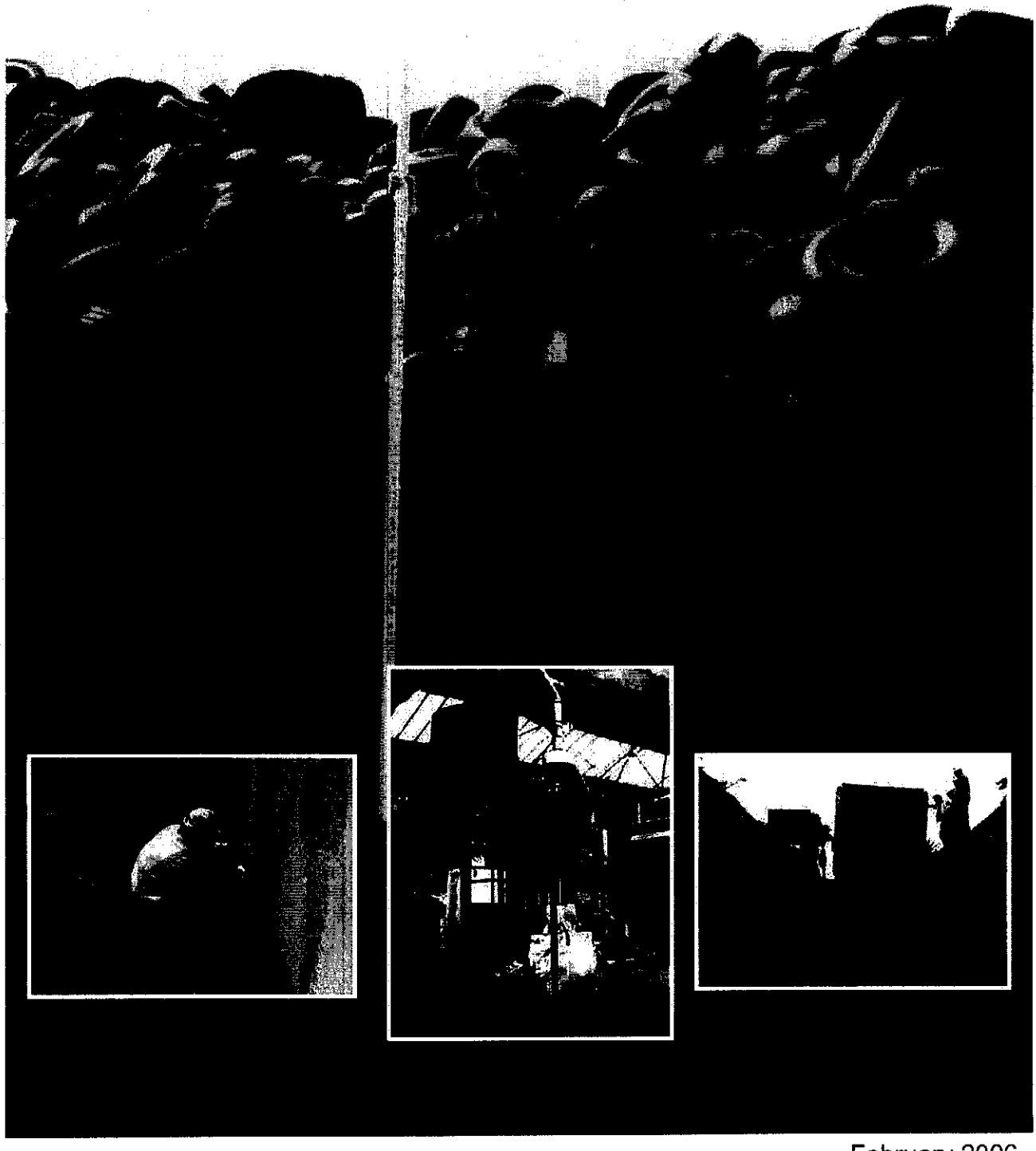
SCS ENGINEERS

KENNEC Earth Engineering, LLC

Statement of Qualifications:

CONSTRUCTION MANAGEMENT AND RESEARCH IN CIVIL ENGINEERING APPLICATIONS USING TIRE-DERIVED AGGREGATE

Contract No. IWM-05058



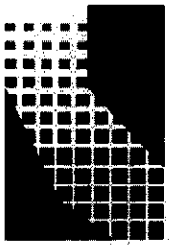
Q205-21

February 2006

STATEMENT OF QUALIFICATIONS

CONSTRUCTION MANAGEMENT AND RESEARCH IN CIVIL ENGINEERING APPLICATIONS USING TIRE-DERIVED AGGREGATE

Contract No. IWM-05058



Prepared for:

California Integrated Waste Management Board
c/o California Environmental Protection Agency's
Visitors and Environmental Service Center
1001 "I" Street, 1st Floor
Sacramento, California 95814

Prepared by:

SCS ENGINEERS

6601 Koll Center Parkway, #140
Pleasanton, California 94568

February 17, 2006
File No. Q205-21

Table of Contents

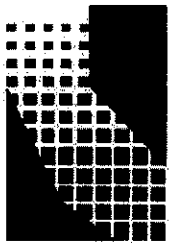
Completion Checklist for
Construction Management and Research in Civil Engineering Applications Using Tire Derived Aggregate
Request for Qualifications - IWM05058

Please use this checklist to assist in your preparation of the SOQ package to ensure that the following items are included in your submittal:

Enclosed	Signed cover letter printed on company letterhead
Enclosed	One (1) unbound reproducible original SOQ package marked "Original"
Enclosed	One (1) electronic copy of the SOQ package on CD-R viewable thru Adobe Acrobat Reader
Yes	All documents submitted double-sided on paper with a minimum of 30% post-consumer recycled content fiber, as attested to in the cover letter
Appendix B	Evidence of a valid California Class A General Engineering Contractors License
Appendix G	Evidence of at least one registered Professional Civil Engineer (PE) who is currently licensed through the California Board for Professional Engineers and Land Surveyors
Appendix C	Notarized Statement from Financial Institution
Appendix D	Audited or Reviewed Financial Statement
Appendix F	Resumes of Key Personnel
Exhibit 1	Organizational Chart
Section 4	Attachment A, Small Business/DVBE Participation Requirements Certification
Section 4	Attachment B, Government Code Section 87100 Form
Section 4	Attachment C, PCC Section 10162 Questionnaire, PCC Section 10285.1 Statement, and Non-Collusion Statement
NOTE -	**If any of the above items are missing from the submitted proposal package, your package will be considered incomplete and may be disqualified from the process.**

The following forms are only required upon submittal as applicable pursuant to the provisions outlined in Section III, Minimum Qualifications, Subsections C and D:

Section 4	Attachment D, Small Business/Disabled Veteran Business Enterprise (DVBE) Participation Summary
N/A	Attachment E, Demonstration of Good Faith Efforts



Section 1

Cover Letter

Environmental Consultants

6601 Koll Center Parkway
Suite 140
Pleasanton, CA 94566

Tel 925-426-0080
FAX 925-426-0707
www.scsengineers.com

SCS ENGINEERS

February 17, 2006
File No. Q 205-21

California Integrated Waste Management Board
c/o California Environmental Protection Agency's
Visitor's and Environmental Services Center
Attn: Tiffany Donohue
1001 "I" Street, First Floor
Sacramento, California 95814

Subject: Statement of Qualifications
Construction Management and Research in Civil Engineering Applications Using Tire-Derived Aggregate
Contract Number IWM-05058

Dear Ms. Donohue:

SCS Engineers (SCS), in conjunction with KENNEC Earth Engineering, LLC, is submitting the enclosed Statement of Qualifications (SOQ) in response to the above-referenced request for qualifications (RFQ) issued by your organization on January 6, 2006 and subsequent addenda.

We understand the selected consultant will provide California Integrated Waste Management Board (CIWMB) staff with the resources necessary to provide construction oversight, technical assistance, public outreach and production support to government agencies and private parties using waste tire-derived aggregate (TDA) in civil engineering applications. Construction projects using tire-derived aggregate are underway or planned throughout California.

SCS is well qualified to assist the CIWMB with its TDA program. The firm was founded in 1970 to provide solid waste consulting and engineering services. Thirty-six years later, solid waste engineering remains as our core expertise and largest practice area, accounting for over 60 percent of our annual revenue. With over 130 employees in nine offices located throughout California, we have all of engineering, construction management and staffing required to successfully complete your projects on-time and within budget.

Our project team is made up of experienced staff professionals and subcontractors who are committed to meeting CIWMB project objectives and schedules.

The SCS Project Team can provide all necessary resources on a fast-track basis. Our staff includes a Program Manager located in Sacramento, and technical support Task Managers located throughout California to provide geographic coverage across the state. SCS maintains full-service engineering offices in Sacramento, the San Francisco Bay Area, Santa Rosa, the Central Valley, the Los Angeles metropolitan area, the North Coast, and San Diego.

The SCS Project Team offers the following:

Program Manager – Our team will be managed by ***Ambrose McCready, P.E.***, who works in the SCS Sacramento office. He has 33 years of professional experience on a variety of engineering design and construction projects for landfills, earth structures including dams, roadways, embankments, waste holding ponds, evaporation ponds and environmental mitigation systems. Mr. McCready is experienced in managing multiple task and multiple site projects with a number of technical disciplines and subcontractors involved. He will be available to the CIWMB and will be committed to providing the resources needed to complete each assignment on time and within budget.

Joaquin Wright of KENNEC Earth Engineering will serve as assistant program manager as a subcontractor to SCS. *Mr. Wright has been involved with the CIWMB's TDA program since its inception and provides valuable insight, experience and know-how to ensure continuity and continued success of the project.*

SCS Project Team – SCS has selected an experienced project support team. SCS personnel will fill key roles in project management and technical fields based on their experience in the required project disciplines and proximity to TDA project sites. Our Task Managers will be matched to specific assignments based on their expertise and to provide the best statewide coverage possible. They will select technical support staff from a pool of qualified individuals and subcontractors.

Subcontractors – We are pleased to team with a group of subcontractors that enhance our capabilities and geographic coverage in California. KENNEC Earth Engineering, LLC will serve as prime subcontractor. SCS has made arrangements with a number of other firms who can provide surveying, materials testing, geotechnical support and public outreach services on an as-needed basis, depending on project location and scope. Our team members have existing or pending certifications as Small Business or Disabled Veteran Business Enterprise. *SCS sees no difficulty in achieving CIWMB goals for Small Business and Disabled Veterans Business Enterprise (S/DVBE) participation.*

SUCCESSFUL PARTNERSHIP WITH THE CIWMB

The SCS Project Team has a track record of successfully completing projects as demonstrated in the SOQ. We are eager to continue this performance as a partner to the CIWMB on this important project. We are committed to maintaining close communications between SCS and CIWMB project managers.

RFQ REQUIREMENTS

The following information is also provided in accordance with the RFQ:

a. Name and address of firm submitting qualifications:

Stearns, Conrad & Schmidt Consulting Engineers, Inc. (dba SCS Engineers)
6601 Koll Center Parkway, Suite 140
Pleasanton, California 94566

b. Name, telephone number and e-mail address of contact person for further information:

Ambrose A. McCready, P.E.
Program Manager
Tel (916) 361-1297
amccready@scsengineers.com

c. Name, title, address, telephone number and e-mail address of individuals with the authority to negotiate and execute a binding agreement on behalf of the firm:

Joseph J. Miller, P.E.
Vice President
SCS Engineers
6601 Koll Center Parkway, Suite 140
Pleasanton, California 94566
(925) 426-0080
jmiller@scsengineers.com

d. The signatures affixed hereon certify that the submittal is a firm and irrevocable offer good for 90 days as of the date of this writing.

e. The paper used in the compilation of this SOQ package contains a minimum of 30 percent post-consumer recycled content fiber.

CLOSING

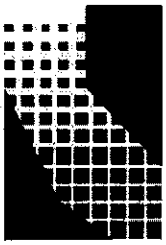
SCS looks forward to your favorable consideration and an opportunity to discuss our qualifications in further detail.

