

## Exhibit A SCOPE OF WORK

### TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2		Review of Literature on Stream Delineation Mapping
3		Compilation of Physical and Biological Data for Each Study Area
4	X	Ground and Remote Mapping of Channel Processes, Forms and Functional Biological Relations
5		Protocol to Describe and Delineate Episodic Stream Processes Active on a Landscape
6		Technology Transfer Plan and Public Outreach

### KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1-7	R. Brady, PhD- (California State University-Fresno) K. Vyverberg- (California Department of Fish & Game)		

### GLOSSARY

*Specific terms and acronyms used throughout this work statement are defined as follows:*

Acronym	Definition
BLM	U.S. Bureau of Land Management
CPR	Critical Project Review
DOE	U.S. Department of Energy
DRECP	California Desert Renewable Energy Conservation Plan
GIS	Geographic Information System
PAC	Project Advisory Committee
PIER	Public Interest Energy Research
UCC.1	Uniform Commercial Code (Financing Statement)

## Problem Statement

Meeting California's energy needs in the 21<sup>st</sup> century requires the careful development and application of new and existing ecologically sustainable technologies. This is particularly true given the clear mandate to increase the use of solar and other renewable sources to meet the growing energy demand. As a result, public partners and private industries are developing and planning to implement large-scale solar electricity generation facilities in arid and semi-arid regions of California. While both industry and public partners recognize the need to minimize the impacts or offset negative consequences from these projects on sensitive organisms and critical environmental habitats, the lack of protocols for developing accurate and reliable natural resource maps represents a critical information gap that profoundly affects the permitting process. This is particularly true in the case of episodic streams (i.e., ephemeral and intermittent streams) which are the predominant stream type in arid and semiarid – or "dryland" – environments.

California dryland riparian systems are considered high-value wildlife habitat providing more food, water, and cover than other desert communities. Riparian ecosystems are also naturally resilient, provide linear habitat connectivity, link aquatic and terrestrial ecosystems, and create thermal refugia for wildlife – all characteristics that allow the ecological habitat to adapt to climate change (California Desert Renewable Energy Conservation Plan (DRECP) Independent Science Advisors Report<sup>1</sup>, 2010).

Although the ecological relationship between habitat and physical/hydrological processes in perennial streams in humid environments has been well documented, it is much less well understood in dryland episodic stream systems. Despite this, recent studies show that biodiversity and habitat value in dryland environs is considerably higher along episodic stream corridors than in the adjacent uplands. Because active riparian habitats are so scarce in arid and semi-arid regions, it is of the utmost importance that they be managed and protected whenever possible.

Although the surfaces of most dryland landscapes are the product of fluvial processes, these processes are commonly overlooked during project planning. Numerous project histories document how projects that did not incorporate the fluvial processes (particularly flooding, erosion, and deposition) into their design and operation often required costly remediation measures to protect project performance and initial capital investments.

Sustainable and environmentally sensitive design and project development in dryland landscapes ultimately depends on recognizing the types and extent of stream processes active on the landscape. Although many tools and methods are available to do this in temperate and humid landscapes, there is no consistent and scientifically based method to catalog dryland environments dominated by episodic stream systems.

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<sup>1</sup> <http://www.energy.ca.gov/2010publications/DRECP-1000-2010-008/DRECP-1000-2010-008-F.PDF>

While hydrologic controls are fundamentally the same in dryland and humid areas, pronounced variations in the areal distribution and temporal intensities of runoff volumes and durations for dryland streams lead to a much less ordered pattern of processes and stream forms. Consequently, dryland streams exceed the "normal" range of the hydrologic and morphologic characteristics of their temperate and humid region counterparts, so their hydrology, sediment transport characteristics, channel forms, and resultant habitat cannot be reliably predicted by extrapolation from temperate and humid region fluvial systems. Furthermore, stream behavior and project-related impacts on dryland stream environments are difficult to evaluate because many of the concepts and tools developed for fluvial studies were developed in humid regions. The transfer of these commonly used concepts, theories and practices without considering how these processes vary in active in dryland streams, has proven problematic – and most recently so in the siting decisions and permitting process associated with solar array projects in the drylands of California.

### **Goals of the Agreement**

The goal of the Agreement is to develop a consistent and comprehensive method to characterize and delineate the active watercourse processes and boundaries of episodic stream forms in the dryland environment. The method will be developed and tested at California locations identified by the U.S. Department of Energy (DOE) and U.S. Bureau of Land Management (BLM) for in-depth study of proposed, utility-scale solar energy projects such as Imperial East, Iron Mountain, Pisgah, and Riverside East.

