&S Manager ..... 255
Field Project Manager ..... 255
Regional Quality Advisor ..... 265
Project Manager ..... 265
GIS Developer (RMC) ..... 270
Senior Project Professional ..... 276
Senior Project Manager ..... 292
Quality Manager ..... 318
Regional Manager/Project Director ..... 329
Director of Technology (RMC) ..... 341
RMC Business Manager (RMC) ..... 344
Senior Project Advisor ..... 350
National RMC/eTools Technology Director ..... 373

## General Terms

1. Labor rates are in effect until June 30, 2026. Any work performed after that date is subject to a new Standard Fee Schedule.

2. The above rates include salary, overhead, and profit. Other direct charges, such as subcontractors, construction equipment, materials, air travel, freight, auto rental, permits, fees, taxes, tolls, and other costs incurred for the project, will be billed at cost plus 5 percent. The cost of equipment owned by SCS Field Services will not be subject to administrative markup. Automobile mileage cost is $0.67 per mile and is subject to change per Federal IRS laws. Trucks will be charged at $25.00/hour. (No administrative mark-up will be applied to charges for company-owned vehicles.)

3. Invoices will be prepared monthly for work in progress, unless otherwise agreed. Invoices are due and payable upon receipt. Any invoices not paid within 30 days of receipt are subject to a service charge of 1.5 percent per month on the unpaid balance.

4. Payment of SCS Field Services invoices for services performed will not be contingent upon the client's receipt of payment from other parties. The client agrees to pay legal costs, including attorney's fees, incurred by SCS Field Services in collecting any amounts past due and owing on the client's accounts.

5. Rates for Principals may be negotiated on a project-specific basis. For special situations, such as expert testimony or international assignments, hourly rates will be on an individually negotiated basis.

6. On short-term or one-time assignments, services that require less than eight (8) hours, but more than four (4) hours, will be billed at eight (8) hours. A minimum of four (4) hours will be billed for any service requested which is not conducted in conjunction with an ongoing, long-term project (including call-outs after normal work hours), and will be charged portal-to-portal from SCS Field Services offices.

7. For operation, construction, and/or repair work performed on weekends and/or nights (if work exceeds 8 hours in a day), the above rates will be marked up 50 percent. For work performed

on company-recognized holidays or beyond 12 hours in a day, the above rates will be marked up 100 percent.

8. These rates are based on prevailing wage scales.

9. For long-term on-site project assignments, rates may be discounted on an individually negotiated basis. Long-term on-site personnel are permitted to return home every four (4) weeks. Travel expenses shall be invoiced to the client at cost plus 5 percent.

10. For projects that are not local to an SCS Field Services office, thereby requiring crew mobilizations, lodging costs, and a $65 per person per diem cost will be charged. Lodging and per diem costs will be marked up 5 percent.

11. For projects that require crews to mobilize from a local office and stay in a hotel local to a project site to efficiently perform client-requested work, a $65 per day per person per diem cost will be charged to the project as well as a nightly hotel cost. Hotel costs typically range from $75 to $175 per night. SCS Field Services will make every effort to find the most cost-efficient hotels. In some high-expense locations, hotel rates may be above $175 per night. Hotel and per diem expenses will be marked up 5 percent.

12. Costs for equipment and analysis will be billed in accordance with the rates contained on SCS Field Services Standard Fee Schedule for Equipment and Analysis.

# OM&M
# FEE SCHEDULE FOR EQUIPMENT AND ANALYSIS
(Effective July 1, 2025 through June 30, 2026)

| | Rate ($) |
|---|---|
| GEM 2000 NAV/5000 NAV/Envision Gas Analyzer(s): | |
| • Daily Rate | 248/day |
| • Weekly Rate | 1,234/week |
| • Monthly Rate | 3,705/month |
| Gazoscan Kit | |
| • Daily Rate | 253/day |
| • Weekly Rate | 1,247/week |
| • Monthly Rate | 3,742/month |
| GEM 5000 w/$H_2S$/CO | |
| • Daily Rate | 270/day |
| • Weekly Rate | 1,335/week |
| • Monthly Rate | 4,004/month |
| SEM 500/TVA 2020/TDL 500/ Site FID Emissions Monitor/Irwin Inficon SEM: | |
| • Daily Rate | 270/day |
| • Weekly Rate | 1,335/week |
| • Monthly Rate | 4,004/month |
| SEM Methane Detection Robot Dog System | 900/day |
| Optical Gas Imaging (OGI) Camera | 855/day |
| Drone Methane Detection System | 700/day |
| Drone Photogrammetry/Videography Unit | 400/day |
| FLIR Si2 Acoustic Leak Detector | 250/day |
| Q Rae Gas Analyzer $O_2$/$H_2S$/CO/Combustibles | 66/day |
| Micro Max Gas Analyzer $O_2$/$H_2S$/CO/COI Combustibles | 66/day |
| Magnehelic Pressure Meter | 15/day |
| Digital Readout Thermocouple | 33/day |
| Dewatering Pump (Trash Pump) | 61/day |
| Dräger Detector Tubes/Pump | 28/each |
| MiniRae 2000/3000 PID: | |
| • Daily Rate | 201/day |
| • Weekly Rate | 1,003/week |
| • Monthly Rate | 3,012/month |

**Rate ($)**

RKI Eagle II:

- Daily Rate ..... 201/day
- Weekly Rate ..... 1,003/week
- Monthly Rate ..... 3,012/month

Air Sampling Station:

- Daily Rate ..... 66/day
- Weekly Rate ..... 328/week
- Monthly Rate ..... 1,012/month

Weather Station:

- Daily Rate ..... 66/day
- Weekly Rate ..... 328/week
- Monthly Rate ..... 1,012/month

Pipe Laser:

- Daily Rate ..... 66/day
- Weekly Rate ..... 328/week
- Monthly Rate ..... 1,012/month

PAS 3000 Personal Air Sampling Pump ..... 35/day
Tedlar Bag (1-Liter) ..... 30/each
Sample Flow Controller/Tier II Gauge ..... 57/day
Non-Contaminating Air Sampling Pump ..... 36/day
Interface Probe ..... 66/day

Handheld GPS:

- Daily Rate ..... 35/day
- Weekly Rate ..... 169/week
- Monthly Rate ..... 506/month

Submersible Pump:

- Daily Rate ..... 66/day
- Weekly Rate ..... 328/week
- Monthly Rate ..... 1,012/month

Water Level Indicator:

- Daily Rate ..... 28/day
- Weekly Rate ..... 132/week
- Monthly Rate ..... 411/month

**Rate ($)**

Water Level Meter w/Temperature:

- Daily Rate ..... 61/day
- Weekly Rate ..... 299/week
- Monthly Rate ..... 900/month

100-Foot Temperature Probe:

- Daily Rate ..... 22/day
- Weekly Rate ..... 108/week
- Monthly Rate ..... 319/month

Teflon Well Bailer ..... 35/each
Vacuum Box/Carbon Canister and Blower ..... 201/day
Tool Truck ..... 30/hour

No. 14 P.E. Fusion Machine (1”-4”)

- Daily Rate ..... 145/day
- Weekly Rate ..... 725/week
- Monthly Rate ..... 2,208/month

No. 26 P.E. Fusion Machine (2”-6”):

- Daily Rate ..... 200/day
- Weekly Rate ..... 1,000/week
- Monthly Rate ..... 2,713/month

No. 28 P.E. Fusion Machine (2”-8”)

- Daily Rate ..... 255/day
- Weekly Rate ..... 1,275/week
- Monthly Rate ..... 3,611/month

No. 412 P.E. Fusion Machine (4”-12”):

- Daily Rate ..... 500/day
- Weekly Rate ..... 2,200/week
- Monthly Rate ..... 6,600/month

No. 618 P.E. Fusion Machine (6”-18”):

- Daily Rate ..... 740/day
- Weekly Rate ..... 3,400/week
- Monthly Rate ..... 9,400/month

**Rate ($)**

Trackstar 500 Fusion Machine

- Daily Rate ..... 842/day
- Weekly Rate ..... 4,210/week
- Monthly Rate ..... 9,200/month

Sidewinder Fusion Machine

- Daily Rate ..... 250/day
- Weekly Rate ..... 1,250/week
- Monthly Rate ..... 3,500/month

Electrofusion Processor Machine:

- Daily Rate ..... 245/day
- Weekly Rate ..... 1,225/week
- Monthly Rate ..... 3,430/month

Leister Extrusion Welding Gun ..... 211/day
Leister Extrusion Welding Gun (large) ..... 590/day
Air Compressor ..... 81/day
Arc Welder ..... 99/day
Generator (3,500-Watt) ..... 81/day
Generator (5,000-Watt) ..... 99/day
Generator (6,000-Watt) ..... 107/day
Generator (8,000-Watt) ..... 112/day

Isolation Pinch-off Tool (1”-4”):

- Daily Rate ..... 53/day
- Weekly Rate ..... 268/week
- Monthly Rate ..... 805/month

Isolation Pinch-off Tool (2”-6”):

- Daily Rate ..... 190/day
- Weekly Rate ..... 760/week
- Monthly Rate ..... 2,280/month

Isolation Pinch-off Tool (2”-8”):

- Daily Rate ..... 200/day
- Weekly Rate ..... 800/week
- Monthly Rate ..... 2,400/month

Isolation Pinch-off Tool (6”-8”):

- Daily Rate ..... 500/day
- Weekly Rate ..... 2,000/week
- Monthly Rate ..... 6,000/month

**Rate ($)**

Isolation Pinch-off Tool (8”-12”):

- Daily Rate ..... 1,500/day
- Weekly Rate ..... 6,000/week
- Monthly Rate ..... 18,000/month

4-Wheeler with 44” Mow Deck:

- Daily Rate ..... 134/day
- Weekly Rate ..... 669/week
- Monthly Rate ..... 2,002/month

Riding Mower:

- Daily Rate ..... 235/day
- Weekly Rate ..... 1,173/week
- Monthly Rate ..... 3,518/month

Chain Saw:

- Daily Rate ..... 17/day
- Weekly Rate ..... 77/week
- Monthly Rate ..... 224/month

Horiba Water Quality Meter:

- Daily Rate ..... 66/day
- Weekly Rate ..... 328/week
- Monthly Rate ..... 1,012/month

Hydrogen Sulfide Meter:

- Daily Rate ..... 254/day
- Weekly Rate ..... 1,269/week
- Monthly Rate ..... 3,817/month

Infrared Thermometer:

- Daily Rate ..... 17/day
- Weekly Rate ..... 77/week
- Monthly Rate ..... 224/month

Micropurge Flow Cell (Groundwater):

- Daily Rate ..... 134/day
- Weekly Rate ..... 669/week
- Monthly Rate ..... 2,002/month

**Rate ($)**

Oiless Compressor and Control Box (Groundwater):

- Daily Rate ..... 99/day
- Weekly Rate ..... 499/week
- Monthly Rate ..... 1,497/month

Earth/Resistance Tester:

- Daily Rate ..... 134/day
- Weekly Rate ..... 669/week
- Monthly Rate ..... 2,002/month

Pitot Tube and Gauges:

- Daily Rate ..... 17/day
- Weekly Rate ..... 53/week
- Monthly Rate ..... 224/month

Pressure Washer:

- Daily Rate ..... 66/day
- Weekly Rate ..... 328/week
- Monthly Rate ..... 1,010/month

Turbidity Meter/Conductivity Meter:

- Daily Rate ..... 35/day
- Weekly Rate ..... 169/week
- Monthly Rate ..... 506/month

Vacuum Air Pump:

- Daily Rate ..... 134/day
- Weekly Rate ..... 669/week
- Monthly Rate ..... 2,002/month

Downhole Video Camera System ..... 270/day

Weed Trimmer:

- Daily Rate ..... 35/day
- Weekly Rate ..... 169/week
- Monthly Rate ..... 506/month

**Rate ($)**

Safety Equipment:

- Tyvek Suit (each) ..... 20/each
- Polyethylene suit (each) ..... 25/each
- PVC Gloves (per pair) ..... 20/each
- Rubber booties (per pair) ..... 20/each
- Organic Vapor Cartridges (per pair) ..... 25/each
- Organic Vapor/Acid Cartridges (per pair) ..... 32/each
- Cartridges pre-filters (per pair) ..... 20/each
- Half face respirator (each) ..... 28/day
- Full face respirator (each) ..... 35/day
- Ventilator/manhole blowers ..... 35/day
- Parachute harness ..... 17/day
- Tripod:
  - Daily Rate ..... 99/day
  - Weekly Rate ..... 490/week
  - Monthly Rate ..... 1,496/month
- SCBA ..... 270/day
- Supplied Air Trailer ..... 500/day
  - Weekly Rate ..... 2000/week
  - Monthly Rate ..... 8000/month

**General Terms**

1. Rates are in effect until June 30, 2026. Any work performed after that date will be subject to a new Schedule of Fees.

2. Equipment usage rates are exclusive of freight charges to and from the project site. Freight is an additional expense chargeable to the client.

3. Shipping, supplies, equipment rental, materials, vehicle mileage, and other non-labor equipment costs or direct costs are billed at cost plus 5 percent.

4. Equipment rented will be charged portal-to-portal from SCS Field Services offices. Renter is responsible for return charges.

5. The cost of equipment owned by SCS Field Services will not be subject to administrative mark-up.

6. Availability of equipment owned by SCS Field Services may vary.



**SCS ENGINEERS**

8799 Balboa Avenue, Suite 290
San Diego, CA 92123
858-571-5500

# Landfill Gas Systems Support Services

Solicitation No. 10090245-25-R







## Part 2 - Resumes, Certifications

**OP070084.25 | July 8, 2025**

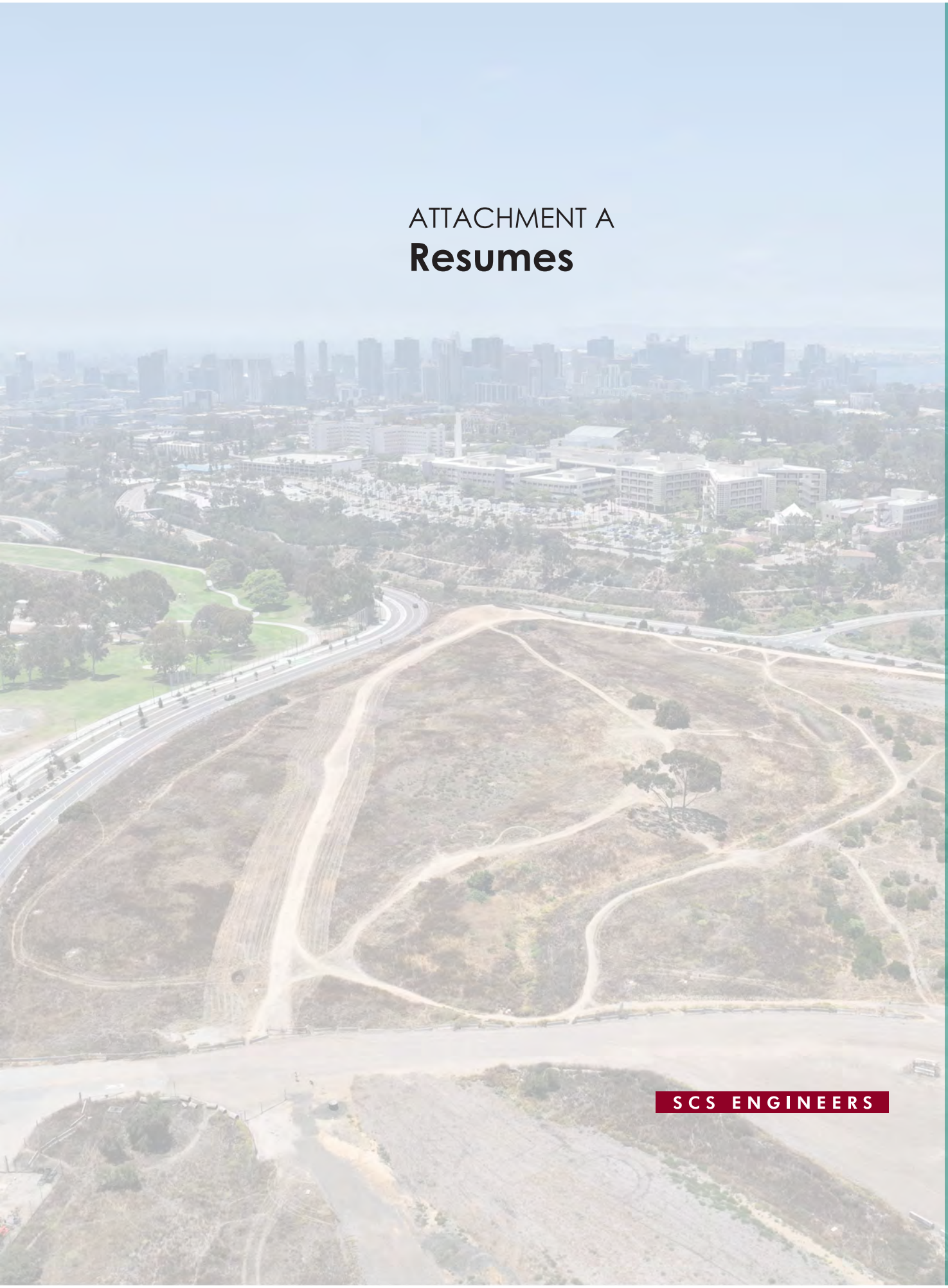
Submitted to:
City of San Diego
Purchasing & Contracting Department
1200 Third Avenue, Suite 200
San Diego, CA 92101
619-236-5923


SCS ENGINEERS

8799 Balboa Avenue, Suite 290
San Diego, CA 92123
858-571-5500

ATTACHMENT A

# Resumes



SCS ENGINEERS

# GALEN S. PETOYAN


*Galen S. Petoyan*

## Education

MS – Environmental Engineering, University of Southern California, 1980
BS – Biological Sciences, University of Southern California, 1977
Executive Management/Business Administration, University of Southern California

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.147
Certified Competent Person Awareness for Trench/Excavation Safety, OSHA CFR 1926
Client Centered Proposal Workshop
Mastering Client Focus
Registered Environmental Assessor (REA-02472)
Registered Environmental Professional (REP 2938)
Responsible Managing Officer (RMO) for Engineering Contractors
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Affiliations

American Society of Civil Engineers (ASCE)

## Professional Experience

As Senior Vice President and Business Unit Director, Galen directs SCS's nationwide Operations, Maintenance, and Monitoring (OM&M) practice and has over 45 years of technical and management experience in environmental engineering, including design, construction and operation of regulatory compliance systems and energy recovery facilities. The OM&M Business Unit currently consists of 12 regions and 2 technology service lines that are staffed by 450 field, management and administrative staff.

His experience has primarily involved landfill gas (LFG) control and recovery; landfill fire containment, control and emergency response; surface emissions monitoring and control; odor detection and management; leachate collection, treatment and disposal; elevated temperature landfill (ETLF) reaction management and control; volatile organic compound (VOC) vapor extraction and disposal; groundwater pump and treatment; landfill post-closure monitoring, maintenance and reporting; data management, validation and reporting; remote telemetry; compliance auditing; and health and safety program deployment and implementation. Galen is also responsible for implementation of the firm's technical review, quality assurance, health and safety, and compliance audit programs. Other remediation experience includes underground storage tank (UST) removal, dig and haul, and bioremediation cleanup of contaminated soil.

### Project Involvement

Galen has been responsible for directing field teams on landfill site investigations requiring inspections, testing, data collection and evaluation. He has managed tasks that involved assessment of development plans to determine compliance of sanitary landfills with applicable federal, state and local regulations.

He has also managed and provided technical support on LFG field pump test programs at numerous landfill sites. These sites, both active and closed, were located throughout the United States. Services included design and installation of test facilities (including wells, probes, headers, condensate collection/disposal and blower test rig), collection of baseline and dynamic pump test data, analysis of test results and development of conceptual collection system design and construction cost estimates. He subsequently participated in the design, design review, construction review, startup, initial balancing and routine operations, maintenance and monitoring in various capacities at these sites.

Galen has directed or provided oversight on approximately 1,000 construction projects and currently over 500 active OM&M projects. These projects are located across the United States and are staffed and managed from local operation centers.

### Technology Services

Galen leads development of SCSeTools, which includes SCS DataServices®, the firm's secure web-based data management application as well as SCS's Remote Monitoring and Control (RMC), which provides telemetric data acquisition and management. RMC is a hardware/software solution for remote data collection, review, reporting and system operation.

The SCS DataServices® application supports the firm's internal Compliance Audit Program, which was developed specifically to validate data and verify regulatory compliance of environmental control facilities operated by SCS. The Compliance Audit Program reviews data acquisition procedures, instrument calibration, data permit compliance, regulatory-required follow-up testing and remediation, testing schedules and reporting.

## Awards and Industry Recognition

Galen has participated in and/or directed projects that have received industry recognition, including the following:

- The startup and operation of the Industry Hills Civic–Recreation–Convention Complex LFG-to-energy (LFGTE) and migration control facilities. This Complex received the "Outstanding Civil Engineering Achievement" Award in 1981 from the American Society of Civil Engineers.
- In 1997, three projects won recognition from the Solid Waste Association of North America (SWANA) National LFG Awards Program: The City of Industry, CA, won a Gold Award for innovations in LFG utilization; the Southeast Public Services Authority (SPSA) won a Bronze Award for LFG utilization; and Fairfax County, VA, won a Silver Award for LFG control.
- From 1998 to 2002, SWANA recognized Galen on various projects involving landfills located around California.

# BRIAN P. DUFFY


*Brian P. Duffy*

## Education

AA – Philosophy, Imperial Valley College, 2007
AA – Social Sciences, Imperial Valley College, 2007

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.147
American Red Cross Standard First Aid and CPR
Certified Manager of Landfill Operations
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
ISCO Industries Fusion Training Course, ASTM F 2620, ASTM F 1290-98
Landfill Design Training, Landtec
Leadership Training, DiSC
Mastering Client Focus
OM&M Supervisor Training: Establishing a Culture of Safety
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Affiliations

Solid Waste Association of North America

## Professional Experience

As a Vice President and Regional OM&M Manager, Brian has over 16 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. His LFG experience includes the operation, maintenance and monitoring of LFG and LFG-to-Energy (LFGE) systems, and non-routine repair and emergency call-out response of the LFG collection systems at various landfills in southern California, southern Nevada and Arizona. His responsibilities include environmental compliance with local, state and federal regulations; project coordination/scheduling; supervision of field staff; safety plan preparation; field data analysis; compliance reporting; reporting field conditions and recommending solutions to clients; proposals and budget preparation; cost control; invoicing; and contract administration.

Brian has conducted various odor source and mitigation studies for the City of San Diego and managed blower/flare station replacement/construction, flare source testing, well installations, and LFG collection systems upgrades projects. He has experience in managing AB32 LMR and NSPS 40 CFR 60.767(I) Tier 4 surface emissions monitoring.

Other notable experience includes expanded monitoring, sampling and laboratory data analysis for landfills with exothermic reactions. Brian has managed projects to track hydrogen gas generation and target heat extraction. He also has experience in liquids recovery and has managed environmental compliance monitoring and LFG recovery projects. Notable projects that Brian has been involved in are described below.

## Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Project Director for services including operations, maintenance and monitoring, including flare design and permitting, repair services and extraction well services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including LFG system support services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including quarterly monitoring services, flare testing and surface emissions monitoring.

**City of San Diego, Various Sites, CA.** Project Manager for services including greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Project Manager for services including flare calibration.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring.

**County of San Diego, Bell Jr. High Landfill, San Diego, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including flare repair and replacement, vault repair and piping replacement services.

**County of San Diego, Bonsall Landfill, Ramona, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including piping replacement services, blower repair and O2 investigation.

**County of San Diego, Bradley Park Landfill, Ramona, CA.** Project Manager for services including probe sampling.

**County of San Diego, Encinitas Landfill, Encinitas, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including sump pump replacement, probe vault services, soil samples and well extensions.

**County of San Diego, Gillespie Landfill, El Cajon, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including heat damage repair, soil and gas system repairs, and flare replacement.

**County of San Diego, Jamacha Landfill, San Diego, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including flow meter repair, GCCS improvements, source testing and flare services.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring, extraction well installation, sump repair, well raising, flare services, GCCS improvements, air

compressor services, methane detector replacement, well vault replacement, high heat response, H2S sampling, air quality monitoring and gas sampling.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including condensate management, Title V permitting services, GCCS design services, probe liquid removal, injection system services, header services, refractory replacement and flare repair.

**Mohave County, Mohave Valley Landfill, Fort Mohave, AZ.** Project Manager for services including operations, maintenance and monitoring, including flare maintenance, surface emissions monitoring and GCCS design and permitting services.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including refractory services, flare replacement, camera well inspection, header repair, lateral services, blower services and sump repair.

**Republic Services, Apache Junction Landfill, Apache Junction, AZ.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including air quality services and well raising.

**Republic Services, Apex Regional Landfill, Las Vegas, NV.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including leachate services, trench installation, LFG collection system services, pipe repair, sump services, liquids recovery, hydrogen gas generation services and heat extraction services.

**Republic Services, Borrego Springs Landfill, Borrego Springs, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring.

**Republic Services, Cactus Landfill, Florence, AZ.** Project Manager for services including routine operations, maintenance and monitoring, including blower startup services and soil sampling.

**Republic Services, Copper Mountain Landfill, Welton, AZ.** Air quality services.

**Republic Services, Imperial Landfill, Imperial, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including compliance services, well raising, surface emissions monitoring, construction services and collection system repairs.

**Republic Services, Lake Havasu Landfill, Lake Havasu City, AZ.** Project Manager for service including probe monitoring.

**Republic Services, La Paz County Landfill, Parker, AZ.** Project Manager for services including probe monitoring.

**Republic Services, Laughlin Landfill, Laughlin, NV.** Project Manager for services including ambient monitoring.

**Republic Services, Otay Landfill, Chula Vista, CA.** Project Director for services including routine and non-routine operations, maintenance and monitoring, including compliance services, surface emissions monitoring, well video inspection, liquids management, pump services, well raising, construction services, stormwater services and collection system repairs.

**Republic Services, Ramona Landfill, Ramona, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including compliance services, surface emissions monitoring, construction services and collection system repairs.

**Republic Services, Southwest Regional Landfill, Buckeye, AZ.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including enhanced monitoring, flare services, pipe replacement, well repair, water line repair, hydrogen gas generation services and heat extraction services.

**Republic Services, Sunrise Landfill, Las Vegas, NV.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including wellhead replacement and flare permitting and design services.

**Republic Services, Sycamore Landfill, Santee, CA.** Project Director for services including routine and non-routine operations, maintenance and monitoring, including compliance services, well video inspection, LFG services, liquids management, well raising, pipe repair, leachate pump services, source testing, Lorentz pump installation, construction services and collection system repairs.

## Remote Monitoring and Control Services

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Remote monitoring and control services.

**Republic Services, Apache Junction Landfill, Apache Junction, AZ.** Remote monitoring and control services.

**Republic Services, Southwest Regional Landfill, Buckeye, AZ.** Remote monitoring and control services.

**Republic Services, Sycamore Landfill, Santee, CA.** Remote monitoring and control services.

# JOSEPH (JOE) SANTOS



*Joseph (Joe) Santos*

## Education

BS – Business Administration, University of Phoenix, San Diego, 2014

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.147
American Red Cross Standard First Aid and CPR
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
Dangerous Goods Shipping
Drilling Atop Lined Landfills
Landfill Design Training, Landtec
Leadership Training, DiSC
OM&M Supervisor Training: Establishing a Culture of Safety
QED Certified for Advanced Auto Pump Operations and Maintenance
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Affiliations

Solid Waste Association of North America

## Professional Experience

As a Senior Project Manager, Joe has 11 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided LFG well monitoring, blower/flare station data collection and adjustment/maintenance, perimeter probe monitoring, surface emissions monitoring, gas collection and control system (GCCS) services, environmental compliance services, data analytics, flare source testing, well installations, LFG system upgrades, liquids management and construction quality assurance (CQA) services. Joe has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has worked on LFG collection systems such as landfill gas to energy (LFGE) systems.

Joe manages operations, maintenance and monitoring of LFG and LFGE systems at multiple active and post-closure landfills in the San Diego area and other regions in Southern California. These services include on-site inspections, operation and maintenance of blower equipment; monitoring and adjustment of gas wells to maintain optimum extraction and compliance; and monitoring of perimeter probes to check for gas migration in accordance with state and federal laws and regulations. He routinely analyzes and evaluates data to confirm quality assurance standards, evaluates recovery process plant and collection system readings and performs troubleshooting of plant and system processes and equipment. He also manages surface emissions monitoring according to NSPS and AB 32 requirements and surface emissions monitoring of LFG and LFGE systems at multiple active sites and post-closure sites in San Diego and Imperial counties.

Joe is also involved in the management of operations, maintenance and analysis of equipment used for liquids management. He has worked with various vendors in the design, development and implementation of landfill liquids technology. He has performed routine preventative maintenance and lubrication services; maintains plant records, readings, reports and inventories; participates in plant startups, shutdowns and maintenance overhauls; and performs on-call services for plant/flare failures 24 hours a day, 7 days a week.

He is proficient at technical writing and has created training material and technical manuals used at multiple client sites. He also prepares, writes and submits compliance reports for multiple clients. He also provides remote assistance and prepares technical documentation for Alaska based clients. He has also participated in the development process with QED Environmental on the development of a new generation of landfill gas analyzers.

Other duties include project coordination/scheduling, supervision of field staff, safety plan preparation, site cover inspections, confined space entry coordination, client recommendations, proposals, budget tracking/preparation, cost control, materials management/ordering, invoicing, and contract administration. Notable projects that Joe has been involved in are described below.

## Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Project Manager for services including non-routine operations, maintenance and monitoring, including flare design and permitting services, extraction well services, drilling services, repair services and condensate collection and disposal services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** Project Manager for services including LFG system support services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** Routine services, including quarterly monitoring.

**City of San Diego, Various Sites, CA.** Project Manager for services including greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring.

**Municipality of Anchorage, Anchorage Regional, International Airport Road, Merrill field and Peters Creek Landfills, AK.** LFG monitoring.

**Republic Services, Imperial Landfill, Imperial, CA.** Non-routine operations, maintenance and monitoring.

**Republic Services, Otay Landfill, Chula Vista, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring, GCCS services, CQA services, well video inspection, probe services, blower/flare services, liquids management, vertical well pumping services, compliance services, construction services, repair services, stormwater services, well raising, compost facility piping services, collection system repairs, dewatering system design services, air compressor station design and installation and electrical service upgrades.

**Republic Services, Ramona Landfill, Ramona, CA.** Non-routine operations, maintenance and monitoring, including collection system repairs and consulting services.

**Republic Services, Sycamore Landfill, Santee, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including GCCS services, compliance services, collection system repairs, refractory replacement and CQA services.

# SANDRA (SANDY) D. RIPPLINGER CSP, CIH



*Sandra (Sandy) D. Ripplinger*

## Education

BS – Occupational and Environmental Health and Safety, Brigham Young University, 1987

## Professional Licenses

Licensed Asbestos Abatement Consultant, State of Nevada, Department of Business and Industry Occupational Safety and Health Administration (No. IJPM 0025) (1988, Inspector, Management Planner, Project Designer, and Project Monitor)

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
American Board of Industrial Hygiene (ABIH) Certification in the Comprehensive Practice of Industrial Hygiene (No 7697)
Board of Certified Safety Professional (BCSP) Certification in the Comprehensive Practice of Safety Engineering (No. 22645)
EPA Accredited Building Inspector, Management Planner, Project Designer, and Contractor/Supervisor under Model Accreditation Plan of the Asbestos Hazard Emergency Response Act (AHERA)
EPA Accredited Lead Based Paint Inspector and Risk Assessor (No. NV-R-403-3)
OHSAS 18001 Lead Auditor (No. E4670)
ISO 14001:2015 Lead Auditor (No. E4885)
Radiation Safety Officer
Visible Emissions Evaluation (Federal Reference Method 9)
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Affiliations

American Industrial Hygiene Association (AIHA)
AIHA Nevada Local Section Indoor Air Quality Association: President, President-Elect, and Director

## Professional Experience

As a Health & Safety Director, Sandy is a Board-Certified Industrial Hygienist (CIH) and Safety Professional (CSP) with 37 years of experience, providing occupational and environmental health and safety services. Her experience includes providing industrial hygiene expertise for facility health and safety audits, process safety management audits, training, environmental evaluations involving mold, indoor air quality, asbestos, lead-based paint, lead worker exposure, OSHA worker exposure, ionizing and non-ionizing radiation surveys and exposure issues, and hazardous waste drum sampling for unknowns. Her industrial hygiene and environmental consulting experience includes designing and overseeing remediation projects involving mold, asbestos, hazardous waste (metals and solvents), hazardous materials, polychlorinated biphenyls (PCBs), mercury, and other Resource Conservation and Recovery Act (RCRA) heavy metals; conducting both area and personal industrial hygiene sampling for metals, solvents, vapors, diesel exhaust constituents, mold, asbestos, and

lead; conducting environmental sampling of soil, air, and water; and providing expert witness testimony.

Sandy has worked with regulators at local, state, and federal levels, and she has performed hundreds of comprehensive industrial hygiene shop surveys, indoor air quality assessments, ionizing radiation, non-ionizing radiation, noise exposure studies, chemical exposure assessments, and workers' compensation and environmental investigations. She has supported many government agencies, large commercial companies (mining, construction, gaming), and residential development companies across the state of Nevada, and other states. Notable projects that Sandy has been involved in are described below.

## Project Experience

**Circus-Circus, Las Vegas, NV.** Certified Industrial Hygienist/Certified Safety Professional for services including industrial hygiene, safety, and environmental health services, including indoor air quality, asbestos, lead-based paint, lead worker exposure, hazardous building materials assessments, ergonomics, noise assessments, and training.

**City of Henderson, Various Sites, Henderson, NV.** Certified Industrial Hygienist/Certified Safety Professional for services including industrial hygiene, safety, and environmental health services, including indoor air quality, asbestos, lead-based paint, mold, lead worker exposure, hazardous building materials assessments, ergonomics, and noise assessments.

**Clark County, Clark County Detention Center, Las Vegas, NV.** Managed and conducted lead-based paint and asbestos assessments of the 12-story, approximately 475,000-square-foot facility. Developed and implemented operations/maintenance programs throughout the facility, and conducted environmental surface and air monitoring within the facility. Mold assessments and detention center accreditation monitoring activities, including general indoor air quality monitoring, lighting, noise, and ventilation assessments for inmate areas (individual cells, holding cells, day rooms, multi-purpose rooms, dormitory areas, common areas, and restrooms). Assessments include visual inspection of the heating, ventilation, and air conditioning (HVAC) system, data gathering, and comparison to applicable standards, ventilation calculations, and as-needed recommendations.

**Clark County, Regional Justice Center, Las Vegas, NV.** Managed and conducted several indoor air quality and microbial assessments. Indoor air quality assessments include collecting data for carbon dioxide, carbon monoxide, temperature, relative humidity, and particulates. Visual inspection of various HVAC components and review of maintenance schedules are included as part of the assessments. Asbestos and microbial assessments include visual assessment, data collection (air and/or surface samples, as needed), building envelope assessment, remediation recommendations, contractor oversight, clearance assessments, and all data and information are provided in a final written report.

**Clark County, Spring Mountain Youth Camp, Angel Peak, NV.** Principal Certified Industrial Hygienist/Certified Safety Professional for services including indoor air quality and mold assessments of dormitories and offices. Duties included performing visual reconnaissance to evaluate indoor air quality issues, asbestos and mold assessments, collecting direct reading data and air and/or bulk-surface asbestos and microbial samples and submitting each to a certified laboratory for analysis, and preparing a comprehensive report summarizing field activities, laboratory tests results, and conclusions and recommendations.

**Clark County, Various Sites, Las Vegas, NV.** Principal Certified Industrial Hygienist/Certified Safety Professional for services including industrial hygiene, safety, and environmental health services.

Duties included managing and performing assessments for an on-call contract for services including environmental evaluations involving mold assessments, remediation protocols, remediation oversight and monitoring, indoor air quality, asbestos, lead-based paint, lead worker exposure, hazardous building materials assessments, ergonomics, noise, training, OSHA complaint investigations, OSHA worker exposure and OSHA worker compensation investigations.

**College of Southern Nevada, Las Vegas, NV.** Certified Industrial Hygienist/Certified Safety Professional for services including industrial hygiene, safety, and environmental health services, including indoor air quality, asbestos, lead-based paint, lead worker exposure, mold, hazardous building materials assessments, ergonomics, and noise assessments.

**Los Angeles Department of Recreation and Parks, Los Angeles, CA.** Conducted microbial assessment, and lead-based paint and asbestos surveys within an abandoned downtown facility slated for demolition. The project included collecting X-ray Fluorescence (XRF) samples for painted surfaces, collecting bulk surface microbial and bulk asbestos samples and submitting them to an accredited laboratory for analysis. Data was evaluated and interpreted, and recommendations were provided in a site assessment and demolition report.

**Nevada Test and Training Range (NTTR)/Nevada Test Site (NTS), NV.** Certified Industrial Hygienist/Certified Safety Professional for services including industrial hygiene, safety, and environmental health services to various organizations at the NTTR, NTS, and associated ranges in Nevada. Duties included OSHA 300 log maintenance and reporting, accident/injury investigations, soil and water contamination assessments, sample collection, and remediation recommendations. Duties also included managing and performing assessments for ionizing and non-ionizing radiation, indoor air quality, asbestos, lead-based paint, lead worker exposure, hazardous building materials assessments, ergonomics, noise, training, OSHA worker exposure monitoring, and OSHA worker compensation investigations.

**Southern Nevada Health District, Las Vegas, NV.** Certified Industrial Hygienist/Certified Safety Professional for services including industrial hygiene, safety, and environmental health services, including indoor air quality, asbestos, lead-based paint, lead worker exposure, hazardous building materials assessments, and ergonomics assessments.

**Southern Nevada Regional Housing Authority, Las Vegas, NV.** Principal Certified Industrial Hygienist/Certified Safety Professional for services including indoor air quality, asbestos and mold assessments and monitoring for over 2,000 homes and facilities. Assessments include sample collection, data gathering, and submittal to certified laboratories. Remediation/abatement recommendations, contractor oversight, clearance assessments, and all data and information are provided in a final written report.

**U.S. Army Corps of Engineers (USACE), Sacramento, CA.** Conducts Hazardous Waste Operations and Emergency Response (HAZWOPER) refresher training on a quarterly basis. SCS has a 5-year contract to update and provide ongoing training for engineers with HAZWOPER certifications.

**U.S. Bureau of Reclamation, Hoover Dam, Boulder City, NV.** Conducted noise assessments, including sound level surveys and noise dosimetry for personnel working within the facility, and provided associated recommendations and details for a hearing conservation program. Conducted lead-based paint assessments of the turbines and overflow channels. The project included development of lead-based paint abatement plans, sample collection to monitor employees and general areas for airborne lead during remediation activities, and providing clearance sampling upon completion of abatement activities. All project tasks were documented and summarized in a detailed project report.

# JACOB M. VIVIRITO



*Jacob M. Vivirito*

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
Forklift and Operator Hands on Operation Certificate
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Senior Field Technician, Jacob has 5 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services and LFG well monitoring, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, surface emissions monitoring and greenhouse gas regulation services. Jacob has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on extraction pumps and pneumatic condensate sump pumps. He is capable of troubleshooting complex problems associated with LFG collection, flaring and detection systems. Notable projects that Jacob has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine operations, maintenance and monitoring, including blower and flare services, extraction well services and repair services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring.

**County of San Diego, Bonsall Landfill, Ramona, CA.** O2 investigation and blower services.

**County of San Diego, Encinitas Landfill, Encinitas, CA.** Piping services and well extensions.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Wellhead replacement.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Well installation, vacuum investigation, monitoring services and vault raising.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Refractory replacement.

**County of San Diego, Various Sites, CA.** Surface emissions monitoring.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Newby Island Landfill, Milpitas, CA.** Routine operations, maintenance and monitoring, including surface emissions monitoring.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including GCCS removal and replacement, well raising, liquids management and compliance services.

**Republic Services, Ramona Landfill, Ramona, CA.** Routine and non-routine operations, maintenance and monitoring.

**Republic Services, Sonoma Landfill, Petaluma, CA.** Routine operations, maintenance and monitoring, including surface emissions monitoring.

**Republic Services, Sunshine Canyon Landfill, Sylmar, CA.** Routine and non-routine operations, maintenance and monitoring.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including well raising, well video inspection, liquids management and collection system repairs.

**Waste Management, Antelope Valley Landfill, Palmdale, CA.** Vertical well installation.

# JORGE (GEORGE) J. GUTIERREZ



*Jorge (George) J. Gutierrez*

## Education

AA – Theology and Psychology, Christian Life College, 1993

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.147
American Red Cross Standard First Aid and CPR
Certified Manager of Landfill Operations
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
OM&M Supervisor Training: Establishing a Culture of Safety
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Field Project Manager, George has 19 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided LFG well monitoring, blower/flare station data collection and adjustment/maintenance, perimeter probe monitoring, surface emissions monitoring, gas collection and control system (GCCS) services, environmental compliance, data analytics, LFG-to-energy (LFGE) coordination, blower station replacement/construction, flare source testing, well installations, LFG system upgrades and liquids management. George has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has worked on LFG collection systems such as landfill gas to energy systems.

He routinely evaluates data to confirm quality assurance standards, evaluates recovery process plant and collection system readings, performs troubleshooting of plant and system processes and equipment, and is responsible for the preparation and submittal of monthly NSPS monitoring reports for numerous sites. He has performed routine preventative maintenance and lubrication services; maintains plant records, readings, reports and inventories; participates in plant startups, shutdowns and maintenance overhauls; and performs on-call services for plant/flare failures 24 hours a day, 7 days a week. George also manages surface emission monitoring according to NSPS and AB 32 requirements, and surface emissions monitoring of LFG and LFGE systems at multiple active sites and post-closure sites in San Diego County.

His duties also include project coordination/scheduling, compliance report preparation, supervision of field staff, safety plan preparation, site cover inspections, confined space entry coordination, client recommendations, proposals, budget tracking/preparation, cost control, materials management/ordering, invoicing and contract administration. Notable projects that George has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Operations, maintenance and monitoring, including repair services and extraction well services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** Routine operations, maintenance and monitoring, including LFG system support services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** Non-routine repairs.

**City of San Diego, Various Sites, CA.** Emergency drilling services.

**City of San Diego, Various Sites, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring, including flare calibration.

**County of San Diego, Bell Jr. High Landfill, San Diego, CA.** Flare repair.

**County of San Diego, Bonsall Landfill, Ramona, CA.** O2 investigation and blower repair.

**County of San Diego, Bradley Park Landfill, Ramona, CA.** Probe sampling.

**County of San Diego, Encinitas Landfill, Encinitas, CA.** Piping services and well extensions.

**County of San Diego, Gillespie Landfill, El Cajon, CA.** Flare replacement.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Wellhead replacement.

**County of San Diego, Jamacha Landfill, San Diego, CA.** Source testing and flare repair, replacement and testing.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** GCCS improvements, sump repair, flare services, air quality monitoring, high heat response services, blower services, well installation and well raising.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Condensate injection system services, condensate transfer services, liquid level services, refractory replacement and monitoring services.

**County of San Diego, Various Sites, CA.** Surface emissions monitoring.

**Municipality of Anchorage, Anchorage Regional, International Airport Road, Merrill Field Airport and Peters Creek Landfills, AK.** Project Manager for services including operations, maintenance and monitoring, including LFG monitoring.

**Municipality of Anchorage, Anchorage Regional Landfill, Eagle River, AK.** LFG well replacement, LFG monitoring and reporting and drilling and construction services.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine and non-routine operations, maintenance and monitoring, including refractory services and header repair.

**Republic Services, Apache Junction Landfill, Apache Junction, AZ.** Routine operations, maintenance and monitoring.

**Republic Services, Apex Regional Landfill, Las Vegas, NV.** Routine operations, maintenance and monitoring.

**Republic Services, Borrego Springs Landfill, Borrego Springs, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Imperial Landfill, Imperial, CA.** Client Manager for routine and non-routine operations, maintenance and monitoring, including compliance services and collection system repairs.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including GCCS expansion services, well video inspection, liquids management, vertical well services and compliance services.

**Republic Services, Ramona Landfill, Ramona, CA.** Routine and non-routine operations, maintenance and monitoring, including compliance services and collection system repairs.

**Republic Services, Southwest Regional Landfill, Buckeye, AZ.** Routine operations, maintenance and monitoring.

**Republic Services, Sycamore Landfill, Santee, CA.** Client Manager for services including routine and non-routine operations, maintenance and monitoring, including GCCS expansion services, probe installation, source testing, pump installation, refractory replacement and compliance services.

## Remote Monitoring and Control Services

**Republic Services, Apache Junction Landfill, Apache Junction, AZ.** Remote monitoring and control services.

**Republic Services, Imperial Landfill, Imperial, CA.** Remote monitoring system services.

**Republic Services, Southwest Regional Landfill, Buckeye, AZ.** Remote monitoring and control services.

**Republic Services, Sycamore Landfill, Santee, CA.** Remote monitoring and control services.

# CHAD D. SALMONS


*Chad D. Salmons*

## Specialty Certifications

40-Hour Health and Safety Training, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.147
American Red Cross Standard First Aid and CPR
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
Drilling Atop Lined Landfills
Drill Rig Operator
Forklift Certified
Heavy Equipment Certification
Manager of Landfill Operations
QED Environmental Systems Certified
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Affiliations

Solid Waste Association of North America

## Professional Experience

As a Senior Field Project Manager, Chad has 34 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring and in LFG control and recovery construction projects.

His career in this industry started in 1991 when he worked as a Superintendent for LFG&E International installing gas collection and control systems (GCCS) and flare stations across the country. In 2001, he joined the (former) Shaw group, and in 2005, he joined SCS. His vast and extensive LFG construction experience includes drill rig operation, construction of the blower flare stations, GCCS construction and non-routine repair and emergency call-out response. He is responsible for many phases of project construction, including development, management and oversight of field construction, and for preparation and installation of extraction wells, monitoring wells, condensate collection/containment facilities, leachate control/disposal facilities and blower/flare stations. He has installed many types of pipe material, including HDPE, PVC, CPVC, copper, gasket piping, black iron and stainless steel. He also has experience operating heavy equipment, including loaders, excavators, backhoes, man lifts, cranes, water trucks and dump trucks. Additional experience includes surveying, establishment of grades, preparation of as-built documentation and compilation of field notes.

This vast career experience has allowed Chad to develop and maintain key relationships with a vast array of clients, vendors and suppliers. These relationships have resulted in his ability to deliver high quality products in a cost-effective and efficient manner. His experience has also provided for an in-depth understanding of industry safety, and he is continually focused on providing his staff training and ensuring the completion of work safely.

Other responsibilities include client relations and communications, preparing repair strategies for numerous LFG projects, scheduling, safety, field staff supervision, cost control, contract

administration, monthly cost estimates, PDR review, adjustments and invoicing and preparation of proposals and project budgets. Notable projects that Chad has been involved in are described below.

## Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Project Manager for services including non-routine operations, maintenance and monitoring, including drilling services, blower/flare services, extraction well services and repair services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** Routine and non-routine operations, maintenance and monitoring, including quarterly monitoring.

**City of San Diego, Various Sites, CA.** Emergency drilling services.

**City of San Diego, Various Sites, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring.

**County of San Diego, Bell Jr. High Landfill, San Diego, CA.** Flare replacement, vault repair and piping replacement.

**County of San Diego, Encinitas Landfill, Encinitas, CA.** Piping services and well extensions.

**County of San Diego, Gillespie Landfill, El Cajon, CA.** Flare replacement and soil and gas system repairs.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Flare replacement and wellhead replacement.

**County of San Diego, Jamacha Landfill, San Diego, CA.** Flare replacement and GCCS improvements.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Surface emissions monitoring, well vault replacement, extraction well installation, sump repair, well raising, GCCS improvements, probe services, air compressor services, air quality monitoring, flare services and gas sampling.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Header services and valve services.

**Mohave County, Mohave Valley Landfill, Fort Mohave, AZ.** GCCS design and permitting services.

**Municipality of Anchorage, Anchorage Regional, International Airport Road, Merrill field and Peters Creek Landfills, AK.** LFG monitoring.

**Municipality of Anchorage, Anchorage Regional Landfill, Eagle River, AK.** LFG well replacement.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Operations, maintenance and monitoring, including header repair, lateral services and sump repair.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine and non-routine operations, maintenance and monitoring, including collection system repairs.

**Republic Services, Otay Landfill, Chula Vista, CA.** Project Manager for services including operations, maintenance and monitoring, including GCCS services, construction quality assurance (CQA) services, LFG services, liquids management, header services, drilling services, construction services, well raising, collection system repairs, force main services, well pumping services, compost facility piping services, lateral services, dewatering services, blower services, air quality services, compliance services and 5-year planning.

**Republic Services, Ramona Landfill, Ramona, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including system repairs.

**Republic Services, Southwest Regional Landfill, Buckeye, AZ.** GCCS design services.

**Republic Services, Sycamore Landfill, Santee, CA.** Project Manager for services including routine and non-routine operations, maintenance and monitoring, including GCCS expansion services, CQA services, LFG services, surface emissions monitoring, extraction well services, liquids management, water pipe repair, piping services, drilling services, construction services, well raising, flare services, header services, Lorentz pump installation, well video inspection, collection system repairs, air quality services, leachate pump and tank installation, compliance services and 5-year planning.

# SRIVIDHYA VISWANATHAN, PE

## Education

MS – Civil Engineering, University of Oklahoma, Norman, OK, 2005
BE – Civil Engineering, Delhi College of Engineering, New Delhi, India, 2002



*Vidhya Viswanathan*

## Professional Licenses

Registered Civil Engineer – Arizona (No. 59485), California (No. 80360), Nevada (028004), and Oklahoma (No. 24265)

## Specialty Certifications

OSHA 40-HR HAZWOPER Certification, 29 CFR 1910.120
OSHA 8-HR HAZWOPER Refresher Training, 29 CFR 1910.120

## Professional Affiliations

Solid Waste Association of North America (SWANA)
Society of Women Engineers (SWE)
American Society of Civil Engineers (ASCE)

## Professional Experience

Srividhya (Vidhya) Viswanathan is an SCS Senior Vice President, Project Director, and registered AZ Civil Engineer with 20 years of experience, specializing in solid waste management. During her tenure as a municipal engineer, she was involved in the permitting, design, and construction of a variety of municipal projects, including landfill expansion and liner installation. Since joining SCS, Vidhya has been involved in the preparation of feasibility studies, and the permitting, design, and construction of various LF and landfill gas (LFG) projects.

Her work includes LFG collection and control systems design and installation, landfill de-watering systems, LFG blower-flare station (BFS) planning and site civil design, and construction oversight for LFG-related projects. She also has experience performing analysis of airspace consumption and remaining life assessments using AutoCAD Civil 3D, in addition to closure and post-closure care cost estimations for various LFs. Vidhya designed 5-year operational fill and GCCS sequence plans and prepared Joint Technical Document (JTD) updates for various landfills throughout the Southwestern U.S. She is also involved in organics facility design and construction projects.

As a strong client manager with excellent LF/LFG design, construction support, and CQA skills, she has a thorough understanding of what it takes to successfully complete projects, coordinating between design, waste fill operations, construction, and OM&M teams. She is an integral part of several site operation teams, and is currently the Engineer of Record for several publicly and privately owned municipal solid waste sites, providing solid waste design, construction, OM&M, and routine regulatory support for landfill and LFG systems throughout the Southwest region, including California, Arizona, Nevada, and New Mexico.

Representative landfill/LFG design and construction projects in California are shown below.

**City of San Diego, LFG, Engineering, Air Quality, GHG Services for Various Landfills, San Diego, CA.** As Client Service Manager, Vidhya maintained positive working relationships and project oversight.

**City of San Diego, Feasibility Study for a New BFS, Civil Design, and Permitting for a BFS at Miramar Landfill, San Diego, CA.** As Project Manager, Vidhya was responsible for the preparation of a feasibility study investigating the potential design, permitting, and economic considerations for possible locations of the new BFS, and design plans for the construction of the new BFS.

**County of San Diego, Enclosed Flare and Blower System Replacement for Jamacha Landfill, San Diego, CA (Ongoing).** As Project Manager, Vidhya is responsible for the design and installation of a replacement enclosed flare and blower system at Jamacha Landfill.

**County of San Diego, Enclosed Flare and Blower System Replacement for Bell Jr. High School Landfill, San Diego, CA.** As Project Manager, Vidhya was responsible for the design and installation of a replacement enclosed flare and blower system at Bell Jr. High School Landfill.

**County of San Diego, Enclosed Flare and Blower System Replacement for Hillsborough Landfill, San Diego, CA.** As Project Manager, Vidhya was responsible for the design and installation of a replacement enclosed flare and blower system at Hillsborough Landfill.

**County of San Diego, Routine Inspection for Various Landfills, CA.** As Project Manager, Vidhya was responsible for providing routine inspection, reporting, and on-call engineering services. Projects included design and oversight of the installation of LFG extraction wells, evaluation of LFG impacts on groundwater, environmental impacts of a possible air crash at an airport constructed on a landfill, permitting assistance for the addition of a flare condensate injection system, and general technical support.

**County of San Diego – Department of Public Works, LFG OM&M Services, San Diego, CA.** As Project Manager, Vidhya was responsible for designing and installing Gas Migration Control Facilities at Encinitas and Gillespie Landfills.

**Republic Services, Inc., Fill and GCCS Sequence Planning, and Other Engineering Projects at Otay Landfill, Chula Vista, CA.** As Project Manager, Vidhya was responsible for the design of vertical LFG extraction wells, associated header, and lateral piping as part of the expansion of the landfill's GCCS; de-watering system design; and associated air supply and force main piping. She also served as the Engineer of Record for updating the JTD for the site per CCR Title 27, and provided routine regulatory support for landfill and LFG issues.

**Republic Services, Inc., 2018 Blower Facility for Otay Landfill, Chula Vista, CA.** As Project Manager, Vidhya is responsible for the design of the blower facility and associated piping upgrades.

**Republic Services, Inc., 2018 GCCS Expansion Design for Otay Landfill, Chula Vista, CA.** As Project Manager, Vidhya was responsible for the design of vertical LFG extraction wells and associated header and lateral piping.

**Republic Services, Inc., 2018 GCCS Expansion CQA for Otay Landfill, Chula Vista, CA.** As Project Manager, Vidhya was responsible for the CQA for the installation of vertical LFG extraction wells and associated header and lateral piping.

**Republic Services, Inc., 2017 GCCS Expansion Design for Otay Landfill, Chula Vista, CA.** As Project Manager, Vidhya was responsible for the design of vertical LFG extraction wells and associated header and lateral piping.

**County of San Diego, Enclosed Flare and Blower System Replacement for Jamacha Landfill, San Diego, CA (Ongoing).** As Project Manager, Ms. Viswanathan is responsible for the design and installation of a replacement enclosed flare and blower system at Jamacha Landfill.

**County of San Diego, Enclosed Flare and Blower System Replacement for Bell Jr. High School Landfill, San Diego, CA.** As Project Manager, Ms. Viswanathan was responsible for the design and installation of a replacement enclosed flare and blower system at Bell Jr. High School Landfill.

**County of San Diego, Enclosed Flare and Blower System Replacement for Hillsborough Landfill, San Diego, CA.** As Project Manager, Ms. Viswanathan was responsible for the design and installation of a replacement enclosed flare and blower system at Hillsborough Landfill.

**County of San Diego, Routine Inspection for Various Landfills, CA.** As Project Manager, Ms. Viswanathan was responsible for providing routine inspection, reporting, and on-call engineering services. Projects included design and oversight of the installation of LFG extraction wells, evaluation of LFG impacts on groundwater, environmental impacts of a possible air crash at an airport constructed on a landfill, permitting assistance for the addition of a flare condensate injection system, and general technical support.

**County of San Diego – Department of Public Works, LFG OM&M Services, San Diego, CA.** As Project Manager, Ms. Viswanathan was responsible for designing and installing Gas Migration Control Facilities at Encinitas and Gillespie Landfills.

**City of San Diego, LFG, Engineering, Air Quality, GHG Services for Various Landfills, San Diego, CA.** As Client Service Manager, Ms. Viswanathan maintained positive working relationships and project oversight.

**City of San Diego, Feasibility Study for a New BFS, Civil Design, and Permitting for a BFS at Miramar Landfill, San Diego, CA.** As Project Manager, Ms. Viswanathan was responsible for the preparation of a feasibility study investigating the potential design, permitting, and economic considerations for possible locations of the new BFS, and design plans for the construction of the new BFS.

**Republic Services, Inc., Fill and GCCS Sequence Planning, and Other Engineering Projects at Otay Landfill, Chula Vista, CA.** As Project Manager, Ms. Viswanathan was responsible for the design of vertical LFG extraction wells, associated header, and lateral piping as part of the expansion of the landfill's GCCS; de-watering system design; and associated air supply and force main piping. She also served as the Engineer of Record for updating the JTD for the site per CCR Title 27, and provided routine regulatory support for landfill and LFG issues.

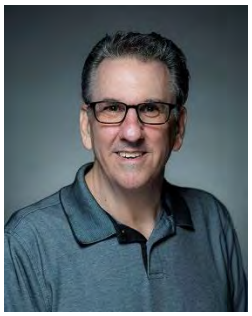
**Republic Services, Inc., 2018 Blower Facility for Otay Landfill, Chula Vista, CA.** As Project Manager, Ms. Viswanathan is responsible for the design of the blower facility and associated piping upgrades.

**Republic Services, Inc., 2018 GCCS Expansion Design for Otay Landfill, Chula Vista, CA.** As Project Manager, Ms. Viswanathan was responsible for the design of vertical LFG extraction wells and associated header and lateral piping.

**Republic Services, Inc., 2018 GCCS Expansion CQA for Otay Landfill, Chula Vista, CA.** As Project Manager, Ms. Viswanathan was responsible for the CQA for the installation of vertical LFG extraction wells and associated header and lateral piping.

**Republic Services, Inc., 2017 GCCS Expansion Design for Otay Landfill, Chula Vista, CA.** As Project Manager, Ms. Viswanathan was responsible for the design of vertical LFG extraction wells and associated header and lateral piping.