Very truly yours,

Ambrose A. McCready, P.E.
Vice President / Senior Technical Manager
SCS ENGINEERS

Joseph J. Miller, P.E.
Vice President

Enclosures:
1 – Unbound, original SOQ
1 – Electronic copy of the SOQ package on CD-R viewable through Adobe Acrobat Reader



Section 2

Statement of Qualifications Forms SOQ-1 through SOQ-10

SECTION VI

STATEMENT OF QUALIFICATIONS

A. GENERAL INFORMATION

1. Identification of company submitting this Statement of Qualifications:

   Name of firm: **Stearns, Conrad & Schmidt, Consulting Engineers, Inc. dba SCS Engineers**

   Address: **6601 Koll Center Parkway, Suite 140**

   City: **Pleasanton** State: **CA** Zip: **94566**

   Telephone No: **925-426-0080** Fax No.: **925-426-0707**

2. Person authorized to execute an agreement for the company:

   Name: **Joseph J. Miller, P.E.**

   Title: **Vice President**

3. Type of company (must be one of the following, check applicable):

   ☒ Corporation ☐ Partnership ☐ Individual ☐ Joint Venture

   Are you a Certified Small Business? **No**

   If "YES" attach approval letter from Office of Small Business Certification and Resources, And list your Small Business ID No. _____

4. Taxpayer federal employer identification number: [redacted]

5. Year organized: **1970**

6. Under what other or former names has your company operated:

Name of former company:	Dates of operation:
Not applicable	**Not applicable**

7. Identify total number of current permanent employees: **514**

Construction: **48**

Administration: **110**

Engineering: **352**

Highest manpower level in past five years: **514**

Lowest manpower level in past five years: **333**

8. Identify parent company, if applicable:

Name of firm: **Not applicable**

Address: _____

City: _____ State: _____ Zip: _____

Telephone No: _____ Fax No.: _____

State in which incorporated: _____

9. Agent for Service of Process in California:

Name: **Not applicable**

Address: _____

City: _____ State: _____ Zip: _____

Telephone No: _____ Fax No.: _____

10. If a corporation, complete the following:

Date of incorporation: **1972**

State(s) in which incorporated: **Virginia**

11. If a partnership, complete the following:

Date of organization: **Not applicable**

Type of partnership: ☐ General ☐ Limited

List names and addresses of all partners:

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

12. If a joint venture, list names and addresses of all partners in the joint venture (attach additional sheets if necessary):

Name: **Not applicable**

Address: _____

City: _____ State: _____ Zip: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

B. LICENSING/HEALTH & SAFETY INFORMATION

1. Current Class A, General Engineering Contractor's License. ***(See Appendix B)***
2. Complete the following:

Licensee(s): **Stearns, Conrad & Schmidt Consulting Engineers, Inc.**

License Number(s): **749678**

Expiration Date(s): **5/31/2006**

2. Registered Professional Civil Engineer (PE) who is currently licensed through the California Board for Professional Engineers and Land Surveyors

Licensee(s): **Joseph J. Miller, P.E.**

License Number(s): **C-042598**

Expiration Date(s): **3/31/2006 (renewal in process)**

3. Do you have a written company Illness and Injury Prevention Program? ☒ Yes ☐ No

   If yes, is it signed by a certified Industrial Hygienist? ☒ Yes ☐ No

   Do you employ a full-time certified Industrial Hygienist? ☒ Yes ☐ No

4. What is your OSHA lost-time injury/illness incidence rate for the last 3 years?
   2002 = [redacted]
   2003 =
   2004 =

5. What is your OSHA recordable injury/illness incidence for the last 3 years?
   2002 = [redacted]
   2003 =
   2004 =

6. What is your Workers Compensation Insurance Experience Modification Rate (EMR) for the past 3 years?
   2002 = [redacted]
   2003 =
   2004 =

note: [redacted]

C. FINANCIAL INFORMATION

1. Submit a written statement from your financial institution(s) on letterhead stating the following information: ***(See Appendix C)***

A. Name of company; **Union Bank of California**

B. Date account(s) were opened; **1991**

C. Line of credit? ☒ Yes ☐ No

D. Does the company keep a well-balanced financial position at the bank?

☒ Yes ☐ No

2. Submit an audited or reviewed financial statement, including the Proposer's latest balance sheet and income and expense statement dated within the last 12 months showing the following items (annual reports will not be accepted and will be considered unresponsive): ***(See Appendix D. SCS considers our financial statement to be confidential).***

A. Current assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses).

B. Net fixed assets.

C. Other assets.

D. Current liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes).

E. Other liabilities (e.g., capital, capital stock, authorized and outstanding share par values, earned surplus and related earnings).

F. Name of firm preparing financial statement and date thereof.

G. Is this financial statement for the proposing organization. If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsidiary).

3. Has your company or any of its principals petitioned for bankruptcy within the last 7 years?

☐ Yes ☒ No

If yes, enter the date(s): **Not applicable**

D. PROJECT EXPERIENCE

Include appropriate experience for both the submitting entity and any proposed subcontractors in this part of the Statement of Qualifications. Reproduce this page for each project listed and add a supplemental numbering system at the bottom of the page (e.g., six projects listed, first page would be SOQ-6, Sheet 1 of 6).

To be considered in the evaluation, projects must meet the following requirements:

1. Involves types of work listed in Section V, Scope of Work, of the RFQ.
2. Be successfully completed within the last 5 years.
3. Be of a minimum contract amount of $100,000 for the submitting entity or $25,000 for subcontractors.

Include the name and current telephone number of a client representative who is familiar with the project and can attest to the participation, quality of work, and timeliness of the submitting Contractor or subcontractor in performing the work.

Name of entity claiming experience: **For SCS Engineers and Kennec Earth Engineering see following pages SOQ6, Sheets 1-9. Experience and project citations for other SCS subcontractors are in Appendix E.**

Project name/location: _____

Name of client (owner or prime Contractor): _____

Client contact and current telephone number: _____

Contract amount (listed entity only): _____

Percent of work performed with your entity's resources: _____

Type of work (mark all that apply):

- ☐ Site surveys
- ☐ CQA testing/monitoring
- ☐ Site grading design
- ☐ Drainage system design
- ☐ Erosion control system design
- ☐ Construction management
- ☐ Education/outreach to technical individuals
- ☐ Geotechnical investigations
- ☐ Excavation/embankment design
- ☐ Other: _____

Brief description of the project and your entity's participation: _____

_____

_____

Were liquidated damages applied to the project? ☐ Yes ☐ No

If yes, explain: _____

SCS ENGINEERS PROJECT EXPERIENCE

SCS Engineers is an award-winning environmental engineering and construction firm. Since our founding in 1970, SCS has delivered economically and environmentally sound solid and hazardous waste solutions to public and private clients throughout California, the United States, and abroad. High quality work, emphasizing practical innovation and cost-effective problem solving, is a hallmark of SCS Engineers.

Since 1970, SCS has successfully managed civil and environmental projects on time and within budget.

SCS was ranked as the ***top solid waste management firm in the nation*** by Engineering News-Record in years 2004 and 2005. Our staff members include civil, environmental, geotechnical, and chemical engineers, geologists, environmental scientists, and construction specialists. We provide a full range of engineering, construction and regulatory support services to our clients, from site investigations to design to agency approvals and through construction.

The services we offer and types of projects we perform applicable to the needs of the California Integrated Waste Management Board (CIWMB) for the Construction Management and Research in Civil Engineering Applications Using Tire-Derived Aggregate (TDA) Contract include:

- **Site Investigations and Monitoring**: waste and hazardous materials characterization; geotechnical/slope stability analyses; geophysical studies; hydrology/drainage evaluations; and preparation of corrective action plans.

- **Civil/Environmental Engineering** – Environmental investigations; design and permitting of environmental controls, grading, drainage and erosion control plans, soil embankments, storm water management systems, cost estimating.

- **Construction Management and Quality Assurance:** Construction management, administration, and oversight; CQA observation, testing, and documentation; and contract administration and client support for environmental control and remediation systems, and for closure, clean-closure, and site improvements.

- **Solid Waste Planning** – integrated waste management plan design and implementation, waste characterization studies, waste reduction, recycling, and diversion compliance, public hearings and presentations.

The following pages highlight SCS Engineers' project experience specific to the needs of the CIWMB's TDA contract; ***please refer to pages SOQ-6, sheets 1 through 9***.

ENGINEERING AND CONSTRUCTION MANAGEMENT, CITY OF AUBURN

Consultant: SCS Engineers

Location: Auburn, California

Client: [redacted]

Contract amount: [redacted]

% Performed by SCS: 90%

TYPE OF WORK

•	Site Surveys	•	Construction management
•	CQA testing/monitoring		Education/outreach to technical individuals
•	Site grading design	•	Geotechnical investigations
•	Drainage system design		Excavation/embankment design
•	Erosion control system design		
•	Other		

BRIEF PROJECT DESCRIPTION

SCS was retained to implement improvements to the final cover and drainage systems at the closed Auburn Landfill. The work was in response to regulatory agency requirements for upgrades due to landfill settlement. Site improvements entailed removal of vegetation in those areas affected by subsidence, import and placement of general fill (cover) soils to specified grades, and re-vegetation of disturbed areas.

SCS ENGINEERS PROJECT ELEMENTS

Work was completed in two phases during 2004 and 2005. SCS services included:

- Prepare grading and drainage plan, grading permit application and construction storm water pollution prevention/erosion control plan.
- Pre- and post-construction surveys for verification of pay quantities and as-builts.
- Provide construction services: placement, grading and compaction of 4,000 cu yd import soils, installation of drainage controls, and hydroseeding.
- CQA testing - field observations, surveys and soil compaction/geotechnical testing to verify work proceeded in accordance with project plans.
- Prepare close-out certification report, including daily logs, photos, as-built drawings and engineer's certification.

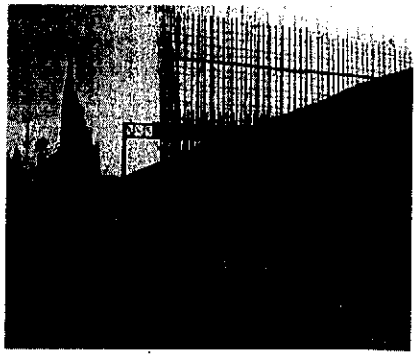
TDA WALL 207 BACKFILL PROJECT

Consultant: Kennec Earth Engineering LLC.

Location: Riverside, California

Client: [redacted]

% Performed by Kennec: 80%



TYPE OF WORK

•	Site Surveys	•	Construction management
•	CQA testing/monitoring	•	Education/outreach to technical individuals
•	Site grading design	•	Geotechnical investigations
•	Drainage system design	•	Excavation/embankment design
•	Erosion control system design		
•	Other		

BRIEF PROJECT DESCRIPTION

The "Wall 215-207" project is currently ongoing. It is part of a larger CalTrans freeway intersection and widening project located at the route 91/60/I215 Interchange in Southern California. KENNEC coordinated and managed the efforts involved in securing TDA supply for this project (which included development and management of a competitive "request for quotes"), and investigated possible permits required by the local fire department. KENNEC will also act as construction manager during the project, which includes instrumentation installation, TDA sampling and development of the as-built drawing and documentation. Julian Ibarra of KENNEC currently assists in performing these tasks as a project coordinator and field engineer.

PROJECT ELEMENTS

- Local and Jurisdictional Permits
- Construction Management
- TDA Procurement
- Vendor Management
- Instrumentation Installation
- Data Collection/Management

ENGINEERING DESIGN, CONSTRUCTION AND CQA INDUSTRIAL LANDFILL CLOSURE

Consultant: SCS Engineers

Location: Union City, California

Client: [redacted]

Contract amount: [redacted]

% Performed by SCS: 95%

TYPE OF WORK

•	Site Surveys	•	Construction management
•	CQA testing/monitoring	•	Education/outreach to technical individuals
•	Site grading design	•	Geotechnical investigations
•	Drainage system design	•	Excavation/embankment design
•	Erosion control system design		
•	Other: CEQA and risk assessment; landfill and LFG investigation, remedial construction		

BRIEF PROJECT DESCRIPTION

SCS's client's facility produces ductile iron pipe, which is used by utilities for distribution of potable water. For over 50 years, industrial solid waste generated during the manufacturing process was disposed of at an approximate 7-acre, on-site landfill. Oversight agencies required that the landfill be closed via final grading and capping. The landfill was considered a priority site under the CIWMB CIA program.

SCS ENGINEERS PROJECT ELEMENTS

SCS assisted with closure of the on-site landfill at the company's California plant. The landfill closure entailed waste excavation/relocation, final grading, slope stabilization, placement of final cover and drainage systems, and installation of a surface water detention basin. The landfill closure was in accordance with CCR Title 27 standards and local agency permit conditions. SCS's services included:

- Aerial photographic and topographic surveys.
- Site characterization studies, including waste sampling and combustible gas probe testing.
- Geotechnical/slope stability analysis: field investigation, lab analyses of soil and waste samples, and deep-seated psuedo-static, and dynamic deformation slope stability and veneer slope stability analyses.
- Preparation of detailed design plans and specifications for site remediation and closure (construction bid documents). The cover system includes a 60-mil HDPE liner.
- Turn-key construction services: grading and drainage, final cover placement, vegetative cover placement. Work was performed by SCS's 40-hour HAZWOPER trained operators.
- Construction management and CQA services.
- Agency liaison and technical lead for arranging and making presentations at public hearings.

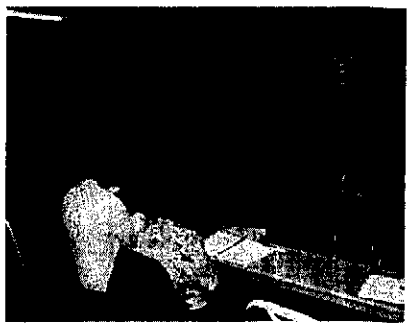
TDA OUTREACH AND EDUCATION

Consultant: Kennec Earth Engineering LLC.

Location: Throughout California

Client: [redacted]

% Performed by Kennec: 100%



TYPE OF WORK

	Site Surveys		Construction management
	CQA testing/monitoring	•	Education/outreach to technical individuals
	Site grading design		Geotechnical investigations
	Drainage system design		Excavation/embankment design
	Erosion control system design		
	Other		

BRIEF PROJECT DESCRIPTION

Kennec Earth Engineering LLC. Identifies, coordinates with, and contacts technical groups and individuals to promote and educate on the use of TDA in civil engineering projects within California. This outreach project is ongoing and managed by Joaquin Wright. Short courses and seminars are taught by Dr. Dana Humphrey. Within the last 9 months there have been short courses, seminars, and information sharing about TDA in the following regions: San Mateo County, Santa Barbara County, Ventura County, Sonoma County, Humboldt County, Sacramento County, Marin County, and Lake County. As well, the seminar in Ventura County educated the local chapter of the AWPA. These sessions have brought regional interest and possible pilot projects to the state program such as the Kneeland Airport Slide Project, Scenic Drive Slide Project, Vista Del Lago Wall Project, and the Ventura County Rail Overpass Project. Coordination efforts are in progress for further outreach to counties and technical groups.