### **Objectives of the Agreement**

The objectives of the Agreement are to: 1) produce a scientifically based, geomorphic and ecological stream delineation method that project applicants or their representatives can use to inform the design and development of sustainable, low-impact projects in dryland environments; 2) facilitate renewable energy project permitting by providing agencies and project applicants a rigorous and uniform delineation protocol; 3) develop a consistent method for evaluating the type and extent of off-site mitigation for dryland streams; and 4) provide a formalized methodology with broad application for use in siting and permitting development projects, developing land use and resource management plans, and evaluating land use and resource management practices.

## **TASK 1.0 ADMINISTRATION**

### **MEETINGS**

#### **Task 1.1 Attend Kick-off Meeting**

The goal of this task is to establish the lines of communication and procedures for implementing this Agreement.

**The Contractor shall:**

- Attend a “kick-off” meeting with the Commission Contract Manager, the Contracts Officer, and a representative of the Accounting Office. The Contractor shall bring their Project Manager, Contracts Administrator, Accounting Officer, and others designated by the Commission Contract Manager to this meeting. The administrative and technical aspects of this Agreement will be discussed at the meeting. Prior to the kick-off meeting, the Commission Contract Manager will provide an agenda to all potential meeting participants.

The administrative portion of the meeting shall include, but not be limited to, the following:

- Terms and conditions of the Agreement
- CPRs (Task 1.2)
- Match fund documentation (Task 1.7)
- Permit documentation (Task 1.8)

The technical portion of the meeting shall include, but not be limited to, the following:

- The Commission Contract Manager’s expectations for accomplishing tasks described in the Scope of Work;
- An updated Schedule of Deliverables
- An updated Gantt Chart
- Progress Reports (Task 1.4)
- Technical Deliverables (Task 1.5)
- Final Report (Task 1.6)
- Establish the PAC (Task 1.10)
- PAC Meetings (Task 1.11)

The Commission Contract Manager shall designate the date and location of this meeting.

**Contractor Deliverables:**

- An Updated Schedule of Deliverables
- An Updated Gantt Chart
- An Updated List of Match Funds
- An Updated List of Permits
- Schedule for Recruiting PAC Members

**Commission Contract Manager Deliverables:**

- Final Report Instructions

**Task 1.2 CPR Meetings**

The goal of this task is to determine if the project should continue to receive Energy Commission funding to complete this Agreement and if it should, are there any modifications that need to be made to the tasks, deliverables, schedule or budget.

CPRs provide the opportunity for frank discussions between the Energy Commission and the Contractor. CPRs generally take place at key, predetermined points in the Agreement, as determined by the Commission Contract Manager and as shown in the Technical Task List above and in the Schedule of Deliverables. However, the Commission Contract Manager may schedule additional CPRs as necessary, and any additional costs will be borne by the Contractor.

Participants include the Commission Contract Manager and the Contractor, and may include the Commission Contracts Officer, the PIER Program Team Lead, other Energy Commission staff and Management as well as other individuals selected by the Commission Contract Manager to provide support to the Energy Commission.

**The Commission Contract Manager shall:**

- Determine the location, date and time of each CPR meeting with the Contractor. These meetings generally take place at the Energy Commission, but they may take place at another location.
- Send the Contractor the agenda and a list of expected participants in advance of each CPR. If applicable, the agenda shall include a discussion on both match funding and permits.
- Conduct and make a record of each CPR meeting. One of the outcomes of this meeting will be a schedule for providing the written determination described below.
- Determine whether to continue the project, and if continuing, whether or not to modify the tasks, schedule, deliverables and budget for the remainder of the Agreement, including not proceeding with one or more tasks. If the Commission Contract Manager concludes that satisfactory progress is not being made, this conclusion will be referred to the Energy Commission's Research, Development and Demonstration Policy Committee for its concurrence.
- Provide the Contractor with a written determination in accordance with the schedule. The written response may include a requirement for the Contractor to revise one or more deliverable(s) that were included in the CPR.

**The Contractor shall:**

- Prepare a CPR Report for each CPR that discusses the progress of the Agreement toward achieving its goals and objectives. This report shall include recommendations and conclusions regarding continued work of the projects. This report shall be submitted along with any other deliverables identified in this Scope of Work. Submit these documents to the Commission Contract Manager and any other designated reviewers at least 15 working days in advance of each CPR meeting.
- Present the required information at each CPR meeting and participate in a discussion about the Agreement.