# PATRICK S. SULLIVAN, BCES, CPP, REPA



## Education

BA – Harvard University, Biology/Ecology, 1989

## Professional License/Certifications

Board Certified Environmental Scientist, No. 15-ES009, American Academy of Environmental Engineers & Scientists (AAEES)
South Coast Air Quality Management District (SCAQMD), Certified Permitting Professional (No. A-1716)
Registered Environmental Property Assessor, No. 519692, National Registry of Environmental Professionals (NREP)
Approved Lead Verifier under California Air Resources Board (CARB) AB 32 Greenhouse Gas (GHG) Program, Executive Order H-24-097

## Selected Professional Affiliations

Air and Waste Management Association (AWMA); Chairman, Mother Lode Chapter
Waste Industry Air Coalition (WIAC), Co-Chairman
Solid Waste Industry for Climate Solutions (SWICS), Co-Chairman
Solid Waste Association of North America (SWANA), Biogas Division, Previous Chairman
Technical Advisory Group; Cal Recycle, Landfill Gas (LFG) Rulemaking
Technical Advisory Group, CARB, AB 32 Landfill Methane Rule
Rulemaking Advisory Committee (RAC) Oregon Department of Environmental Quality (ODEQ), LFG

## Professional Awards

Distinguished Individual Achievement Award, LFG/Biogas Division, SWANA, 2019
Certificate of Excellence, Publication of over 100 Articles and Presentation, SCS Engineers (SCS), 2015
Distinguished Service Award, National Solid Waste Management Association (NSWMA, now National Waste and Recycling Association, NWRA), 2009
Hall of Flame, SWANA, LFG/Biogas Division, 2007

## Professional Experience

Pat has 36 years of experience in the area of environmental engineering, specializing in solid waste management and related environmental issues. He is the Managing Director of SCS's consulting and engineering operations within the Southwestern United States, which is SCS's largest consulting business unit. He also serves as the Practice Leader for SCS's Solid Waste Practice in the same region. Pat is the National Expert for SCS's companywide Clean Air Act (CAA) program and Odor Management programs. He is one of the national experts on air quality, GHG and climate change, sustainability, odor, and risk assessment and toxic exposure analyses for solid waste facilities.

Pat is the Principal-in-Charge for projects related to air quality permitting and compliance, GHG emissions and climate change, LFG engineering and compliance, facility investigation and risk

assessment, and redevelopment of impacted properties at solid waste and other industrial facilities, as well as related engineering services. Because of this expertise, He has been involved with the following practices and projects:

## Air Quality

**Title V Permit Applications and Documentation.** Pat has been involved with over 250 Title V permitting projects, including Title V compliance reporting for over 100 facilities, for solid waste and industrial facilities, including the Miramar Landfill.

**New Source Review (NSR)/Prevention of Significant Deterioration (PSD) Permit Applications and Documentation.** Pat has been involved with over 150 NSR/PSD projects for various types of solid waste and industrial facilities. This includes permitting for over 40 landfill expansions, 25 composting projects, and 75 LFG to energy projects.

**New Source Performance Standard (NSPS) Compliance Activities.** Pat has overseen the completion of NSPS Tier 1 and 2 emission rate studies and reports, LFG collection and control system (GCCS) design plans, surface emission monitoring plans, and other documentation for over 200 landfills under the landfill NSPS program, including compliance reporting for over 85 landfill sites, including the Miramar Landfill.

**National Emission Standards for Hazardous Air Pollutants (NESHAPs) Compliance Activities.** Pat has been involved with over 100 NESHAPs projects for various regulated sources, including development of Startup, Shutdown, and Malfunction (SSM) plans and various other compliance documents.

**Regulatory Advocacy for the Solid Waste Industry** where landfills or other solid waste facilities are included as a regulated source. Pat has developed industry comments and negotiated with the agencies on behalf of the industry as it related to the NSPS/NESHAPs rules, Title V operating permit programs, GHG programs, LFG regulations, and other regulations.

**Preparation of Numerous Local Air District, State, and Federal Air Permitting Documents** for the installation of air pollution control devices and industrial equipment, including engines, turbines, carbon adsorption systems, boilers, cooling towers, air strippers, wastewater treatment plants, biogas collection systems and flares, biogas recovery plants, and various industrial systems. Pat has managed over 250 state or local air permitting projects for landfills and industrial facilities, including over 25 projects in the San Diego APCD.

**Air Quality Modeling and Risk Assessment for Permitting or Environmental Impact Reports (EIRs)** for approximately 50 landfill expansions, new landfills, composting facilities, transfer stations, other solid waste facilities, and various commercial/industrial projects in California, including evaluations of health risks, ambient air quality, GHG, and/or odors. This has included the preparation of a variety of California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) documentation. He has completed air dispersion modeling and risk assessments for over 100 permitting projects or as part of state air toxic programs.

Pat has published and/or presented over 150 technical papers and/or presentations in industry journals, publications, conferences, seminar, and workshops.

# CHARLES ("CHUCK") HOUSER, PG, CEG, CHG



## Education

MS – Geological Sciences, San Diego State University
BS – Geological Sciences, San Diego State University

## Professional Licenses

Certified Hydrogeologist – California (No. 945)
Certified Engineering Geologist – California (No. 2206)
Professional Geologist – California (No. 5781)

## Specialty Certifications

OSHA 40-hour Hazardous Waste Operations and Emergency Response Training

## Professional Experience

Chuck has 38 years of experience in the earth science industry. He is a registered geologist, certified engineering geologist, and certified hydrogeologist with experience conducting investigations on lithological formations. His experience includes environmental site assessments (ESAs), groundwater monitoring, fault and landslide investigations, groundwater resource studies, geological mapping, and geotechnical investigations. He has assessed and remediated underground storage tanks (USTs) and obtained reimbursement for cleanup costs from the California Underground Storage Tank Cleanup Fund. His understanding of geology and experience in the earth science industry enable him to prepare useful hydrogeological research, accurate environmental assessments, and appropriate remediation approaches. Notable projects that he has been involved in are described below.

### Landfills

**Solid Waste Water Quality Assessment Test (SWAT), Arizona Street Landfill.** Chuck was the principal investigator and report writer for a SWAT conducted for the Arizona Street Landfill in San Diego.

**Site Inspection (SI) Project, Ship Repair Basins, NAVSTA San Diego.** Chuck was the principal investigator and report writer for a SI conducted for the former ship repair basins at Naval Station San Diego.

**Closed County of San Diego and City of San Diego Landfills.** Chuck reviews monthly compliance reports for ten (10) closed County landfills and two (2) closed City landfills.

**San Diego County Landfill Sites – Feasibility Studies.** To plan for proposed landfill sites, Chuck conducted research and field work for feasibility studies at six proposed sites. Fieldwork included excavation of exploratory trenches for the purpose of assessing soil and rock conditions, and installation and sampling of shallow (up to 30 feet deep) and deep (up to 500 feet deep) groundwater monitoring wells for the purpose of assessing baseline groundwater conditions.

**Otay, Sycamore Canyon, Ramona, and Borrego Landfills.** Chuck has participated in the drilling and construction of landfill gas recovery wells and/or landfill gas monitoring probes at these landfills around San Diego County.

**Geologic Investigation and Cross Section Development, Otay Landfill.** Chuck was the principal assessing depths and characteristics of formational geologic units beneath and surrounding the Otay Landfill. The investigation consisted of drilling and logging a continuously cored soil boring to a depth of approximately 250 feet, conducting geophysical logging (via reverse induction conductivity/ resistivity) of numerous existing soil vapor extraction wells, and evaluation of drilling logs for soil vapor extraction wells, perimeter monitoring probes, and groundwater monitoring wells. From the data collected and reviewed, He developed cross sections of the geologic units along the east and south sides of the landfill and provided an evaluation of the locations and elevations of various contacts between the major geologic units.

**Fault Investigation, National Training Center Fort Irwin Landfill.** Chuck conducted a fault investigation for a new landfill cell excavation at Fort Irwin. The investigation involved two major tasks:

- Conducting observation and logging of cut slopes for the new landfill cell, and development of cross sections based on those observations and logs; and
- Conducting fault mapping using available drainages and exposures in proximity to the new landfill cell.

The results of the fault mapping demonstrated that the fault cut older strata but not more recent alluvial deposits, confirming published information that the fault was not an active fault (rupture within the past approximately 11,000 years) according to California state guidelines. The logging and cross sections in the excavations indicated no evidence of offset of the alluvial strata further confirming an interpreted older age for then fault.

**Class I Waste Disposal Facility RCRA Facility Investigation.** Chuck participated in an RCRA Facility Investigation at a Class I waste disposal facility in Martinez, CA. This project involved complex well construction and drilling in Level B protection (airline and cascade air system). He was responsible for coordination of all field activities and geological logging of drilled wells.

**Los Coyotes Indian Reservation Burn Dump Site.** At the Los Coyotes Indian Reservation in San Diego County, CA, he characterized contaminants of concern at the open burn dump site.

**Pala Landfill Facility Assessments.** For the Pala Landfill Facility on the Pala Indian Reservation in San Diego County, CA, he assessed the fill cells and possible groundwater impacts.

**Palomar Airport Landfill.** Chuck has conducted the following activities for the closed Palomar Airport Landfill:

- Waste characterization for disposal of trench and drilling spoils generated during various phases of assessment and maintenance at the landfill.
- Oversee the drilling and installation of multi-depth temperature probes during a subsurface oxidation event.
- Oversee the abandonment of a damaged sump and lateral system.
- Assess limits of waste and groundwater occurrence, and prepare a report including geophysical interpretations, drilling results, and evaluation of historic aerial photos and topographic maps with 3-dimensional GIS modelling.

# GABRIELLE F. STEPHENS



*Gabrielle Stephens*

## Education

BS – Biology, University of California, Los Angeles, 2002

## Professional Experience

Ms. Stephens has 23 years of experience in environmental consulting, all with SCS. As an SCS Project Director, she has been involved in numerous projects related to air permitting and compliance with solid waste regulations, including landfill gas (LFG) surface and perimeter monitoring, LFG assessment, and perimeter probe design and installation. She has provided air permitting services for LFG collection and control devices and associated equipment, including enclosed ground flares, LFG-to-energy (LFGTE) plants, renewable natural gas (RNG) plants, and carbon absorption systems. She has also been involved in numerous projects related to air permitting and compliance for combustion equipment, including flares, engines, and turbines.

Ms. Stephens has worked with many of the air districts in California, including the South Coast Air Quality Management District (SCAQMD), Bay Area Air Quality Management District (AQMD), Antelope Valley Air Quality Management District (AQMD), Mojave Desert Air Quality Management District (AQMD), San Joaquin Valley Air Pollution Control District (SJVAPCD), Ventura County Air Pollution Control District (APCD), Santa Barbara Air Pollution Control District (APCD), Imperial County Air Pollution Control District (APCD), and San Diego County Air Pollution Control District (APCD). She has also worked with Local Enforcement Agencies (LEAs) across Southern California and air districts in Oregon, Arizona, and Nevada.

Ms. Stephens has completed emissions estimates and inventories and has prepared numerous permit-to-construct/operate and Title V permit applications. She prepares compliance reports, which include reviewing and maintaining records and regulatory deadlines. She has also completed evaluations and reporting for the federal Greenhouse Gas (GHG) Rule and Rule AB 32 Landfill Methane Rule (LMR).

Notable projects that Ms. Stephens has been involved in are described below.

**Republic Services, Inc. (RS), LFG OM&M, Environmental Monitoring, and Compliance/ Permitting. Services for the Apex Regional Landfill, Las Vegas, NV.** As the Project Manager, Gabrielle is responsible for regulatory compliance and reporting and permitting oversight for the landfill as well as reporting for the other activities on site including aggregate facility and pig farm,

**Air Permitting Services for LFG Collection and Control Devices and Associated Equipment, CA.** Gabrielle provides environmental services for numerous sites that contain enclosed ground flares, LFGTE plants, LFG to RNG plants, and carbon absorption systems. Permitting services also included air dispersion modeling, health risk assessments (HRAs), emissions offset calculations, and regulatory negotiation. Gabrielle was involved with projects such as LFGTE permitting for the Frank R. Bowerman (FRB) Landfill, Lockwood Landfill, Riverbend Landfill, Columbia Ridge Landfill, and Recycling Center, as well as modifications for the Bradley Landfill and Recycling Center, Lancaster Landfill and Recycling Center, Chiquita Canyon Landfill, and West Miramar Landfill. She has also prepared numerous flare permit applications for sites such as the FRB Landfill, Lockwood Landfill, Chiquita Canyon Landfill, Sunrise Mountain Landfill, Santa Maria Regional Landfill, and multiple County of San Diego landfills.

**Regulatory Compliance Audits, Facility Permitting, and Regulatory Interface with Local, State, and Federal Agencies.** Ms. Stephens provided environmental services to ensure compliance with all applicable rules and environmental regulations.

**Preparation of Compliance Reports, CA.** Ms. Stephens prepared compliance reports for sites including Mid-Valley, Victorville, San Timoteo, Milliken, and Colton Sanitary Landfills, Toland Road, Oxnard, and Santa Maria Regional Landfill in Southern California, and Otay Sanitary, San Marcos, Miramar, and Sycamore Sanitary Landfills in San Diego.

**Compliance Support.** Ms. Stephens provided compliance support for landfill sites including Otay Sanitary Landfill, San Marcos Landfill, Ramona Landfill, Sycamore Landfill, Allied Imperial Landfill, Santa Maria Regional Landfill, Apex Regional Landfill, Miramar Landfills, and 12 County of San Bernardino Landfills. She has also provided compliance support for industrial sites including Sanger Boats, MB Sports, and Maruhachi Ceramics of America.

**Title V and New Source Review (NSR) and Prevention of Significant Deterioration (PSD) Services.** Ms. Stephens assisted in the preparation of Title V and NSR/PSD permit applications and documentation for landfill sites, including a new landfill in Arizona.

**Air Quality Impact Analysis and Permitting, Manteca, CA.** Ms. Stephens provided environmental services associated with the proposed merging of two landfills located in Manteca, CA. Project activities included air emissions estimates from landfill surfaces and control devices, calculation of vehicle emissions rates using mathematical models, and estimation of PM10 emissions from stationary and mobile sources.

**Annual GHG Reporting, CA.** Ms. Stephens prepared and submitted GHG federal mandatory reports and Annual AB 32 LMR Reports for Mid-Valley, Colton, San Timoteo, and Santa Maria Regional Landfills in Southern California, and San Marcos, South Chollas, and West Miramar Landfills in San Diego.

**Completion of Emissions Estimates and Inventories, CA.** Ms. Stephens conducted emissions estimates and inventories for sites including Altamont, Ox Mountain, and Mountain View Landfills in the Bay Area, Lancaster Landfill and Recycling Center, Antelope Valley Landfill and Disposal Facility, and six County of San Bernardino Landfills in Southern California, Sanger Boats and MB Sports in Central California, and Otay, South Chollas, Sycamore, Arizona Street, and multiple San Diego County landfills in San Diego.

**Preparation of Permit-to-Construct/Operate Permit Application, CA.** Ms. Stephens prepared the permit-to-construct and operate permit applications for sites including FRB Landfill, Lancaster Landfill and Recycling Center, and Chiquita Canyon Landfills in Southern California, West Contra Costa Sanitary Landfill and Potrero Hills Landfill in the Bay Area, Sycamore Sanitary, Otay Sanitary, Hillsborough, and Bell Jr. HS Landfills in San Diego, and Forward/Austin Road and Simi Valley Landfills in the San Joaquin Valley. Additional applications were prepared for projects in Oregon, Nevada, and Arizona.

**NSPS Tier II LFG Sampling, Analysis, and Reporting, CA.** Ms. Stephens provided environmental services for a landfill site located in Kern County, CA, in accordance with federal New Source Performance Standards (NSPS) regulations.

**Determination of LFG Generation Rates.** Ms. Stephens determined LFG generation rates by utilizing computer models with input data from operator waste receipt records and decomposition data developed by SCS.

# ALBERTO GONZALEZ

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
Forklift Operator Training
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/ Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Senior Field Technician, Alberto has 4 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids removal, gas sampling and monitoring. He has provided construction services and condensate system/sump maintenance, surface emissions monitoring, groundwater well monitoring and construction quality assurance (CQA) services. Alberto has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on landfill liquids extraction pumps (submersible and piston-driven pumps), pneumatic condensate injection pumps, pneumatic condensate sump pumps, air compressors, thermocouples and electrical components. He has worked on active gas collection systems of varying sizes. Notable projects that Alberto has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine and non-routine operations, maintenance and monitoring services, including well monitoring and tuning, condensate pump replacements, O2 intrusion repairs, LFG system services, gas supply services, wellhead replacement, valve replacements and flare station services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including collection system repairs, well raising, GCCS removal and replacement, soil vapor extraction pumping services, compliance services, pipe fusion, gas well monitoring and tuning, condensate pump replacements, oxygen intrusion repairs, wellhead replacement, valve replacements, flare station services and construction services.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including liquids management, well video inspection, compliance services and CQA services.

# ROBERTO OROZCO

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.147
American Red Cross Standard First Aid and CPR
Certified Competent Person Awareness for Trench/Excavation Safety, OSHA CFR 1926
Certified for the Service of Landfill, Leachate and Condensate Pumping Equipment
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
Forklift Training
HDPE Fusion Training/Certification
Heavy Equipment Operator Safety Training
Landfill Technician Training – Approach to Environmental Compliance
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Field Technician, Roberto has 31 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services and LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring, surface emissions monitoring, groundwater well monitoring and sampling, control of gaseous emissions and sulfur monitoring. Roberto has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on extraction pumps and pneumatic condensate sump pumps. He has worked on the following LFG collection systems: active air injection systems, passive landfill gas barrier/vent systems, automatic methane gas detections systems, recovery plant compressor systems, and landfill gas to energy systems. Notable projects that Roberto has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine and non-routine operations, maintenance and monitoring, including extraction well services, condensate collection and disposal services, drilling services and repair services.

**City of San Diego, Various Sites, CA.** Greenhouse gas regulation services.

**Republic Services, Otay Landfill, Chula Vista, CA.** Operations, maintenance and monitoring, including collection system repairs and LFG system services.

# JESUS A. ESPINOZA

## Education

Electrician Technician Certification, UEI College, 2023

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
American Red Cross Standard First Aid and CPR
Forklift Training
Heavy Equipment Operator Safety Training
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Field Technician, Jesus has 1 year of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring and has experience in operation of heavy equipment. He has provided extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance and greenhouse gas regulation services. Jesus has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). Notable projects that Jesus has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine operations, maintenance and monitoring, including extraction well services, blower/flare services and repair services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** Quarterly monitoring.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine operations, maintenance and monitoring.

**County of San Diego, Various Sites, CA.** Non-routine services.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine services.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine services, including construction services.

# GARRETT R. ZEIDLER

## Education

BS – Applied Environmental Science, Hydrology and Stormwater, San Diego State University, 2020

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Senior Field Technician, Garrett has 3 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services and LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring, surface emissions monitoring and greenhouse gas regulatory services. Garrett has performed non-routine repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on extraction pumps, pneumatic condensate injection pumps and pneumatic condensate sump pumps. Notable projects that Garrett has been involved in are described below.

### Landfill Gas Management

**City of Oceanside, Mission Avenue Landfill, Oceanside, CA.** Piping repairs.

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine operations, maintenance and monitoring, including LFG system services and repair services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, Various Sites, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring.

**County of San Diego, Bradley Park Landfill, Ramona, CA.** Probe sampling.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Wellhead replacement.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Flow meter replacement, flare services, surface emissions monitoring, well installation, air quality monitoring, raising and lowering vaults and high heat response services.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Condensate injection system services.

**County of San Diego, Various Sites, CA.** Flare testing.

**County of San Diego, Various Sites, CA.** Surface emissions monitoring.

**County of San Diego, Viejas Sanitary Landfill, Alpine, CA.** Remote methane detector scan.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine operations, maintenance and monitoring, including flare replacement, well camera inspection, header repair, lateral services, blower services and sump repair.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring and emergency call out response.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring and compliance services.

**Republic Services, Ramona Landfill, Ramona, CA.** Routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring and emergency call out response.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring, liquids management, well video inspection, and compliance services.

# JONATHON (JON) S. FRECKS

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
Completion of Flaring of Landfill Gases by John Zink Landfill Flare School
Forklift Training
Heavy Equipment Operator Safety Training
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Affiliations

United States Navy

## Professional Experience

As a Senior Field Technician, Jon has 6 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services and blower/flare station adjustment/maintenance, surface emissions monitoring, well raising and greenhouse gas regulation services. He has provided routine checks of field, plant and system equipment to ensure optimum level of performance; field reading recording; site and equipment inspection; and field collection piping systems troubleshooting. SSM overhauls and on-call services for flare failures are provided 24 hours a day, 7 days a week. He routinely collects data to ensure conformance with quality assurance standards, takes system readings and performs troubleshooting of plant and system processes and equipment. He operates instruments, meters, measuring devices and analytical equipment for LFG migration and control system evaluation and control testing.

In addition, Jon served as a Hospital Corpsman in the United States Navy for 5 years and served 2 deployments overseas in Iraq. Jon is decorated with 9 ribbons/medals and was awarded a Certificate of Commendation from his Commanding General for exceptional job performance. Following his time in the military, Jon accumulated experience in the environmental field as a technician conducting operations, maintenance and monitoring on groundwater remediation systems, groundwater and soil sampling and site assessment investigations. Some of the containments analyzed during his sampling events include fuel hydrocarbons and volatile organic compounds (VOCs). Notable projects that Jon has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Operations, maintenance and monitoring, including LFG system services, repair services and gas supply services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** Routine operations, maintenance and monitoring, including LFG system support services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring.

**County of San Diego, Gillespie and Jamacha Landfills, CA.** Flare replacement.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Sump repair, well raising, gas collection and control system (GCCS) construction, air monitoring services and well installation.

**County of San Diego, San Marcos Landfill, San Marcos, CA.** Non-routine operations, maintenance and monitoring, including condensate transfer and condensate injection system services.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine and non-routine operations, maintenance and monitoring.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine and non-routine operations, maintenance and monitoring, including well raising, compliance services and collection system repairs.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including liquids management, system repairs and compliance services.

**Republic Services, Ramona Landfill, Ramona, CA.** Routine and non-routine operations, maintenance and monitoring.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including well raising, liquids management, surface emissions monitoring, construction services, well video inspection, pump installation, GCCS removal and replacement, lateral well services, collection system repairs and compliance services.

# CHRISTOPHER (CHRIS) N. FRECKS

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
Forklift Training
Heavy Equipment Operator Safety Training
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/ Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Field Technician, Chris has 4 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids removal, gas sampling, and monitoring. He has provided construction services and blower/flare station adjustment/maintenance, condensate system/sump maintenance, surface emissions monitoring, greenhouse gas regulation services, well raising, liquids management and groundwater well monitoring. Chris has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on extraction pumps, pneumatic condensate injection pumps, pneumatic condensate sump pumps, air compressors, thermocouples and electrical components. Notable projects that Chris has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Non-routine operations, maintenance and monitoring.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring, including flare calibration services.

**County of San Diego, Bonsall Landfill, Ramona, CA.** O2 investigation and repairs.

**County of San Diego, San Marcos Landfill, San Marcos, CA.** Refractory replacement.

**County of San Diego, Various Sites, CA.** Surface emissions monitoring.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine operations, maintenance and monitoring, including refractory services.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine and non-routine operations, maintenance and monitoring, including well raising, surface emissions monitoring, emergency call out response, collection system repairs and remote monitoring system services.

**Republic Services, Otay Landfill, Chula Vista, CA.** Well raising.

**Republic Services, Ramona Landfill, Ramona, CA.** Routine and non-routine operations, maintenance and monitoring, including compliance services and emergency call out response.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including collection system repairs, liquids management, well raising, well video inspection, sump services, construction services and compliance services.

# CHRISTIAN J. SANDINO

## Education

AA – Arts History, Grossmont College, 2021
AA – Fine Arts, Grossmont College, 2021

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Field Technician, Christian has 3 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided blower/flare station data collection and adjustment/maintenance, probe sampling and surface emissions monitoring. Christian has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on pneumatic condensate injection pumps. Notable projects that Christian has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine operations, maintenance and monitoring, including repair services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring.

**County of San Diego, Bonsall Landfill, Ramona, CA.** 02 investigation and blower services.

**County of San Diego, Bradley Park Landfill, Ramona, CA.** Probe sampling.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Compressor motor replacement.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** High heat response.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Condensation injections services and flare control panel installation.

**County of San Diego, Various Sites, CA.** Flare testing.

**County of San Diego, Various Sites, CA.** Surface emissions monitoring.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine operations, maintenance and monitoring, including camera well inspection and header replacement.

**Republic Services, Borrego Landfill, Borrego Springs, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring, compliance services and emergency call-out services.

**Republic Services, Ramona Landfill, Ramona, CA.** Routine and non-routine operations, maintenance and monitoring

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including collection system repairs and compliance services.

# LUIS B. LEON

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
Certified for the Service of Landfill, Leachate and Condensate Pumping Equipment
Landfill Technician Training - Approach to Environmental Compliance
SCS Health and Safety Program and Requirements - Project & Site-Specific
  Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Field Technician, Luis has experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring and surface emissions monitoring. Luis has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on extraction pumps and air compressors. Notable projects that Luis has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine operations, maintenance and monitoring, including well monitoring.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine operations, maintenance and monitoring, including probe monitoring.

**County of San Diego, Bradley Park Landfill, Ramona, CA.** Probe monitoring.

**County of San Diego, Encinitas, Gillespie, Hillsborough and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring, including well monitoring and probe monitoring.

**County of San Diego, Poway Landfill, San Diego, CA.** Flare replacement and permitting services.

**County of San Diego, San Marcos Landfill, San Marcos, CA.** Well monitoring and quarterly surface emissions monitoring.

**County of San Diego, Various Sites, CA.** DRE testing.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine operations, maintenance and monitoring, including well monitoring.

# ARMANDO LARA

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.146
American Red Cross Standard First Aid and CPR
Forklift Operator Training
SCS Health and Safety Program and Requirements - Project & Site-Specific
  Health & Safety Plan Development & Preparation, Job Task Safety Analysis &
  Personal Protective Equipment Assessment, Lockout/ Tag out procedures, &
  Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As an OM&M Superintendent, Armando has 11 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring and has experience in operation of heavy equipment. His LFG experience includes flare construction, gas collection and control system (GCCS) construction and greenhouse gas regulation services. He has provided construction services and extraction well adjustment, blower/flare station adjustment/maintenance and condensate system/sump maintenance. Armando has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He is responsible for many phases of project construction, including development, management and oversight of field construction, and for preparation and installation of extraction wells, condensate collection/containment facilities and leachate control/disposal facilities. Additional experience includes surveying, establishment of grades, preparation of as-built documentation and compilation of field notes. Notable projects that Armando has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine and non-routine operations, maintenance and monitoring, including LFG system services, blower and flare services, extraction well services and repair services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** Operations, maintenance and monitoring.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Non-routine operations, maintenance and monitoring.

**County of San Diego, Bell Jr. High Landfill, San Diego, CA.** Vault repair.

**County of San Diego, Bonsall Landfill, Ramona, CA.** O2 investigation.

**County of San Diego, Encinitas Landfill, Encinitas, CA.** Piping services and well extensions.

**County of San Diego, Gillespie Landfill, El Cajon, CA.** Flare replacement and soil and gas system repairs.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Wellhead replacement.

**County of San Diego, Jamacha Landfill, San Diego, CA.** GCCS improvements and flare replacement.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Operations, maintenance and monitoring, including airline repair, well raising, gas sampling, GCCS construction and improvements and design and installation of gas extraction wells.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Routine operations, maintenance and monitoring.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine operations, maintenance and monitoring, including header repair, lateral services and sump repair.

**Republic Services, Imperial Landfill, Imperial, CA.** Operations, maintenance and monitoring

**Republic Services, Otay Landfill, Chula Vista, CA.** Operations, maintenance and monitoring, including GCCS expansion, well installation, construction services, soil vapor extraction installation, well raising, liquids management, drilling and piping, blower installation and dewatering services.

**Republic Services, Ramona Landfill, Ramona, CA.** Operations, maintenance and monitoring.

**Republic Services, Sycamore Landfill, Santee, CA.** Operations, maintenance and monitoring, including GCCS expansion services and gas line construction.

**Waste Management, Northwest Regional Landfill, Surprise, AZ.** Construction services.

# ANGEL S. ODGERS

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
American Red Cross Standard First Aid and CPR
Heat Fusion Equipment Operators Qualification
Mini Trackhoe/Backhoe/Skid Steer Certification
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/ Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Project Foreman, Angel has 15 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring and has experience in operation of heavy equipment. He has provided construction services and blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance and gas collection and control system (GCCS) repairs and improvements. Angel has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on gas collection lines, wells, extraction pumps, pneumatic condensate injection pumps, pneumatic condensate sump pumps, air compressors, thermocouples and electrical components. Notable projects he has been involved in are described below.

### Landfill Gas Management

**City of Oceanside, Mission Avenue Landfill, Oceanside, CA.** Piping repairs.

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine and non-routine operations, maintenance and monitoring, including repair services and extraction well services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine and non-routine operations, maintenance and monitoring.

**County of San Diego, Encinitas Landfill, Encinitas, CA.** Piping services and well extensions.

**County of San Diego, Gillespie Landfill, El Cajon, CA.** Flare replacement.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Wellhead replacement.

**County of San Diego, Jamacha Landfill, San Diego, CA.** GCCS improvements.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Well installation and vault services.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Operations, maintenance and monitoring, including header repair, lateral services and sump repair.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine and non-routine operations, maintenance and monitoring, including well raising and construction services.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including LFG system improvements, well raising, well video inspection, gas collection line installation and repair, well extensions, header installation, force main installation, compost services, lowering wells, liquids management, wellhead installation, drilling services, pipe fusion, compliance services, construction services and sump pump repair.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including collection system repairs, well raising, liquids management, header installation, pump installation, drilling services, piping repairs, compliance services and construction services.

# ALBERTO ODGERS, JR.

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
Forklift Operator Training
Heat Fusion Equipment Operators Qualification
Mini Trackhoe/Backhoe/Skid Steer Certification
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/ Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Fusion Technician, Alberto has 4 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services and blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, greenhouse gas regulation and gas collection and control system (GCCS) repairs and improvements. Alberto has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on extraction pumps, pneumatic condensate sump pumps and air compressors. Notable projects Alberto has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Operations, maintenance and monitoring, including LFG system improvements and repairs, fusing pipe, gas collection line installation and repairs, gas line releveling, extending and lowering wells and sump pump repair.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Non-routine operations, maintenance and monitoring.