PROJECT ELEMENTS

- Outreach informing Public Groups and Individuals about the benefits of TDA
- Coordination of Short courses and Seminars for Dr. Dana Humphrey
- Education of TDA for individuals and groups
- Project analysis for viability of beneficial TDA use

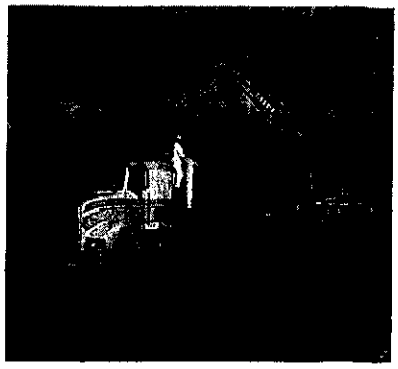
INDUSTRIAL FACILITY ENGINEERING AND REMEDIAL CONSTRUCTION

Consultant: SCS Engineers

Location: Menlo Park, California

Client: [redacted]

Contract amount: [redacted]



% Performed by SCS: 90 %

TYPE OF WORK

•	Site Surveys	•	Construction management
•	CQA testing/monitoring	•	Education/outreach to technical individuals
•	Site grading design		Geotechnical investigations
•	Drainage system design	•	Excavation/embankment design
•	Erosion control system design		
•	Other – environmental sampling and testing; report preparation		

BRIEF PROJECT DESCRIPTION

SCS was selected as Tyco's environmental engineer and contractor to manage and execute contaminated soil-impacted removal, site demolition/decommissioning and restoration at the company's industrial property in Menlo Park. Our initial work has expanded in scope because of the value and trust SCS presented, to include the entire facility closure as a design-construct project.

SCS ENGINEERS PROJECT ELEMENTS

- Excavation of 4,500 cu yd of contaminant-impacted soil located in an inter-tidal zone along San Francisco Bay, backfilling and re-grading.
- Preparation of engineering plans and specifications for civil improvements – utilities, site grading and drainage.
- Construction monitoring including tracking contractor progress, and environmental sampling of excavation areas.
- Grading and placement of over 9,000 cu yd of imported fill soil. This included placement of a multi-layer engineered cap designed by SCS. A comprehensive sediment/erosion control plan was prepared.
- Regulatory agency liaison, presentations and negotiations (US EPA, DTSC, and RWQCB).
- Community outreach - assistance with public information releases, document depository, and coordination of comments by regulatory agencies and the public.

TDA WALL 119 BACKFILL PROJECT, RIVERSIDE CA

Consultant: Kennec Earth Engineering LLC.

Location: Riverside, California

Client: [redacted]

% Performed by Kennec: 80%

TYPE OF WORK

•	Site Surveys	•	Construction management
•	CQA testing/monitoring	•	Education/outreach to technical individuals
•	Site grading design	•	Geotechnical investigations
•	Drainage system design	•	Excavation/embankment design
•	Erosion control system design		
•	Other		

BRIEF PROJECT DESCRIPTION

The "Wall 119" Project is completed. Joaquin Wright of KENNEC coordinated the efforts involved in securing TDA supply for this project, acted as construction manager during the project which included instrumentation installation, developed the as-built drawing and documentation, and managed the data collection from the project. Julian Ibarra of KENNEC acted as field engineer, recording data, performing daily construction oversight and gathering documentation. This work was completed by Joaquin Wright and Julian Ibarra, while working for a different consultant. As well, Mr. Wright reviewed the work plans and developed cost estimates for the TDA installation construction management and TDA supply of project.

PROJECT ELEMENTS

- Construction Management
- TDA Procurement
- Project Coordination
- Instrumentation Installation
- Data Collection
- Data Management
- Education of Project Team Members

GRADING, DRAINAGE AND CIVIL IMPROVEMENTS / SITE CLOSURE
EPA BROWNFIELDS SITE, CITY OF ORANGE

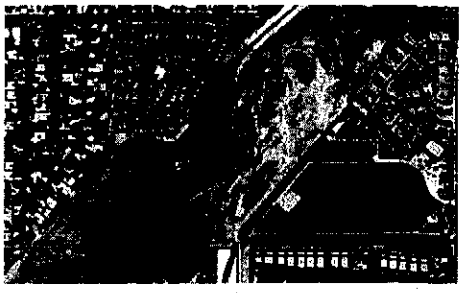
Consultant: SCS Engineers

Location: City of Orange, California

Client: [redacted]

Contract amount: [redacted]

% Performed by SCS: 80%



TYPE OF WORK

•	Site Surveys	•	Construction management
•	CQA testing/monitoring		Education/outreach to technical individuals
•	Site grading design		Geotechnical investigations
•	Drainage system design	•	Excavation/embankment design
•	Erosion control system design		
•	Other – Phase I/II site investigation and regulatory liaison		

BRIEF PROJECT DESCRIPTION

SCS has provided environmental investigation and engineering services at the former Union Pacific Landfill in the City of Orange, under the EPA's Brownfield Assessment Pilot Program, and funded by the EPA's Brownfield Economic Redevelopment Initiative. Initial work included site investigations, and preparation of a remedial action plan for closure. SCS has subsequently provided civil engineering and construction services for closure of the 10-acre site.

SCS ENGINEERS PROJECT ELEMENTS

- Perform site surveys.
- Perform engineering analyses and prepare plans and specifications for closure including final grading, drainage and cap placement.
- Prepare engineer's cost estimate for site improvements.
- Prepare design upgrades to a rock-armored streambed embankment, which runs adjacent to the site.
- Perform CQA services during construction – soil and backfill compaction testing, grade verifications and measurement of construction progress.

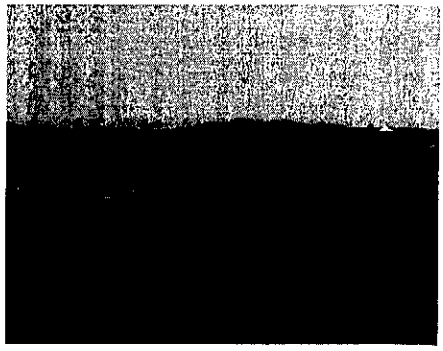
TDA PROJECT ANALYSIS AND COORDINATION

Consultant: Kennec Earth Engineering LLC.

Location: Humboldt County & the City of Folsom

Client: [redacted]

% Performed by Kennec: 70%



TYPE OF WORK

•	Site Surveys	•	Construction management
•	CQA testing/monitoring	•	Education/outreach to technical individuals
•	Site grading design	•	Geotechnical investigations
•	Drainage system design	•	Excavation/embankment design
•	Erosion control system design		
•	Other		

BRIEF PROJECT DESCRIPTION

The "Kneeland Airport Slide", and "Vista Del Lago Wall" Project are currently in the process of being finalized for construction. Joaquin Wright of KENNEC has done the marketing to find the projects for the CIWMB and helped the Humboldt County Public Works Department, and Folsom School District obtain the proper permits. KENNEC also reviews the work plans and develops cost estimates for the projects. Once construction of the project has begun, construction management and field engineering, including coordination of instrumentation installation, will be performed by KENNEC personnel, Joaquin Wright and Julian Ibarra.

PROJECT ELEMENTS

- Permit Process Coordination
- Outreach
- Project Analysis
- Construction Management
- Site Analysis

E. LITIGATION/CLAIMS INFORMATION

1. List any projects in which your entity or any of its principals is currently involved in litigation. Identify lawsuits by name, number, parties, and your claim or participation. (Attach additional copies of this page if required)

   SCS Engineers is a company with over $80 million in annual gross revenues, doing business from 40 offices. For over 35 years, the firm has successfully provided professional services to satisfy clients throughout the United States and overseas. We stand behind our work. In the course of doing business, SCS is occasionally involved in litigation; current and past cases are listed on pages SOQ-7, sheets 1 through 6. In the opinion of SCS Engineers, these cases should not result in judgments, which in aggregate would have a material adverse affect on the company's financial condition.

   Project name:_____

   Project location:_____

   Lawsuit name:_____

   Lawsuit number:_____ Date of lawsuit: _____

   County/state where filed:_____

   Parties involved:_____

   _____

   Lawsuit claim:_____

   _____

2. List any projects within the last five years in which your entity or any of its principals has been involved in litigation. Identify lawsuits by name, number, parties, and your claim or participation. (Attach additional copies of this page if required). ***See pages SOQ-7, Sheets 1-6.***

   Project name:_____

   Project location:_____

   Lawsuit name: _____

   Lawsuit number:_____ Date of lawsuit: _____

   County/state where filed:_____

   Parties involved:_____

   _____

   Lawsuit claim: _____

SHEETS 1-6 REMOVED

3. Has your company ever been terminated or unilaterally elected to terminate from a project before completion? If so, complete the following adding additional pages as necessary:

Project name: **No. Not applicable**

Project location: _____

Client: _____

Address: _____

Contact name/current telephone no.: _____

Date of termination: _____

Reason for termination: _____

_____

Project name: _____

Project location: _____

Client: _____

Address: _____

Contact name/current telephone no.: _____

Date of termination: _____

Reason for termination: _____

_____

F. PERSONNEL & ORGANIZATIONAL INFORMATION

Attach an organization chart indicating the Program Manager and other staff designations as required by the RFQ. Other personnel may be included in the organization chart. A resume is required for each person shown on the organization chart. Only personnel listed on the organizational chart may attend interviews and negotiation meetings. Each resume shall include, at a minimum, the following:

1. Current position in the firm.
2. Experience for at least the last 5 years.
3. Major projects and accomplishments.
4. Education and special training.
5. Professional Registrations, include certificate number(s).
6. Professional affiliations.

See Section 3 for information on the SCS Project Team oraganization and locations. Subcontractor certifications and qualifications are porvided in Appendix E. Resumes of SCS Project personnel are provided in Appendix F.

The SCS project team includes registered Professional Civil Engineers (PE) as required in the RFQ. Evidence of professional registration with the California Board for Professional Engineers and Land Surveyors is provided in Appendix G.

G. ACKNOWLEDGMENT/AUTHORIZATION FORM

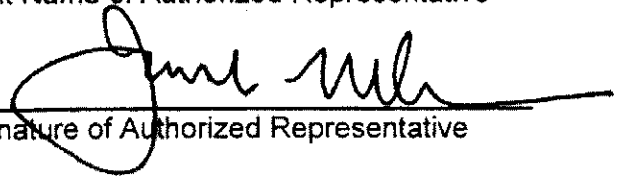
The undersigned acknowledges that submittal of this Statement of Qualifications constitutes an irrevocable offer for a 90-day period for the Board to award the Contract.

The undersigned acknowledges that he has read all of the requirements set forth in the Request for Qualifications, including the Standard Agreement, and that, if awarded the Contract, shall comply with said provisions.

The undersigned hereby authorizes and requests any person, firm, agency, or corporation to furnish any information requested by the Board in verification of the recitals comprising this Statement of Qualifications and also hereby authorizes the Board to contact such persons, firms, etc., in order to obtain information regarding the undersigned.

I certify under penalty of perjury that the foregoing is true and correct. This certification is made under the laws of the State of California.

Joseph J. Miller
Print Name of Authorized Representative


Signature of Authorized Representative

Vice President
Title of Authorized Representative

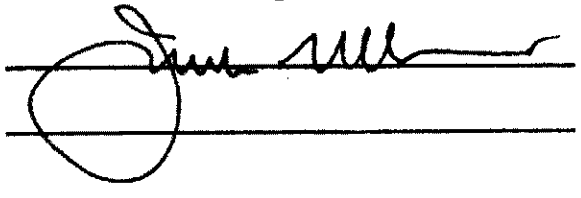
(925) 426-0080
Telephone Number

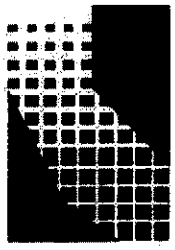
SCS Engineers
Name of Organization

Pleasanton, California
Location Where Signed

February 16, 2006
Date Signed

Acknowledgment of Addenda:

Addendum No.	Signature
#1 (January 26, 2006)	



Section 3

SCS Team Organization

SECTION 3.0

SCS TEAM ORGANIZATION

ORGANIZATION CHART

SCS has carefully considered the selection of our project team and believes that the team we have assembled will provide the CIWMB with all of the requisite disciplines and services throughout the state of California. Our team structure is presented in the accompanying organization chart; see ***Exhibit 1***.

The SCS Project Team includes experienced professionals in the disciplines of: solid waste management; construction management and construction quality assurance (CQA); environmental engineering and regulatory compliance; civil, soils, and geotechnical engineering; surveying; grading, drainage and erosion protection design; hazardous material sampling and testing; and health and safety compliance.

The SCS Project Team possesses these skills and disciplines in multiple locations throughout California. Our combination of depth and breadth of experience and geographic distribution will allow maximum flexibility in assigning staff to each project, and ensure that technical expertise is available to the CIWMB. For locations of SCS' California offices see ***Exhibit 2***.

SCS is pleased to join with the firm **KENNEC Earth Engineering, LLC**, who will serve as the prime subconsultant on the project. KENNEC is currently under contract to the CIWMB to provide engineering, construction oversight and public outreach services under the Board's Tire-Derived Aggregate (TDA) program.

The SCS Team also includes the following firms:

- **SCS Engineers – Prime Consultant.**
- **Subcontracting Team Members**
  - *Engineering/Construction and Outreach Support*: **KENNEC Earth Engineering, LLC** (Helendale, CA – small business [pending]).
  - *Soils / Materials Testing:* **Allwest Geoscience Inc.** (Orange, Riverside, Contra Costa and Santa Clara counties – small business, DBVE).
  - *Geotechnical Services:* **Diaz-Yourman & Associates,** (Santa Ana, CA - small business, DVBE).
  - *Surveying: Local Subcontractors, TBD based on project location.*

Health and Safety
Michael Geyer, P.E., C.I.H.