**Contractor Deliverables:**

- CPR Report(s)
- CPR deliverables identified in the Scope of Work

**Commission Contract Manager Deliverables:**

- Agenda and a List of Expected Participants
- Schedule for Written Determination
- Written Determination

**Task 1.3 Final Meeting**

The goal of this task is to closeout this Agreement.

**The Contractor shall:**

- Meet with the Energy Commission to present the findings, conclusions, and recommendations. The final meeting must be completed during the closeout of this Agreement.

This meeting will be attended by, at a minimum, the Contractor, the Commission Contracts Officer, and the Commission Contract Manager. The technical and administrative aspects of Agreement closeout will be discussed at the meeting, which may be two separate meetings at the discretion of the Commission Contract Manager.

The technical portion of the meeting shall present findings, conclusions, and recommended next steps (if any) for the Agreement. The Commission Contract Manager will determine the appropriate meeting participants.

The administrative portion of the meeting shall be a discussion with the Commission Contract Manager and the Contracts Officer about the following Agreement closeout items:

- What to do with any state-owned equipment (Options)
  - Need to file UCC.1 form re: Energy Commission's interest in patented technology
  - Energy Commission's request for specific "generated" data (not already provided in Agreement deliverables)
  - Need to document Contractor's disclosure of "subject inventions" developed under the Agreement
  - "Surviving" Agreement provisions, such as repayment provisions and confidential deliverables
  - Final invoicing and release of retention
- Prepare a schedule for completing the closeout activities for this Agreement.

**Deliverables:**

- Written documentation of meeting agreements and all pertinent information
- Schedule for completing closeout activities

**REPORTING**

**See Exhibit D, Reports/Deliverables/Records.**

#### **Task 1.4 Quarterly Progress Reports**

The goal of this task is to periodically verify that satisfactory and continued progress is made towards achieving the research objectives of this Agreement.

##### **The Contractor shall:**

- Prepare progress reports which summarize all Agreement activities conducted by the Contractor for the reporting period, including an assessment of the ability to complete the Agreement within the current budget and any anticipated cost overruns. Each progress report is due to the Commission Contract Manager within 10 working days after the end of the reporting period. Attachment A-2, Progress Report Format, provides the recommended specifications.

##### **Deliverables:**

- Quarterly Progress Reports

#### **Task 1.5 Test Plans, Technical Reports and Interim Deliverables**

The goal of this task is to set forth the general requirements for submitting test plans, technical reports and other interim deliverables, unless described differently in the Technical Tasks. When creating these deliverables, the Contractor shall use and follow, unless otherwise instructed in writing by the Commission Contract Manager, the latest version of the PIER Style Manual published on the Energy Commission's web site:

<http://www.energy.ca.gov/contracts/pier/contractors/>

##### **The Contractor shall:**

- Unless otherwise directed in this Scope of Work, submit a draft of each deliverable listed in the Technical Tasks to the Commission Contract Manager for review and comment in accordance with the approved Schedule of Deliverables. The Commission Contract Manager will provide written comments back to the Contractor on the draft deliverable within 10 working days of receipt. Once agreement has been reached on the draft, the Contractor shall submit the final deliverable to the Commission Contract Manager. The Commission Contract Manager shall provide written approval of the final deliverable within 5 working days of receipt. Key elements from this deliverable shall be included in the Final Report for this project.

#### **Task 1.6 Final Report**

The goal of this task is to prepare a comprehensive written Final Report that describes the original purpose, approach, results and conclusions of the work done under this Agreement. The Commission Contract Manager will review and approve the Final Report. The Final Report must be completed on or before the termination date of the Agreement. When creating these deliverables, the Contractor shall use and follow, unless otherwise instructed in writing by the Commission Contract Manager, the latest version of the PIER Style Manual published on the Energy Commission's web site:

<http://www.energy.ca.gov/contracts/pier/contractors/>

The Final Report shall be a public document. If the Contractor has obtained confidential status from the Energy Commission and will be preparing a confidential version of the Final Report as well, the Contractor shall perform the following subtasks for both the public and confidential versions of the Final Report.

### **Task 1.6.1 Final Report Outline**

#### **The Contractor shall:**

- Prepare a draft outline of the Final Report.
- Submit the draft outline of Final Report to the Commission Contract Manager for review and approval. The Commission Contract Manager will provide written comments back to the Contractor on the draft outline within 10 working days of receipt. Once agreement has been reached on the draft, the Contractor shall submit the final outline to the Commission Contract Manager. The Commission Contract Manager shall provide written approval of the final outline within 5 working days of receipt.