**County of San Diego, Bell Jr. High Landfill, San Diego, CA.** Vault repair.

**County of San Diego, Bonsall Landfill, Ramona, CA.** O2 investigation.

**County of San Diego, Encinitas Landfill, Encinitas, CA.** Piping services and well extensions.

**County of San Diego, Gillespie Landfill, El Cajon, CA.** Soil and gas system repairs.

**County of San Diego, Hillsborough Landfill, San Diego, CA.** Wellhead replacement and as-needed services.

**County of San Diego, Jamacha Landfill, San Diego, CA.** GCCS improvements.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** Air compressor services, raising and lowering vaults and well installation.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine operations, maintenance and monitoring, including header repair and sump repair.

**Republic Services, Imperial Landfill, Imperial, CA.** Non-routine operations, maintenance and monitoring, including collection system repairs, well raising and construction services.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including LFG system improvements, well drilling, well video inspections, liquids management, header installation, compost services, compliance services, well raising, gas collection line installation and repair, well extensions, piping services, construction services, lowering wells, wellhead installation and sump pump repair.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including collection system repairs, LFG services, sump services, Lorentz pump installation, well raising, flare removal, header installation, construction services, drilling and piping and as-needed services.

# FRANCO HERNANDEZ

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer

## Professional Experience

As a Laborer, Franco has experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services. Franco has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). Notable projects that Franco has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** LFG construction services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** LFG construction services.

**County of San Diego, Jamacha Landfill, San Diego, CA.** LFG construction services.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** LFG construction services.

**County of San Diego, San Marcos Landfill, San Diego, CA.** LFG construction services.

**Republic Services, Imperial Landfill, Imperial, CA.** LFG construction services.

**Republic Services, Otay Landfill, Chula Vista, CA.** LFG construction services.

**Republic Services, Sycamore Landfill, Santee, CA.** LFG construction services.

# ZACHARY HESS

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer

## Professional Experience

As a Laborer, Zachary has experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services. Zachary has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). Notable projects that Zachary has been involved in are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** LFG construction services.

**City of San Diego, South Chollas Landfill, San Diego, CA.** LFG construction services.

**County of San Diego, Jamacha Landfill, San Diego, CA.** LFG construction services.

**County of San Diego, Palomar Landfill, Carlsbad, CA.** LFG construction services.

**County of San Diego, San Marcos Landfill, San Diego, CA.** LFG construction services.

**Republic Services, Imperial Landfill, Imperial, CA.** LFG construction services.

**Republic Services, Otay Landfill, Chula Vista, CA.** LFG construction services.

**Republic Services, Sycamore Landfill, Santee, CA.** LFG construction services.

# ADRIAN I. RODRIGUEZ

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
16-Hour Confined Space Training, OSHA 29 CFR 1910.147
10-Hour Construction Training, OSHA 29 CFR 1926
American Red Cross Standard First Aid and CPR
Forklift Certification
Mobile Crane Certification
Rough Terrain Forklift Certification
SCS Health and Safety Program and Requirements - Project & Site-Specific Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Laborer, Adrian has experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. He has provided construction services and LFG well monitoring, condensate system/sump maintenance, surface emissions monitoring, liquids handling, well raising and pipe fusing. Adrian has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided maintenance and repairs on pneumatic condensate sump pumps. He has experience operating heavy equipment such as forklifts, cranes, front-end loaders and dump trucks. Notable projects that Adrian has been involved in are described below.

### Landfill Gas Management

**City of Oceanside, Various Sites, Oceanside, CA.** Blower/flare station services.

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine operations, maintenance and monitoring, including surface emissions monitoring, extraction well services, repair services, pipe fusing, sump pump installation and vacuum line installation.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Routine operations, maintenance and monitoring.

**County of San Diego, Bell Jr. High Landfill, San Diego, CA.** Surface emissions monitoring.

**County of San Diego, Bonsall Sanitary Landfill, Vista, CA.** Surface emissions monitoring.

**County of San Diego, Bradley Park Landfill, Ramona, CA.** Probe sampling.

**County of San Diego, Jamacha Sanitary Landfill, San Diego, CA.** Condensate transfer services.

**County of San Diego, Palomar Airport Landfill, Carlsbad, CA.** Gas collection and control system services.

**County of San Diego, San Marcos Landfill, San Diego, CA.** Surface emissions monitoring, condensate transfer services and well maintenance.

**County of San Diego, Various Sites, CA.** Non-routine services.

**Naval Facilities Engineering Command, Las Pulgas Landfill, Camp Pendleton, CA.** Routine operations, maintenance and monitoring.

**Republic Services, Imperial Landfill, Imperial, CA.** Routine operations, maintenance and monitoring, including surface emissions monitoring.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring, compliance services, collection system repairs, well raising, liquids management and pipe fusing.

**Republic Services, Ramona Landfill, Ramona, CA.** Surface emissions monitoring.

**Republic Services, Sycamore Landfill, Santee, CA.** Routine and non-routine operations, maintenance and monitoring, including surface emissions monitoring, well raising and pipe fusing.

# ADRIAN S. PADILLA

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
SCS Health and Safety Program and Requirements - Project & Site-Specific
Health & Safety Plan Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment Assessment, Lockout/ Tag out procedures, & Behavior Based Safety Process & Observer
SCS Standards of Business Conduct & Ethics

## Professional Experience

As a Field Technician, Adrian has 4 years of experience in operation, monitoring and maintenance (OM&M) of landfill gas (LFG) systems and field activities related to liquids and gas sampling and monitoring. His LFG experience includes blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, surface emissions monitoring, construction quality assurance (CQA) services and GCCS repairs and improvements. Adrian has performed non-routine scheduled repairs and emergency call out response (leaks, well extensions, pipe repairs, etc.). He has provided installation, maintenance and repairs on gas collection lines, well extensions, and repairs to wells, extraction pumps and sump pumps. Notable projects that Adrian has been involved with are described below.

### Landfill Gas Management

**City of San Diego, Miramar Landfill, San Diego, CA.** Routine operations, maintenance and monitoring, including condensate collection and disposal services and repair services.

**City of San Diego, South Chollas and Arizona Street Landfills, San Diego, CA.** LFG system support services.

**City of San Diego, Various Sites, San Diego, CA.** Greenhouse gas regulation services.

**County of San Diego, Bell Jr. High, Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar, Poway, San Marcos and Valley Center Landfills, CA.** Surface emissions monitoring.

**Republic Services, Otay Landfill, Chula Vista, CA.** Routine operations, maintenance and monitoring, including liquids management, well raising, soil vapor extraction pump services, CQA services and LFG system improvements that includes well drilling, repair and installation of gas collection lines, extend wells, lower wells, installation of wellheads, and repairs to sump pumps.

**Republic Services, Sycamore Landfill, Santee, CA.** Well video inspection, GCCS expansion services and CQA services.

# DIEGO REYES LOPEZ

## Education

BA – Liberal Arts and Sciences Interdisciplinary Studies, with Emphasis in Three Departments (Civil Engineering, Environmental Engineering, Spanish), San Diego State University, 2019

## Specialty Certifications

40-Hour Training for Hazardous Waste Workers, OSHA 29 CFR 1910.120
40-Hour Health and Safety Training, OSHA 29 CFR 1910.120
8-Hour Refresher for Hazardous Waste Operations and Emergency Response, OSHA 29 CFR 1910.120 (e) and (q)(8)
20-Hour Confined Space Training/Trench Safety, OSHA 29 CFR 1910.146
John Zink Institute Landfill Flare Training Course – LF162 (2016, 2018, 2019)
AHERA Building Inspector Initial (No. 1017BIII83632) (2017)
AHERA Building Inspector Refresher, DOSH Approval No. 011-06 (Certificate No. 0224BIR192920) (2024)
QED Certified for Advanced Auto Pump Operations and Maintenance (2016)
AutoCAD 3D Civil
Drilling Atop a Lined Landfill Certificate of Completion

## Professional Experience

Diego is a Project Manager with 9 years of experience in landfill gas (LFG) control and recovery and field work at landfills. His LFG experience includes LFG blower-flare station (BFS) design, design and installation of LFG collection systems, landfill dewatering systems, construction quality assurance (CQA), and preparation of as-built documentation and compilation of field notes, GCCS operations, GCCS maintenance, flare operations, flare maintenance, non-routine repair, and emergency call-out response. He has performed operation, maintenance, and monitoring (OM&M) of LFG systems at landfills in San Diego County and other sites in Southern California.

He has frequently managed communications with public and private clients, regulators, contractors, and vendors. He has been directly involved with work at several County of San Diego (County), City of San Diego (City), and Republic Services Inc. (RSI) sites. He has a comprehensive understanding of LFG projects, design and construction quality standards, construction management, compliance, permitting, environmental investigation and remediation. His project experience includes the following:

### Construction Quality Assurance

**Republic Services, Inc., 2022-2025 GCCS Expansion for Otay Landfill, Chula Vista, CA.** Diego managed, oversaw, and led CQA services. Provided CQA services and construction engineering support during the GCCS and de-watering system improvements; performed pre-construction and as-built surveys of vertical LFG wells and piping; and prepared the Construction Completion Report.

**Republic Services, Inc., 2022-2025 GCCS Expansion for Sycamore Landfill, Santee, CA.** Diego managed, oversaw, and led CQA services. Provided CQA services and construction engineering

support during the GCCS and de-watering system improvements; performed pre-construction and as-built surveys of vertical LFG wells and piping; and prepared the Construction Completion Report.

**City of San Diego, 2022-2024 Landfill Gas Recovery Improvements Project for Miramar Landfill, San Diego, CA.** Diego managed, oversaw, and led CQA services. Provided CQA services and construction engineering support during drilling and installation of vertical LFG extraction wells, GCCS construction and prepared the Construction Completion Report.

**County of San Diego, 2023-2024 Landfill Gas Recovery Improvements Project for Palomar Airport Road Landfill, Carlsbad, CA.** Diego managed, oversaw, and lead CQA services. Provided CQA services and construction engineering support during the GCCS improvements; performed pre-construction and as-built surveys of piping; and prepared the Construction Completion Report.

**Waste Management, Inc., 2024 GCCS Expansion for Rio Rancho Landfill, Rio Rancho, NM.** Diego managed, oversaw, and led CQA services. Provided CQA services and construction engineering support during drilling and installation of multi-stage completion vertical LFG extraction wells.

## Landfill Gas Design

**Republic Services, Inc., 2016-2025 De-watering and GCCS Expansion for Otay Landfill, Chula Vista, CA.** Diego was responsible for the design of vertical LFG extraction wells and associated header and lateral piping, and the design of the de-watering system and associated air supply and force main piping using AutoCAD.

**Republic Services, Inc., 2016-2025 GCCS Expansion for Sycamore Landfill, Santee, CA.** Diego was responsible for the design of vertical LFG extraction wells and associated header and lateral piping using AutoCAD.

**Republic Services, Inc., 2020-2025 5-Year GCCS Sequence Plans for Otay Landfill, Chula Vista, CA.** Diego was responsible for the design of 5-year GCCS plans; updating fill sequencing plans and analyses, including replacement of new vertical gas wells and laterals; development of construction quantities; and assisting in the preparation of construction cost estimates.

**City of San Diego, 2022-2024 GCCS Expansion for Miramar Landfill, San Diego, CA.** Diego was responsible for the design of vertical LFG extraction wells and associated header and lateral piping using AutoCAD

**City of San Diego, 2023 Landfill Condensate Sump 11 for Miramar Landfill, San Diego, CA.** Under project manager supervision, Diego was responsible for design and preparation of plans using AutoCAD.

**City of San Diego, 2022 North Miramar Knock-out Vessel for Miramar Landfill, San Diego, CA.** Under project manager supervision, Diego was responsible for design and preparation of plans using AutoCAD.

**City of San Diego, Aerated Static Pile Project for Miramar Landfill, San Diego, CA.** Under project manager supervision, Diego was responsible for design and preparing plans using AutoCAD.

**County of San Diego, Enclosed Flare and Blower System Replacement for Gillespie Landfill, San Diego, CA.** Diego was responsible for design and installation of a replacement enclosed flare and blower system at Gillespie Landfill using AutoCAD.

# RACHELLE HUBER

## Education

BS – Environmental Engineering, San Diego State University

## Specialty Certifications

40-hour HAZWOPER

## Professional Experience

As a Project Manager, Rachelle has experience in the Environmental field, having worked for Republic Services as an Environmental Manager, as well as at Newby Island and Sunshine Canyon Landfills. She has knowledge of environmental regulations and experience implementing routine inspections relating to air, water, solid waste, and material recovery/recycling. She also worked for Cornerstone Environmental Group as a gas systems design and CQA engineer.

Prior to joining SCS, her work experience included:

**Republic Services Inc., Sylmar, CA.** As an Environmental Manager, Rachelle had knowledge of environmental regulations, including those related to managing and implementing routine inspections on air, water, solid waste, and material recovery/recycling projects, as well as interactions regarding inspections with regulatory agency representatives. She supervised and interacted with landfill staff to monitor, operate, and maintained gas extraction and leachate systems. She would routinely report to state and local agencies to ensure continued compliance with site permits. She managed multiple capital projects, vendors, material purchase, and site operations concurrently, in addition to managing and implementing annual budget requirements for capital projects and expense accounts. She oversaw and worked with outside vendors handling environmental systems and made recommendations regarding vendor activities. Rachelle managed annual stormwater regulatory requirements from BMP implementation, BMP material purchase, stormwater reporting, and inspections. She performed and implemented annual budget requirements for capital projects and expense GL accounts.

**Cornerstone Environmental Group, LLC, Dublin, CA.** As a Staff Engineer, Rachelle analyzed landfill gas construction and other analytical reports, maps, drawings, environmental data, and aerial photographs. she prepared landfill gas (LFG) construction quality assurance (CQA) reports, as-built plan sets, landfill wellfield assessment reports, and landfill liquid level site assessment reports. She designed solid waste LFG systems, header systems, air and condensate forcemain systems, and leachate systems. She prepared 118 plans and 45-day letters in preparation for LFG construction projects, white assisting in updating the NSPS XXX and WWW GCCS Design Plans for eligible sites. She supervised and managed CQA projects, monitored progress during construction, and ensured conformance to engineering design plans, client standard operating procedures, site specifications, and construction and safety standards. She completed field work, including SEM monitoring, and checked compliance of flare stations, leachate containers, monitoring probes, and LFG wells, including managing and training new engineers.

# GLORYA YSABEL ESCOBAR, EIT

## Education

MS – Civil Engineering (Environmental), San Diego State University, 2024
BS – Environmental Engineering, University of California San Diego, 2018

## Specialty Certifications

Engineering-in-Training (EIT), 2018

## Professional Experience

As an Associate Professional, Glorya provides engineering/design support within the solid waste practice, focusing on landfill, landfill gas, and composting related to permitting and design, air quality and compliance support, construction, operation, and monitoring for private and municipal clients. Her professional experience includes environmental engineering consulting, research and field work, customer service, education, and affordable housing development.

Glorya's project experience is summarized below:

**Otay Landfill, Chula Vista, CA.** As Associate Professional, she drafted gas control and collection system (GCCS) expansion designs for the years 2024 and 2025. She also performed construction quality assurance (CQA) during construction of these designs and drafted the CQA reports. She assisted with the GCCS and liquid management system (LMS) designs for 5-Year Fill Sequence Plans for the years 2024 and 2025. She also drafted the CQA report for the GCCS expansion design for the 2024 Organics Facility.

**Sycamore Landfill, Santee, CA.** As Associate Professional, Glorya drafted GCCS expansion designs for the years 2024 and 2025. She also performed CQA during construction of these designs and drafted the CQA reports. She assisted with the GCCS design for 5-Year Fill Sequence Plans for the year 2024.

**Miramar Landfill, San Diego, CA.** As Associate Professional, she drafted GCCS expansion designs for the years 2024 and 2025. She also performed CQA during construction of these designs and drafted the CQA reports.

**Palomar Airport Road Landfill, Carlsbad, CA.** As Associate Professional, Glorya drafted the GCCS expansion designs for the year 2024. She also performed CQA during construction of these designs and drafted the CQA reports.

Prior to joining SCS, her work experience included:

**GHD Services, Inc. Contamination and Remediation Group, Phoenix, AZ.** Glorya served as a Staff Engineer. She collected groundwater samples at three Superfund sites using various collection methods, including HydraSleeve™ technology. She collected soil and soil gas samples for Phase II ESA reports and packaged and delivered them under chain of custody.

**Groundwork San Diego, San Diego, CA.** Glorya served as an Earthlab Program Assistant and Educator. She lead weekly STEAM (Science, Technology, Engineering, Art, and Mathematics) lessons for groups of 10 to 40 middle school students. She created physical and electronic teaching aids, using Canva and Google software, to facilitate learning for diverse student groups.

**Idea Tutors, San Diego, CA.** Glorya served as a Math, Chemistry, and Spanish Middle and High School Tutor. She created step-by-step tutorials tailored to her students' needs, which resulted in higher academic performance.

**Tandem Diabetes Care, Inc, San Diego, CA.** Glorya served as a Customer Technical Support Specialist. She troubleshot insulin pumps for 20+ clients a day, and thoroughly documented troubleshooting and supply orders in the customer relationship management (CRM) system.

**Community HousingWorks, San Diego, CA**. Glorya served as a CCRH Intern in Real Estate and Development. She provided planning support for multiple affordable housing projects in various construction phases. She prepared a project proposal for a new 71-unit affordable apartment community in the Southcrest neighborhood of San Diego and presented her project to a mock city council panel for review.

## Publications and Presentations

Escobar, G. Y., "Assessing the Capabilities of a Real-Time, Portable Fluorometer to Track Sewage Inputs in Urban Creeks," San Diego State University ProQuest Dissertations & Theses, 2024. 31765335.

# OMAR R. AGUILAR BARRAGAN, EIT

## Education

BS – Civil Engineering, Lamar University, 2020

## Professional Licenses

Registered Engineer-in-Training (EIT, Texas)

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120
Drilling Atop Lined Landfills
ES Academy
SCS Health and Safety Program and Requirements: Project and Site-Specific Health and Safety Plan Development and Preparation, Job Task Safety Analysis and Personal Protective Equipment Assessment, Lockout/Tagout Procedures, and Behavior Based Safety Process and Observer
SCS Standards of Business Conduct and Ethics

## Professional Experience

As a Staff Professional, Omar has 4 years of experience and has completed a broad range of projects involving permitting, facility design, construction-related services, regulatory compliance, and research. His work has included preparation of construction plans and technical specifications for landfill liner systems; preparation of construction plans and technical specifications for gas collection and control system (GCCS) expansions and initial systems installations; and development of designs for concrete and asphalt roadways, stormwater management systems, and retaining walls. These projects were located in California, Texas, New Mexico, Louisiana, and Oklahoma.

Details of the work are provided below.

**City of San Diego, Miramar Landfill, San Diego, CA.** 2024 GCCS Expansion Design (October 2024).

**Republic Services, Sycamore Landfill, Santee, CA.** 2024-2025 GCCS Expansion Design, CQA oversight (Drilling, Piping and As-built survey data gathering).

**Republic Services, Otay Landfill, Chula Vista, CA.** 2024-2025 GCCS Expansion Design, CQA oversight (Drilling, Piping and As-built survey data gathering). 2024 Compost Pad Construction CQA oversight for piping, contact water pond liner installation, and task management. 2024 Compost Pad Expansion Grading Revisions (January 2025).

**County of San Diego, Palomar Landfill, Carlsbad, CA.** 2023 Remediation Plans – Area 03 GCCS Upgrade design CQA oversight for pipe work and as-built survey data gathering.

**Republic Services, Keller Landfill, Pittsburg, CA.** 2025 GCCS Expansion Drilling and Piping CQA oversight and as-built survey data gathering (May 2025).

**City of Scottsdale, Salt River Landfill, Scottsdale, AZ.** 2025 Fill Sequencing Plans (June 2025).

**City of Tucson, Los Reales Landfill, Tucson, AZ.** 2025 Fill Plan (April 2025).

**Garfield County, Garfield County Landfill, Rulison, CO.** 2025 Permit Site Expansion – Stormwater Analysis (June 2025)

**City of Dallas, McCommas Bluff Landfill, Dallas, TX.** 10-Year Fill Sequencing plans (2022), Quarterly Airspace Analysis and Remaining Site Life(2021-2023), Cell 7A and 7B Liner Design (60 acres, 2023), and GCCS Planning (2021-2022).

**City of Waco, Landfill and Transfer Station (New Developments), Waco, TX.** Sector 1 Liner Design and Stormwater Management Design (23 acres, December 2023). Transfer Station Design and Stormwater Management Design (January 2024). City of Waco Landfill Scale House design (May 2024).

**North Texas Municipal Water District, Landfill, Dallas, TX.** Annual Airspace Analysis and Life of Site (2022-2024).

**City of Lawton, Landfill, Lawton, OK.** Cell 8 and 9 Liner and Stormwater Design (19.2 acres, March 2024)

**Seabreeze Energy Producers, Landfill, Freeport, TX.** 2022 GCCS Expansion (January 2022).

**Watse Connections Inc., Timberlane Landfill, Oakdale, LA.** 2021 GCCS Expansion (September 2021, Rev. January 2022).

# ALICIA KEOMANY, EIT

## Education

BS – Environmental Engineering, San Diego State University, 2020
AA – Mathematics, Mira Costa College , 2017

## Specialty Certifications

NCEES Registered Engineering-in-Training (EIT No. 172979)
RAPPORT Leadership Training Certification (No. 3072)

## Professional Experience

Alicia has 5 years of experience as a Project Engineer on engineering, procurement, and construction projects at landfills, dairy farms, and other solid waste sites. She prepares basis of design, permitting, and marketing documents, and has overseen procurement of materials, equipment, and services on engineering projects. She completes air quality and compliance reports related to the SCAQMD Air Permit Rule 1150.1, the LEA, and Title V; drafts designs for landfills and solid waste facilities; and conducts research and assessments for solid waste management assignments. In addition to her skill in project management, she is proficient in MS Project and MS Office programs, Wrike, AutoCAD, Bluebeam Revit and Civil3D.

Recent projects in which she has been involved include:

**Ventura Regional Sanitation Department (VRSD), Toland Road Landfill, LFG Collection System Expansion, Santa Paula, CA.** Designed vertical LFG extraction wells for the landfill in order to extract additional LFG available at the landfill. Prepared engineering plans and specifications for the project, provided project management services including preparation of bid package, bidding assistance and bid evaluation. Performed construction quality assurance (CQA) and construction management for the project.

**VRSD On Call Engineering and Operational Support, Ventura, CA.** Provide engineering support for four landfill sites (three closed and one active) operated by VRSD; assist in reviewing monthly LFG wellfield and collection data; advise on LFG wellfield tuning, LFG wellfield and collection system expansion, flare and microturbine operation, etc.

**County of Los Angeles, DWP-Owned Old Cogen Landfill, Rule 1150.1 Monitoring Plan Preparation and On-Call Engineering Services, Monterey Park, CA.** Prepared Rule 1150.1 Monitoring Plan for the LA DWP-owned portion of the old closed landfill in order to comply with South Coast Air Quality Management District (SCAQMD) requirements. Provided on-call engineering assistance to DWP for matters related to landfill LFG compliance.

**SCAQMD Compliance Reporting, Various Sites, CA.** Supervised and managed the O&M of various LFG-fired engines and microturbines sites (for power generation), and prepared several compliance reports for all energy sites in Southern California. These reports include Rule 1150.1 compliance reporting, Title V – quarterly, semiannual and annual reporting, Rule 1110.2 compliance plan and reporting, source test management and reporting, annual emissions reporting and Rule 431.1 reporting.

**VRSD Toland Road Landfill LFG Blower Design and Installation, Santa Paula, CA.** Engineering design, project management, construction management and commissioning of a new 4,000-scfm rated blower skid for the processing of LFG at VRSD owned Toland Road landfill.

**Design of LFG Mitigation Plan for 190th Street Landfill, Los Angeles, CA.** 190th Street Landfill is a closed landfill site that has been paved and is being used as a parking lot. Provided engineering support to identify sources of gas and remediate elevated methane levels. Prepared plans and coordinated project approval from local agencies.

**Frank R. Bowerman Landfill, Excavation and Fill Grading Plans, Orange County, CA.** Engineering design under supervision of senior engineers for future development and placement of refuse. Preparation of AutoCAD Civil 3D plans with airspace quantity calculations and modeling.

Prior to joining SCS, her work included:

**Biogas Engineering, Long Beach, CA.** As a Project Engineer, Alicia cross-collaborated with engineering teams to draft the basis of design, proposals, and permitting documents for RNG projects all across the United States. She oversaw the procurement of materials, equipment, and services. She reviewed submittals and shop drawings for compliance with contract documents, and coordinated submittals between subcontractors.

As a Project Manager, she was adept at managing Requests for Information (RFIs), purchase orders, and change orders. She led and facilitated cross-functional meetings across multiple projects in excess of $30M. She assisted Senior Project Managers with engineering, procurement, and construction (EPC) projects for various sites involving the supply of customized equipment to upgrade landfill gas (LFG) to pipeline-grade renewable natural gas (RNG). She has familiarity in Procore tools and has managed deliverables in a timely manner internally, between subcontractors, and clients.

As an Environmental Engineer and under the oversight of senior engineers, Alicia drafted CAD drawings for pipelines and gas collection systems for landfills and dairy farms. She provided technical writing for compliance reports (SCAQMD Air Permit Rule 1150.1, LEA, Title V). She was an on-site construction manager for new projects and participated in operations and maintenance (O&M) compliance reporting at active and closed landfills.

**Tetra Tech, Diamond Bar, CA.** As an Environmental Engineer, Alicia drafted designs for landfills and solid waste facilities in AutoCAD Civil 3D; she conducted research and assessments for solid waste management both in the United States and internationally. She has field, CM, and PM experience and worked directly on site with clients and field operators during active construction.

# JONATHAN LEE

## Education

BS – Civil Engineering, San Diego State University [*In Progress*]

## Professional Affiliations

American Society of Civil Engineers (ASCE)

## Professional Experience

Jonathan is an Intern Engineer at SCS with a growing background in civil and environmental engineering. He provides technical and drafting support on landfill engineering and gas system projects. His experience includes AutoCAD Civil 3D and Plant 3D design, site inspections, quality assurance, and stakeholder engagement. He applies his skills in infrastructure layout, gas system modeling, and design documentation, contributing to high-performing project teams and effective project delivery. He is proficient in AutoCAD, Autodesk Civil 3D, Plant 3D, Inventor, ArcGIS Pro, Microsoft Office (Excel, Word, PowerPoint).

For the City of San Diego's Sycamore Landfill, he:

- Developed landfill gas system and engineering site plans using AutoCAD Civil 3D for City of San Diego landfill facilities.
- Enhanced a central blower station design using AutoCAD Plant 3D to improve 3D model clarity and project coordination.
- Conducted on-site construction inspections and supported QA/QC, helping to reduce material waste.
- Delivered internal presentations to over 20 interns on project results, emphasizing design workflow improvements and lessons learned.
- Led a team tutorial session on AutoCAD Plant 3D, improving group proficiency and efficiency.

# JAMES J. KIM

## Education

BS – Environmental Biology and Management, University of California, Davis, 2008

## Specialty Certifications

Occupational Safety and Health Administration (OSHA) Hazard Waste Operations Emergency Response (HAZWOPER) 40-Hour and 8-Hour Refresher Training

## Professional Experience

James is a project professional with 17 years of experience involving air quality compliance and permitting, greenhouse gas (GHG) inventories, air monitoring at landfills, and environmental compliance. His work at SCS includes preparation of annual GHG reports, annual Landfill Methane Rule (LMR) reports under Assembly Bill (AB) 32, Title V permit applications, permit renewals, landfill gas collection and control system (GCCS) design plan updates, annual emission reports, emission inventories, New Source Performance Standards (NSPS) and Startup, Shutdown, and Malfunction (SSM), and National Emission Standards for Hazardous Air Pollutants (NESHAP) compliance reports. His project experience is summarized below.

### Landfill

**City of San Diego, CA.** James prepared GCCS design plans, Higher Operating Value (HOV) demonstrations, GHG monitoring plans, annual AB 32 LMR and MRR GHG reports for North Miramar, South Chollas, and West Miramar Landfills in California. He prepared permit applications for the West Miramar Landfill, as well as Semi-Annual NSPS/NESHAP/SSM/Title V reports for North Miramar, West Miramar, and South Miramar Landfills.

**San Diego County, CA.** James prepared Title V renewals, semi-annual NSPS/NESHAP, SSM and Title V reports, and the annual AB 32 LMR and annual MRR GHG reports for San Marcos Landfill; the annual AB 32 LMR for Bonsall Landfill; the annual AB 32 LMR for Encinitas Landfill; and the annual AB 32 LMR for Jamacha Landfill, all in California. He provided annual GHG reporting for emissions inventory requests and annual reports for the following County landfills in California: Bell Jr., Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar Airport, Poway, San Marcos, and Valley Center. Lastly, he reviewed air permit requirements for Bell Jr. and Hillsborough Landfills.

**Watson-Ascon Landfill, Carson, CA.** James prepared Annual Emissions Reports (AERs) for the Watson-Ascon Landfill.

**Montauk Energy, CA.** James prepared air quality permit applications and an alternative sulfur monitoring plan for the Frank R. Bowerman (FRB) Landfill GCCS.