SCS ENGINEERS
Ambrose McCready, P.E.
Project Manager

Joseph Miller
Reviewing Principal

KENNEC (SBE)
Joaquin Wright
Assistant Program Manager

Julian Ibarra
Project Engineer

ENGINEERING

- Site Surveys
- Grading Design
- Drainage System Design
- Erosion Control
- Excavation/embankment Design

Mike Leonard, P.E.
Task Manager

CONSTRUCTION

- Materials Prow
- CQA
- Project Monitoring
- Erosion Control

Lenard Long, P.E.
Task Manager

ENVIRONMENTAL / REGULATORY COMPLIANCE

- Testing / Sampling
- Agency Coordination

Robert Quarles, P.E.
Task Manager

LIASON

- Education Workshops
- Presentation / Planning

Joaquin Wright (KENNEC)
Task Manager

SUBCONTRACTORS

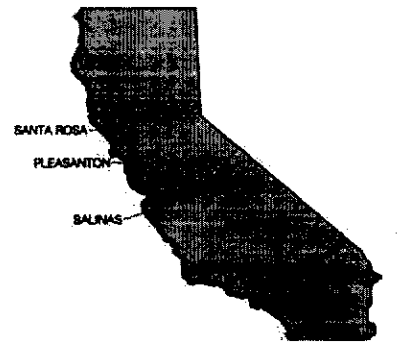
KENNEC
Engineering, Construction & Liaison

Local Surveyors (TBA)
Land Surveys

Diaz – Yourman (SBE)
Geotechnical

All-West Geoscience (SBE, DVBE)
Soils and Materials Testing

Additional SCS Staff Based on Geography



SCS ENGINEERS

Exhibit 1. Organization Chart

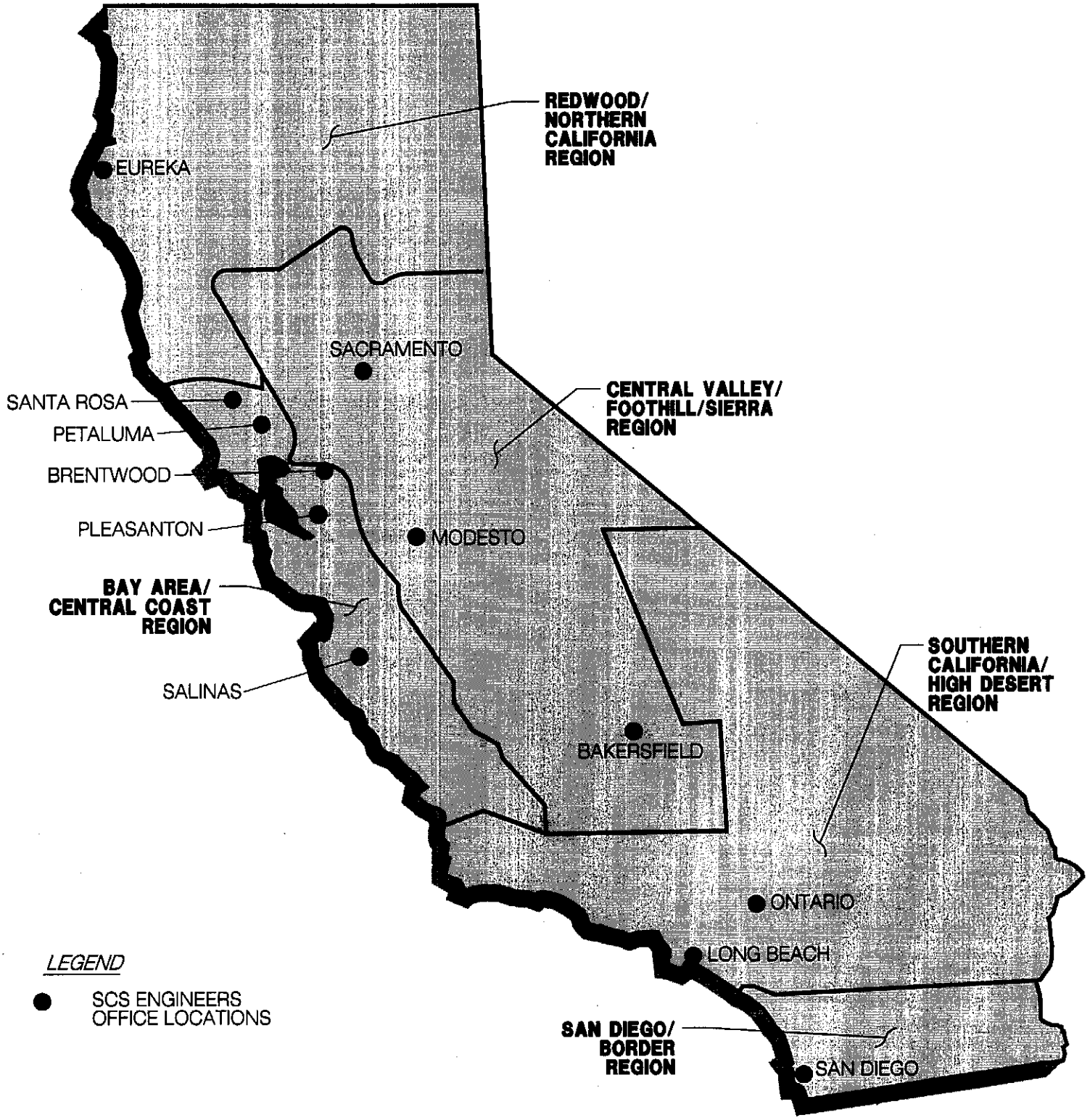


Exhibit 2. SCS California Office Locations.

PROGRAM MANAGER

Program Manager – Our team will be managed by Mr. Ambrose McCready, P.E., who works in SCS Engineers' Sacramento office. He has over 30 years experience on a variety of waste management and civil engineering projects involving site investigations, final grading and capping, geotechnical/slope stability investigations, drainage and erosion control system design, construction management and CQA services. He currently provides senior technical review, management and coordination responsibilities for civil and environmental projects throughout California. Mr. McCready is experienced in managing multiple task and multiple site projects with a number of technical disciplines and subcontractors involved. Mr. McCready serves on the Board of Directors for the Northern California Gold Rush Chapter of the Solid Waste Association of North America. He will be available to the CIWMB on short notice and will be committed to providing the resources needed to complete each assignment on time and on budget.

TECHNICAL SUPPORT

Assistant Program Manager – Mr. Joaquin Wright of KENNEC will serve as assistant program manager to Mr. McCready. Mr. Wright has over six years of experience in environmental and civil engineering. He has performed on-site project management for general construction, environmental improvement and earthmoving projects. He has served in a lead role in various civil engineering applications of tire shred projects on behalf of the CIWMB. He oversaw the placement of approximately 25,000 cubic yards of tire shreds that were placed as lightweight fill for highway construction in Milpitas, California and a retaining wall backfill in Riverside California, two of the first projects under the TDA program. He has performed field inspections, coordinated subcontractors and managed public workshops related to this program.

Other Professional Technical Support - Technical support for the required project disciplines will come from other experienced SCS Team professionals. These individuals are shown in the Organization Chart, ***Exhibit 1***. All task managers for the engineering, construction, and investigation work are registered professional engineers. Field mentoring and CQA work will be performed by environmental professionals and construction personnel. Resumes of the SCS Team are provided in ***Appendices E and F***.

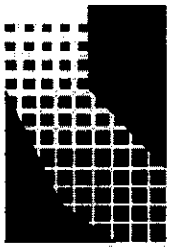
TECHNICAL QUALITY ASSURANCE

To assure the technical quality of each project performed, Mr. McCready will be assisted by Mr. Joseph Miller, P.E. Reviewing Principal. The Reviewing Principal will provide senior technical oversight as well as technical review on all deliverables and has the authority to ensure all necessary resources are dedicated to the CIWMB project. Mr. Miller has 22 years experience in the solid waste consulting and engineering fields.

REGIONAL FAST-TRACK RESPONSE

SCS Engineers, in conjunction with our construction division, SCS Field Services, provides solid waste and environmental engineering services at sites from Eureka to San Diego and points in between. SCS' project managers, technical support staff and field personnel are located throughout our nine engineering and field offices in California (see ***Exhibit 2*** for SCS' office locations).

Our subcontractors also maintain offices throughout California. The strategic geographic distribution of our staff, in combination with SCS's 24-hour emergency response program, provides the CIWMB with proven engineering and construction capabilities at TDA sites throughout the Golden State.



Section 4

Certifications

CERTIFICATION OF SMALL BUSINESS/DISABLED VETERAN BUSINESS ENTERPRISE (DVBE) REQUIREMENTS

The undersigned acknowledges that he has read all of the requirements set forth in the Request for Qualifications and, if awarded this Agreement, he will comply with the State's Small Business/DVBE requirements or make good faith efforts to meet these goals.

I certify under penalty of perjury that the foregoing is true and correct. This certification is made under the laws of the State of California.

SCS Engineers
Name of Organization

Pleasanton, CA
Location where signed

Signature of Authorized Representative

Joseph J. Miller, V.P. **2/16/06**
Printed Name and Title Date

COMPLIANCE WITH GOVERNMENT CODE, SECTION 87100

Government Code, Section 87100 provides: No public official at any level of state or local government will make, participate in making or in any way attempt to use his official position to influence a governmental decision in which he knows or has reason to know he or she has a financial interest. Contractors that provide recommendations and advice that may influence decision-making are required to comply with the disclosure requirements of the conflict of interest laws promulgated under the Political Reform Act.

The prospective contractors and subcontractors, if any, shall disclose any present or prior (within the last two years) financial, business, or other relationship with the CIWMB. These disclosures will be made under penalty of perjury.

In addition to the disclosures required above, list current clients subject to any discretionary action by the CIWMB, or who may have a financial interest in the policies and programs of the CIWMB, and describe any current or planned work activities the contractor is performing for such clients. These disclosures will be made under penalty of perjury. The Proposer and its subcontractors (if any) will be required to file statements of economic interests with the CIWMB upon award of the Contract. The CIWMB will keep copies of the statements of economic interest and forward the originals to the Fair Political Practices Commission.

CURRENT CLIENTS MEETING ABOVE CRITERIA

Client Name	Contract	Address	Phone
See attached list – following page			

A determination by the CIWMB that a conflict of interest exists as a result of the disclosed relationships will be grounds for disqualifying a Proposer.

Note: SCS Engineers works for various solid waste facility owner/operators or municipalities responsible for AB 939 compliance whose projects periodically require approval by the CIWMB, and who may have some financial interest in the Board's policies and programs. We have listed herein all current clients that we believe may meet the criteria under Government Code, Section 87100, i.e. those SCS clients that may have some discretionary items before the Board. SCS Engineers is of the opinion that our participation in the CIWMB's Construction Management and Research in Civil Engineering Applications using Tire-Derived Aggregates program would not constitute either a real or perceived conflict of interest. SCS would be pleased to discuss details of our client relations, if requested.

1 PAGE
CLIENT LIST
REMOVED

PUBLIC CONTRACT CODE SECTION 10162 - QUESTIONNAIRE

In accordance with Public Contract Code Section 10162, the Proposer shall complete, under penalty of perjury, the following questionnaire:

Has the Proposer, any officer of the Proposer, or any employee of the Proposer who has a proprietary interest in the Proposer, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state or local government project because of a violation of law or safety regulation? If the answer is yes, attach an explanation.

☐ Yes ☒ No

PUBLIC CONTRACT CODE SECTION 10285.1 STATEMENT

In accordance with Public Contract Code Section 10285.1, Proposer shall complete, under penalty of perjury, the following statement:

Has the proposer been convicted within the preceding three years of any offenses referred to in Public Contract Code Section 10285.1, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or federal antitrust law in connection with the bidding upon, award of or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University? The term "proposer" is understood to include any partner, member officer, director, responsible officer, or responsible managing employee thereof, as referred to in Section 10285.1.

☐ Yes ☒ No

NONCOLLUSION AFFIDAVIT

(Title 23 United States Code Section 112 and
Public Contract Code Section 7106)

In accordance with Title 23, United States Code, Section 112, and Public Contract Code 7106 if federally funded, or Public Contract Code 7106 if state funded, the proposer declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham bid, or that anyone shall refrain from bidding; has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the bid price, or of that of any other proposer, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the proposer has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Note: The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of the Noncollusion Affidavit. Proposers are cautioned that making a false certification may subject the certifier to criminal prosecution.

SIGNATURE:

Signature of Authorized Representative

Joseph J. Miller, P.E., Vice President
Printed Name and Title

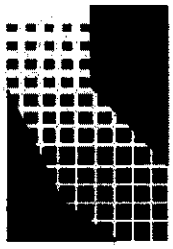
SMALL BUSINESS/DISABLIED VETERAN BUSINESS ENTERPRISE (DVBE) PARTICIPATION SUMMARY

MARK ONE FOR EACH FIRM USED			NAME OF FIRM	NATURE OF WORK	TOTAL AMOUNT OF WORK (Mark one for each firm used)		IS CERTIFICATION FORM ATTACHED?
PRIME BIDDER	SUBCON-TRACTOR	SUPPLIER			SMALL	DVBE	
X			SCS Engineers		Est. 50%	$	N/A
	X		Kennec Earth Engineering		Est. 40%	$	Yes (pending)
	X		All-West Geoscience, Inc.	Materials Lab Testing	$	Est. 5%	Yes
	X		Diaz – Yourman & Associates	Geotechnical Consulting	Est. 5%	$	Yes
					$	$	
					$	$	
					$	$	

The appropriate certification letter issued by the Office of Small Business Certification and Resources must be attached for each small and DVBE business used.

