

# **Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Plan**



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## 1.0 EXECUTIVE SUMMARY

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From 2004 to 2006, the Sacramento Area Flood Control Agency conducted an invasive plant control program for red sesbania (*Sesbania punicea*) in the Dry Creek watershed. This SAFCA program was funded by a California Department of Water Resources Flood Protection Corridor Program grant that was fulfilled in summer 2006. During the grant funded program, SAFCA made substantial progress towards controlling red sesbania, achieving project objectives by removing over 98% of all mature plants and completing two years of treatment of seedlings and resprouts by the end of the program.

Despite the significant progress made under the SAFCA grant, additional maintenance work will be required to completely eradicate this tenacious species. Without ongoing maintenance, the area is likely to become re-infested with red sesbania, over time reverting to a level of infestation similar to, or worse than when the control program was initiated in 2004. This report was prepared to describe the necessary maintenance activities that should be undertaken following completion of the SAFCA red sesbania control program, to provide for necessary ongoing maintenance of the project area until complete eradication is achieved.

The Placer County Resource Conservation District (Placer RCD), with assistance from its Project Partners, intends to implement the Dry Creek Red Sesbania Long-Term Maintenance Program (Maintenance Program). The Placer RCD will enter into Cooperative Agreements with project Partners, who will provide technical and financial assistance during the Maintenance Program.

The goal of the Maintenance Program is the eradication of red sesbania from the Dry Creek watershed. At least 3 years, and possibly 5-10 years of active maintenance is expected to be required to achieve full eradication of red sesbania from the Dry Creek Watershed. Eradication of this invasive species will:

- Aid the restoration of natural riparian and riverine processes;
- Maintain the improved floodwater conveyance that was achieved during the SAFCA red sesbania control program (especially in areas downstream of the City of Roseville);
- Significantly contribute to regional efforts to eliminate this invasive plant; and
- Provide technical information about effective control of this plant to other land managers and land owners.

The Placer RCD will select and retain a Contractor(s) to conduct necessary weed control. The recommended treatment regime is as follows.

- At least two full treatments will be completed per year for the first three years, the first by August or earlier, and the second in late September to early October (Note: treatment must be completed by October 15<sup>th</sup> of each year to prevent effects on fish migrations as per EPA and NMFS project guidelines).
- The recommended method for control of widely-scattered individual red sesbania is hand-pulling seedlings up to 1 inch in diameter. This is most applicable to individual plants and sparse infestation areas in most of the upper watershed area.
- For seedlings larger than 1 inch in diameter, and at larger infestation sites, a cut and paint application of herbicides, or a foliar spray herbicide application using a small nozzle, small area/low volume herbicide application setting should be used to carefully apply herbicide to localized areas (e.g. individual plants and small clusters). Because most of the red sesbania seedlings will be within 25 feet of flowing water,

an application of 5% Aquamaster™ mixed with a dye to facilitate identification of treated plants is recommended. Application, signage, and notification procedures must be conducted under direct supervision by a licensed Herbicide Applicator, and must follow labeling instructions and federal and state requirements.

The Placer RCD will oversee Contractor's work, and prepare two semi-annual progress reports for the Project Partners. The second report will be the year-end summary report.

## **2.0 PROJECT BACKGROUND**

### **2.1 Project Location**

The Dry Creek Watershed Red Sesbania Control Project encompasses over 80 linear miles of shoreline, 40 linear miles of waterways, and approximately 101 acres of land within the Dry Creek Watershed and its tributaries (i.e., Magpie Creek and Robla Creek, in Sacramento County, and Antelope Creek, Linda Creek, Miner's Ravine, Strap Ravine, Secret Ravine, and Cirby Creek in Placer County) Figure 1.