**Ameresco, Inc.** James prepared permit applications at Chiquita Canyon Landfill, Risk Management Plan (RMP) exemption letters, and construction air permitting applications for the Johnson Canyon Landfill, and provided air permitting revisions for the Foothill Landfill, all in California.

**Waste Management, Inc. (WM).** James prepared permits for construction, Title V permit applications, treatment exemption applications, flare and engine permitting applications/ modifications, sulfur treatment applications, exemption applications for engines, permit modifications for Best Available Control Technology (BACT), multi-location permit applications, annual and semi-annual NSPS/NESHAP compliance reports, annual Title V reports, annual compliance reports, AB 32 Landfill Methane Rule (LMR) modification letters, Title V permit renewals, GHG assessments, GCCS design plan permit modifications and updates, air modeling for landfill gas-to-energy (LFGTE) permits, annual Rule 1150.1 compliance plans and surface emission monitoring (SEM) plans, AB 32 GCCS modification permit applications, comprehensive emission inventory reporting, California Environmental Quality Act (CEQA) offset reports, Annual Emission Reporting (AER) variance reports, Annual 8-34 reports, annual mandatory reporting regulation (MRR) GHG reports, monthly tracking sheets, emission inventory reports, and condensate applications for various WM sites: Lockwood, Simi Valley, Columbia Ridge, Lancaster, El Sobrante, Antelope Valley, Bradley, Oyster Bay, Riverbend, Gray Wolf, Painted Desert, Northwest Regional, Butterfield, Rio Rancho, Marana, Dudleyville, Sierra Estrella, San Juan, Ironwood MSW/Non-MSW Landfills, Valencia.

**Republic Services, Inc., CA.** James prepared annual and semi-annual NSPS, SSM, and Title V reports for Azusa, Imperial, Otay, Sunshine Canyon, Sunrise, Apex Regional, and Sycamore Landfills in California. He also prepared AER reports, annual AB 32 LMR reports, annual MRR GHG reports, Higher Operating Value reports, breakdown/variances, NESHAP extension letters, GCCS Design Plan Updates, permit applications, expansion evaluations, and NESHAP Notification letters for various Republic sites.

**San Bernardino County, CA.** James prepared annual and semi-annual NSPS/NESHAP and SSM reports for Mid-Valley, Milliken, San Timoteo, and Big Bear Landfills in California. He also prepared quarterly, Annual Rule 1150.1 reports, and MRR GHG reports for Barstow, Colton, Heaps Peak, Mid-Valley, Milliken, San Timoteo, and Victorville Landfills. In addition, he prepared the AER reports for Mid-Valley and comprehensive emissions inventory reporting for Victorville, Landers, and Twenty-Nine Palms. He prepared the condensate/leachate Title V modification for San Timoteo Landfill. He prepared engine permit applications and Rule 1118.1 Notifications for San Timoteo and Mid-Valley Landfills. He also prepared the Semi-Annual NMOC reports for Barstow Landfill and the Annual NMOC Report for Hesperia Landfill.

**City of Palo Alto, CA.** James prepared a Heat Input Capacity (HIC) report, annual AB 32 LMR report, and semi-annual NSPS, SSM, and Title V reports for the City of Palo Alto.

**Flathead County, CA.** James prepared a GHG monitoring plan and annual MRR GHG reports for Flathead Landfill in California.

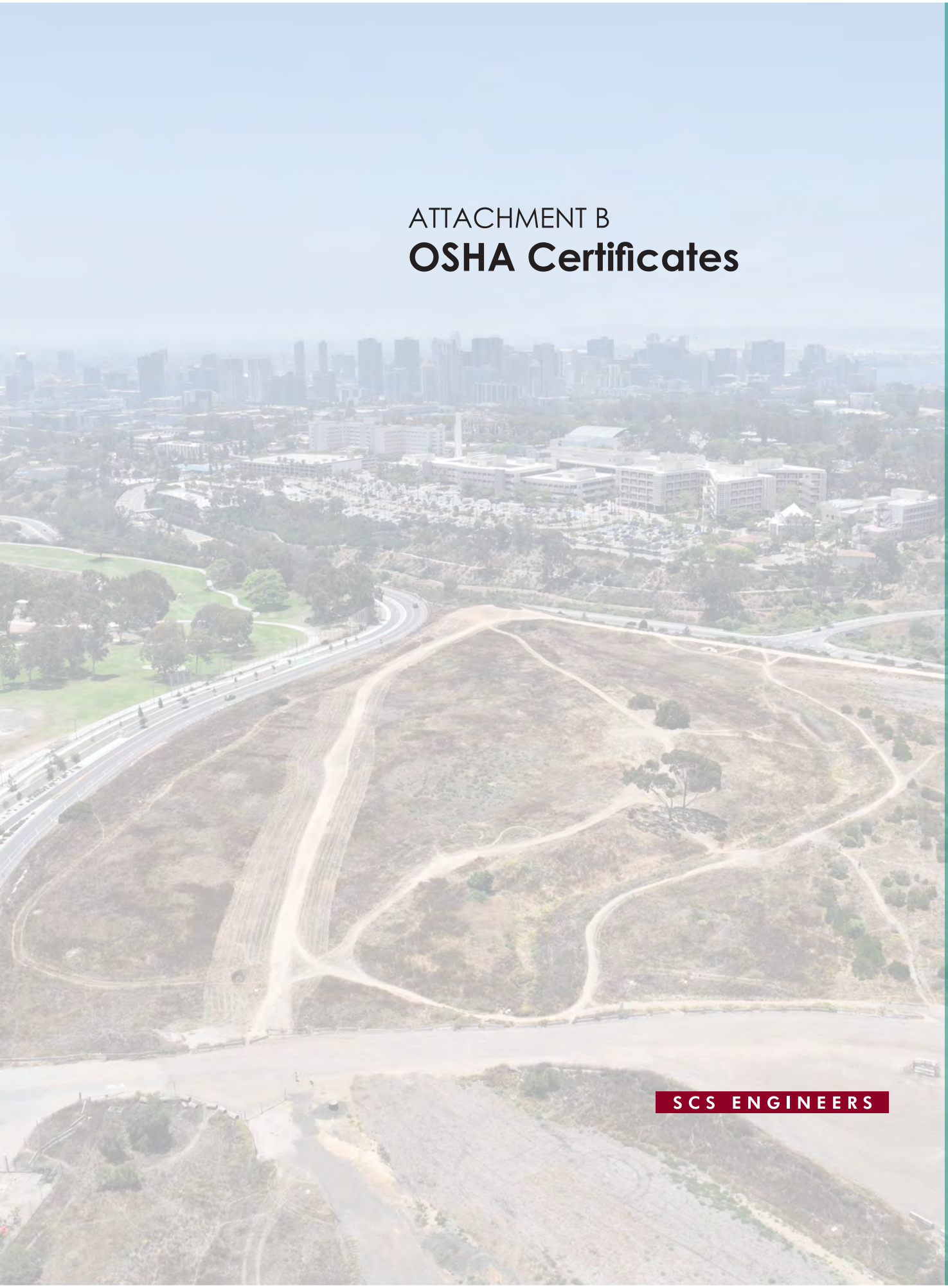
**Fresno County, CA.** James prepared an HIC, an annual AB 32 LMR, an annual MRR GHG report, semi-annual NSPS, SSM, and Title V reports, a Title V renewal application, and a GCCS design plan for American Avenue Landfill in California. He also prepared an HIC, a closure notification, and AB 32 and GHG applicability for Coalinga Landfill in California; and a SEM work plan, an HIC, AB 32 exemption letters, a Waste-in-Place Report, and an Authority to Construct (ATC) Application for Southeast Regional Landfill in California.

**Kern County, CA.** He prepared Title V renewal applications for Taft, China Grade, and Bena Landfills.

**Waste Connections, LLC.** James prepared Chiquita Landfill's Semi-Annual NSPS/NESHAP/SSM, Title V and Annual Title V Reports, GHG MRR Reports, Annual Rule 1150.1 Reports, Title V modification for HOV wells, AER reports, GCCS design plans, Title V revisions, Title V renewal, sulfur treatment plan permit application, engine permit application, leachate tank permit application, and Rule 1118.1 notification.

ATTACHMENT B

# OSHA Certificates



SCS ENGINEERS

ATTACHMENT B
OSHA Certificates

G. Petoyan

CERTITICATE OF TRAINING

**Galen S. Petoyan**

---

*has successfully completed a course of instruction for*

## Health and Safety

## 40-Hour Health and Safety Training Program for Hazardous Waste Site Activities

**SCS ENGINEERS**
Environmental Consultants
Phoenix, Arizona

**Date** November 16, 1991 **Instructor** _____
**Charles Monroe**

B. Duffy

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Brian Duffy

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 12/01/2024

SCS FIELD SERVICES

# Certificate of Training for 16-Hour Confined Space Hazards & Rescue

*This is to certify that the following individual has been trained in accordance with OSHA Standards for General Industry 29 CFR 1910.146 Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.*

**Brian Duffy**

Instructor: Kenneth Kampfen
**Health & Safety Specialist**

Date: May 20, 2010

PAGE 04/04
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09/25/2008 10:41

ENVIRONMENTAL TRAINING AND COMPLIANCE

# CERTIFICATE OF COMPLETION

## 40-HOUR HAZARDOUS WASTE WORKERS' & 24-HOUR FIRST RESPONDERS – OPERATIONS LEVEL HEALTH & SAFETY TRAINING

# Brian Duffy

Has successfully completed ETAC's Health and Safety Training course, satisfying the OSHA Hazardous Waste Operations and Emergency Response Standards [29 CFR 1910.120(e), (q)(6)(ii); and 8 CCR 5192(e), (q) (6) (B)].

Class Date: July 21-24 2008
Expiration Date: July 24 2009
Certificate # 28310-1

Joseph T. Thompson, MPH

2111 W Crescent Ave, Suite B • Anaheim, CA 92801 • Phone: 800-949-4473

PAGE 04/04
ROBERTKAUFFMA
7149781468
09/25/2008 10:41

ENVIRONMENTAL TRAINING AND COMPLIANCE

# CERTIFICATE OF COMPLETION

## 40-HOUR HAZARDOUS WASTE WORKERS' & 24-HOUR FIRST RESPONDERS – OPERATIONS LEVEL HEALTH & SAFETY TRAINING

# Brian Duffy

Has successfully completed ETAC's Health and Safety Training course, satisfying the OSHA Hazardous Waste Operations and Emergency Response Standards [29 CFR 1910.120(e), (q)(6)(ii); and 8 CCR 5192(e), (q) (6) (B)].

Class Date: July 21-24 2008
Expiration Date: July 24 2009
Certificate # 28310-1

Joseph T. Thompson, MPH

2111 W Crescent Ave, Suite B • Anaheim, CA 92801 • Phone: 800-949-4473

J. Santos

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Joe Santos***

has successfully completed the training requirements satisfying the OSHA Standards for General Industry Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.

**16-Hour Confined Space Hazards & Rescue**
29 CFR 1910.146 and 8 CCR 5157

Instructor: Ken Kampfen
Regional Health & Safety Specialist

Class Date: May 24, 2016

*Student Affiliation:*
*SCS Field Services*
*9812301*

Compliance Solutions
*"Today's Training...Tomorrow's Solution"*

3980 Quebec St., 2nd Floor, Denver CO 80207-1633 800-711-2706

# *Certificate of Completion*

This is to certify that

## *Joseph Santos*

has been tested and successfully meets the training requirements for

***40-Hour HAZWOPER***
***as per 29 CFR 1910.120(e)***

Presented

***Friday, December 06, 2013***

***Compliance Solutions Occupational Trainers, Inc.***

*Certificate Number:* 754872647

Neval Gupta
***Vice President***

Jeffrey Kline
***President***

# EMERGENCY FIRST RESPONSE®

Primary Care/ Secondary Care

Care For Children

CPR & AED

EFR Instructor

EFR Instructor Trainer

EMERGENCY first response®

Maintain your confidence to care by refreshing your skills every 24 months.



Creating Confidence to Care®



**Attached you will find your new EFR® recognition card.**

Please take a moment to check the card for accuracy. To correct any discrepancies or should you need a replacement, contact the issuing office or log on to emergencyfirstresponse.com.

EMERGENCY first response®

**JOSEPH SANTOS**

**STUDENT NO 15120E5188**
**BIRTHDATE 15-Jul-1981**
**COMPLETED 15-Dec-2015**
**INSTR.NO. EFR-345678**
**SUZANNE M. STURGEON**

This individual has successfully completed an Emergency First Response course that follows current guidelines for emergency patient care.

Emergency First Response Corp.
30151 Tomas, Rancho Santa Margarita, CA 92688
www.emergencyfirstresponse.com
Refresh your skills every two years.

**Retain this portion for your records.** **EFRA**

Should you lose your completion card, a replacement may be ordered online at emergencyfirstresponse.com or by calling the issuing office.

STUDENT NO : **15120E5188**
BIRTHDATE : **15-Jul-1981**
CERT. DATE : **15-Dec-2015**
INSTR. NO : **EFR-345678**

**SUZANNE M. STURGEON**

**This is NOT a certification card**

TRAINED BY:

**I345678** EFRA
JOSEPH SANTOS
728 SAINT GEORGE DR
EL CAJON, CA 92019

Issued by PADI Americas

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Joseph Santos

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/23/2025

S. Ripplinger

# ABIH®

## american board of industrial hygiene®

organized to improve the practice of industrial hygiene
proclaims that

# *Sandra Dawn Ripplinger*

having met all requirements of
education, experience and examination, and
ongoing maintenance,
is hereby certified in the

**COMPREHENSIVE PRACTICE**
of
**INDUSTRIAL HYGIENE**

and has the right to use the designations

**CERTIFIED INDUSTRIAL HYGIENIST**

## CIH

| | |
|---|---|
| **Certificate Number** | **7697 CP** |
| **Awarded:** | **June 19, 1998** |
| **Expiration Date:** | **December 1, 2023** |




Chair, ABIH

Chief Executive Officer, ABIH

ABIH
american board of industrial hygiene®

6005 West St. Joseph, Suite 300 Lansing, Michigan 48917 **P:** (517) 321-2638 **F:** (517) 321-4624 **E:** abih@abih.org

August 7, 2018

Sandra Dawn Ripplinger, CIH
1272 Anamarie Lane
Henderson NV 89002

Dear Ms. Ripplinger,

Your CM worksheet review has been completed and I am pleased to inform you that your professional activities have fulfilled the Board's requirements for recertification. Your new certificate is enclosed.

Your next CM cycle runs from 7/1/2018 to 6/30/2023.

Please remember that ABIH CM cycle reminders will reach you only if we have accurate contact information. It is important to update your postal address, phone number, or email address as needed at *My Account* on the ABIH web site. Your ABIH ID# is: **10851**.

The Board appreciates your continued professional service and support of its programs.

Sincerely,

Pamela J. Trim

Pamela J. Trim
Support Specialist
517-853-5763
ptrim@abih.org

# The Board for Global EHS Credentialing® (BGC®)

through its vested authority hereby confirms that

## Sandra Ripplinger

has met all applicable requirements such as education, experience, examination, and on-going maintenance, set forth through the BGC's American Board of Industrial Hygiene® (ABIH®) credentialing division for certification in Comprehensive Industrial Hygiene Practice and is thereby conferred the credential of

## Certified Industrial Hygienist® (CIH®)

The aforenamed individual is given all rights, privileges, and responsibilities as both a diplomate of the BGC and holder of this credential, provided that it is neither suspended nor revoked and is renewed annually. Moreover, the holder must meet all recertification requirements, including the obligation to practice ethically as prescribed by the BGC.

Certification Number: CIH-CP 7697
Award Date: Jun 19, 1998
Expiration Date: Dec 01, 2028

Joseph B. Cotier, CPEA
Chair of the Board of Directors

J. David Rozsa, FASAE, CAE, ICE-CCP
ACA Executive Director

Scan QR code or visit GoBGC.org/Verify for information.

# STATE OF NEVADA
## DEPARTMENT OF BUSINESS AND INDUSTRY
### DIVISION OF INDUSTRIAL RELATIONS
**Occupational Safety and Health Administration**
**Asbestos Control Program**

Certifies That Sandra Ripplinger

is Licensed As Asbestos Abatement Consultant

License No. IJPM-25 Expiration Date 03/29/2019

Signature Of Licensee Sandra Ripplinger

# STATE OF NEVADA
## DEPARTMENT OF BUSINESS AND INDUSTRY
### DIVISION OF INDUSTRIAL RELATIONS
**Occupational Safety and Health Administration**
**Asbestos Control Program**

Certifies That Sandra Ripplinger

is Licensed As Asbestos Abatement Consultant

License No. IJPM-25 Expiration Date 02/11/2023

Signature Of Licensee Sandra Ripplinger

**STATE OF NEVADA**
**DEPARTMENT OF BUSINESS AND INDUSTRY**
**DIVISION OF INDUSTRIAL RELATIONS**
LC **Occupational Safety and Health Administration**
**Asbestos Control Program**

Certifies That Sandra Ripplinger

is Licensed As ~~Asbestos Abatement~~ Consultant

License No. IJPM-25 Expiration Date 03/21/2024

Signature Of Licensee Sandra Ripplinger

# United States Environmental Protection Agency

## This is to certify that



Sandra Dawn Ripplinger

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

## In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires June 20, 2019

LBP-R-403-1

Certification #

April 29, 2016

Issued On

Adrienne Priselac, Manager, Toxics Office

Land Division

# Board of Certified Safety Professionals

Upon the recommendation of the
Board of Certified Safety Professionals,
by virtue of the authority vested in it,
has conferred on

## Sandra D Ripplinger

the credential of

## Certified Safety Professional

and has granted the title as evidence of meeting the qualifications and passing the required examination so long as this credential is not suspended or revoked and is renewed annually and meets all recertification requirements.

CSP

BOARD OF CERTIFIED SAFETY PROFESSIONALS

November 2, 2011
DATE ISSUED

22645
CERTIFICATION NUMBER

BOARD PRESIDENT SIGNATURE

BOARD SECRETARY SIGNATURE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

June 14, 2022

Sandra Ripplinger

1272 Anamarie Lane
Henderson, NV 89002

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Dear Sandra Ripplinger:

Thank you for applying to the U.S. Environmental Protection Agency (EPA) for certification to conduct Lead-based Paint Activities in target housing and child-occupied facilities. I am pleased to inform you that, pursuant to 40 CFR Part 745, Subpart L, you are certified as an EPA **Risk Assessor in All EPA Administered States, Tribes, and Territories**. Your certificate is enclosed and serves as your proof of certification (Please note: EPA no longer issues individual identification cards for certified individuals).

This certification **expires on June 20, 2025 and is valid in All EPA Administered States, Tribes, and Territories**. However, if any State, Territory, or Indian Tribe obtains program authorization at any time during the term of your accreditation, your accreditation will no longer be valid in the newly authorized jurisdiction.

Your EPA individual certification is subject to the following:

1) Certification pertains only to the specific discipline, jurisdiction, and individual listed above that performs or offers to perform the associated lead-based paint activities within the scope of the discipline described in 40 CFR 745.223 and 40 CFR 745.227 pursuant to Section 402 of the Toxic Substances Control Act (TSCA)(15 U.S. C. 2682).

2) EPA certification does not mean that a State, Territory or Indian Tribe with its own certification program must accept or recognize an EPA certification. Individual States, Territories, and Indian Tribes, whether authorized or not, have the right to accept or reject any certification under their own authority. Please be aware that your EPA certification does not relieve you of any obligations that you may otherwise have to any authorized or unauthorized State, Territory, or Indian Tribe to obtain licensure or certification from that State or Indian Tribe under its statutory or regulatory requirements relating to lead-based paint activities.

3) The EPA may conduct audits and/or inspections to ensure continued compliance with its regulatory standards.

If you have questions or need assistance, please contact the Regional Lead Coordinator, Nancy Kain, of the EPA Region 9 staff at 415-947-4280 and refer to **Application ID number I807255**. Congratulations, and thank you for your interest in being certified to conduct lead-based paint services.

Sincerely,

Adrienne Priselac, Manager, Toxics Office
Land Division

Enclosures

# United States Environmental Protection Agency

## This is to certify that



Sandra Dawn Ripplinger

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

## In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires June 20, 2025

LBP-R-403-3

Certification #

June 14, 2022

Issued On

Adrienne Priselac, Manager, Toxics Office

Land Division

J. Vivirito

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Jacob Vivirito

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 03/28/2025

G. Gutierrez

SCS FIELD SERVICES

# Certificate of Training for
# 16-Hour Confined Space Hazards & Rescue

*This is to certify that the following individual has been trained in accordance with OSHA Standards for General Industry 29 CFR 1910.146 Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.*

## George Gutierrez

Instructor: Kenneth Kampfen
**Health & Safety Specialist**

Date: May 20, 2010

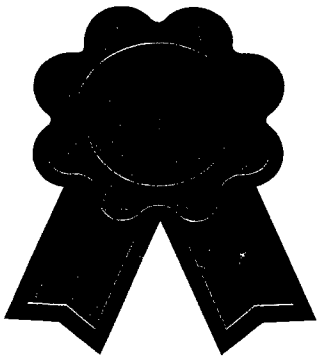
# Certificate of Completion

This is to certify that

*George Gutierrez*

Has successfully completed training in the proper shipment of flammable gases. This training augments information presented in 40 hour HAZWOPER training and 8 hour HAZWOPER refresher training as required by 29 CFR 1910.120, and is intended to satisfy the requirements of 49 CFR 171-180 and U.S. Department of Transportation HM-181 for the shipment of dangerous goods.

This certificate is valid for a period of 3 years from the date of completion.



Presented
April 24, 2006

**SCS Engineers**

Craig Cissell
Compliance Auditor

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Jorge Jimenez Gutierrez

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/15/2025

# Electrical Troubleshooting
## *& Preventative Maintenance*

May 26-27, 2010

# *George Gutierrez*

.08 American Trainco Continuing Education Units (8 Classroom Hours)

American Trainco

MTAA Approved

Jol
Pre
American Trainco, Inc.

1-877-97-TRAIN or www.AmericanTrainco.com
P.O. Box 3397 - Englewood, CO - 80155 Ph. (303) 531-4560 - Fax (303) 531-4565

C. Salmons

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Chad Salmons

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 05/31/2023

SCS FIELD SERVICES

# Certificate of Training for 16-Hour Confined Space Hazards & Rescue

*This is to certify that the following individual has been trained in accordance with OSHA Standards for General Industry 29 CFR 1910.146 Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.*

## Chad Salmons

Instructor: Kenneth Kampfen
**Health & Safety Specialist**

Date: June 17, 2010

Environmental Consultants
and Contractors

3900 Kilroy Airport Way
Suite 100
Long Beach, CA 90806-6816

562 426-9544
FAX 562 492-6210
www.scsfieldservices.com

**SCS FIELD SERVICES**

March 6, 2017
File No. 90000017.07

To Whom It May Concern:

Subject: Chad Salmons
40 Hr. Hazardous Waste Operations and Emergency Response (HAZWOPER) Certification (Equivalent)

To Whom It May Concern:

Chad Salmons has been an employee at SCS since 10/24/2005. Chad completed his 40-hr HAZWOPER training on 4/26/1999 however, unfortunately, SCS does not have a copy of this certificate on file. Chad has maintained his 8-hr HAZWOPER refresher certification since his initial training in 1999.

I would like to personally assure you that Chad receives substantial training each year that addresses and reaffirms his initial 40-hour training. I am providing you several pieces of documentation to support this assertion.

During the last nine plus years, SCS Engineers has engaged in an elevated Health & Safety Program that includes both awareness and technical training. In 2008, we developed a robust internal training program that meets and exceeds all relevant components of HAZWOPER (Hazard Communication, General H&S Plan Guidelines, Medical Surveillance, Hazard Recognition, Respiratory Protection, PPE, Decontamination, Excavations, Confined Spaces, Air Monitoring, Site Emergencies & Emergency Response Procedures, and Compressed Gas Cylinders). Over the course of each year, our field employees attend approximately 20 hours of Health & Safety training (roughly 2 hours each month) designed to address these hazards as they specifically relate to the work SCS does in the field. This training qualifies him for his 8-hour HAZWOPER refresher certification, which SCS issues to him each year in May. Our trainers & training developers are OSHA authorized in both Construction and General Industries, and have previously worked in the solid waste industry as technicians, superintendents and project managers.

I am attaching for your review a copy of our internal training matrix showing the schedule of training provided each year, as well as a copy of Chad's training record for the last 12 months. Please accept these documents as my assertion that Chad is qualified per your request.

Please feel free to contact me with any questions regarding Chad's training or SCS's training program. I am happy to review any specific concerns.

Sincerely,



Suzanne Sturgeon, CSMS
Health & Safety Manager
**SCS FIELD SERVICES**

sms

Enclosures

# Heat Fusion Equipment (HFE) Operators Qualification Certificate

ISCO Industries, Inc. is issuing this Qualification Certificate to:

| HFE Operator Name | Chad Salmons |
|---|---|

For successful completion of training, assessment and qualification based on the requirements of
ASTM F3190-21 and following the Practice ASTM F2620-20 utilizing MMI McElroy heat fusion equipment for:

- **Butt Fusion**
  - Hydraulic Mid-Range (sizes of 2" – 20" IPS)
  - Performance Examination (hydraulic butt fusion) with a data recording device conforming to ASTM F3124

| | |
|---|---|
| **HFE Operator Certificate Number** | 20231505 |
| **Qualification Issued Date** | 4/18/2023 |
| **Qualification Expiration Date**<br>(Expiration shall be two years from issuance date) | 4/18/2025 |

# Electrical Troubleshooting
## *& Preventative Maintenance*

May 26-27, 2010

# *Chad Salmons*

.08 American Trainco Continuing Education Units (8 Classroom Hours)

American Trainco

MTAA Approved

Jol
Pre
American Trainco, Inc.

1-877-97-TRAIN or www.AmericanTrainco.com
P.O. Box 3397 - Englewood, CO - 80155 Ph. (303) 531-4560 - Fax (303) 531-4565

A. Gonzalez

# NATIONAL ENVIRONMENTAL TRAINERS

## Certificate of Completion

*Alberto Gonzalez*

has satisfactorily passed an exam and completed a 40-hour training course entitled

**40 Hour HAZWOPER 1910.120 (e)**

meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations). This course has been awarded 6.68 Industrial Hygiene CM Points by the American Board of Industrial Hygiene-Approval Number 13334. This course is also eligible for 4 Continuance of Certification (COC) points from the Board of Certified Safety Professionals.

**Completion Date: 08/10/2020**

**Certificate Number: 123788**

Amy Bonilla

Vice President

Paul J. Colangelo

Training Facilitator

NATIONAL ENVIRONMENTAL TRAINERS Inc.®

www.nationalenvironmentaltrainers.com

11635 Northpark Dr, Suite 360, Wake Forest, NC 27587

The Official Site of Environmental Health & Safety Training®

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Alberto Gonzalez

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/11/2024

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Alberto Gonzalez***

has successfully completed training requirements satisfying the OSHA Standards for General Industry Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.

**16-Hour Confined Space Hazards & Rescue**
29 CFR 1910.146 and 8 CCR 5157

Instructors: Brian Morrison – Region H&S Specialist

Class Date: 4/4/2021

R. Orozco

# NATIONAL ENVIRONMENTAL TRAINERS

Certificate of Completion

*Roberto Orozco*

has satisfactorily passed an exam and completed a 40-hour training course entitled

**Hazardous Waste Operations and Emergency Response**

meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations). This course has been awarded 6.68 Industrial Hygiene CM Points by the American Board of Industrial Hygiene-Approval Number 13334. This course is also eligible for 3.33 Continuance of Certification (COC) points from the Board of Certified Safety Professionals.

Signature of Instructor




NATIONAL ENVIRONMENTAL TRAINERS Inc. ®

01/17/2019

Certificate Number: 687243

www.nationalenvironmentaltrainers.com

Clay A. Bednarz, MS, RPIH

The Official Site of Environmental Health & Safety Training®

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Roberto Orozco***

**has successfully completed Class 7 Forklift Operator Training**
In compliance with 29 CFR 1910.178(I)(1)

Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

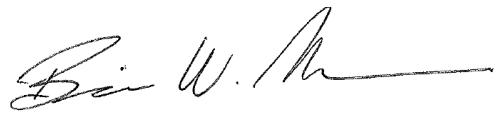
SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Roberto Orozco***

**has successfully completed**
**Heavy Equipment Operator Training for**
In compliance with 29 CFR 1910.178 (1)



Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Roberto Orozco***

has successfully completed training requirements satisfying the OSHA Standards for General Industry Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.