Note: Kennec Earth Engineering, LLC has application for Small Business certification on file with the State of California, Department of General Services, Procrurement Division, Office of the Small Business and DVBE Certification (reference #41914). For verification, please contact Ms. Sherry Felder of the Office of Small Business and DVBE Certficiation, 916-375-4940.

Please Note: This form is only required at the time of SOQ submittal if the prime contractor has identified sub-contractors to be used during the course of the agreement or if the prime contractor is certified as a small or disabled veteran business enterprise



Appendix A

Copy of California Business License

State of California
Kevin Shelley
Secretary of State
STATEMENT OF INFORMATION
(Foreign Corporation)

FEES (Filing and Disclosure): $25.00. If amendment, see instructions.

IMPORTANT — READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

1. CORPORATE NAME: (Please do not alter if name is preprinted.)

C0773324 DUE 07-31-04 03905F NPT
STEARNS, CONRAD AND SCHMIDT,
CONSULTING ENGINEERS, INC.
3711 LONG BEACH BLVD 9TH FL
LONG BEACH CA 90807

This Space For Filing Use Only

CALIFORNIA CORPORATE DISCLOSURE ACT (Corporations Code Section 2117)

2. ☐ CHECK HERE IF THE CORPORATION IS PUBLICLY TRADED. IF PUBLICLY TRADED, COMPLETE THIS STATEMENT OF INFORMATION AND THE CORPORATE DISCLOSURE STATEMENT (FORM SI-PTSUPP). **SEE ITEM 2 OF INSTRUCTIONS.**

NO CHANGE STATEMENT

3. ☐ IF THERE HAS BEEN NO CHANGE IN ANY OF THE INFORMATION CONTAINED IN THE LAST STATEMENT OF INFORMATION FILED WITH THE SECRETARY OF STATE, INCLUDING ANY INFORMATION CONTAINED IN FORM SI-PTSUPP, CHECK THE BOX AND PROCEED **TO ITEM 13.**
IF THERE HAVE BEEN ANY CHANGES TO THE INFORMATION CONTAINED IN EITHER FORM, OR NO STATEMENT HAS BEEN PREVIOUSLY FILED, THIS FORM (AND THE FORM SI-PTSUPP, IF PUBLICLY TRADED) MUST BE COMPLETED IN THEIR ENTIRETY.

COMPLETE ADDRESSES FOR THE FOLLOWING (Do not abbreviate the name of the city. Items 4 and 5 cannot be PO Boxes.)

4. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE	CITY AND STATE		ZIP CODE
3711 Long Beach Blvd., 9th Floor, Long Beach, CA 90807-3315			
5. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY	CITY	STATE	ZIP CODE
3711 Long Beach Blvd., 9th Floor, Long Beach, CA 90807-3315		CA	
6. MAILING ADDRESS	CITY AND STATE		ZIP CODE
3711 Long Beach Blvd., 9th Floor, Long Beach, CA 90807-3315			

NAMES AND COMPLETE ADDRESSES OF THE FOLLOWING OFFICERS (The corporation must have these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this statement must not be altered.)

7. CHIEF EXECUTIVE OFFICER/	ADDRESS	CITY AND STATE	ZIP CODE
James J. Walsh	2141 Raeburn Drive, Cincinnati, OH 45223		
8. SECRETARY/	ADDRESS	CITY AND STATE	ZIP CODE
Michael W. McLaughlin	8971 Colesbury Place, Fairfax, VA 22031		
9. CHIEF FINANCIAL OFFICER/	ADDRESS	CITY AND STATE	ZIP CODE
William L. Schubert	29 Shooting Star, Irvine, CA 92604		

AGENT FOR SERVICE OF PROCESS
- If an individual, the agent must reside in California and Item 11 must be completed with a California address.
- If another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to Corporations Code section 1505 and Item 11 must be left blank.

10. NAME OF AGENT FOR SERVICE OF PROCESS
CT Corporation System

11. ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL	CITY	STATE	ZIP CODE
		CA	

TYPE OF BUSINESS

12. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION
Consulting engineers and contractors

13. THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT.

William L. Schubert	William L. Schubert	VP & Treasurer	4/28/04
TYPE OR PRINT NAME OF OFFICER OR AGENT	SIGNATURE	TITLE	DATE

SI-350 (REV 04/2003)

APPROVED BY SECRETARY OF STATE

Commonwealth of Virginia

State Corporation Commission

I Certify the Following from the Records of the Commission:

STEARNS, CONRAD AND SCHMIDT, CONSULTING ENGINEERS, INC. is a corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is February 18, 1972.

Nothing more is hereby certified.

Signed and Sealed at Richmond on this Date:
April 15, 2004

Joel H. Peck

Joel H. Peck, Clerk of the Commission

CIS0502

State of California
Bill Jones
Secretary of State

STATEMENT BY FOREIGN CORPORATION

CORPORATE NAME: (Do not alter if name is preprinted.)

C0773324 DUE DATE 07-31-02 02022F
STEARNS, CONRAD AND SCHMIDT,
CONSULTING ENGINEERS, INC.
3711 LONG BEACH BLVD., 9TH FLOOR
LONG BEACH, CA 90807

This Space For Filing Use Only

1. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE — CITY AND STATE — ZIP CODE
3711 Long Beach Blvd., 9th Floor, Long Beach, CA 90807-3315

2. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY — CITY — ZIP CODE
3711 Long Beach Blvd., 9th Floor, Long Beach, CA 90807-3315

3. MAILING ADDRESS — CITY AND STATE — ZIP CODE
711 Long Beach Blvd., 9th Floor, Long Beach, CA 90807-3315

4. CHIEF EXECUTIVE OFFICER/ ADDRESS — CITY AND STATE — ZIP CODE
James J. Walsh 2141 Raeburn Drive, Cincinnati, OH 45223

5. SECRETARY/ ADDRESS — CITY AND STATE — ZIP CODE
Michael W. McLaughlin, 8971 Colesbury Place, Fiarfax, VA 22031

6. CHIEF FINANCIAL OFFICER/ ADDRESS — CITY AND STATE — ZIP CODE
William L. Schubert, 29 Shooting Star, Irvine, CA 92604

7. CHECK THE APPROPRIATE PROVISION BELOW AND NAME THE AGENT FOR SERVICE OF PROCESS:
[X] AN INDIVIDUAL RESIDING IN CALIFORNIA.
[ ] A CORPORATION WHICH HAS FILED A CERTIFICATE PURSUANT TO CALIFORNIA CORPORATIONS CODE SECTION 1505.

AGENT'S NAME: Robert P. Stearns

8. ADDRESS OF THE AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL — CITY — ZIP CODE
3711 Long Beach Blvd., 9th Floor, Long Beach, CA 90807-3315 CA

9. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION
Environmental Engineering

10. THIS STATEMENT IS TRUE, CORRECT AND COMPLETE.

William L. Schubert — TYPE OR PRINT NAME OF OFFICER OR AGENT
William L. Schubert — SIGNATURE
Treasurer — TITLE
04/16/2002 — DATE

Approved by Secretary of State

S-350 (REV. 10/2001)

Commonwealth of Virginia

State Corporation Commission

I Certify the Following from the Records of the Commission:

STEARNS, CONRAD AND SCHMIDT, CONSULTING ENGINEERS, INC. is a corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is February 18, 1972.

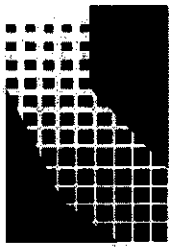
Nothing more is hereby certified.

Signed and Sealed at Richmond on this Date:
May 10, 2002

Joel H. Peck

Joel H. Peck, Clerk of the Commission

30502



Appendix B

California Class A General Engineering Contractors License

State of California

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC dba SCS ENGINEERS

to engage in the business or act in the capacity of a contractor
in the following classification(s):

A - GENERAL ENGINEERING CONTRACTOR
HAZ - HAZARDOUS SUBSTANCES REMOVAL

State of California Department of Consumer Affairs

Witness my hand and seal this day,

May 20, 1998

Issued May 19, 1998

Signature of Licensee

Signature of License Qualifier

C. Lance Barnett, Ph.D.
Registrar of Contractors

749678

License Number

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

13L-24 (REV. 4-91) 91 62972

AUDIT NO 180038

State Of California

CONTRACTORS STATE LICENSE BOARD

ACTIVE LICENSE

Consumer Affairs

License Number **749678** Entity CORP

Business Name STEARNS CONRAD AND SCHMIDT CONSULTING ENGINEERS INC

Classification(s) A HAZ

Expiration Date 05/31/2006

Appendix C

Written Statement From Financial Institution

CONSISTED OF ONE PAGE - REMOVED

Appendix D

Audited/Reviewed Financial Statement (Confidential)

Consisted of 17 pages Removed

Appendix E

Subcontractor Qualifications/ and SB/DVBE Certifications

Appendix E-1

KENNEC Earth Engineering LLC

- Qualifications and Project Experience
- Resumes
- Small Business Certification (Pending)

INTRODUCTION

COMPANY STRUCTURE

Kennec Earth Engineering, LLC (KENNEC) is a generalized full service Civil and Environmental Engineering company. Our core business service offerings are in the following specialty areas:

- Environmental Review and Compliance;
- Green and Brown Field Development;
- Sustainable Building and Planning Technologies;
- Land and Community Development;
- Soil and Water Remediation;
- Solid and Hazardous Waste; and
- Water Resources.

Our primary clients currently are Private Industry, Native American Tribes, Public Entities, and Government Agencies, with engineering services being performed in the states of Alaska, California, Hawaii, Oregon, and Washington.

The Company's President and Principal Engineer is Dagan Short, a registered professional Civil Engineer. Co-founder and Senior Vice President, is Joaquin Wright, a Civil Engineer.

LOCAL CAPABILITIES

KENNEC has developed an extensive network of sub-consultants to supplement the company's core offerings. The ability to bring in specialists through our network, from around the world onto our projects, gives our clients the best possible advantage when it comes to completing projects and solving complex issues. We bring to our client the best consulting and engineering services at a local level for competitive rates.

We have well-established positive working relationships with the following local, national, and international environmental consulting companies:

- Anchor Environmental, LLC
- AMEC Industries, Inc
- CH2MHILL, Inc.
- EMCON/OWT, Inc.
- HDR, Inc.
- Shaw Environmental, Inc.
- SCS Engineers
- TW Environmental, Inc.
- URS Corporation, Inc.
- Winzler & Kelly, Inc.

LEADERSHIP

Our engineers are recognized industry leaders who have been intimately involved in the development of environmental policy, technology, legislation, and regulations. We are constantly monitoring new regulatory trends to help our clients look ahead and plan their compliance strategies. We are uniquely able to guide our clients through the regulatory maze.

INNOVATION

Innovation is an important component of KENNEC's mission. Innovation benefits our clients in many ways, ranging from small permit modifications requiring regulatory creativity to large design/build projects. We continually strive to respond to our clients' need for new, cost-effective strategies.

CLIENT SATISFACTION

KENNEC's attention to client satisfaction is essential to our company culture. We continually seek ways to understand and anticipate client requirements so that we can best meet our clients' goals and expectations. We maintain a high level of communication with our clients to ensure that project team members are well informed and able to make effective decisions. Our commitment to client satisfaction is demonstrated by delivering what we promise.

OVERVIEW OF KENNEC EARTH ENGINEERING'S CAPABILITIES

Environmental Services

- Engineering and construction management services for private, industry, and government agencies
- Support for a wide array of market areas, including environmental restoration and compliance, facilities management and construction services.
- Solid, hazardous, toxic and radiological waste services that restore our nation's legacy sites to safe and productive use
- Vertically-integrated approach to engineering and construction solutions for private-sector clients and state and local government agencies
- Site assessments, remediation, operations and maintenance, site closures and liability transfers

Science and Technology

- Specialized consulting services in environmental compliance, risk and cost allocation determination, chemical management planning, product registration, due diligence support and environmental planning
- Execution of strategies to manage risks and prepare cost-effective, science-based solutions
- Long-term compliance solutions that meet regulatory requirements or assist in the implementation of proactive programs
- Web-based technologies that integrate the latest environmental management tools and increase operational efficiencies

Construction Management Services

- Construction Management services for private, industry, and government agencies
- Design Build Projects
- Quality Assurance and Quality Control
- Inspection Services for Civil and Environmental Projects
- Third party Site Inspections

Municipal, Transportation and Infrastructure Services and Solutions

- Consulting, engineering and construction services for roads, railways, bridges, tunnels, airports, and ports
- Urban and rural infrastructure planning
- Water supply and treatment
- Wastewater conveyance and treatment

Sustainable Engineering

- Sustainable engineering consulting and engineering
- Holistic life-cycle planning and enhancement
- Green waste composting facility design
- Alternative energy consulting and engineering
- LEED building analysis and design

Facilities Management, Infrastructure and Facilities Privatization

- Diverse facilities management services for the operation of large, mission-essential military and aerospace facilities
- Comprehensive renovation, new construction, design and building services at commercial and federal facilities
- Privatization of military housing, port authorities and government facilities
- Bundled solutions across several disciplines for municipal clients

Real Estate Restoration

- Familiar with real estate, environmental, legal, financial and insurance applications
- Integrated solutions for environmentally impaired property assets to sellers, investors, developers and end users
- Acquisition and redevelopment of environmental properties to achieve highest values and mitigate risks
- Development and operation of wetland mitigation banks to supply clients with off-site mitigation

Water Resources

- Comprehensive services for watershed analyses
- Hydrology and Hydraulics modeling
- FEMA Floodway and Floodplain delineations
- FEMA Flood Insurance Studies
- Natural resource consulting and engineering (forestry, water, fisheries, environmental impact studies)
- Water quality planning, monitoring, and sampling
- Fish passage analysis and design
- Stormwater compliance and engineering

CIVIL ENGINEERING APPLICATIONS USING RECYCLED MATERIALS

KENNEC is on the leading edge of using recycled material in Civil Engineering Projects. From Initial design to Construction KENNEC understands the unique challenges that our clients face when using new and different materials and techniques for their projects. We are proud to be a consultant to the CIWMB Waste Tire Division helping in the promotion and development of Tire Derived Aggregate (TDA) markets and civil engineering uses.