#### **Deliverables:**

- Draft Outline of the Final Report
- Final Outline of the Final Report

### **Task 1.6.2 Final Report**

#### **The Contractor shall:**

- Prepare the draft Final Report for this Agreement in accordance with the approved outline.
- Submit the draft Final Report to the Commission Contract Manager for review and comment. The Commission Contract Manager will provide written comments within 10 working days of receipt.
- Once agreement on the draft Final Report has been reached, the Commission Contract Manager shall forward the electronic version of this report for Energy Commission internal approval. Once the approval is given, the Commission Contract Manager shall provide written approval to the Contractor within 5 working days.
- Submit one bound copy of the Final Report with the final invoice.

#### **Deliverables:**

- Draft Final Report
- Final Report

## **MATCH FUNDS, PERMITS, AND ELECTRONIC FILE FORMAT**

### **Task 1.7 Identify and Obtain Matching Funds**

The goal of this task is to ensure that the match funds planned for this Agreement are obtained for and applied to this Agreement during the term of this Agreement.

The costs to obtain and document match fund commitments are not reimbursable through this Agreement. While the PIER budget for this task will be zero dollars, the Contractor may utilize match funds for this task. Match funds shall be spent concurrently or in advance of PIER funds during the term of this Agreement. Match funds must be identified in writing, and the associated commitments obtained before the Contractor can incur any costs for which the Contractor will request reimbursement.

**The Contractor shall:**

- Prepare a letter documenting the match funding committed to this Agreement and submit it to the Commission Contract Manager at least 2 working days prior to the kick-off meeting:
  1. If no match funds were part of the proposal that led to the Energy Commission awarding this Agreement and none have been identified at the time this Agreement starts, then state such in the letter.
  2. If match funds were a part of the proposal that led to the Energy Commission awarding this Agreement, then provide in the letter:
    - A list of the match funds that identifies the:
      - Amount of each cash match fund, its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied.
      - Amount of each in-kind contribution, a description, documented market or book value, and its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied. If the in-kind contribution is equipment or other tangible or real property, the Contractor shall identify its owner and provide a contact name, address and telephone number, and the address where the property is located.
    - A copy of the letter of commitment from an authorized representative of each source of cash match funding or in-kind contributions that these funds or contributions have been secured.
    - Discuss match funds and the implications to the Agreement if they are significantly reduced or not obtained as committed, at the kick-off meeting. If applicable, match funds will be included as a line item in the progress reports and will be a topic at CPR meetings.
    - Provide the appropriate information to the Commission Contract Manager if during the course of the Agreement additional match funds are received.
    - Notify the Commission Contract Manager within 10 working days if during the course of the Agreement existing match funds are reduced. Reduction in match funds may trigger an additional CPR.

**Deliverables:**

- A letter regarding Match Funds or stating that no Match Funds are provided
- Letter(s) for New Match Funds

- A copy of each Match Fund commitment letter
- Letter that Match Funds were Reduced (if applicable)

### **Task 1.8 Identify and Obtain Required Permits**

The goal of this task is to obtain all permits required for work completed under this Agreement in advance of the date they are needed to keep the Agreement schedule on track.

Permit costs and the expenses associated with obtaining permits are not reimbursable under this Agreement. While the PIER budget for this task will be zero dollars, the Contractor shall show match funds for this task. Permits must be identified in writing and obtained before the Contractor can incur any costs related to the use of the permits for which the Contractor will request reimbursement.

#### **The Contractor shall:**

- Prepare a letter documenting the permits required to conduct this Agreement and submit it to the Commission Contract Manager at least 2 working days prior to the kick-off meeting:
  1. If there are no permits required at the start of this Agreement, then state such in the letter.
  2. If it is known at the beginning of the Agreement that permits will be required during the course of the Agreement, provide in the letter:
    - A list of the permits that identifies the:
      - Type of permit
      - Name, address and telephone number of the permitting jurisdictions or lead agencies
- Schedule the Contractor will follow in applying for and obtaining these permits.
- The list of permits and the schedule for obtaining them will be discussed at the kick-off meeting, and a timetable for submitting the updated list, schedule and the copies of the permits will be developed. The implications to the Agreement if the permits are not obtained in a timely fashion or are denied will also be discussed. If applicable, permits will be included as a line item in the progress reports and will be a topic at CPR meetings.
- If during the course of the Agreement additional permits become necessary, then provide the appropriate information on each permit and an updated schedule to the Commission Contract Manager.
- As permits are obtained, send a copy of each approved permit to the Commission Contract Manager.
- If during the course of the Agreement permits are not obtained on time or are denied, notify the Commission Contract Manager within 5 working days. Either of these events may trigger an additional CPR.