**16-Hour Confined Space Hazards & Rescue**
29 CFR 1910.146 and 8 CCR 5157

Instructors: Brian Morrison – Region H&S Specialist

Class Date: 4/4/2021

J. Espinoza

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Jesus Espinoza***

**has successfully completed Class 7 Forklift Operator Training**
In compliance with 29 CFR 1910.178(I)(1)

Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

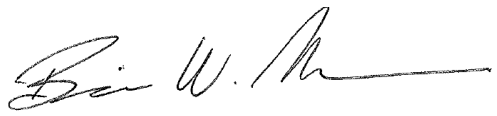
SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Jesus Espinoza***

**has successfully completed**
**Heavy Equipment Operator Training for**
In compliance with 29 CFR 1910.178 (1)



Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Jesus Espinoza

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/12/2024

G. Zeidler

# Transcript for Garrett Zeidler 2025-06-11

### Details

| Name | Email Address |
|---|---|
| Garrett Zeidler | gzeidler@scsengineers.com |

### Credits

**52.43**
General

**5.49**
Health and Safety

### Badges

### Competencies

| Competency Name | Level | Category | Expires |
|---|---|---|---|
| Wellfield Monitoring and Tuning (Republic Services SOP) | 1 | Republic Services | |

### Certificates

| Course Name | Valid From | Expires |
|---|---|---|
| 2022 8-Hour HAZWOPER Refresher | 2022-01-20 04:28 PM | 2023-01-20 04:28 PM |
| 2023 8-Hour HAZWOPER Refresher | 2023-05-03 10:35 AM | |
| Dangerous Goods Shipping | 2023-05-10 06:25 PM | 2025-05-10 06:25 PM |
| HAZWOPER 8-Hour Refresher | 2024-01-24 02:03 PM | 2025-01-24 02:03 PM |
| SCS Ethics Instructor Led Sessions (2022) | 2022-08-01 08:30 AM | |
| SCS Ethics Instructor Led Sessions (2023) | 2023-08-07 08:30 AM | |
| SCS Ethics Annual Training | 2024-08-13 09:30 AM | |

### Online and Instructor Led Course Enrollments

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202107 OMM TeleTailgate for July 2021 (ILC) | Complete | 0.5 | 100 | 2021-07-21 01:30 PM | 0d 0h 0m 0s |
| 202108 OMM TeleTailgate for August 2021 (ILC) | Complete | 0.5 | 100 | 2021-08-02 11:30 AM | 0d 0h 0m 0s |
| 202109 OMM TeleTailgate for September 2021 (ILC) | Complete | 0.5 | 100 | 2021-09-07 08:30 AM | 0d 0h 0m 0s |
| 202110 OMM TeleTailgate for October 2021 (ILC) | Complete | 0.5 | 100 | 2021-10-21 01:30 AM | 0d 0h 0m 0s |
| 202111 OMM TeleTailgate for November 2021 (ILC) | Complete | 0.5 | 100 | 2021-11-01 08:30 AM | 0d 0h 0m 0s |
| 202201 OMM TeleTailgate for January 2022 (ILC) | Complete | 0.5 | 100 | 2022-01-03 08:30 AM | 0d 0h 0m 0s |
| 202202 OMM TeleTailgate for February 2022 (ILC) | Complete | 0.5 | 100 | 2022-03-15 11:48 AM | 0d 0h 0m 0s |
| 202203 OMM TeleTailgate for March 2022 (ILC) | Complete | 0.5 | 100 | 2022-03-07 03:30 AM | 0d 0h 0m 0s |
| 202204 OMM TeleTailgate for April 2022 (ILC) | Complete | 0.5 | 100 | 2022-04-12 05:30 AM | 0d 0h 0m 0s |
| 202205 OMM TeleTailgate for May 2022 (ILC) | Complete | 0.5 | 100 | 2022-05-02 08:30 PM | 0d 0h 0m 0s |
| 202206 OMM TeleTailgate for June 2022 (ILC) | Complete | 0.5 | 100 | 2022-06-14 09:30 AM | 0d 0h 0m 0s |
| 202207 OMM TeleTailgate for July 2022 (ILC) | Complete | 0.5 | 100 | 2022-07-05 08:30 AM | 0d 0h 0m 0s |
| 202209 OMM TeleTailgate for September 2022 (ILC) | Complete | 0.5 | 100 | 2022-09-13 09:30 AM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202210 OMM TeleTailgate for October 2022 (ILC) | Complete | 0.5 | 100 | 2022-10-03 08:30 AM | 0d 0h 0m 0s |
| 202211 OMM TeleTailgate for November 2022 (ILC) | Complete | 0.5 | 100 | 2022-11-07 08:30 AM | 0d 0h 0m 0s |
| 202212 OMM TeleTailgate for December 2022 (ILC) | Complete | 0.5 | 100 | 2022-12-05 08:30 AM | 0d 0h 0m 0s |
| 202301 OMM TeleTailgate for January 2023 (ILC) | Complete | 0.5 | 100 | 2023-01-03 08:30 AM | 0d 0h 0m 0s |
| 202302 OMM TeleTailgate for February 2023 (ILC) | Complete | 0.25 | 100 | 2023-02-06 08:30 AM | 0d 0h 0m 0s |
| 202303 OMM TeleTailgate for March 2023 (ILC) | Complete | 0.5 | 100 | 2023-03-30 11:30 AM | 0d 0h 0m 0s |
| 202304 OMM TeleTailgate for April 2023 (ILC) | Complete | 0.5 | 100 | 2023-04-11 09:30 AM | 0d 0h 0m 0s |
| 202305 OMM TeleTailgate for May 2023 (ILC) | Complete | 0.5 | 100 | 2023-05-01 08:30 AM | 0d 0h 0m 0s |
| 202306 OMM TeleTailgate for June 2023 (ILC) | Complete | 0.5 | 100 | 2023-06-05 08:30 AM | 0d 0h 0m 0s |
| 202307 OMM TeleTailgate for July 2023 (ILC) | Complete | 0.5 | 100 | 2023-07-11 09:30 AM | 0d 0h 0m 0s |
| 202309 OMM TeleTailgate for September 2023 (ILC) | Complete | 0.5 | 100 | 2023-09-05 08:30 AM | 0d 0h 0m 0s |
| 202310 OMM TeleTailgate for October 2023 (ILC) | Complete | 0.5 | 100 | 2023-10-02 08:30 AM | 0d 0h 0m 0s |
| 202311 OMM TeleTailgate for November 2023 (ILC) | Complete | 0.5 | 100 | 2023-11-06 08:30 AM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202312 OMM TeleTailgate for December 2023 (ILC) | Complete | 0.5 | 100 | 2023-12-04 08:30 AM | 0d 0h 0m 0s |
| 202401 OMM TeleTailgate for January 2024 (ILC) | Complete | 0.5 | 100 | 2024-01-08 08:30 AM | 0d 0h 0m 0s |
| 202402 OMM TeleTailgate for February 2024 (SOP 14) (ILC) | Complete | 0.5 | 100 | 2024-02-05 08:30 AM | 0d 0h 0m 0s |
| 202403 OMM TeleTailgate for March 2024 (SOP 7) (ILC) | Complete | 0.5 | 100 | 2024-03-04 08:30 AM | 0d 0h 0m 0s |
| 202404 OMM TeleTailgate for April 2024 (Hand Safety) (ILC) | Complete | 0.5 | 100 | 2024-04-01 08:30 AM | 0d 0h 0m 0s |
| 202405 OMM TeleTailgate for May 2024 (SOP 22) (ILC) | Complete | 0.5 | 100 | 2024-05-14 09:30 AM | 0d 0h 0m 0s |
| 202406 OMM TeleTailgate for June 2024 (SOP 11) | Not Started | | | | N/A |
| 202407 OMM TeleTailgate for July 2024 (SOP 24) (ILC) | Complete | 0.5 | 100 | 2024-07-17 10:30 AM | 0d 0h 0m 0s |
| 202409 OMM TeleTailgate for September 2024 (SOP 12) (ILC) | Complete | 0.5 | 100 | 2024-09-10 09:30 AM | 0d 0h 0m 0s |
| 202410 OMM TeleTailgate for October 2024 (SOP 13) (ILC) | Complete | 0.5 | 100 | 2024-10-07 08:30 AM | 0d 0h 0m 0s |
| 202411 OMM TeleTailgate for November 2024 (Appendix I) (ILC) | Complete | 0.5 | 100 | 2024-11-12 12:30 PM | 0d 0h 0m 0s |
| 202412 OMM TeleTailgate for December 2024 (SOP 15) (ILC) | Complete | 0.5 | 100 | 2024-12-10 12:30 PM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202501 OMM TeleTailgate for January 2025 (Appx K) (ILC) | Complete | 0.5 | 100 | 2025-01-06 11:30 AM | 0d 0h 0m 0s |
| 202502 OMM TeleTailgate for February 2025 (SOP 14) | Complete | | | 2025-03-03 09:54 AM | N/A |
| 202503 OMM TeleTailgate for March 2025 (SOP 7) (ILC) | Complete | 0.5 | 100 | 2025-03-03 12:00 PM | 0d 0h 0m 0s |
| 202504 OMM TeleTailgate for April 2025 (Hand Safety) (ILC) | Complete | 0.5 | 100 | 2025-04-07 11:30 AM | 0d 0h 0m 0s |
| 202505 OMM TeleTailgate for May 2025 (SOP 22) (ILC) | Complete | 0.5 | 100 | 2025-05-29 02:30 PM | 0d 0h 0m 0s |
| Appendix B Hazard Communication Program | Complete | 0.33 | 92 | 2024-02-21 10:41 AM | N/A |
| Appendix B Hazard Communication Program - 2021 | Complete | 0.5 | 100 | 2021-07-26 09:33 AM | N/A |
| Appendix B Hazard Communication Program - 2022 | Complete | 0.5 | 100 | 2022-01-20 04:28 PM | N/A |
| Appendix B Hazard Communication Program - 2023 | Complete | 0.33 | 92 | 2023-01-16 09:35 AM | N/A |
| Appendix C Hazardous Waste and Emergency Response Operations (HAZWOPER) Program - 2022 | Complete | 0.33 | | 2022-04-11 05:18 PM | N/A |
| Appendix C Hazardous Waste and Emergency Response Operations (HAZWOPER) Program - 2023 | Complete | 0.33 | | 2023-04-14 09:56 AM | N/A |
| Appendix D Exposure Assessment Program - 2022 | Complete | 0.25 | | 2022-01-20 04:43 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Appendix D Exposure Assessment Program - 2023 | Complete | 0.25 | | 2023-01-16 09:51 AM | N/A |
| Appendix G Motor Vehicle and Fleet Safety | Complete | | | 2024-10-11 03:57 PM | N/A |
| Appendix G Motor Vehicle and Fleet Safety - 2023 | Complete | 0.5 | | 2023-05-03 09:53 AM | N/A |
| Appendix G Motor Vehicle and Fleet Safety for Field Staff - 2021 | Complete | 0.5 | | 2021-07-26 10:12 AM | N/A |
| Appendix G Motor Vehicle and Fleet Safety for Field Staff - 2022 | Complete | 0.5 | | 2022-03-01 11:17 AM | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2021 | Complete | 0.5 | | 2021-07-26 12:43 PM | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2022 | Complete | 0.5 | | 2022-07-25 09:53 AM | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2023 | Complete | 0.5 | | 2023-07-11 10:51 AM | N/A |
| Appendix J Excavation and Construction Earthwork Program | Complete | | | 2024-10-11 11:55 AM | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2021 | Complete | 0.5 | | 2021-07-26 01:21 PM | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2022 | Complete | 0.5 | | 2022-08-09 04:36 PM | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2023 | Complete | 0.5 | | 2023-08-07 05:29 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Appendix K Confined Space Entry Program Awareness - 2022 | Complete | 0.33 | | 2022-04-11 05:33 PM | N/A |
| Appendix K Confined Space Entry Program Awareness - 2023 | Complete | 0.33 | | 2023-04-14 10:09 AM | N/A |
| Appendix L Workplace Ergonomics Program | Complete | | | 2024-10-11 12:41 PM | N/A |
| Appendix L Workplace Ergonomics Program - 2021 | Complete | 0.33 | | 2021-07-26 10:35 AM | N/A |
| Appendix L Workplace Ergonomics Program - 2022 | Complete | 0.33 | | 2022-07-25 10:32 AM | N/A |
| Appendix L Workplace Ergonomics Program - 2023 | Complete | 0.25 | | 2023-07-11 10:55 AM | N/A |
| Appendix P Electrical Safety Program | Complete | | | 2024-10-11 12:27 PM | N/A |
| Appendix P Electrical Safety Program - 2021 | Complete | 0.5 | 100 | 2021-10-01 12:53 PM | N/A |
| Appendix P Electrical Safety Program - 2022 | Complete | 0.5 | 80 | 2022-10-03 05:16 PM | N/A |
| Appendix P Electrical Safety Program - 2023 | Complete | 0.25 | | 2023-10-11 03:21 PM | N/A |
| COVID Training | Complete | 0.5 | | 2021-07-26 11:56 AM | N/A |
| Dangerous Goods Shipping - SCS Certified *Version: 7* | Complete | 1 | 100 | 2023-05-10 06:25 PM | N/A |
| Dangerous Goods Shipping - SCS Certified | Not Started | | | | N/A |
| GO EVO Personal Protective App - Employee Training | Complete | 0.25 | | 2021-07-26 12:06 PM | N/A |
| Hand Safety Program - 2022 | Complete | 0.25 | | 2022-03-01 10:20 AM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Hand Safety Program - 2023 | Complete | 0.25 | | 2023-03-14 02:40 PM | N/A |
| HAZWOPER 8-Hour Refresher | Complete | | | 2024-01-24 02:03 PM | N/A |
| Lessons Learned 2024 - First Quarter ILC | Complete | | 100 | 2024-01-25 04:30 PM | 0d 0h 0m 0s |
| Lessons Learned 2024 - Fourth Quarter ILC | Complete | | 100 | 2024-10-15 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2024 - Second Quarter ILC | Complete | | 100 | 2024-04-16 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2024 - Third Quarter ILC | Complete | | 100 | 2024-07-16 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2025 - First Quarter ILC | Complete | | 100 | 2025-01-23 04:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2025 - Second Quarter ILC | Complete | | 100 | 2025-04-08 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned: 1st and 2nd Quarters 2022 | Not Started | | | | N/A |
| Lessons Learned: 1st Quarter 2021 | Complete | | | 2022-02-01 10:18 AM | N/A |
| Lessons Learned: 2nd Quarter 2021 | Complete | | | 2022-02-01 10:27 AM | N/A |
| Lessons Learned: 3rd and 4th Quarters 2020 | Complete | | | 2021-07-26 01:36 PM | N/A |
| Lessons Learned: 3rd and 4th Quarters 2021 | Not Started | | | | N/A |
| New Employee Health and Safety Orientation | Complete | 0.5 | | 2021-07-23 03:43 PM | N/A |
| Quality Management System Annual Training (ILC) | Complete | | 100 | 2024-12-10 02:00 PM | 0d 0h 0m 0s |
| SCS Ethics Instructor Led Sessions (2021) | Complete | 0.5 | 100 | 2021-12-06 11:15 AM | 0d 0h 0m 0s |
| SCS Ethics Instructor Led Sessions (2022) | Complete | 0.5 | 100 | 2022-08-01 08:30 AM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SCS Ethics Instructor Led Sessions (2023) | Complete | 1 | 100 | 2023-08-07 08:30 AM | 0d 0h 0m 0s |
| SCS Ethics Instructor Led Sessions (2024) | Complete | 0.5 | 100 | 2024-08-13 09:30 AM | 0d 0h 0m 0s |
| SCS Town Hall Safety Stand-Down Live Session (September 19, 2023) | Complete | | 100 | 2023-09-19 01:30 PM | 0d 0h 0m 0s |
| SOP 10 Safe Procedures for Fall Protection | Complete | | 100 | 2024-10-11 11:44 AM | N/A |
| SOP 10 Safe Procedures for Fall Protection - 2021 | Complete | 0.33 | | 2021-10-01 11:21 AM | N/A |
| SOP 10 Safe Procedures for Fall Protection - 2022 | Complete | 0.33 | | 2022-10-17 04:11 PM | N/A |
| SOP 10 Safe Procedures for Fall Protection - 2023 | Complete | 0.25 | | 2023-10-11 03:30 PM | N/A |
| SOP 11 Safe Procedures for Fire Extinguishers - 2022 | Complete | 0.42 | | 2022-05-02 04:30 PM | N/A |
| SOP 11 Safe Procedures for Fire Extinguishers - 2023 | Complete | 0.42 | | 2023-05-03 10:14 AM | N/A |
| SOP 12 Safe Procedures for Hand and Power Tools - 2021 | Complete | 0.5 | 100 | 2021-08-03 03:25 PM | N/A |
| SOP 12 Safe Procedures for Hand and Power Tools - 2022 | Complete | 0.5 | 100 | 2022-09-15 04:46 PM | N/A |
| SOP 12 Safe Procedures for Hand and Power Tools - 2023 | Complete | 0.25 | | 2023-09-12 12:55 PM | N/A |
| SOP 13 Ladder and Scaffolding Safety - 2021 | Complete | 0.33 | 80 | 2021-10-01 12:04 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 13 Ladder and Scaffolding Safety - 2022 | Complete | 0.25 | | 2022-10-17 04:18 PM | N/A |
| SOP 13 Ladder and Scaffolding Safety - 2023 | Complete | 0.25 | | 2023-10-11 03:34 PM | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2021 | Complete | 0.33 | | 2021-09-07 10:15 AM | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2022 | Complete | 0.33 | | 2022-11-01 04:49 PM | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2023 | Complete | 0.25 | | 2023-11-02 11:20 AM | N/A |
| SOP 15 Safe Procedures for Lockout/Tagout - 2021 | Complete | 0.42 | | 2021-11-02 09:46 AM | N/A |
| SOP 15 Safe Procedures for Lockout/Tagout - 2022 | Complete | 0.42 | | 2022-09-15 05:09 PM | N/A |
| SOP 15 Safe Procedures for Lockout/Tagout - 2023 | Complete | 0.5 | | 2023-09-12 01:17 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling | Complete | | | 2024-10-11 12:08 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2021 | Complete | 0.25 | 80 | 2021-08-03 03:38 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2022 | Complete | 0.25 | | 2022-07-25 10:43 AM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2023 | Complete | 0.25 | | 2023-07-11 11:07 AM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping | Complete | | 100 | 2024-10-11 11:19 AM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping - 2021 | Complete | 0.25 | 80 | 2021-09-07 10:28 AM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping - 2022 | Complete | 0.25 | 100 | 2022-11-01 05:13 PM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping - 2023 | Complete | 0.25 | 100 | 2023-11-02 11:31 AM | N/A |
| SOP 19 Site Sanitation and Decontamination Procedures - 2022 | Complete | 0.33 | | 2022-03-01 11:39 AM | N/A |
| SOP 19 Site Sanitation and Decontamination Procedures - 2023 | Complete | 0.33 | | 2023-03-14 02:57 PM | N/A |
| SOP 2 Site and Project H&S Plans | Complete | 0.25 | | 2024-02-21 10:57 AM | N/A |
| SOP 2 Site and Project H&S Plans - 2021 | Complete | 0.25 | | 2021-07-23 03:53 PM | N/A |
| SOP 2 Site and Project H&S Plans - 2022 | Complete | 0.25 | | 2022-01-20 03:50 PM | N/A |
| SOP 2 Site and Project H&S Plans - 2023 | Complete | 0.25 | | 2023-01-16 10:04 AM | N/A |
| SOP 21 Safe Procedures for Biological Hazards - 2022 | Complete | 0.5 | | 2022-05-02 04:59 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 21 Safe Procedures for Biological Hazards - 2023 | Complete | 0.5 | | 2023-03-14 03:30 PM | N/A |
| SOP 22 Monitoring for Atmospheric Hazards - 2022 | Complete | 0.5 | | 2022-04-11 05:56 PM | N/A |
| SOP 22 Monitoring for Atmospheric Hazards - 2023 | Complete | 0.25 | | 2023-04-14 10:25 AM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls | Complete | 0.42 | | 2023-07-11 11:22 AM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls - 2021 | Complete | 0.25 | | 2021-07-23 04:31 PM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls - 2022 | Complete | 0.42 | | 2022-07-25 10:16 AM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls - 2023 (Spanish) | In Progress | | | | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards | Complete | | | 2024-10-11 01:34 PM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2021 | Complete | 0.5 | | 2021-10-01 12:25 PM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2022 | Complete | 0.5 | | 2022-10-17 05:08 PM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2023 | Complete | 0.5 | | 2023-10-11 03:43 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards | Complete | 0.33 | | 2024-10-11 01:21 PM | N/A |
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards - 2022 | Complete | 0.33 | | 2022-05-02 05:11 PM | N/A |
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards - 2023 | Complete | 0.33 | | 2023-05-03 10:35 AM | N/A |
| SOP 26 Safe Procedures for ATVs, UTVs, and Watercraft - 2021 | Complete | 0.25 | | 2021-09-07 10:48 AM | N/A |
| SOP 26 Safe Procedures for ATVs, UTVs, and Watercraft - 2022 | Complete | 0.25 | | 2022-11-01 05:28 PM | N/A |
| SOP 26 Safe Procedures for ATVs, UTVs, and Watercraft - 2023 | Complete | 0.25 | | 2023-11-02 11:12 AM | N/A |
| SOP 27 OSHA and Regulatory Agency Inspections | Complete | 0.33 | | 2021-07-23 05:13 PM | N/A |
| SOP 3 Office H&S Plans - 2022 | Complete | 0.25 | | 2022-06-01 11:23 AM | N/A |
| SOP 31: Crew Activity Plan (CAP) | Complete | | 100 | 2023-05-03 11:02 AM | N/A |
| SOP 31: Crew Activity Plan (CAP) | Complete | | 100 | 2024-03-15 12:01 PM | N/A |
| SOP 31: Crew Activity Plan (CAP) | Complete | | 100 | 2025-02-11 01:47 PM | N/A |
| SOP 32 Wildfire Smoke | Complete | 0.5 | | 2023-08-28 12:49 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 4 JTSA and PPE Assessment Procedure | Complete | 0.25 | | 2024-02-21 11:15 AM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure - 2021 | Complete | 0.5 | 90 | 2021-07-23 04:14 PM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure - 2022 | Complete | 0.5 | 90 | 2022-01-20 04:08 PM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure - 2023 | Complete | 0.25 | | 2023-01-18 09:54 AM | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2021 | Complete | 0.25 | 80 | 2021-07-26 12:31 PM | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2022 | Complete | 0.25 | | 2022-08-09 04:56 PM | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2023 | Complete | 0.25 | | 2023-08-07 05:18 PM | N/A |
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2021 | Complete | 0.25 | | 2021-08-03 02:51 PM | N/A |
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2022 | Complete | 0.25 | | 2022-09-15 03:46 PM | N/A |
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2023 | Complete | 0.25 | | 2023-09-12 12:48 PM | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2021 | Complete | 0.25 | 80 | 2021-09-07 10:05 AM | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2022 | Complete | 0.25 | 80 | 2022-08-09 05:23 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 8 Safe Procedures for Drilling and Well Installation - 2023 | Complete | 0.25 | | 2023-08-07 05:38 PM | N/A |
| The SAFE Process - 2020 | Complete | 0.3 | | 2021-07-26 11:52 AM | N/A |
| TSOP 109 - FS OM&M Introductory Competencies *Version: 5* | Complete | 2 | | 2021-07-26 02:27 PM | N/A |
| TSOP 220 - General Inspection and Maintenance of Tools and Equipment *Version: 9* | Complete | 0.33 | | 2021-07-26 02:52 PM | N/A |
| TSOP 601 - Republic Services SOP Core Training | Complete | 0.25 | | 2021-07-26 01:46 PM | N/A |
| TSOP 601 - Republic Services SOP Core Training | Complete | 0.25 | | 2023-11-03 11:55 AM | N/A |
| TSOP 601 - Republic Services SOP Core Training | Complete | 0.25 | | 2024-10-11 10:13 AM | N/A |
| TSOP 601.1 - Republic Services SOP Wellfield Monitoring and Tuning | Complete | 0.25 | 100 | 2021-09-30 09:46 AM | N/A |
| TSOP 601.1 - Republic Services SOP Wellfield Monitoring and Tuning | Complete | 0.25 | 100 | 2023-11-03 11:45 AM | N/A |
| TSOP 601.1 - Republic Services SOP Wellfield Monitoring and Tuning | Complete | 0.25 | 100 | 2024-10-11 10:31 AM | N/A |
| Vantagepoint - Entering Timesheets and Expense Reports | Not Started | | | | N/A |
| Vantagepoint - Entering Timesheets and Expense Reports - California Employees | Complete | | | 2025-03-13 09:20 AM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Workplace Violence Prevention Program (California) | Complete | | | 2024-07-08 01:33 PM | N/A |
| Workplace Violence Prevention Program (California) | Not Started | | | | N/A |

**Curricula Enrollments**

| Curriculum Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 2022 8-Hour HAZWOPER Refresher | Complete | | | 2022-01-20 04:28 PM | N/A |
| 2023 8-Hour HAZWOPER Refresher | Complete | | | 2023-05-03 10:35 AM | N/A |
| 2025 HAZWOPER 8-Hour Refresher (OM&M) | In Progress | | | | N/A |
| HS 202107 July 2021 Health and Safety Training | Complete | | | 2021-07-26 01:21 PM | N/A |
| HS 202108 August 2021 Health and Safety Training | Complete | | | 2021-08-03 03:38 PM | N/A |
| HS 202109 September 2021 Health and Safety Training | Complete | | | 2021-09-07 10:48 AM | N/A |
| HS 202110 October 2021 Health and Safety Training | Complete | | | 2021-10-01 12:53 PM | N/A |
| HS 202111 November 2021 Health and Safety Training | Complete | | | 2021-11-02 09:46 AM | N/A |
| HS 202201 January 2022 Health and Safety Training | Complete | | | 2022-01-20 04:43 PM | N/A |
| HS 202203 March 2022 Health and Safety Training | Complete | | | 2022-03-01 11:39 AM | N/A |
| HS 202204 April 2022 Health and Safety Training | Complete | | | 2022-04-11 05:56 PM | N/A |
| HS 202205 May 2022 Health and Safety Training | Complete | | | 2022-05-02 05:11 PM | N/A |
| HS 202206 June 2022 Health and Safety Training (O&A) | Complete | | | 2022-06-01 11:23 AM | N/A |

| Curriculum Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| HS 202207 July 2022 Health and Safety Training | Complete | | | 2022-07-25 10:43 AM | N/A |
| HS 202208 August 2022 Health and Safety Training - OMM, Construction, HAZWOPER | Complete | | | 2022-08-09 05:23 PM | N/A |
| HS 202209 September 2022 Health and Safety Training | Complete | | | 2022-09-15 05:09 PM | N/A |
| HS 202210 October 2022 Health and Safety Training | Complete | | | 2022-10-17 05:08 PM | N/A |
| HS 202211 November 2022 Health and Safety Training | Complete | | | 2022-11-01 05:28 PM | N/A |
| HS 202301 January 2023 Health and Safety Training | Complete | | | 2023-01-18 09:54 AM | N/A |
| HS 202303 March 2023 Health and Safety Training (OMM/Const/PCTS/EnergyCon/SMM/AQM) | Complete | | | 2023-03-14 03:30 PM | N/A |
| HS 202304 April 2023 Health and Safety Training (OMM/Const/PCTS/Energy/AQM) | Complete | | | 2023-04-14 10:25 AM | N/A |
| HS 202305 May 2023 Health and Safety Training (OMM/Const/PCTS/Energy/Tracer/SMM) | Complete | | | 2023-05-03 10:35 AM | N/A |
| HS 202307 July 2023 Health and Safety Training (OMM/Const/PCTS/Energy/Tracer AQM/SMM) | Complete | | | 2023-07-11 11:22 AM | N/A |
| HS 202308 August 2023 Health and Safety Training (OMM/Const/SW and ES HAZWOPER/BU09 SW and ES Non-HAZWOPER) | Complete | | | 2023-08-07 05:38 PM | N/A |
| HS 202309 September 2023 Health and Safety Training (OMM/Const/SW and ES HAZWOPER and NonHAZWOPER, Energy, Tracer AQM) | Complete | | | 2023-09-12 01:17 PM | N/A |

| Curriculum Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| HS 202310 October 2023 Health and Safety Training (OMM/Const/SW HAZWOPER and NonHAZWOPER, Energy, Tracer AQM and Risk) | Complete | | | 2023-10-11 03:43 PM | N/A |
| HS 202311 November 2023 Health and Safety Training (OMM/Const) | Complete | | | 2023-11-02 11:59 AM | N/A |
| New Employee Health and Safety Orientation - PCTS & Field Staff | Complete | | | 2021-07-26 12:06 PM | N/A |

**External Training**

| Course Name | Status | Completion Date |
|---|---|---|
| 40-Hour HAZWOPER Initial | Approved | 2021-07-23 03:00 AM |

**Times Displayed in (UTC-05:00) Eastern Time (US & Canada)**

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Garrett Zeidler

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/24/2024

J. Frecks

# Transcript for Jon Frecks 2025-06-11

### Details

| Name | Email Address |
|---|---|
| Jon Frecks | jfrecks@scsengineers.com |

### Credits

**100.25**
General

**4.66**
Health and Safety

### Badges

### Competencies

| Competency Name | Level | Category | Expires |
|---|---|---|---|
| Wellfield Monitoring and Tuning (Republic Services SOP) | 1 | Republic Services | |
| Wellfield Tuning | 1 | Technical Standard Operating Procedures (TSOP) | |

### Certificates

| Course Name | Valid From | Expires |
|---|---|---|
| 2020 8-Hour HAZWOPER Refersher | 2020-07-27 06:39 PM | |
| 2021 8-Hour HAZWOPER Refresher | 2021-07-16 12:56 PM | 2022-07-16 12:56 PM |
| 2022 8-Hour HAZWOPER Refresher | 2022-03-04 10:58 AM | 2023-03-04 10:58 AM |
| 2023 8-Hour HAZWOPER Refresher | 2023-05-18 10:52 AM | |
| SCS Ethics Instructor Led Sessions (2022) | 2022-08-01 08:30 AM | |
| SCS Ethics Instructor Led Sessions (2023) | 2023-08-07 08:30 AM | |

| Course Name | Valid From | Expires |
|---|---|---|
| SCS Ethics Annual Training | 2024-08-13 09:30 AM | |

**Online and Instructor Led Course Enrollments**

**Curricula Enrollments**

**External Training**

| Course Name | Status | Completion Date |
|---|---|---|
| 40-Hour HAZWOPER Initial | Approved | 2008-06-20 08:00 PM |
| 8-Hour HAZWOPER Refresher | Approved | 2018-11-25 07:00 PM |

**Times Displayed in (UTC-05:00) Eastern Time (US & Canada)**

environmental
TRAINING CENTER

CUYAMACA
· COLLEGE ·

# Environmental Training Center

***Compliance ~ Workplace Safety ~ Emergency Response***

## 40 Hour HAZWOPER

Certificate is hereby granted to

## Jonathon Frecks

***This certificate certifies the successful completion of the 40 Hour OSHA HAZWOPER course. This course satisfies the requirements for generalized employee training under OSHA 1910.120 and State of California Regulation 5192 Title 8.***

June 21, 2008

Jennifer Lewis, Director

David Ivester, Instructor

Rick Wilson, Instructor

Ron Peters, Instructor

**www.SanDiegoETC.org**

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Jon Frecks***

**has successfully completed Class 7 Forklift Operator Training**
In compliance with 29 CFR 1910.178(I)(1)

Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

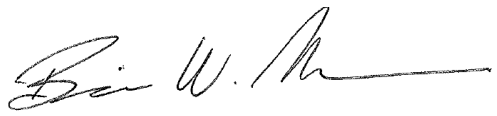
SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Jon Frecks***

**has successfully completed**
**Heavy Equipment Operator Training for**
In compliance with 29 CFR 1910.178 (1)



Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Jonathan Frecks***

has successfully completed training requirements satisfying the OSHA Standards for General Industry Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.