KENNEC understands the recycled market place with a Regional, National, and Global perspective. From developing markets, by educating the local and regional decision makers, to designing and managing the actual construction project, we understand the process from beginning to end. From recycled glass to recycled tires KENNEC has the experience and interest it takes to find the optimum use of recycled material for our clients.

With our extensive landfill design and construction experience we find the best use for recycled material on your site. With the benefits of cost savings and political and public approval, KENNEC can help you receive the maximum benefit from using recycled materials.

Due to the limited supply of materials such as Gravel, Lightweight Pumice and Expanded Shale we are seeing the use of Recycled glass and TDA growing substantially. These recycled products often are found to be the most cost effective options to our projects. In addition to replacing more traditional and commonly used products such as Pumice and other naturally occurring lightweight fill material, recycled materials are often overlooked when working with more "high tech" alternative products such as Styrofoam. KENNEC always identifies these opportunities for utilizing the benefits of recycled materials, if it can help our client, we will show you how.

Currently KENNEC is working extensively with the CIWMB and Dr. Dana Humphrey, the worlds foremost authority on civil engineering uses of recycled waste tires. We are involved in the Education of working engineers, state sponsored Incentive Program development, Design, and Construction using Tire Derived Aggregate (TDA).

Precise, cost-effective characterization of project alternatives is one of KENNEC's strengths. We use recycled material when it gives substantial benefits to our clients. Types of projects where the use of recycled material can be beneficial are listed below.

RECYCLED MATERIALS IN CIVIL ENGINEERING PROJECTS

- Landfill Biofilter Systems
- Landfill Leachate Collection and Removal
- Landfill Cover Systems
- Retaining Wall Construction
- Embankment Construction
- Drainage and Storm Water Management Systems

Joaquin A. Wright
Civil/Environmental Engineer

Professional Qualifications

Mr. Wright has over six years of experience in environmental engineering and construction. He has performed onsite project management for landfill construction and general construction, and has worked extensively on large earth moving construction projects. Mr. Wright has extensive landfill design development experience, including mathematical modeling of surface water, soil loss, construction management and construction quality assurance services for liner installations and landfill expansion/closure projects throughout California. He has performed hydrology analysis, and developed construction, erosion control, and grading designs for a variety of landfill expansion, methane removal, and associated projects. He has performed onsite management of subcontractors and vendors defining and collecting bid submittals for various industrial and civil construction projects. He has also been responsible for the proposal, interview, construction management and coordination efforts of the second, and third civil engineering application project using tire shreds in California, as well as the management of the first civil engineering application project using tire shreds in California. He has also been responsible for monitored safety procedures, and been responsible for the compilation and analysis of a variety of environmental data. Mr. Wright is a founding member and Senior Vice President of Kennec Earth Engineering.

Education

B.S., Environmental Resource Engineering, Humboldt State University, Arcata, California, 2001

Additional Training:

40-Hour Hazardous Waste Workers Training (1999), current until March 2005
24 First Responder Operations Level Health and Safety Training (1999)
Certified Engineer-in-Training (1998)

Registration/Certifications

Certified Professional of Erosion and Sediment Control (CPESC)(2003)
Asbestos Supervisor/Contractor (AHERA) Certified (1999)
Nuclear Density Gauge Certified (1999)

Work Experience

2005 – Present
***Founding Member Engineer,* Kennec Earth Engineering LLC, Klamath, CA**

2002 – 2005
Engineer, Bryan A. Stirrat & Associates, Inc., Civil and Environmental Engineers, Diamond Bar, California

*1997 – 2002**
Engineer/Scientist II, Staff Engineer, EMCON/The IT Group, Sacramento, San Jose, San Bernardino, CA,
**** includes 1 year of full time student status***

Related Project Experience

Presentation and Award of second and third Civil engineering application of tire shreds contract from CIWMB tire division. Estimated three year $1,000,000 total contract value. Current Project Manager and Support Engineer for the contract.

Project Management of first and second and third civil engineering application of tire shreds in California, including construction management. Projects involved placement of temperature, pressure, stress and strain, tilt, and settlement recording devices in the more than 25,000 cubic yards of tire shreds (cumulative) that were placed as lightweight fill for highway construction project in Milpitas, California, and a retaining wall backfill in Riverside California. Writing of the project summary and description.

Master Plan Design and Development for Frank R. Bowerman Landfill in Orange County, Ca. as well as Barstow Landfill in San Bernardino County, Ca. Including hydrology analysis of project site and all individual phases, Cut and Fill sequencing, stockpile planning, storm water runoff treatment, and cost analysis.

Design Drawings of Methane Barrier and extraction system for Belmont Learning center, Los Angeles, California. Including storm water and surface water drainage and treatment design, along with rerouting existing fire and potable water delivery system.

Design Drawings for landfill expansion and closure projects at Frank R. Bowerman and Prima Landfills in Irvine, California, Mid-valley and numerous other San Bernardino County landfills, California, Ocotillo Landfill in El Centro, California, Otay Landfill in San Diego, California, Flathead landfill in Montana, and Tajiguas landfill in Santa Barbara, California. Including Hydrology modeling analysis and design, surface water and subsurface water drainage, desilting basins and appurtenances, erosion control and maintenance, well extensions, stream channel re-alignment and expansion cell designs.

Construction Management/Construction Quality Assurance, Frank R. Bowerman Landfill, Orange County, California. Provided construction management and construction inspection during expansion projects during 2002.

Project and Construction Management of Asbestos abatement and re-insulation project for an on-line cement manufacturing facility. Project valued 1.25 Million, with an on time, below budget completion time of 9 months.

Construction Management/Construction Quality Assurance, Fink Road Landfill, Stanislaus County, California. Provided construction management and construction inspection during installation of landfill gas ventilation system, and construction of a lined cell.

Construction Quality Assurance for expansion projects including the Forward Landfill, Stockton, California; and the Western Regional Landfill, Placer County, California. Also, landfill cap construction at the Willits Landfill, Mendocino County, California, cell construction at the Ox Mountain Landfill, Half Moon Bay, California, including onsite soil analysis and testing.

Construction Management of a variety of projects for Riverside Cement Company including Kiln dust landfill dust control system and site geotechnical investigation for new facility construction.

Modeling of Groundwater Runoff using AES software, and development of final design and report for Master Drainage Plan at a 1,000-acre cement manufacturing facility, which decreased peak flow by approximately 40 percent.

Julian Ibarra

Professional Qualifications

Julian Ibarra has 5 years of experience working in the Environmental Engineering Consulting field. He has worked on a variety of Landfill associated projects; he is well versed in hydrology, landfill cell expansion design, cover design, leachate system design, grading, quantity calculation, concrete design, sub contractor and construction management, as well as military demolition and combat construction.

Accomplishments

Project Coordinator and Construction Manager for the California Integrated Waste Management Board project to use Tire Derived Aggregate as backfill for retaining walls at the Interstate 215 and Highway 91 interchange.

Project Manager and Design Engineer for the $500,000 Storm Water Channel and Basin at the San Timoteo Sanitary Landfill in Redlands, CA.

Project Engineer for the Twentynine Palms Landfill Final Closure Project.

Assistant Design Engineer for the construction plans to provide additional reservoir storage and water line upgrades to meet the Orange County Fire Authority standards for the Olinda Alpha Landfill in Brea, CA.

Assistant design engineer for the construction plans of the Mid Valley Sanitary Landfill Unit 3 Phase 3 & 4 Liner.

Assisted in the initial planning and research for the Belmont School project in downtown Los Angeles to monitor gas migration and develop a design to divert and collect gases prior to reaching any of the educational facilities.

Performed hydrology analysis for landfills in San Bernardino County, Los Angeles County, San Diego County, New Mexico and Montana.

Prepared multiple excavation grading plans and fill sequence plans for landfill throughout California.

Capabilities

- Experience with multiple hydrologic analysis programs such as Advanced Engineering Software-HydroWin, the Los Angeles County F0601 and TC Calculator, the Soil Conservation Service program based on Technical Release 55, WIN TR-55.
- Experience with Haested Method's Flowmaster and WaterCad programs as well as the Los Angeles County WSPG and US Army Corp of Engineers HEC-RAS programs.

- Experience with Maccaferri erosion control software, MACRA 1, MACRA 2 and GawacWin.
- Experience with AutoCad, currently using the 2005 version.
- Experience with Microsoft Office applications such as Word, Excel and Power Point.
- Supervision and training of new entry level staff engineers and college interns.

Work History

2006-Present
Project Engineer Kennec Earth Engineering LLC Klamath, CA

2003-2006
Staff Engineer Bryan A. Stirrat & Associates Diamond Bar, CA

Provide task and project management for design and performance of scope of services for various solid waste and environmental projects. Responsibilities include "hands-on" design, performing calculations, writing reports, technical oversight, project and client coordination, and preparation and monitoring of project budgets and schedules.

2001-2003
Engineer Intern Bryan A. Stirrat & Associates Diamond Bar, CA

Provide field and office support for solid waste and other environmental projects. Typical duties included performing calculations, writing reports, research and field monitoring.

1997-2000
Combat Engineer/ Squad Leader, United States Army Ft. Bragg, NC

Performed combat engineering tasks in support of the 82nd Airborne Division, specialized in demolitions, reconnaissance and combat construction. Supervised a squad of eight soldiers on various combat and construction tasks.

Education

B.S. Civil Engineering, California State University, Los Angeles, 2003

EIT Certified and registered

Member of Tau Beta Pi Engineering Honor Society, Chi Epsilon Civil Engineering Honor Society, the Golden Key International Honour Society and the American Society of Civil Engineers.

Erik Korsmo

Professional Qualifications

Mr. Korsmo has 15 years of experience in construction and engineering, the last six years in environmental engineering and construction management. He has a degree in Civil Engineering with an emphasis in geotechnical and structural engineering, along with 9 years of previous experience in commercial and residential construction. His expertise as a the lead project manager and design engineer have been integral to the success of all the project in which he has worked on. He has experience on over 75 private and public landfills designing, planning and permitting throughout the western United States including Alaska and Hawaii. In addition to his landfill work he has performed a variety of environmental projects including landfill development, construction and stormwater design. His previous experience involved all aspects of project controls including plan design and review, budgeting, subcontractor coordination, quality control, client contact, and permitting.

Education

B.S., Civil Engineering, Washington State University, 1995

Additional Training:
CES/Landtec-Landfill Engineering Design, 2003
Landfill Gas Generation Modeling, EMCON Landfill Gas Model V 6.1, EPA LandGEM v.3.02
HEC-Hydrologic Modeling System V 2.2.2
HEC-River Analysis System V 3.1.1
PCSTABL/STED V 6.32
U.S. Army Corps of Engineers Construction Quality Management for Contractors, 1999
BNSF – Safety Training
First Aid/Adult CPR, 2002
Radiation Safety Officer for EMCON/OWT (Oregon), 2005
8-hour HAZWOPER Training, 2005
40-hour HAZWOPER Training, 1999

Registrations/Certifications

Engineer-In-Training, Washington, 1995
Nuclear Testing Equipment Certification (Troxler)
HAZMAT Certification, 2005

Work History

2006 – Present
Project Manager
Kennec Inc., Portland, Oregon
Responsibilities include Portland Construction and Operations Manager, all phases of design (conceptual through construction), proposals, design, report and specification and construction quality assurance (CQA) preparation, permitting, regulatory compliance work, engineering drawings, and modeling analysis for landfill, storm water, and construction projects.

1999 – 2005
Project Engineer/Manager Head of the Landfill Gas Design Center in Portland, Oregon.
Shaw Environmental, Inc., Portland, Oregon
Responsibilities include all phases of design (conceptual through construction), report and specification and construction quality assurance (CQA) preparation, permitting, engineering drawings, and modeling analysis for landfill designs.

Project Experience

Design / Construction Management

Cactus Waste Landfill, Arizona – Design engineer for a 500+ acre landfill. Project activities included a slope stability analysis using PCSTABL5M/STET, designing a stormwater channel to divert flows from floodplain around landfill, designing Cell 1, material take-offs, and preparing the project drawings.

*Graham Road Landfill, Airway Height, Washingto*n – Engineer for the Graham Road Cell 10 expansion and leachate pond construction. Responsible for landfill cell preliminary design, including verifying on-site features, completing engineering drawings, preliminary leachate pond design, data gathering, quantity take-offs, and client contact.

Marion County Ash Monofill, Woodburn, Oregon – Project manager/project engineer for the Cell IV ash monofill expansion. Project duties included designing the monofill expansion to include the first GCL permitted for an ash cell in Oregon, CQA manager, client coordination, and record drawings.

Riverbend Landfill, McMinnville, Oregon – Project manager/project design engineer for the Module 8A expansion. Project activities included expansion design, LFG design for expansion of the existing system, CQA manager, client coordination with contractor, surveyors, and contractors, and the certification report.