### **2.2 Project History**

From 2004 to 2006, the Sacramento Area Flood Control Agency conducted an invasive plant control program for red sesbania (*Sesbania punicea*) in the Dry Creek watershed. This SAFCA program was funded by a California Department of Water Resources Flood Protection Corridor Program grant that was fulfilled by summer 2006. During the grant funded program, SAFCA met project objectives by achieving over 98% removal of all mature plants and completing two complete years of retreatment of seedlings and resprouts by the end of the program in summer 2006.

Despite the significant progress made under the SAFCA grant, additional maintenance work will be required to completely eradicate this tenacious species. Red sesbania has an established seedbank in the Dry Creek watershed. Since the seeds of this species are long-lived, repeated treatments of new seedlings are necessary to achieve full eradication of the species now that the grant-funded work is complete. Without ongoing maintenance, the area is likely to become re-infested with red sesbania, over time reverting to a level of infestation similar to, or worse than, when the control program was initiated in 2004.

This Management and Maintenance Plan was prepared to describe the necessary activities that should be undertaken following completion of the SAFCA red sesbania control program to provide for necessary ongoing maintenance until complete eradication is achieved.

### **2.3 Land Ownership Information**

This project will occur primarily on private lands. Public lands are mostly limited to the lower end of the watershed in Sacramento County (e.g., Hansen Ranch and Gibson Ranch, Figure 1). Because this project will occur on both private and public lands, the ability to access the control area is subject to the voluntary participation of private landowners. During the grant funded control efforts from 2004-2006, landowner support for the project was strong, with only two of the landowners electing not to grant site access. Similar support is anticipated during the long term maintenance period.

During each year of the red sesbania maintenance control program, a letter should be sent to the landowners (Appendix A) notifying the landowners of the upcoming year's activities. This letter should be sent about 1 month prior to the start of activities. The Contractor performing the red sesbania control should be provided with a letter of introduction (Appendix A), and should be informed that access to private lands is voluntary. The Contractor should be instructed to immediately leave a parcel if requested to do so by the landowner. If a landowner elects not to participate in this voluntary program, the Placer County RCD should follow up with the individual landowner, to problem-solve access issues, and either secure access for the Contractor, or to help the landowner conduct their own red sesbania detection and removal as per the wishes of the individual landowner.

Appendix A provides a list of landowners (NOTE: this list was developed in 2004 under the SAFCA Red Sesbania Control Program, and should be updated annually by calling the Placer County and Sacramento County Planning Departments and requesting landowner contact information for the APN's that fall within the study area). Appendix A also includes a list of landowners or managers who have requested at least 24 hours advance notification prior to entrance. The Placer County RCD should work with SAFCA to update this list, and provide it to the Contractor at the start of each year, with instructions to have the Contractor perform the necessary telephone notifications.

## 2.4 Long Term Maintenance Program Goals and Objectives

The goal of the Red Sesbania Long-Term Maintenance Program is the eradication of red sesbania from the Dry Creek watershed.

Eradication of this invasive species will:

- Aid the restoration of natural riparian and riverine processes;
- Maintain the improved floodwater conveyance that was achieved during the SAFCA red sesbania control program (especially in areas downstream of the City of Roseville);
- Significantly contribute to regional efforts to eliminate this invasive plant; and
- Provide technical information about effective control of this plant to other land managers and land owners.

The primary objective of the Maintenance Program is to continue control of red sesbania seedlings until the seedbank is exhausted, and the plant is entirely eradicated from the Dry Creek watershed. We anticipate that under the best of circumstances, this could take a minimum of 3 years, possibly requiring 5, or up to 10 years to achieve complete eradication, assuming a diminishing level of work over time as the seedbank is exhausted.

A secondary objective of the program is outreach and education, particularly to upstream and tributary land owners and land managers. Given that the species spreads by water flow, the upstream sources that feed into the Dry Creek Watershed system should be investigated, and the appropriate land management entities contacted to conduct upstream control of the species.

The third objective is to share technical information, educational brochures, and slide presentations that were developed during the SAFCA red sesbania control program with others. Information sharing during the maintenance phase of the program is intended to amplify the effects of the program, both up and downstream of the project area, and in the greater Sacramento/San Joaquin Delta area.