**16-Hour Confined Space Hazards & Rescue**
29 CFR 1910.146 and 8 CCR 5157

Instructors: Brian Morrison – Region H&S Specialist

Class Date: 4/4/2021

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Jon Frecks

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 05/18/2023

C. Frecks

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Chris Frecks***

**has successfully completed Class 7 Forklift Operator Training**
In compliance with 29 CFR 1910.178(I)(1)

Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

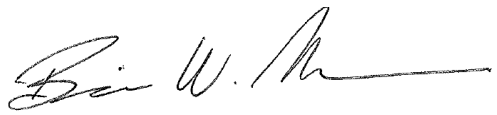
SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Chris Frecks***

**has successfully completed**
**Heavy Equipment Operator Training for**
In compliance with 29 CFR 1910.178 (1)



Instructor: Brian Morrison
Senior Health & Safety Specialist

Class Date: 01/21/2025

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Christopher Frecks***

has successfully completed training requirements satisfying the OSHA Standards for General Industry Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.

**16-Hour Confined Space Hazards & Rescue**
29 CFR 1910.146 and 8 CCR 5157

Instructors: Brian Morrison – Region H&S Specialist

Class Date: 4/4/2021

C. Sandino

NATIONAL ENVIRONMENTAL TRAINERS

A TPC COMPANY

# Certificate of Completion

## *Christian Sandino*

has satisfactorily passed an exam and completed a 40-hour training course entitled

**40 Hour HAZWOPER Training**

meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations).

**Completion Date: 01/25/2022**

**Certificate Number: 711656**

Amy Bonilla
Vice President

Paul Colangelo
Training Facilitator

www.natlenvtrainers.com
info@natlentrainers.com
750 W Lake Cook Rd, Suite 350
Buffalo Grove, IL 60089
1-888-877-7130

American Red Cross
Training Services

# Certificate of Completion

Christian Sandino

has successfully completed requirements for

**Adult First Aid/CPR/AED**

Date Completed: 11/2/2023
Validity Period: 2 Years

Conducted by: Heart CPR

To verify certificate, scan code or visit redcross.org/digitalcertificate and enter ID.

Learn and be inspired at LifesavingAwards.org

01CINAJ

American Red Cross
Training Services

# CEU

Christian Sandino

has successfully completed requirements for

**Adult First Aid/CPR/AED-r.21**

Date Completed: 11/2/2023

Contact Hours: 3.0
CEUs Awarded: 0.3




Learn and be inspired at LifesavingAwards.org

L. Leon

eTraining, Inc.

# Certificate of Completion

This certifies that

## Luis Leon

has received 40 hours of training for successfully completing the

## OSHA 40 Hour Hazwoper

*OSHA 29 CFR 1910.120/1926.65 - 40 Hours*

Completed August 14, 2024

Expires August 14, 2025

Certificate Number: 243502

www.etraintoday.com

Niall O'Malley, President

Larry A. Baylor, VP Content Development

A. Lara

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Armando Lara

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/11/2024

# *Certificate of Training*

**Armando Lara**
**XXX-XX-2986**

**Has completed the 40-hour HAZWOPER Initial Training Course**
***In Accordance with 29 CFR 1910.120***
***On May 6, 2006***

May 6, 2006
*Training Date*

Glenn W. Montague,
Training Director

May 5, 2007
*Expiration Date*

H.M. Pitt Labs Environmental Training
2434 Southport Way, Suite
National City, Ca 91950
(619) 474-8548

**Certificate # HZWPI 00029**

# Transcript for Armando Lara 2025-06-11

### Details

| Name | Email Address |
|---|---|
| Armando Lara | alara@scsengineers.com |

### Credits

| 99.71 | 5.41 | 1 |
|---|---|---|
| General | Health and Safety | Client Success Initiative |

### Competencies & Badges

*No Competencies*

### Certificates

| Course Name | Valid From | Expires |
|---|---|---|
| 2014 8-Hour HAZWOPER Refresher | 2014-05-30 06:18 PM | |
| 2015 8-Hour HAZWOPER Refresher | 2015-05-29 02:47 PM | |
| 2016 8-Hour HAZWOPER Refresher Revised 6-3-16 | 2016-06-03 10:43 AM | |
| 2016 8-Hour HAZWOPER Refresher Revised 6-3-16 | 2016-06-03 06:03 AM | |
| 2016 8-Hour HAZWOPER Refresher Revised 6-3-16 | 2016-06-02 12:34 PM | |
| 2017 8-Hour HAZWOPER Refresher | 2017-06-05 12:13 PM | |
| 2018 8-Hour HAZWOPER Refresher | 2018-06-06 04:20 AM | |

| Course Name | Valid From | Expires |
|---|---|---|
| 2019 8-Hour HAZWOPER Refresher | 2019-07-14 09:00 PM | |
| 2020 8-Hour HAZWOPER Refersher | 2020-07-21 12:05 PM | |
| 2021 8-Hour HAZWOPER Refresher | 2021-07-16 12:58 PM | 2022-07-16 12:58 PM |
| 2022 8-Hour HAZWOPER Refresher | 2022-03-04 02:19 PM | 2023-03-04 02:19 PM |
| 2023 8-Hour HAZWOPER Refresher | 2023-05-04 12:36 PM | |
| HAZWOPER 8-Hour Refresher | 2024-01-11 03:20 PM | |
| Landfill University 24-06: What in the World (of Sustainability) is Going on? | 2024-04-01 05:28 PM | |
| SCS Ethics Instructor Led Sessions (2022) | 2022-08-01 08:30 AM | |
| SCS Ethics Instructor Led Sessions (2023) | 2023-08-07 08:30 AM | |
| SCS Ethics Annual Training | 2024-08-05 08:30 AM | |

**Online and Instructor Led Course Enrollments**

**Curricula Enrollments**

**External Training**

| Course Name | Status | Completion Date |
|---|---|---|
| 40-Hour HAZWOPER Initial | Approved | 2006-05-05 08:00 PM |
| 8-Hour HAZWOPER Refresher | Approved | 2013-10-05 08:00 PM |

**Times Displayed in (UTC-05:00) Eastern Time (US & Canada)**

# Heat Fusion Equipment (HFE) Operators Qualification Certificate

ISCO Industries, Inc. is issuing this Qualification Certificate to:

| HFE Operator Name | Armando Lara |
|---|---|

For successful completion of training, assessment and qualification based on the requirements of ASTM F3190-21 and following the Practice ASTM F2620-20 utilizing MMI McElroy heat fusion equipment for:

- **Butt Fusion**
  - Hydraulic Mid-Range (sizes of 2" – 20" IPS)
  - Performance Examination (hydraulic butt fusion) with a data recording device conforming to ASTM F3124

| | |
|---|---|
| **HFE Operator Certificate Number** | 20231500 |
| **Qualification Issued Date** | 4/18/2023 |
| **Qualification Expiration Date** (Expiration shall be two years from issuance date) | 4/18/2025 |

An. Odgers

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Angel Odgers

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/11/2024

Talent Shaw Connection™

Building Careers For Growth, Leadership, and Opportunity

This certificate is awarded to

**Angel Odgers**

for the successful completion of the course

**40-Hour HAZWOPER Training**

Hours: 0 Hours 0 Min Credits: 0

**Completion Date: 1/5/2009**

Shaw

Virgil Berson, Sr. Vice President
Quality, EHS, Regulatory Compliance,
Process Improvement

# Transcript for Angel Odgers 2025-06-11

### Details

| Name | Email Address |
|---|---|
| Angel Odgers | aodgers@scsengineers.com |

### Credits

**72.35** General

**4.83** Health and Safety

### Competencies & Badges

*No Competencies*

### Certificates

| Course Name | Valid From | Expires |
|---|---|---|
| 2021 8-Hour HAZWOPER Refresher | 2021-07-16 12:59 PM | 2022-07-16 12:59 PM |
| 2022 8-Hour HAZWOPER Refresher | 2022-02-06 06:02 PM | 2023-02-06 06:02 PM |
| 2023 8-Hour HAZWOPER Refresher | 2023-03-14 12:06 AM | |
| HAZWOPER 8-Hour Refresher | 2024-01-11 09:00 PM | |
| Landfill University 24-18 Solar Energy for Landfills: Expanding Opportunities for SCS | 2025-01-13 12:17 AM | |
| Landfill University 25-04: How Recent PFAS Regulatory Developments Will Impact Landfills | 2025-04-01 11:11 PM | |
| Landfill University 25-05: Exploring New RMC Technologies and How RMC Can Help You | 2025-04-22 11:49 PM | |

| Course Name | Valid From | Expires |
|---|---|---|
| Landfill University 25-06: SCS Groundwater Technology (SCS GW) | 2025-04-02 12:10 AM | |
| SCS Ethics Instructor Led Sessions (2022) | 2022-08-01 08:30 AM | |
| SCS Ethics Instructor Led Sessions (2023) | 2023-08-07 08:30 AM | |
| SCS Ethics Annual Training | 2024-08-05 08:30 AM | |

**Online and Instructor Led Course Enrollments**

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202008 OMM TeleTailgate for August 2020 | Complete | 0.25 | | 2020-08-17 09:22 PM | N/A |
| 202009 OMM TeleTailgate for September 2020 | Complete | 0.25 | | 2020-09-16 07:30 PM | N/A |
| 202010 OMM TeleTailgate for October 2020 | Complete | 0.25 | | 2020-10-20 12:08 AM | N/A |
| 202011 OMM TeleTailgate for November 2020 | Complete | 0.25 | | 2020-11-03 01:34 AM | N/A |
| 202012 OMM Tele-Tailgate for December 2020 - Ethics Discussion | Complete | 0.25 | | 2021-02-08 10:20 AM | N/A |
| 202101 OMM Tele-Tailgate for January 2021 | Complete | 0.25 | | 2021-01-04 07:50 PM | N/A |
| 202102 OMM Tele-Tailgate for February 2021 | Complete | 0.25 | | 2021-02-05 03:33 PM | N/A |
| 202103 OMM Tele-Tailgate for March 2021 | Complete | 0.25 | | 2021-03-01 08:40 PM | N/A |
| 202104 OMM TeleTailgate for April 2021 (ILC) | Complete | 0.5 | 100 | 2021-04-21 01:30 PM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202105 OMM TeleTailgate for May 2021 (ILC) | Complete | 0.5 | 100 | 2021-05-19 01:30 PM | 0d 0h 0m 0s |
| 202107 OMM TeleTailgate for July 2021 (ILC) | Complete | 0.5 | 100 | 2021-07-13 12:30 PM | 0d 0h 0m 0s |
| 202108 OMM TeleTailgate for August 2021 (ILC) | Complete | 0.5 | 100 | 2021-08-10 12:30 PM | 0d 0h 0m 0s |
| 202109 OMM TeleTailgate for September 2021 (ILC) | Complete | 0.5 | 100 | 2021-09-14 09:30 AM | 0d 0h 0m 0s |
| 202110 OMM TeleTailgate for October 2021 (ILC) | Not Started | | | | N/A |
| 202111 OMM TeleTailgate for November 2021 (ILC) | Complete | 0.5 | 100 | 2021-11-24 11:30 AM | 0d 0h 0m 0s |
| 202201 OMM TeleTailgate for January 2022 (ILC) | Complete | 0.5 | 100 | 2022-01-03 08:30 AM | 0d 0h 0m 0s |
| 202202 OMM TeleTailgate for February 2022 (ILC) | Complete | 0.5 | 100 | 2022-03-15 11:48 AM | 0d 0h 0m 0s |
| 202203 OMM TeleTailgate for March 2022 (ILC) | Complete | 0.5 | 100 | 2022-03-15 05:30 AM | 0d 0h 0m 0s |
| 202204 OMM TeleTailgate for April 2022 (ILC) | Complete | 0.5 | 100 | 2022-04-20 06:30 AM | 0d 0h 0m 0s |
| 202205 OMM TeleTailgate for May 2022 (ILC) | Complete | 0.5 | 100 | 2022-05-02 08:30 PM | 0d 0h 0m 0s |
| 202206 OMM TeleTailgate for June 2022 (ILC) | Complete | 0.5 | 100 | 2022-06-06 08:30 AM | 0d 0h 0m 0s |
| 202207 BU09 Tele-Tailgate for July 2022 | Complete | | | 2023-03-13 11:31 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202207 OMM TeleTailgate for July 2022 (ILC) | Complete | 0.5 | 100 | 2022-07-12 09:30 AM | 0d 0h 0m 0s |
| 202209 OMM TeleTailgate for September 2022 (ILC) | Complete | 0.5 | 100 | 2022-09-05 08:30 AM | 0d 0h 0m 0s |
| 202210 OMM TeleTailgate for October 2022 (ILC) | Complete | 0.5 | 100 | 2022-10-11 09:30 AM | 0d 0h 0m 0s |
| 202211 OMM Tele-Tailgate for November 2022 | Complete | 0.25 | | 2023-07-31 06:01 PM | N/A |
| 202212 OMM Tele-Tailgate for December 2022 | Complete | 0.25 | | 2023-03-29 06:23 PM | N/A |
| 202212 OMM TeleTailgate for December 2022 (ILC) | Complete | 0.5 | 100 | 2022-12-05 08:30 AM | 0d 0h 0m 0s |
| 202301 OMM TeleTailgate for January 2023 (ILC) | Complete | 0.5 | 100 | 2023-01-10 09:30 AM | 0d 0h 0m 0s |
| 202302 OMM TeleTailgate for February 2023 (ILC) | Complete | 0.25 | 100 | 2023-02-06 08:30 AM | 0d 0h 0m 0s |
| 202303 OMM TeleTailgate for March 2023 (ILC) | Complete | 0.5 | 100 | 2023-03-06 08:30 AM | 0d 0h 0m 0s |
| 202304 OMM TeleTailgate for April 2023 (ILC) | Complete | 0.5 | 100 | 2023-04-19 10:30 AM | 0d 0h 0m 0s |
| 202305 OMM TeleTailgate for May 2023 (ILC) | Complete | 0.5 | 100 | 2023-05-01 08:30 AM | 0d 0h 0m 0s |
| 202306 OMM TeleTailgate for June 2023 (ILC) | Complete | 0.5 | 100 | 2023-06-05 08:30 AM | 0d 0h 0m 0s |
| 202307 OMM TeleTailgate for July 2023 (ILC) | Complete | 0.5 | 100 | 2023-07-03 08:30 AM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202309 OMM TeleTailgate for September 2023 (ILC) | Complete | 0.5 | 100 | 2023-09-05 08:30 AM | 0d 0h 0m 0s |
| 202310 OMM TeleTailgate for October 2023 (ILC) | Complete | 0.5 | 100 | 2023-10-02 08:30 AM | 0d 0h 0m 0s |
| 202311 OMM TeleTailgate for November 2023 (ILC) | Complete | 0.5 | 100 | 2023-11-06 08:30 AM | 0d 0h 0m 0s |
| 202312 OMM TeleTailgate for December 2023 (ILC) | Complete | 0.5 | 100 | 2023-12-04 08:30 AM | 0d 0h 0m 0s |
| 202401 OMM TeleTailgate for January 2024 (ILC) | Complete | 0.5 | 100 | 2024-01-08 08:30 AM | 0d 0h 0m 0s |
| 202402 OMM TeleTailgate for February 2024 (SOP 14) (ILC) | Complete | 0.5 | 100 | 2024-02-05 08:30 AM | 0d 0h 0m 0s |
| 202403 OMM TeleTailgate for March 2024 (SOP 7) (ILC) | Complete | 0.5 | 100 | 2024-03-04 08:30 AM | 0d 0h 0m 0s |
| 202404 OMM TeleTailgate for April 2024 (Hand Safety) (ILC) | Complete | 0.5 | 100 | 2024-04-01 08:30 AM | 0d 0h 0m 0s |
| 202405 OMM TeleTailgate for May 2024 (SOP 22) (ILC) | Complete | 0.5 | 100 | 2024-05-14 09:30 AM | 0d 0h 0m 0s |
| 202406 OMM TeleTailgate for June 2024 (SOP 11) (ILC) | Complete | 0.5 | 100 | 2024-06-03 08:30 AM | 0d 0h 0m 0s |
| 202407 OMM TeleTailgate for July 2024 (SOP 24) (ILC) | Complete | 0.5 | 100 | 2024-07-09 09:30 AM | 0d 0h 0m 0s |
| 202409 OMM TeleTailgate for September 2024 (SOP 12) (ILC) | Complete | 0.5 | 100 | 2024-09-03 08:30 AM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202410 OMM TeleTailgate for October 2024 (SOP 13) (ILC) | Complete | 0.5 | 100 | 2024-10-07 08:30 AM | 0d 0h 0m 0s |
| 202411 OMM TeleTailgate for November 2024 (Appendix I) (ILC) | Complete | 0.5 | 100 | 2024-11-04 11:30 AM | 0d 0h 0m 0s |
| 202412 OMM TeleTailgate for December 2024 (SOP 15) (ILC) | Complete | 0.5 | 100 | 2024-12-18 01:30 PM | 0d 0h 0m 0s |
| 202501 OMM TeleTailgate for January 2025 (Appx K) (ILC) | Complete | 0.5 | 100 | 2025-01-06 11:30 AM | 0d 0h 0m 0s |
| 202502 OMM TeleTailgate for February 2025 (SOP 14) (ILC) | Complete | 0.5 | 100 | 2025-02-03 11:30 AM | 0d 0h 0m 0s |
| 202503 OMM TeleTailgate for March 2025 (SOP 7) (ILC) | Complete | 0.5 | 100 | 2025-03-03 12:00 PM | 0d 0h 0m 0s |
| 202504 OMM TeleTailgate for April 2025 (Hand Safety) (ILC) | Complete | 0.5 | 100 | 2025-04-07 11:30 AM | 0d 0h 0m 0s |
| 202505 OMM TeleTailgate for May 2025 (SOP 22) (ILC) | Complete | 0.5 | 100 | 2025-05-29 02:30 PM | 0d 0h 0m 0s |
| 202506 OMM TeleTailgate for June 2025 (SOP 11) (ILC) | Complete | 0.5 | 100 | 2025-06-10 12:30 PM | 0d 0h 0m 0s |
| Appendix B Hazard Communication Program | Complete | 0.33 | 100 | 2024-02-09 11:37 AM | N/A |
| Appendix B Hazard Communication Program | Complete | | 83 | 2025-01-13 12:15 AM | N/A |
| Appendix B Hazard Communication Program - 2020 | Complete | 0.5 | 100 | 2020-07-23 05:03 PM | N/A |
| Appendix B Hazard Communication Program - 2021 | Complete | 0.5 | 90 | 2021-01-06 07:38 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Appendix B Hazard Communication Program - 2022 | Complete | 0.5 | 83 | 2022-02-06 06:02 PM | N/A |
| Appendix B Hazard Communication Program - 2023 | Complete | 0.33 | 100 | 2023-01-04 01:11 PM | N/A |
| Appendix C Hazardous Waste and Emergency Response Operations (HAZWOPER) Program - 2021 | Complete | 0.5 | 80 | 2021-03-03 05:37 PM | N/A |
| Appendix C Hazardous Waste and Emergency Response Operations (HAZWOPER) Program - 2022 | Complete | 0.33 | | 2022-04-25 08:35 PM | N/A |
| Appendix C Hazardous Waste and Emergency Response Operations (HAZWOPER) Program - 2023 | Complete | 0.33 | | 2023-04-20 01:53 AM | N/A |
| Appendix D Exposure Assessment Program - 2022 | Complete | 0.25 | | 2022-02-06 06:15 PM | N/A |
| Appendix D Exposure Assessment Program - 2023 | Complete | 0.25 | | 2023-01-04 01:27 PM | N/A |
| Appendix G Motor Vehicle and Fleet Safety | Complete | | | 2024-02-09 01:07 PM | N/A |
| Appendix G Motor Vehicle and Fleet Safety | Complete | | | 2025-03-06 11:01 AM | N/A |
| Appendix G Motor Vehicle and Fleet Safety - 2023 | Complete | 0.5 | | 2023-03-14 12:06 AM | N/A |
| Appendix G Motor Vehicle and Fleet Safety for Field Staff - 2020 | Complete | 0.5 | 80 | 2020-07-23 02:53 PM | N/A |
| Appendix G Motor Vehicle and Fleet Safety for Field Staff - 2021 | Complete | 0.5 | | 2021-06-01 10:00 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Appendix G Motor Vehicle and Fleet Safety for Field Staff - 2022 | Complete | 0.5 | | 2022-03-31 12:11 AM | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2020 | Complete | 0.33 | 80 | 2020-07-24 02:20 PM | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2021 | Complete | 0.5 | | 2021-08-08 11:39 PM | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2021 ILC | Not Started | | | | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2022 | Complete | 0.5 | | 2022-07-27 06:21 PM | N/A |
| Appendix I Bloodborne Pathogens Exposure Control Plan - 2023 | Complete | 0.5 | | 2023-07-31 04:08 PM | N/A |
| Appendix J Excavation and Construction Earthwork Program | Complete | | | 2024-02-09 10:17 AM | N/A |
| Appendix J Excavation and Construction Earthwork Program | Complete | | | 2025-03-06 12:03 PM | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2020 | Complete | 0.5 | | 2020-07-24 03:04 PM | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2021 | Complete | 0.5 | | 2021-08-09 12:17 AM | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2021 ILC | Not Started | | | | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2022 | Complete | 0.5 | | 2022-08-22 10:38 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Appendix J Excavation and Construction Earthwork Program - 2023 | Complete | 0.5 | | 2023-08-21 11:38 AM | N/A |
| Appendix K Confined Space Entry Program Awareness - 2021 | Complete | 0.25 | | 2021-04-26 04:14 PM | N/A |
| Appendix K Confined Space Entry Program Awareness - 2022 | Complete | 0.33 | | 2022-04-25 01:18 AM | N/A |
| Appendix K Confined Space Entry Program Awareness - 2023 | Complete | 0.33 | | 2023-03-13 11:19 PM | N/A |
| Appendix L Workplace Ergonomics Program | Complete | | | 2024-02-09 10:43 AM | N/A |
| Appendix L Workplace Ergonomics Program | Complete | | | 2025-03-06 11:45 AM | N/A |
| Appendix L Workplace Ergonomics Program - 2020 | Complete | 0.33 | | 2020-07-23 04:09 PM | N/A |
| Appendix L Workplace Ergonomics Program - 2021 | Complete | 0.33 | | 2021-11-14 11:47 PM | N/A |
| Appendix L Workplace Ergonomics Program - 2021 ILC | Not Started | | | | N/A |
| Appendix L Workplace Ergonomics Program - 2022 | Complete | 0.33 | | 2022-07-27 07:43 PM | N/A |
| Appendix L Workplace Ergonomics Program - 2023 | Complete | 0.25 | | 2023-07-31 04:12 PM | N/A |
| Appendix L Workplace Ergonomics Program for Office and Administrative Staff - 2020 | Complete | 0.25 | | 2022-03-04 12:06 PM | N/A |
| Appendix P Electrical Safety Program | Complete | | | 2024-02-09 09:55 AM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Appendix P Electrical Safety Program - 2020 | Complete | 0.5 | 80 | 2020-10-29 01:57 AM | N/A |
| Appendix P Electrical Safety Program - 2021 | Complete | 0.5 | 100 | 2021-11-14 11:28 PM | N/A |
| Appendix P Electrical Safety Program - 2022 | Complete | 0.5 | 100 | 2022-10-07 09:09 PM | N/A |
| Appendix P Electrical Safety Program - 2023 | Complete | 0.25 | | 2023-10-30 06:29 PM | N/A |
| COVID Training | Complete | 0.5 | | 2020-07-23 11:46 AM | N/A |
| CSi Webinar: The Leader's Leverage: Strategies for Mobilizing Your Team | Complete | | | 2024-04-01 05:02 PM | N/A |
| CSi Webinar: Winning Strategies for Seller-Doers | Complete | | | 2025-04-01 01:24 AM | N/A |
| GO EVO Personal Protective App - Employee Training | Complete | 0.25 | | 2021-03-29 07:56 PM | N/A |
| Hand Safety Program - 2021 | Complete | 0.25 | | 2021-03-03 04:25 PM | N/A |
| Hand Safety Program - 2022 | Complete | 0.25 | | 2022-03-30 10:40 PM | N/A |
| Hand Safety Program - 2023 | Complete | 0.25 | | 2023-03-03 02:51 PM | N/A |
| HAZWOPER 8-Hour Refresher | Complete | | | 2024-01-11 09:00 PM | N/A |
| Landfill University 24-18 Solar Energy for Landfills: Expanding Opportunities for SCS | Complete | | | 2025-01-13 12:17 AM | N/A |
| Landfill University 25-04: How Recent PFAS Regulatory Developments Will Impact Landfills | Complete | | | 2025-04-01 11:11 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Landfill University 25-05: Exploring New RMC Technologies and How RMC Can Help You | Complete | | | 2025-04-22 11:49 PM | N/A |
| Landfill University 25-06: SCS Groundwater Technology (SCS GW) | Complete | | | 2025-04-02 12:10 AM | N/A |
| Lessons Learned 2024 - First Quarter ILC | Complete | | 100 | 2024-01-25 04:30 PM | 0d 0h 0m 0s |
| Lessons Learned 2024 - Fourth Quarter ILC | Complete | | 100 | 2024-10-24 04:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2024 - Second Quarter ILC | Complete | | 100 | 2024-04-25 04:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2024 - Third Quarter ILC | Complete | | 100 | 2024-07-16 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2025 - First Quarter ILC | Complete | | | 2025-01-14 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2025 - Second Quarter ILC | Complete | | 100 | 2025-04-08 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned: 1st and 2nd Quarters 2022 | Complete | | | 2022-09-23 12:29 AM | N/A |
| Lessons Learned: 1st Quarter 2021 | Complete | | | 2022-02-02 10:39 PM | N/A |
| Lessons Learned: 2nd Quarter 2021 | Complete | | | 2022-02-02 10:54 PM | N/A |
| Lessons Learned: 3rd and 4th Quarters 2020 | Complete | | | 2021-04-15 10:09 PM | N/A |
| Lessons Learned: 3rd and 4th Quarters 2021 | Complete | | | 2022-07-27 08:10 PM | N/A |
| Lessons Learned: First Quarter 2020 | Complete | | | 2020-11-03 01:15 AM | N/A |
| Lessons Learned: Second Quarter 2020 | Complete | | | 2020-11-03 06:50 PM | N/A |
| New Employee Health and Safety Orientation | Complete | 0.5 | | 2020-07-23 12:31 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Quality Management System Annual Training (ILC) | Complete | | 100 | 2024-12-18 03:00 PM | 0d 0h 0m 0s |
| RSI LFG SOP Introduction, Part 1 *Version: 8* | Complete | 0.75 | | 2020-07-24 11:40 AM | N/A |
| RSI LFG SOP Introduction, Part 2 *Version: 6* | Complete | 0.9 | | 2020-07-24 04:51 PM | N/A |
| RSI LFG SOP Introduction, Part 3 *Version: 9* | Complete | 0.8 | | 2020-07-24 05:51 PM | N/A |
| SCS Ethics | Complete | 1 | 100 | 2020-12-07 11:30 AM | 0d 0h 0m 0s |
| SCS Ethics Instructor Led Sessions (2021) | Complete | 0.5 | 100 | 2021-12-06 11:15 AM | 0d 0h 0m 0s |
| SCS Ethics Instructor Led Sessions (2022) | Complete | 0.5 | 100 | 2022-08-01 08:30 AM | 0d 0h 0m 0s |
| SCS Ethics Instructor Led Sessions (2023) | Complete | 1 | 100 | 2023-08-07 08:30 AM | 0d 0h 0m 0s |
| SCS Ethics Instructor Led Sessions (2024) | Complete | 0.5 | 100 | 2024-08-05 08:30 AM | 0d 0h 0m 0s |
| SCS Mobile Tools Introductory Training | Complete | 0.16 | | 2022-11-02 11:26 AM | N/A |
| SCS Town Hall Safety Stand-Down Live Session (September 19, 2023) | Complete | | 100 | 2023-09-19 01:30 PM | 0d 0h 0m 0s |
| SCS Vision Employee Info Center Training *Version: 3* | Complete | 0.5 | | 2022-11-09 11:37 PM | N/A |
| SOP 10 (Spanish Version) Safe Procedures for Fall Protection | Complete | 0.25 | | 2023-10-30 07:16 PM | N/A |
| SOP 10 Safe Procedures for Fall Protection | Complete | | | 2024-02-07 07:52 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 10 Safe Procedures for Fall Protection | Complete | | 100 | 2025-03-06 01:03 PM | N/A |
| SOP 10 Safe Procedures for Fall Protection - 2020 | Complete | 0.25 | 80 | 2020-11-02 10:15 PM | N/A |
| SOP 10 Safe Procedures for Fall Protection - 2021 | Complete | 0.33 | | 2021-10-05 04:20 PM | N/A |
| SOP 10 Safe Procedures for Fall Protection - 2022 | Complete | 0.33 | | 2022-10-31 08:19 PM | N/A |
| SOP 10 Safe Procedures for Fall Protection - 2023 | Complete | 0.25 | | 2023-10-30 06:58 PM | N/A |
| SOP 11 Safe Procedures for Fire Extinguishers - 2021 | Complete | 0.42 | | 2021-06-01 11:04 PM | N/A |
| SOP 11 Safe Procedures for Fire Extinguishers - 2022 | Complete | 0.42 | | 2022-05-25 01:45 AM | N/A |
| SOP 11 Safe Procedures for Fire Extinguishers - 2023 | Complete | 0.42 | | 2023-05-04 12:45 PM | N/A |
| SOP 12 Safe Procedures for Hand and Power Tools - 2020 | Complete | 0.5 | 80 | 2020-08-17 07:41 PM | N/A |
| SOP 12 Safe Procedures for Hand and Power Tools - 2021 | Complete | 0.5 | 80 | 2021-09-19 11:16 PM | N/A |
| SOP 12 Safe Procedures for Hand and Power Tools - 2022 | Complete | 0.5 | 100 | 2022-09-02 09:01 PM | N/A |
| SOP 12 Safe Procedures for Hand and Power Tools - 2023 | Complete | 0.25 | | 2023-09-15 11:14 PM | N/A |
| SOP 13 (Spanish Version) Ladder and Scaffolding Safety - 2023 | Complete | 0.25 | | 2023-10-30 07:30 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 13 Ladder and Scaffolding Safety - 2020 | Complete | 0.33 | 80 | 2021-07-19 01:25 PM | N/A |
| SOP 13 Ladder and Scaffolding Safety - 2021 | Complete | 0.33 | 80 | 2021-10-05 01:50 PM | N/A |
| SOP 13 Ladder and Scaffolding Safety - 2022 | Complete | 0.25 | | 2022-10-31 08:28 PM | N/A |
| SOP 13 Ladder and Scaffolding Safety - 2023 | Complete | 0.25 | | 2023-10-30 07:23 PM | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2020 | Complete | 0.25 | 100 | 2020-09-16 11:13 PM | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2020 ILC | Not Started | | | | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2021 | Complete | 0.33 | | 2021-11-14 10:00 PM | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2022 | Complete | 0.33 | | 2022-11-02 10:31 AM | N/A |
| SOP 14 Safe Procedures for Leachate and Condensate Systems - 2023 | Complete | 0.25 | | 2023-11-02 01:03 PM | N/A |
| SOP 15 Safe Procedures for Lockout/Tagout - 2020 | Complete | 0.4 | 80 | 2020-11-02 11:48 PM | N/A |
| SOP 15 Safe Procedures for Lockout/Tagout - 2021 | Complete | 0.42 | | 2021-11-15 12:35 AM | N/A |
| SOP 15 Safe Procedures for Lockout/Tagout - 2022 | Complete | 0.42 | | 2022-09-02 09:36 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 15 Safe Procedures for Lockout/Tagout - 2023 - (Spanish) | Complete | 0.5 | | 2023-09-27 09:11 AM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling | Complete | | | 2024-02-09 10:34 AM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling | Complete | | | 2025-02-13 11:08 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2020 | Complete | 0.16 | 80 | 2020-08-17 09:16 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2021 ILC | Not Started | | | | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2021 | Complete | 0.25 | 100 | 2021-09-19 11:43 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2022 | Complete | 0.25 | | 2022-07-27 07:55 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling - 2023 | Complete | 0.25 | | 2023-07-31 04:29 PM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping | Complete | | 83.3 | 2024-02-07 07:37 PM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping | Complete | | 83.3 | 2025-03-06 01:15 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping - 2020 | Complete | 0.25 | 100 | 2020-09-16 10:03 PM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping - 2021 | Complete | 0.25 | 80 | 2021-11-14 10:51 PM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping - 2022 | Complete | 0.25 | 83.3 | 2022-11-02 10:44 AM | N/A |
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping - 2023 | Complete | 0.25 | 100 | 2023-11-02 01:59 PM | N/A |
| SOP 19 Site Sanitation and Decontamination Procedures - 2021 | Complete | 0.33 | | 2021-01-06 09:43 PM | N/A |
| SOP 19 Site Sanitation and Decontamination Procedures - 2022 | Complete | 0.33 | | 2022-03-30 10:30 PM | N/A |
| SOP 19 Site Sanitation and Decontamination Procedures - 2023 | Complete | 0.33 | | 2023-03-03 03:13 PM | N/A |
| SOP 2 Site and Project H&S Plans | Complete | 0.25 | | 2024-01-11 09:08 PM | N/A |
| SOP 2 Site and Project H&S Plans - 2020 | Complete | 0.25 | 100 | 2020-07-23 03:25 PM | N/A |
| SOP 2 Site and Project H&S Plans - 2021 | Complete | 0.25 | | 2021-03-03 04:49 PM | N/A |
| SOP 2 Site and Project H&S Plans - 2022 | Complete | 0.25 | | 2022-02-02 11:36 PM | N/A |
| SOP 2 Site and Project H&S Plans - 2023 | Complete | 0.25 | | 2023-01-04 01:49 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 21 Safe Procedures for Biological Hazards - 2021 | Complete | 0.5 | 80 | 2021-04-26 02:11 PM | N/A |
| SOP 21 Safe Procedures for Biological Hazards - 2022 | Complete | 0.5 | | 2022-05-31 09:31 PM | N/A |
| SOP 21 Safe Procedures for Biological Hazards - 2022 (ILC) | Not Started | | | | N/A |
| SOP 21 Safe Procedures for Biological Hazards - 2023 | Complete | 0.5 | | 2023-03-13 10:22 PM | N/A |
| SOP 22 Monitoring for Atmospheric Hazards - 2021 | Complete | 0.6 | | 2021-04-15 11:34 PM | N/A |
| SOP 22 Monitoring for Atmospheric Hazards - 2022 | Complete | 0.5 | | 2022-04-25 11:26 PM | N/A |
| SOP 22 Monitoring for Atmospheric Hazards - 2023 | Complete | 0.5 | | 2023-03-13 10:58 PM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls | Complete | 0.42 | | 2023-07-31 04:53 PM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls - 2020 | Complete | 0.25 | | 2020-07-23 05:26 PM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls - 2021 | Complete | 0.25 | | 2021-11-15 12:09 AM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls - 2022 | Complete | 0.42 | | 2022-07-27 07:28 PM | N/A |
| SOP 24 Avoidance of Slips, Trips, and Falls - 2023 (Spanish) | Complete | 0.42 | | 2023-07-31 05:45 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards | Complete | | | 2024-02-09 11:50 AM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards | Complete | | | 2025-03-06 11:26 AM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2020 | Complete | 0.33 | | 2020-11-03 12:19 AM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2021 | Complete | 0.5 | | 2021-11-14 09:12 PM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2021 ILC | Not Started | | | | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2022 | Complete | 0.5 | | 2022-10-31 08:57 PM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards - 2023 | Complete | 0.5 | | 2023-10-30 07:41 PM | N/A |
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards | Complete | 0.33 | | 2024-02-09 11:06 AM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards - 2021 | Complete | 0.33 | | 2021-06-01 11:27 PM | N/A |
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards - 2022 | Complete | 0.33 | | 2022-05-27 02:04 PM | N/A |
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards - 2023 | Complete | 0.33 | | 2023-03-14 12:29 AM | N/A |
| SOP 26 Safe Procedures for All-Terrain Vehicles (ATVs) and Watercraft - 2020 | Complete | 0.25 | | 2020-09-16 10:26 PM | N/A |
| SOP 26 Safe Procedures for ATVs, UTVs, and Watercraft - 2021 | Complete | 0.25 | | 2021-11-14 09:36 PM | N/A |
| SOP 26 Safe Procedures for ATVs, UTVs, and Watercraft - 2022 | Complete | 0.25 | | 2022-11-02 11:01 AM | N/A |
| SOP 26 Safe Procedures for ATVs, UTVs, and Watercraft - 2023 | Complete | 0.25 | | 2023-11-02 12:46 PM | N/A |
| SOP 27 OSHA and Regulatory Agency Inspections | Complete | 0.33 | 100 | 2020-07-23 06:26 PM | N/A |
| SOP 31: Crew Activity Plan (CAP) | Complete | | 100 | 2023-05-04 12:01 PM | N/A |
| SOP 31: Crew Activity Plan (CAP) | Complete | | 100 | 2024-03-17 06:20 PM | N/A |
| SOP 31: Crew Activity Plan (CAP) | Complete | | 100 | 2025-01-12 11:46 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 32 Wildfire Smoke | Complete | 0.5 | | 2023-07-31 05:43 PM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure | Complete | 0.25 | | 2024-01-11 01:05 PM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure - 2020 | Complete | 0.5 | 90 | 2020-07-23 02:12 PM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure - 2021 | Complete | 0.5 | 100 | 2021-01-06 08:57 PM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure - 2022 | Complete | 0.5 | 100 | 2022-02-03 09:02 PM | N/A |
| SOP 4 JTSA and PPE Assessment Procedure - 2023 | Complete | 0.25 | | 2023-01-04 02:05 PM | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2020 | Complete | 0.25 | 80 | 2020-07-24 03:47 PM | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2021 | Complete | 0.25 | 80 | 2021-08-01 05:58 PM | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2021 ILC | Not Started | | | | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2022 | Complete | 0.25 | | 2022-08-22 10:58 PM | N/A |
| SOP 6 Safe Procedures for Forklift, Heavy Machinery Operations, and Aerial Lifts - 2023 | Complete | 0.25 | | 2023-08-21 11:25 AM | N/A |
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2020 | Complete | 0.25 | 80 | 2020-08-17 08:41 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2021 | Complete | 0.25 | | 2021-09-19 10:12 PM | N/A |
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2021 ILC | Not Started | | | | N/A |
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2022 | Complete | 0.25 | | 2022-09-02 08:17 PM | N/A |
| SOP 7 Compressed Air and Compressed Gas Cylinders - 2023 | Complete | 0.25 | | 2023-09-15 11:08 PM | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2020 | Complete | 0.25 | 100 | 2020-09-16 09:20 PM | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2020 ILC | Not Started | | | | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2021 | Complete | 0.25 | 80 | 2021-11-14 10:31 PM | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2021 ILC | Not Started | | | | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2022 | Complete | 0.25 | 100 | 2022-08-23 12:11 AM | N/A |
| SOP 8 Safe Procedures for Drilling and Well Installation - 2023 | Complete | 0.25 | | 2023-08-21 11:43 AM | N/A |
| The SAFE Process - 2020 | Complete | 0.3 | | 2020-07-23 03:48 PM | N/A |
| TSOP 109 - FS OM&M Introductory Competencies *Version: 5* | Complete | 2 | | 2020-07-24 10:34 AM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| TSOP 220 - General Inspection and Maintenance of Tools and Equipment *Version: 9* | Complete | 0.33 | | 2020-07-24 01:01 PM | N/A |
| Vantagepoint - Entering Timesheets and Expense Reports | Complete | | | 2024-10-15 02:42 AM | N/A |
| Vantagepoint - Entering Timesheets and Expense Reports - California Employees | Complete | | | 2025-03-06 10:36 AM | N/A |
| Workplace Violence Prevention Program (California) | Complete | | | 2024-07-07 11:45 PM | N/A |
| Workplace Violence Prevention Program (California) | Not Started | | | | N/A |