Riverbend Landfill, McMinnville, Oregon – Project engineer/construction quality assurance manager (CQA) for Riverbend Landfill for construction of a 25 million-gallon leachate pond. Project duties included design, technical specifications, CQA manual, client and contractor coordination, CQA management for all parts of construction, and certification report.

Hillsboro Landfill, Hillsboro, Oregon – CQA systems manager for the Cell IVD expansion. Project activities included CQA manager, client coordination with contractor, surveyors, and contractors, and the certification report.

Washington State University Student Book Store, Pullman, Washington – Project manager/project superintendent for redevelopment of the Washington State University Book Store. Duties included oversight of subcontractors, submittal review, permitting, coordinating inspectors, budgeting control, bidding, interpreting plans and specifications, purchasing materials, and client contact.

Landfill Gas Design / Project Managament

Anchorage Regional Landfill, Anchorage, Alaska – Project Engineer for master planning and the design and permitting of a landfill gas collection and control system. Project activities included preparing construction drawings, slopes stability, leachate collection and recovery system, and artic pipe design.

Alliance Landfill, Taylor, Pennsylvania – Project engineer for the design of a landfill gas collection and control system. Project activities included preparing construction drawings and reports.

American Canyon Landfill, Napa, California – Project engineer for the development of permit level design drawings for a landfill gas collection and control system. Project activities included methane generation modeling, rerouting header and lateral piping, modeling for sizing of piping, material take-off and restructuring condensate management systems.

Anaheim Redevelopment Project, Anaheim, California – Project engineer for the control of landfill gas for a future commercial development location. Tasks included options for phased development of a landfill gas control system at two former gravel quarries and solid waste landfill, and developing closure plans and technical specifications.

Billy Wright Landfill, Merced County, California – Design Engineer for landfill gas generation modeling to determining the proper sizing of the landfill gas collection and treatment system.

Camp Pendleton, California – Design Engineer for development of a landfill gas collection and treatment system. Project activities included landfill gas modeling, condensate generation modeling, radius of influence calculations, and the landfill gas system collection system design.

French Camp Landfill, Stockton, California – Project engineer for the preparation of a landfill gas collection and control system for mitigative measures for the release of volatile organic compounds into groundwater

Kettlemen Hills Landfill, Kings County, California – Project engineer for the design and permitting of a landfill gas collection and control system for the proposed bioreactor system for unit B-19 at the site. Project activities included modeling the landfill gas generation potential, modeling for sizing the header and lateral piping system, sizing the enclosed flare and blower system, and assisting with preparing the Joint Technical Document.

Marina Landfill, Monterey, California – Project engineer for a design/build project involving the design and construction of a landfill gas collection and control system. Project activities included designing a temporary and permanent header system, installing vertical extraction wells in a wet weather area, and a phasing plan for developing the collection system.

Leichner Landfill, Vancouver, Washington – Project design engineer for design modifications to improve the efficiency of the existing landfill gas collection and control system. Project activities included design and preparing construction drawings.

Olympic View Sanitary Landfill, Port Orchard, Washington – Project design engineer responsible for preparing landfill gas collection and control expansion construction drawings.

Riverbend Landfill, McMinnville, Oregon – Design engineer for the 2002 and 2003 landfill gas system expansion. Project activities included expansion design, and LFG design and mitigation for expansion of the existing system.

Rodefeld Landfill #2, Dane County, Wisconsin – Project engineer for the design of a landfill gas collection and control system. Project activities included preparing landfill gas modeling, construction drawings, and reporting. The design included expansion of a landfill gas recovery facility using an internal combustion engine, Caterpillar 3516 TA 90 LE.

Waimanalo Gulch Landfill, Kapolei, Hawaii – Project design engineer for a landfill gas collection and control system. Project activities included preparing construction drawings, reports, and permitting an enclosed flare consistent with the requirements stated by the Hawaii Department of Health.

Bunker Hill Central Impoundment Area Superfund Site, Kellogg, Idaho – Project engineer/construction quality control system manager for the Bunker Hill Superfund Project. Project duties included coordinating engineering functions with Corps of Engineers, EPA, the State of Idaho, and local officials; maintaining compliance with the Quality Control Plan; supervising and conducting three phase inspections; updating the submittal register; preparing submittals to meet client requirements; and developing procurement documents. A major phase of work included installing a 205-acre LLDPE liner.

Acted as project superintendent for 50 construction products. Duties included subcontractor oversight, submittal review, permitting, coordinating inspectors, budgeting control, bidding, interpreting plans and specifications, purchasing materials, all aspects of construction, and client contact.

Environmental Engineering

Project Manager/Engineer for creating over 50 SPCC/SWPPP plans for Alaska, Washington, Oregon, and California.

Responsible for on-site research and document preparation concerning a solid waste management study for the U.S. Navy at both the Whidbey Island Air Station and Everett Naval Station in Washington.

Assisted in writing specifications for demolition of numerous buildings and storage tanks at Washington State University in Pullman, Washington.

Dagan N. Short, PE
Principal Engineer

Professional Qualifications

Mr. Short is trained in Civil and Environmental Engineering with an emphasis in water resources, solid and hazardous waste containment, soil and water remediation, hydraulic modeling, software development, and technology management.

Engineering Design - Familiar with the design process, Mr. Short has been involved with all stages of engineering design from traditional civil engineering projects to developing web integrated software platforms. Design work has been focused on general civil projects (e.g., roads, grading plans, water distribution), solid and hazardous waste landfills (e.g., low permeability liner systems, leachate and stormwater management, fill and grading plans), soil and water remediation systems, and water resources (e.g., drainage infrastructure, constructed wetlands, fish passage, erosion control structures, conveyance systems, and habitat enhancement). Computer modeling experience includes hydrologic and hydraulic forecasting, contaminant transport and fate analyses, and GIS map production. Proficient in the following models: HEC-1, HEC-2, HEC-6, HEC-HMS, HEC-RAS, CE-QUAL-W2, MODFLOW, SUTRA, GMS, HELP, SWMM, HAZUS, FlowPath, and MapInfo.

Construction - Mr. Short has served as resident engineer for numerous construction projects located in CA, FL, OR, ID, NV, and WA. Work has primarly been focused on soil/groundwater remediation, commercial development and infrastructure, and several solid and hazardous waste landfills including; Hidden Valley (Puyallup, WA), Roosevelt (Roosevelt, WA), Dry Creek (Medford, OR), Kiefer Landfill (Sacramento, CA), South Stage (White City, OR), and Hillsboro (Hillsboro, OR). Responsibilities have included construction management, providing engineering support (e.g., review of drawings and technical specifications), soil characterization, in-situ permeability testing, performing material takeoffs, estimating required construction effort, and preparing as-built drawings and reports.

Business Development -- A strong entrepreneur and self-starter, Mr. Short has been successful with implementing two new business models to complement Shaw's engineering business group. Instrumental in the startup of the Stormwater Discipline Group, which supports all of Shaw's Engineering Group, Mr. Short was the Pacific Northwest Stormwater Discipline Leader. Also involved with Shaw's Software Development Team, Mr. Short participated in the development and execution of the "Shaw Team" web portal, designed to assist in the online collaboration of engineering projects.

Education

B.S., Environmental Resource Engineering, Humboldt State University
M.S., Civil Engineering, Portland State University

Additional Training:
OSHA 40-Hour Hazardous Waste Training
OSHA Hazardous Waste Supervisor Training

Registrations/Certifications

Registered Professional Engineer (Civil), Oregon, Lic.#: 74125PE
US Army Corps of Engineers Construction Quality Management Certification
Nuclear Densiometer Certification
Radiation Safety Officer Certification

Work History

March 2005 – Present
Founder and President, Kennec Earth Engineering, LLC, Portland Oregon
Founder and President of Kennec Earth Engineering, a civil and environmental engineering firm based out of Portland Oregon. Kennec is a Native American majority owend engineering consulting firm specializing in sustainable engineering and water resoures. Mr. Short is responsible for all business activities and is the Principle Engineer in Charge.

August 2003 – March 2005
Senior Project Manager, Shaw Environmental, Inc, Portland Oregon
Responsible for providing technical support for a variety of civil and environmental engineering activities throughout the Pacific Northwest region. As the Stormwater Discipline leader for the Pacific Northwest – was responsible for business development, technical guidance, and engineering support for a wide variety of water resource work. Projects included hydrologic and hydraulic modeling for floodway and floodplain assessment, sizing stormwater conveyance structures, detention/retention basins, drop structures, fish passages, sediment transport and fate analyses, and erosion control systems. Other projects included the design of pump stations, stormwater remediation systems, stability analyses for embankment structures, low permeability liner systems, levee failure analyses, and compliance reports and evaluations.

March 2001 – August 2003
Chief Technology Officer, Smart Mediary Systems, LLC, Portland Oregon
Co-founder and CTO of Smart Mediary Systems a high-technology company specializing in electronic publishing and Many-to-Many online market places for the trade of professional work products. Chief Architect and manager for the development of a $2.5M proprietary content management and distribution system for electronic publishing. Managed a team of engineers for the design and construction of software applications and clustered database systems. Performed technical lead on all patent fillings with the USPTO and authored all technical claims, design specifications, and schematics. Presented successfully to several Fortune 100 companies for consulting work, product demonstrations, and sales. Responsible for all engineering activities including: budget, staffing, contractor procurement and management, technology infrastructure, R&D, technical sales, and marketing proposals.

August 1999 – March 2001
Project Engineer, IT Corporation, Portland, Oregon
A member of the technical services group. Projects involved the design of solid and hazardous waste containment facilities, remediation of contaminated soil and groundwater, and performing site investigations for environmental assessments. Other projects have included stormwater management involving the design of stormwater containment and control structures, preparing National Pollution Discharge and Elimination System (NPDES) permits, Storm Water Pollution and Control Plans (SWPCP), and the development and implementation of Best Management Programs for a wide variety of private and commercial industrial facilities.

July 1998 – August 1999
Staff Engineer, EMCON, Portland Oregon
Provided technical support for environmental engineering activities located throughout the Pacific Northwest region. Responsibilities included solid and hazardous waste landfill design, soil and groundwater remediation designs, performing site evaluations to identify present and potential environmental impacts, and geotechnical engineering support for soil testing.

June 1997 – June 1998
Engineering Intern, Spencer Engineering and Construction Management, Inc, McKinleyville, California
Provided engineering support for environmental engineering activities located in northern California. Responsibilities included providing staff engineering support and performing field inspections.

Project Experience

- Manchester Fuel Depository, US Department of Navy. Managed a $4M remediation and stormwater improvement project for a fuel repository located on the Puget Sound, Manchester Washington. Designed and constructed two air sparge systems and made numerous stormwater improvements including the installation of four oil/water separators and three sediment dropout structures.

- FEMA Flood Insurance Study. Revised and completed hydraulic modeling to determine the 50, 100, and 500 year flood plain and flood way elevations. Developed and submitted a Letter of Map Revision (LOMR) to FEMA for a proposed 125-acre residential development project located next to a chemical waste repository. Modeling was completed by using HEC-2 and checked by HEC-RAS.

- Murrey's Disposal Company. Project manager for a $350K facility upgrade project. Performed a stormwater evaluation of the existing drainage system. Redesigned the drainage system to separate wash water and leachate contributions to the stormwater system. Applied for an NPDES permit and developed the sites Storm Water Pollution Prevention Plan.

- State of Hawaii. Project engineer responsible for performing a flood and hazards analysis using the HAZUS model for two scenarios: 100-yr storm event and an earthquake greater than a magnitude 6. The analysis included debris generation and identified impacted areas

from flooding. The quantity of debris and flooding areas were computed for each census track of the five counties in the state of Hawaii. A detailed Benefit/Cost analysis was performed to determine the feasibility of various mitigation options intended to minimize debris generation and flooding.

- Oregon State Department of Transportation - Detroit Lake Gasoline Spill, Detroit Lake. Represented Oregon DOT as their liaison and consulting engineer for the emergency remediation action taken to cleanup the Detroit Lake Gasoline Spill. Negotiated with the responsible party's consultant, DEQ, and the US Forest Service during the removal action. Reviewed the responsible parity's remediation design and performance as related to the lake air spage and soil vapor extraction systems. Also assisted in the development and execution of the remedial monitoring plan and review of analytical data.

- Confidential Client. Served as project manager and consulting engineer for an Oregon client being sued under the Clean Water Act. The lawsuit was initiated by a non-profit environmental advocacy group suing over various stormwater discharge violations. A comprehensive drainage analysis was performed of the site along with the implementation of several stormwater treatment systems, including bioswales, oil/water separators, and industrial stormwater filters.

- Owens-Brockway Glass Plant. Project manager for a $1.2M stormwater improvement project located on the Columbia Slough Oregon, a highly sensitive environmental zone. Performed a stormwater evaluation of the facility, designed two sediment dropout structures, improved six stormwater outfalls with bioswales, and rerouted over 1,200 feet of storm drain piping. Responsible for all project activities including client interaction, design, contractor procurement, and construction quality assurance.

- Municipality of Sacramento CA. Kiefer Landfill Master Closure Plan. Project engineer responsible for design of closure roads, stormwater conveyance structures, and stormwater detention facility. Performed senior review on all hydrology and hydraulic modeling (HEC-HMS and HEC-RAS), grading plans, technical specifications, and bid documents.

- Confidential Client, Alameda County CA. Project Manager for a $6.5M brown field development project located on an abandoned ash monofill. Project involved the removal of 1.2M cubic yards of contaminated soils, construction of a low-permeability cover liner, stormwater controls, and a pump station. Coordinated all project activities and acted as the client liaison for negotiations with the various regulatory agencies.