#### **Deliverables:**

- A letter documenting the Permits or stating that no Permits are required
- Updated list of Permits as they change during the Term of the Agreement

- Updated schedule for acquiring Permits as it changes during the Term of the Agreement
- A copy of each approved Permit

### **Task 1.9 Electronic File Format**

The goal of this task is to unify the formats of electronic data and documents provided to the Energy Commission as contract deliverables. Another goal is to establish the computer platforms, operating systems and software that will be required to review and approve all software deliverables.

#### **The Contractor shall:**

- Deliver documents to the Commission Contract Manager in the following formats:
  - Data sets shall be in Microsoft (MS) Access or MS Excel file format.
  - PC-based text documents shall be in MS Word file format.
  - Documents intended for public distribution shall be in PDF file format, with the native file format provided as well.
  - Project management documents shall be in MS Project file format.
- Request exemptions to the electronic file format in writing at least 90 days before the deliverable is submitted.

#### **Deliverables:**

- A letter requesting exemption from the Electronic File Format (if applicable)

## **PAC**

### **Task 1.10 Establish the PAC**

The goal of this task is to create a Project Advisory Committee (PAC) for this Agreement.

The PAC will be composed of diverse professionals, the number of which may vary depending on potential interest and availability. The composition of the PAC may change as the need warrants. PAC members serve at the discretion of the Commission Contract Manager.

The purpose of the PAC is to:

- Provide guidance in research direction. The guidance may include scope of research; research methodologies; timing; coordination with other research. The guidance may be based on:
  - technical area expertise
  - knowledge of market applications
  - linkages between the agreement work and other past, present or future research (both public and private sectors) they are aware of in a particular area.
- Review deliverables before the product is finalized. Provide specific suggestions and recommendations for adjustments, refinements, or enhancement of the deliverables.

- Evaluate tangible benefits to California of this research and provide recommendations to enhance tangible benefits.
- Provide recommendations regarding information dissemination, market pathways or commercialization strategies relevant to the research products.

The PAC may be composed of qualified professionals spanning the following types of disciplines:

- Researchers knowledgeable about the project subject matter
- Members of the trades who will apply the results of the project (e.g., designers, engineers, architects, contractors, and trade representatives)
- Product Developers relevant to project subject matter
- U.S. Department of Energy Research Manager
- Public Interest Environmental Groups
- Utility Representatives
- Members of the relevant technical society committees

**The Contractor shall:**

- Prepare a draft list of potential PAC members that includes name, company, physical and electronic address, and phone number and submit it to the Commission Contract Manager at least 2 working days prior to the kick-off meeting. This list will be discussed at the kick-off meeting and a schedule for recruiting members and holding the first PAC meeting will be developed.
- Recruit PAC members and ensure that each individual understands the member obligations described above, as well as the meeting schedule outlined in Task 1.11.
- Prepare the final list of PAC members.
- Submit letters of acceptance or other comparable documentation of commitment for each PAC member.

**Deliverables:**

- Draft List of PAC Members
- Final List of PAC Members
- Letters of acceptance, or other comparable documentation of commitment for each PAC Member

**Task 1.11 Conduct PAC Meetings**

The goal of this task is for the PAC to provide strategic guidance to this project by participating in regular meetings or teleconferences.

**The Contractor shall:**

- Discuss the PAC meeting schedule at the kick-off meeting. The number of face-to-face meetings and teleconferences, and the location of PAC meetings, shall be determined in consultation with the Commission Contract Manager. This draft schedule shall be presented to the PAC members during recruiting and finalized at the first PAC meeting.

- Organize and lead PAC meetings in accordance with the schedule. Changes to the schedule must be pre-approved in writing by the Commission Contract Manager.
- Prepare PAC meeting agenda(s) with back-up materials for agenda items.
- Prepare PAC meeting summaries, including recommended resolution of major PAC issues.