**Curricula Enrollments**

| Curriculum Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 2021 8-Hour HAZWOPER Refresher | Complete | | | 2021-07-16 12:59 PM | N/A |
| 2022 8-Hour HAZWOPER Refresher | Complete | | | 2022-02-06 06:02 PM | N/A |
| 2023 8-Hour HAZWOPER Refresher | Complete | | | 2023-03-14 12:06 AM | N/A |
| HS 202007 July 2020 Health and Safety Training | Complete | | | 2020-07-24 03:47 PM | N/A |
| HS 202008 August 2020 Health and Safety Training | Complete | | | 2020-08-17 09:16 PM | N/A |
| HS 202009 September 2020 Health and Safety Training - OM&M and Construction | Complete | | | 2020-09-16 11:13 PM | N/A |
| HS 202010 October 2020 Health and Safety Training | Complete | | | 2020-11-02 11:48 PM | N/A |
| HS 202011 November 2020 Health and Safety Training | Complete | | | 2020-11-03 12:19 AM | N/A |

| Curriculum Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| HS 202101 Jan 2021 Health and Safety Training | Complete | | | 2021-01-06 09:43 PM | N/A |
| HS 202103 Mar 2021 Health and Safety Training | Complete | | | 2021-03-03 05:37 PM | N/A |
| HS 202104 April 2021 Health and Safety Training | Complete | | | 2021-04-26 04:14 PM | N/A |
| HS 202105 May 2021 Health and Safety Training | Complete | | | 2021-06-01 11:27 PM | N/A |
| HS 202107 July 2021 Health and Safety Training | Complete | | | 2021-08-09 12:17 AM | N/A |
| HS 202108 August 2021 Health and Safety Training | Complete | | | 2021-09-19 11:43 PM | N/A |
| HS 202109 September 2021 Health and Safety Training | Complete | | | 2021-11-14 10:51 PM | N/A |
| HS 202110 October 2021 Health and Safety Training | Complete | | | 2021-11-14 11:28 PM | N/A |
| HS 202111 November 2021 Health and Safety Training | Complete | | | 2021-11-15 12:35 AM | N/A |
| HS 202111 November 2021 Health and Safety Training - SMM | Complete | | | 2022-03-25 01:54 PM | N/A |
| HS 202201 January 2022 Health and Safety Training | Complete | | | 2022-02-06 06:15 PM | N/A |
| HS 202203 March 2022 Health and Safety Training | Complete | | | 2022-03-31 12:11 AM | N/A |
| HS 202204 April 2022 Health and Safety Training | Complete | | | 2022-04-25 11:26 PM | N/A |
| HS 202205 May 2022 Health and Safety Training | Complete | | | 2022-05-31 09:31 PM | N/A |
| HS 202207 July 2022 Health and Safety Training | Complete | | | 2022-07-27 07:55 PM | N/A |
| HS 202208 August 2022 Health and Safety Training - OMM, Construction, HAZWOPER | Complete | | | 2022-08-23 12:11 AM | N/A |
| HS 202209 September 2022 Health and Safety Training | Complete | | | 2022-09-02 09:36 PM | N/A |

| Curriculum Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| HS 202210 October 2022 Health and Safety Training | Complete | | | 2022-10-31 08:57 PM | N/A |
| HS 202211 November 2022 Health and Safety Training | Complete | | | 2022-11-02 11:01 AM | N/A |
| HS 202301 January 2023 Health and Safety Training | Complete | | | 2023-01-04 02:05 PM | N/A |
| HS 202303 March 2023 Health and Safety Training (OMM/Const/PCTS/EnergyCon/SMM/AQM) | Complete | | | 2023-03-13 10:22 PM | N/A |
| HS 202304 April 2023 Health and Safety Training (OMM/Const/PCTS/Energy/AQM) | Complete | | | 2023-04-20 01:53 AM | N/A |
| HS 202305 May 2023 Health and Safety Training (OMM/Const/PCTS/Energy/Tracer/SMM) | Complete | | | 2023-05-04 12:45 PM | N/A |
| HS 202307 July 2023 Health and Safety Training (OMM/Const/PCTS/Energy/Tracer AQM/SMM) | Complete | | | 2023-07-31 04:53 PM | N/A |
| HS 202308 August 2023 Health and Safety Training (OMM/Const/SW and ES HAZWOPER/BU09 SW and ES Non-HAZWOPER) | Complete | | | 2023-08-21 11:43 AM | N/A |
| HS 202309 September 2023 Health and Safety Training (OMM/Const/SW and ES HAZWOPER and NonHAZWOPER, Energy, Tracer AQM) | Complete | | | 2023-09-27 09:11 AM | N/A |
| HS 202310 October 2023 Health and Safety Training (OMM/Const/SW HAZWOPER and NonHAZWOPER, Energy, Tracer AQM and Risk) | Complete | | | 2023-10-30 07:41 PM | N/A |
| HS 202311 November 2023 Health and Safety Training (OMM/Const) | Complete | | | 2023-11-02 01:59 PM | N/A |

| Curriculum Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| New Employee H&S Orientation, Part 1 (not current) | Complete | | | 2020-07-23 03:48 PM | N/A |
| New Employee H&S Orientation, Part 2 (not current) | Complete | | | 2020-07-23 06:26 PM | N/A |
| Republic SOP Training | Complete | | | 2020-07-24 05:51 PM | N/A |

**External Training**

| Course Name | Status | Completion Date |
|---|---|---|
| 40-Hour HAZWOPER Initial | Approved | 2009-01-05 03:00 AM |

**Times Displayed in (UTC-05:00) Eastern Time (US & Canada)**

# Heat Fusion Equipment (HFE) Operators Qualification Certificate

ISCO Industries, Inc. is issuing this Qualification Certificate to:

| HFE Operator Name | Angel Odgers |
|---|---|

For successful completion of training, assessment and qualification based on the requirements of
ASTM F3190-21 and following the Practice ASTM F2620-20 utilizing MMI McElroy heat fusion equipment for:

- **Butt Fusion**
  - Hydraulic Mid-Range (sizes of 2" – 20" IPS)
  - Performance Examination (hydraulic butt fusion) with a data recording device conforming to ASTM F3124

| | |
|---|---|
| **HFE Operator Certificate Number** | 20231503 |
| **Qualification Issued Date** | 4/18/2023 |
| **Qualification Expiration Date**<br>(Expiration shall be two years from issuance date) | 4/18/2025 |

# Al. Odgers

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

Alberto Odgers

has fulfilled the training requirements for the

**Annual 8-Hour Refresher for**
**Hazardous Waste Operations and Emergency Response**
in compliance with 29 CFR 1910.120 (e),(q)(8)

Sandra Ripplinger

Instructor: Sandra Ripplinger, CIH, CSP
Corporate Health & Safety Director, SCS Engineers

Date: 01/11/2024

# NATIONAL ENVIRONMENTAL TRAINERS

## Certificate of Completion

*Alberto Odgers*

has satisfactorily passed an exam and completed a 40-hour training course entitled

**40 Hour HAZWOPER 1910.120 (e)**

meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations). This course has been awarded 6.68 Industrial Hygiene CM Points by the American Board of Industrial Hygiene-Approval Number 13334. This course is also eligible for 4 Continuance of Certification (COC) points from the Board of Certified Safety Professionals.

**Completion Date: 02/22/2021**

**Certificate Number: 715553**

Amy Bonilla
Vice President

Paul J. Colangelo
Training Facilitator

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www.nationalenvironmentaltrainers.com

11635 Northpark Dr, Suite 360, Wake Forest, NC 27587

The Official Site of Environmental Health & Safety Training®

# Heat Fusion Equipment (HFE) Operators Qualification Certificate

ISCO Industries, Inc. is issuing this Qualification Certificate to:

| HFE Operator Name | Alberto Odgers |
|---|---|

For successful completion of training, assessment and qualification based on the requirements of
ASTM F3190-21 and following the Practice ASTM F2620-20 utilizing MMI McElroy heat fusion equipment for:

- **Butt Fusion**
  - Hydraulic Mid-Range (sizes of 2" – 20" IPS)
  - Performance Examination (hydraulic butt fusion) with a data recording device conforming to ASTM F3124

| | |
|---|---|
| **HFE Operator Certificate Number** | 20231502 |
| **Qualification Issued Date** | 4/18/2023 |
| **Qualification Expiration Date**<br>(Expiration shall be two years from issuance date) | 4/18/2025 |

F. Hernandez

# Transcript for Franco Hernandez 2025-06-11

### Details

| Name | Email Address |
|---|---|
| Franco Hernandez | fhernandez@scsengineers.com |

### Credits

**6.83** General

**0.5** Health and Safety

### Badges

### Competencies

| Competency Name | Level | Category | Expires |
|---|---|---|---|
| Dangerous Goods Shipping | 1 | SCS Certified | |

### Certificates

| Course Name | Valid From | Expires |
|---|---|---|
| Dangerous Goods Shipping | 2025-03-31 03:48 PM | 2027-03-31 03:48 PM |
| SCS Ethics Annual Training | 2024-09-10 02:42 PM | |

### Online and Instructor Led Course Enrollments

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202409 OMM TeleTailgate for September 2024 (SOP 12) (ILC) | Complete | 0.5 | 100 | 2024-09-10 09:30 AM | 0d 0h 0m 0s |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| 202410 OMM TeleTailgate for October 2024 (SOP 13) (ILC) | Complete | 0.5 | 100 | 2024-10-07 08:30 AM | 0d 0h 0m 0s |
| 202411 OMM TeleTailgate for November 2024 (Appendix I) (ILC) | Complete | 0.5 | 100 | 2024-11-04 11:30 AM | 0d 0h 0m 0s |
| 202412 OMM TeleTailgate for December 2024 (SOP 15) (ILC) | Complete | 0.5 | 100 | 2024-12-18 01:30 PM | 0d 0h 0m 0s |
| 202501 OMM TeleTailgate for January 2025 (Appx K) (ILC) | Complete | 0.5 | 100 | 2025-01-06 11:30 AM | 0d 0h 0m 0s |
| 202502 OMM TeleTailgate for February 2025 (SOP 14) (ILC) | Complete | 0.5 | 100 | 2025-02-03 11:30 AM | 0d 0h 0m 0s |
| 202503 OMM TeleTailgate for March 2025 (SOP 7) (ILC) | Complete | 0.5 | 100 | 2025-03-03 12:00 PM | 0d 0h 0m 0s |
| 202504 OMM TeleTailgate for April 2025 (Hand Safety) (ILC) | Complete | 0.5 | 100 | 2025-04-07 11:30 AM | 0d 0h 0m 0s |
| 202505 OMM TeleTailgate for May 2025 (SOP 22) (ILC) | Complete | 0.5 | 100 | 2025-05-29 02:30 PM | 0d 0h 0m 0s |
| 202506 OMM TeleTailgate for June 2025 (SOP 11) (ILC) | Complete | 0.5 | 100 | 2025-06-10 12:30 PM | 0d 0h 0m 0s |
| Appendix J Excavation and Construction Earthwork Program | Complete | | | 2024-09-09 06:03 PM | N/A |
| Appendix J Excavation and Construction Earthwork Program - 2023 | Complete | 0.5 | | 2025-03-06 02:00 PM | N/A |
| Appendix P Electrical Safety Program | Complete | | | 2024-09-09 05:05 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| Dangerous Goods Shipping - SCS Certified *Version: 7* | Complete | | 100 | 2025-03-31 03:48 PM | N/A |
| Drilling Atop Lined Landfills - SCS Certified | In Progress | | 80 | | N/A |
| Email Security - Don't Be Fooled: 6 Things to Look for in a Suspicious Email | Complete | | | 2024-09-09 06:28 PM | N/A |
| Introduction to the SCS Quality Management System | Complete | | | 2024-09-23 05:24 PM | N/A |
| Lessons Learned 2024 - Fourth Quarter ILC | Complete | | 100 | 2024-10-25 06:06 PM | 0d 0h 0m 0s |
| Lessons Learned 2024 - Third Quarter ILC | Complete | | | 2024-09-19 03:30 PM | 0d 0h 0m 0s |
| Lessons Learned 2025 - First Quarter ILC | Complete | | | 2025-01-14 01:00 PM | 0d 0h 0m 0s |
| Lessons Learned 2025 - Second Quarter ILC | Complete | | 100 | 2025-04-08 01:00 PM | 0d 0h 0m 0s |
| Phase I Environmental Site Assessment - SCS Certified (Information Only) | Complete | | | 2025-03-06 01:23 PM | N/A |
| Quality Management System Annual Training (ILC) | Complete | | 100 | 2024-12-18 03:00 PM | 0d 0h 0m 0s |
| SCS Ethics (Annual Requirement) | Complete | | | 2024-09-10 02:42 PM | N/A |
| SOP 10 Safe Procedures for Fall Protection | Complete | | 100 | 2024-09-09 04:32 PM | N/A |
| SOP 17 Safe Procedures for Material Use, Storage, and Handling | Complete | | | 2024-09-09 06:13 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| SOP 18 Safe Procedures for Polyethylene and PVC Pipe Fusion & Tapping | Complete | | 100 | 2024-09-09 05:37 PM | N/A |
| SOP 25 Avoidance and Prevention of Cold Stress, and Other Weather-Related Hazards | Complete | | | 2024-09-09 06:22 PM | N/A |
| SOP 25 Avoidance and Prevention of Heat Stress, and Other Weather-Related Hazards | Complete | 0.33 | | 2024-09-10 10:36 AM | N/A |
| SOP 31: Crew Activity Plan (CAP) | Complete | | 100 | 2024-09-10 11:18 AM | N/A |
| TSOP 103: Federal Operating Standards for MSW Landfills | Complete | | | 2024-09-09 05:26 PM | N/A |
| TSOP 109 - FS OM&M Introductory Competencies *Version: 5* | Complete | | | 2024-09-10 12:35 PM | N/A |
| TSOP 115 - Working in Potentially Flammable Atmospheres *Version: 12* | Complete | | | 2024-09-10 01:38 PM | N/A |
| TSOP 207 - Four Gas Personal Monitors *Version: 9* | Complete | | | 2024-09-10 11:34 AM | N/A |
| TSOP 220 - General Inspection and Maintenance of Tools and Equipment *Version: 9* | Complete | | | 2024-09-10 11:45 AM | N/A |
| TSOP 304 - Surface Emissions Monitoring (SEM) *Version: 1* | Complete | 0.5 | | 2025-03-06 12:08 PM | N/A |
| TSOP 309 - Perimeter Probe Monitoring *Version: 5* | Complete | 0.5 | | 2025-03-06 12:43 PM | N/A |

| Course Name | Status | Credits | Score | Completion Date | Break Duration |
|---|---|---|---|---|---|
| TSOP 401 - Landfill Extraction Well Tuning | In Progress | | | | N/A |
| TSOP 491 - Elevated Temperature Landfills *Version: 5* | Complete | 0.25 | | 2025-03-06 01:19 PM | N/A |
| TSOP 502 - HDPE Pipe Fusion | In Progress | | | | N/A |
| TSOP 601 - Republic Services SOP Core Training | Complete | 0.25 | | 2024-09-09 03:33 PM | N/A |
| Workplace Violence Prevention Program (California) | Complete | | | 2024-09-09 04:02 PM | N/A |

**Curricula Enrollments**

*No active curricula enrollments*

**External Training**

| Course Name | Status | Completion Date |
|---|---|---|
| 40 Hour HAZWOPER Training | Approved | 2024-09-08 03:00 AM |

**Times Displayed in (UTC-05:00) Eastern Time (US & Canada)**

Z. Hess

(Certification in Progress)

A. Padilla

# NATIONAL ENVIRONMENTAL TRAINERS

## Certificate of Completion

*Adrian Padilla*

has satisfactorily passed an exam and completed a 40-hour training course entitled

**40 Hour HAZWOPER 1910.120 (e)**

meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations). This course has been awarded 6.68 Industrial Hygiene CM Points by the American Board of Industrial Hygiene-Approval Number 13334. This course is also eligible for 4 Continuance of Certification (COC) points from the Board of Certified Safety Professionals.

**Completion Date: 02/22/2021**

**Certificate Number: 662441**

Amy Bonilla
Vice President

Paul J. Colangelo
Training Facilitator

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SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Adrian Padilla***

**has successfully completed Class 7 Forklift Operator Training**
In compliance with 29 CFR 1910.178(I)(1)

Instructor: Brian Morrison
Regional Health & Safety Specialist

Class Date: 7/27/2022

SCS ENGINEERS

# Certificate of Completion of Training Requirement

This certifies that the following employee

***Adrian Padilla***

has successfully completed training requirements satisfying the OSHA Standards for General Industry Permit Required Confined Spaces and has successfully passed a written examination on the practices and procedures.

**16-Hour Confined Space Hazards & Rescue**
29 CFR 1910.146 and 8 CCR 5157

Instructors: Brian Morrison – Region H&S Specialist

Class Date: 4/4/2021

American Red Cross
Training Services

# Certificate of Completion

Adrian Padilla

has successfully completed requirements for

**Adult First Aid/CPR/AED**

Date Completed: 10/11/2023
Validity Period: 2 Years

Conducted by: Heart CPR

To verify certificate, scan code or visit redcross.org/digitalcertificate and enter ID.

Learn and be inspired at LifesavingAwards.org

01C0R06

American Red Cross
Training Services

# CEU

Adrian Padilla

has successfully completed requirements for

**Adult First Aid/CPR/AED-r.21**

Date Completed: 10/11/2023

Contact Hours: 3.0
CEUs Awarded: 0.3

Learn and be inspired at LifesavingAwards.org

A. Rodriguez

NATIONAL ENVIRONMENTAL TRAINERS

A TPC COMPANY

# Certificate of Completion

## *Adrian Rodriguez*

has satisfactorily passed an exam and completed a 40-hour training course entitled

**40 Hour HAZWOPER Training**

meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations).

**Completion Date: 02/14/2024**

**Certificate Number: 548041**

Amy Bonilla

**Amy Bonilla**
**Vice President**

**David Couch**
**Course Instructor**

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