- Municipality of Anchorage Alaska. Project engineer responsible for overseeing stormwater improvements for the closure of the landfill. Sized two stormwater detention basins designed for the 100-year storm event located at the city landfill. The hydrology modeling was performed with HEC-HMS (volume and routing). HEC-RAS was used to design the conveyance channels. Outlet structures and emergency spillways were also designed.

- Washington County Transfer Station, Oregon. Project manager and engineer of record for a retaining z-wall constructed of eco-blocks and recycled tire chip backfill. The first project of its kind in the State of Oregon. The retaining z-wall stretched for over 550 feet and was used as a dropoff area for public recycling activities.

- Sunrise Mountain Landfill, Los Vegas. Performed a Stormwater Drainage Analysis to determine the worst case flood elevations for the 100 and 200-year storm events. Sized conveyance channels with Reno mattresses and gabion baskets. Performed traction force calculations and channel geometry optimization. Also designed an emergency spillway engineered to pass a storm event greater than the 200-year storm.

- Waste Management of Oregon. Performed stormwater audits and developed stormwater pollution control plans for three transfer stations located along the Columbia Slough, one of the most highly sensitive and protected environments in the State of Oregon.

- Hillsboro Landfill, Hillsboro, OR. Completed the Master Drainage Study for determining the stormwater drainage infrastructure necessary for various phases of landfill closure. Performed senior review on hydrologic modeling completed by HEC-HMS for both the 25 and 100 year return periods. Optimized Reno mattress and gabion basket geometry for the conveyance structures.

- Cactus Landfill, AZ. Completed a drainage study for pre and post construction efforts for a proposed solid waste landfill. Hydrologic modeling was performed by HEC-HMS for over a 100 mi^2 drainage area. HEC-RAS was used to model the hydraulic characteristics for sizing road dips and culvert crossings.

- Spill Prevention, Control, and Countermeasure (SPCC) Plans. Western regional SPCC account manager for a confidential Fortune 5 company. Competed over 400 SPCC Plans, as a part of a national campaign, for their various stores and distribution centers located in CA, OR, CO, ID, and WA. Responsible for project coordination with various subcontractors and internal staffing needs, budget tracking and invoicing, and client communications.

- Oregon Military Department. Developed five Integrated Contingency Plans (ICPs) for the Oregon Military Department for their Organization Maintenance Shops (OMSs) located throughout the state of Oregon. Activities included site investigations to determine existing environmental practices, document chemical inventory, and review environmental permits. The ICPs were developed to consolidate and simplify the regulatory compliance and emergency response programs for the OMSs. The regulatory programs in the ICPs included: Stormwater Pollution and Control Plans; Clean Water Act Spill Prevention, Control, and Countermeasure Programs; Pollution Prevention Plans; and Installation Spill Contingency Plans.

- Washington State Department of Transportation, Highway 5 expansion project. Designed an impermeable barrier made of a high density polyethylene (HDPE) geomembrane liner to prevent the migration of petroleum contaminated groundwater from entering stormwater runoff. Design activities included hydrostatic calculations for construction below the water

table, determining excavation quantities, geomembrane liner selection, cost estimation, and writing of the technical specifications.

- Successfully completed several National Pollution and Discharge and Elimination System (NPDES) permits and Stormwater Pollution and Control Plans (SWPCP) for industrial sites in the state of Oregon. Work has involved site investigations to identify contaminants of concern, performing stormwater volume calculations, creating runoff profiles, developing and implementing Best Management Practices for the SWPCP, and employee training.

- Glide Landfill, TreeSource Inc, Glide, Oregon. Designed a site development and operations plan to be submitted to the Oregon Department of Environmental Quality. Work involved designing the intermediate and final grading plans, volume and life expectancy estimates, stormwater control structures, and a fill plan and schedule.

- Hoy's Marine, Newport, OR. Project manager responsible for the design and implementation of a contaminated sediment removal action as part of the US EPA's CERCLA program. Contaminates of concern included heavy metals, chlorinated solvents, and PCBs.

- Truck Road Landfill, Weyerhaeuser Inc. Provided engineering support for the design of a leachate collection system to eliminate a leachate seep. Design work involved stormwater calculations, pipe and sump pump sizing, culvert sizing, and development of a fill plan.

- Participated in several sediment transport and fate analyses along the Willamette and Columbia River using the Army Corps of Engineering Hydraulic Survey Bathymetry Data. Analyses have evaluated the transport and fate of sediments within the Willamette and Columbia River using historic data.

- Hillsboro Landfill, Hillsboro, Oregon. Participated in cell expansion activities at the Hillsboro Landfill. Responsibilities included designing subgrade plans, HELP modeling for leachate quantity predictions, wetland delineation estimates, creating technical specifications and bid documents for excavation work, and cost estimation.

- Intel Corporation, IRAM Hardness Study. Assessed the reliability of a liquid ring pump to extract PCB contaminated groundwater with high concentrations of iron and calcium carbonate. Analysis involved assessing the potential for scaling by analyzing iron and hardness concentrations in the extracted water.

- Port of Portland Terminal 4 Slip 3, Project manager for a $1.8M air sparge remediation system for the removal of petroleum (PAHs and BTEX) contaminated groundwater. Activities involved system design related to sizing the liquid ring pump, calculating residence times, layout of equipment, and design of operations and monitoring schedule. Also supervised monitoring of discharge samples, data analysis, analytical laboratory procurement, and writing of discharge monitoring reports.

- Roosevelt Regional Landfill, Roosevelt Washington. Provided engineering support for the design of a municipal solid waste cell expansion project at the Roosevelt Landfill. Design tasks included preparing subgrade plan, field reconnaissance to define subground characteristics, creating technical specifications and bid documents for excavation work, cost estimation, and contractor procurement. Other experience at the Roosevelt Landfill included performing in-situ falling head permeability tests on the ash monofill, grain-size analysis of road and drainage aggregate, and contractor oversight for excavation activities.

- Former Chevron Bulk Terminal, Coos Bay Oregon. Designed a remedial action plan for the removal and treatment of petroleum-contaminated soil and groundwater. Design activities included selection and sizing of the vapor recovery system, determining excavation quantities, and selection of remediation techniques (landfarming and air sparge).

- Charleston Boat Yard, Port of Coos Bay, Oregon. Designed a washwater treatment system for the treatment of heavy metal contaminated washwater. Design activities for the treatment system included selection of boat washing slab with sump and pump, batch tank and internal stirrer, synthetic coagulants, and operation and monitoring program.

- Hillsboro Landfill, Hillsboro, Oregon. Participated in cell expansion activities at the Hillsboro Landfill. Responsibilities included designing subgrade plans, HELP modeling for leachate quantity predictions, wetland delineation estimates, creating technical specifications and bid documents for excavation work, and cost estimation.

- Navy and Marine Corps Reserve Center, Spokane, Washington. Performed an environmental site assessment to determine existing and potential environmental impacts (Phase I and II). Responsibilities included regulatory research, oversight of field explorations to identify underground storage tanks (USTs), and client interaction with the commanding officer of the reserve center.

- City of Grants Pass, Grants Pass, OR. Completed a greenwaste analysis for the City of Grants Pass in order to determine whether a composting facility would be economically feasible. Tasks included identifying the various components in the greenwaste stream, regulatory research regarding composing permitting, leachate predictions, and cost estimation for the various composing methods.

- ESCO Corporation - Sauvie Island Landfill, Portland, Oregon. Provided engineering support for the design of the Sauvie Island Landfill. Responsibilities included HELP (Hydrological Evaluation of Landfill Performance) modeling, developing final grade plans, geosynthetic design (i.e., geocomposite drainage layer, geomembrane liner installation, and geosynthetic clay liner installation), cost estimation, and contractor procurement.

- Land Recovery, Inc. - Hidden Valley Landfill, Puyallap, Washington. Participated in closure design activities at the Hidden Valley landfill. Responsibilities included construction quality assurance for the closure of the landfill, including construction oversight for the installation of the geomembrane cover, geocomposite drainage layer, and drainage pipe. Other

responsibilities included construction management, record keeping, performing on-site design calculations for drainage pipes and stormwater diversion channels, project budget tracking, and report writing.

- Washington State University, Pullman, Washington. Performed a feasibility study to develop and assess remediation alternatives for the treatment, removal, and containment of contaminated soil and groundwater at the university's inactive chemical waste landfill. Contaminates of concern included chlorinated solvents, heavy metals, and low level radioactive isotopes.

- Land Recovery, Inc. - 304th Street Landfill, Glen, Washington. Provided engineering support for the design of the 304th Street Landfill. Design activities included subgrade design under the water table, stability analyses, HELP modeling, excavation volume estimates, and cost estimation.

- Portland Development Commission, Portland, Oregon. Designed remedial action plans (RAPs) for seven parcels in downtown Portland. Responsibilities included the analysis and presentation of various remediation technologies, analysis of groundwater and soil data to determine risk levels, cost estimation and contractor procurement.

- Waste Management, Inc. Graham Road Recycling and Disposal Facility, Medical Lake, Oregon. Provided engineering support for the design of the Graham Road Recycling and Disposal Facility. Design activities included subgrade design, stability analyses, HELP modeling, excavation volume estimates, and cost estimation.

- Kaba-Texas Mine, Oroville, Washington. Project Field Engineer. Participated in the oversight of excavation and capping of over 175,000 cubic yards of heavy metal contaminated mine tailings at the Kaba-Texas Mine facility as part of the US EPA's CERCLA program. Engineering activities included the design and implementation of stormwater channels, erosion control structures, and the sizing of a sedimentation and infiltration basin.

- Rogue Disposal Company - Dry Creek Landfill, Medford, Oregon. Performed engineering services for the Dry Creek Landfill. Responsibilities included performing construction quality assurance services for a 15 acre municipal solid waste landfill, including construction oversight and on-site soil and drainage aggregate testing. Also performed falling head permeability testing of the clay layer to verify hydraulic conductivity design specifications.

- Yamhill County Department of Public Works- Newberg Landfill, Newberg, Oregon. Provided engineering support for the design of stormwater drainage channels and erosion control structures at the Newberg Landfill. Responsibilities included hydraulic modeling with HEC-RAS to determine hydraulic characteristics, performed cost analysis, design calculations, report writing and CADD services.

- Hidden Valley Landfill, Puyallap, Washington. Participated in closure design activities at the Hidden Valley Landfill. Responsibilities included construction quality assurance for the closure of the landfill, including construction oversight for the installation of the geomembrane cover, geocomposite drainage layer, and drainage pipes.

- Karuk Tribe of California - Surface Water Sampling Plan, Orleans, California. Designed a surface water monitoring plan for the Karuk Tribe of California. Responsibilities included identifying contaminated areas, developing a surface water sampling plan, creating a geographic information system (GIS) planing map of freshwater well locations distributed over one million acres, cost estimation, and laboratory procurement.

Professional Affiliations

American Society of Civil Engineers (ASCE)
American Indian Science and Engineering Society (AISES)
Software Association of Oregon (SAO)
Oregon Entrepreneurs Forum (OEF)

Professional Awards

1998 Homer Arnold for Outstanding Achievement in Applied Engineering Design presented by Humboldt State University and Northern California Chapter of ASCE.

Kennec Earth Engineering, LLC
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760.912.5800
fax 760.245.9055
www.kennec.com

KENNEC Earth Engineering, LLC

February 16, 2006

Joseph J. Miller, P.E.
Vice President
SCS Engineers
6601 Koll Center Parkway, Suite 140
Pleasanton, CA 94566

Re: Request for Expedited Small Business Evaluation, for contract # IWMB05058

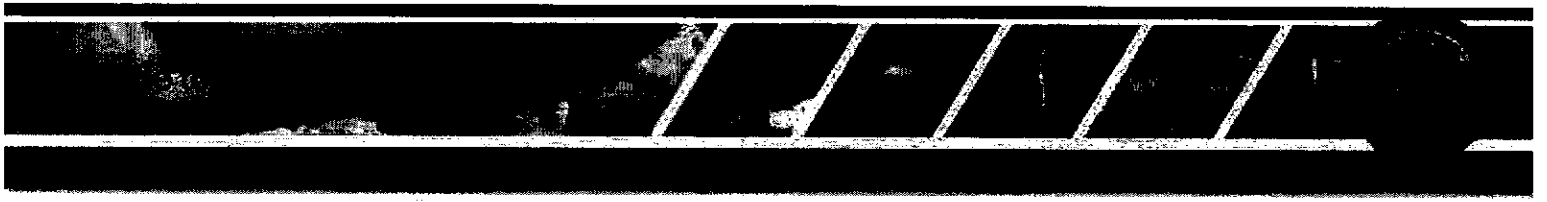
Dear Joe,

Kennec Earth Engineering, LLC has an application for Small Business certification on file with the State of California, Department of General Services, Procurement Division, Office of the Small Business and DVBE Services. For verification, please call the Office of Small Business and DVBE Services, at 916-375-4940.

Thank you for your time, if you have any questions or comments please feel free to call

Joaquin Wright

Senior Vice President, 760 912 5800



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SB/DVBE Services Home

Firm Detail

KENNEC EARTH ENGINEERING LLC
P O BOX 2197
HELENDALE, CA 92342
Email: jwright@kennec.com
Web Page: www.kennec.com

OSDS Ref# 41914
Phone: (760) 912-5800
FAX: (760) 245-9955

AKA Names
KENNEC
Service Area(s): STATEWIDE
Keywords:

Current Certification Status

Business Type	Certification Type	Status	From Date	To Date
SERVICE	SMALL BUSINESS	Pending		

Standard Industrial Classifications (SIC) registered by this firm

SIC Code	SIC Description