**Deliverables:**

- Draft PAC Meeting Schedule
- Final PAC Meeting Schedule
- PAC Meeting Agenda(s) with Back-up Materials for Agenda Items
- Written PAC meeting summaries, including recommended resolution of major PAC issues

**TECHNICAL TASKS**

The Contractor shall prepare all deliverables in accordance with the requirements in Task 1.5. Deliverables not requiring a draft version are indicated by marking “(no draft)” after the deliverable name.

**Task 2 Review of Literature on Stream Delineation Mapping**

The goal of this task is to review the literature on stream delineation mapping for streams of all types and episodic streams in particular as a foundation for development of a scientifically based, geomorphic and ecological stream delineation method fit for dryland environments.

**The Contractor shall:**

- Compile and determine the relevance of the literature of any stream delineation methods in use.
- Prepare an annotated bibliography of the literature compiled.

**Deliverables:**

- Annotated bibliography of the literature compiled (no draft)

**Task 3 Compilation of Physical and Biological Data for Each Study Area**

The goal of this task is to compile existing physical and biological data from each study area.

**The Contractor shall:**

- Contact BLM and other appropriate resource agencies and staff, and the academic and consulting community as necessary to obtain physical and biological data in areas of particular importance in the study locations (e.g., areas of high conservation priority, species of concern, or other priority areas within channel networks).

- Prepare a list of relevant agencies and private contractors with access to the pertinent data.
- Develop criteria with the Commission Contract Manager, the California Department of Fish and Game and other government agencies for the selection of one or more appropriate study area sites.
- Select one or more appropriate study area sites based on the selection criteria.
- Prepare a study site location map and narrative providing the rationale and criteria for the areas selected.

**Deliverables:**

- List of relevant agencies and private contractors with access to the pertinent data (no draft)
- Study site location map and narrative

**Task 4 Ground and Remote Mapping of Channel Processes, Forms, and Functional Biological Relations**

The goal of this task is to identify and categorize indicators of active stream processes and forms, and functional stream-vegetation relations that can be used to delineate streams.

**The Contractor shall:**

- Use ground-based mapping and high-resolution imagery to identify channel morphologies and causative processes, and the cross-sectional and longitudinal extent of stream forms along longitudinal gradients.
- Map and characterize active stream morphologies and processes and location in the study area landscape.
- Prepare a photographic catalog and location map of stream morphology and vegetation types characterized.
- Map plant community composition and structure, and landscape position along channel networks to identify functional biological indicators of stream-vegetation relations.
- Prepare a Summary Report describing the work performed under this task.
- Participate in a CPR and prepare a CPR Report in accordance with Task 1.2.

**Deliverables:**

- Photographic catalog and location map of stream morphology and vegetation types characterized (no draft)
- Summary Report
- CPR Report

## **Task 5 Protocol to Describe and Delineate Episodic Stream Processes Active on a Landscape**

The goal of this task is to use the information developed in Tasks 2 through 4 to develop and describe a protocol that can be used to delineate episodic stream processes active on the landscape.

### **The Contractor shall:**

- Use the data developed in Tasks 2 through 4 to develop an explicit set of criteria to describe and delineate physical/hydrological stream processes that are active on the landscape and that form and maintain the physical habitat and ecological integrity of episodic streams.
- Use the criteria to prepare a protocol to describe and delineate active, episodic stream processes on the dryland landscape.

### **Deliverables:**

- Protocol to describe and delineate episodic stream processes active on a dryland landscape

## **Task 6 Technology Transfer Plan and Public Outreach**

The goal of this task is to develop a plan to make the knowledge gained, experimental results and lessons learned available to the public and key decision-makers.

### **The Contractor shall:**

- Prepare a Technology Transfer Plan. The plan shall explain how the knowledge gained in this project will be made available to the public. Key elements from this plan shall be included in the Final Report for this project.
- Prepare a fact sheet that provides a non-technical project overview suitable for posting to the Energy Commission website.
- Conduct technology transfer activities in accordance with the Technology Transfer Plan. Conduct a public workshop on the project at the Energy Commission facilities in Sacramento. Submit materials prepared for the workshop (such as PowerPoint slides) to the Commission Contract Manager.
- Conduct one project presentation at an appropriate scientific conference venue. Submit materials prepared for the presentation (such as PowerPoint slides) to the Commission Contract Manager.

### **Products:**

- Technology Transfer Plan
- Fact sheet
- Materials prepared for public workshop held at the Energy Commission facilities in Sacramento (no draft)
- Materials prepared for presentation at an appropriate scientific conference venue (no draft)