## 2.5 Project Partners and Management Authority

**2.5.1 Management Authority.** The Placer County RCD, with oversight from SAFCA shall have management authority over the project.

**2.5.2 Project Partners.** The Dry Creek watershed encompasses land in both Sacramento and Placer counties, and passes through several city, water agency, and flood control jurisdictions, including:

- The County of Sacramento;
- The County of Placer;
- the City of Sacramento;

- the City of Roseville;
- the City of Rocklin;
- the Placer County Water Agency;
- the Placer County Flood Control and Water Conservation District; and
- the Sacramento Area Flood Control Agency.

This area is also within the jurisdiction of several other agencies and organizations involved with water conservation, floodplain management and restoration, and weed management, including:

- the Dry Creek Conservancy;
- the Placer County Agricultural Commissioner's office;
- the Sacramento County Agricultural Commissioner's office; and
- the Placer County Resource Conservation District (RCD).

All of these agencies and organizations are considered project partners, and will provide project support, including funding, staff support, and other resources necessary to accomplish eradication of the species. The counties of Sacramento and Placer, together with the cities of Sacramento, Roseville, and Rocklin will assist the Placer County RCD with securing property access. All project partners will assist with outreach and education activities. The Placer County RCD and its project partners have established a fund for continued, long term management and maintenance of red sesbania in the Dry Creek watershed.

**2.5.3 Management Responsibilities.** The Placer County RCD will act as the Program Administrator to administer the contract with a private consultant or contractor, including annual progress reports to the project partners, and management of subcontractor(s) performing the weed removal and monitoring work. Additional information on management actions and a schedule of activities is presented below in Sections 4 and 5.

## 3.0 SPECIES INFORMATION

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### 3.1 Red Sesbania Species Description and Life History

Red sesbania (*Sesbania punicea*) is a vigorously growing invasive riparian plant native to South American rivers, deltas, and lakes. Once established in California, it has invaded the California Central Valley, spreading rapidly down waterways via floating pods containing seeds that may be viable for many years. It forms dense impenetrable stands. In these areas, complex food webs that are maintained by a diversity of native wetland plants and aquatic habitats become simplified or excluded. The seeds produced by the species are reportedly toxic to birds and other wildlife, so animals that rely on native vegetation for food can no longer forage in the heavily infested areas.

This small riparian tree spreads rapidly, and has the ability to flower and set viable seed in less than one year. The seed pods float in water and can readily be transported downstream by current and wave action. Red sesbania appears to be able to establish itself along the shoreline as soon as it makes contact with moist soils. Red sesbania forms dense, single-species stands along rivers, creeks, streams, and ponds, and there is some evidence that it is rapidly adapting to drier conditions, possibly allowing it to spread into placer tailings and drier riparian forests and woodlands.

Its rate of spread is extremely rapid, and (as reported from observations of other infestations worldwide), it can completely fill an entire river system. In addition, because it grows immediately adjacent to the water, it substantially increases vegetation biomass along the water's edge, increasing stream roughness and decreasing flow rates and flood capacity. It also restricts recreational access to the water's edge, affecting fishermen, kayakers, and others. The plant is toxic to wildlife (and presumably humans). It is known to displace native riparian species, further degrading the quality and extent of this fragile habitat type locally and regionally.

Red sesbania has a long-lived seed that can be viable for several decades. Especially in the lower portions of the Dry Creek watershed (for example, at Gibson Ranch and at Hansen Ranch in Sacramento County), there are well-established seed banks in areas that used to support dense stands of mature sesbania. Seeds in this area are likely to continue to "flush" now, despite the removal of mature red sesbania under the completed grant project. Also, there may be "backyard plants" on private lands, and plants in nearby off-stream ponds, irrigation channels, and tributary waterways that could be source populations from which the species could re-introduce itself into previously treated areas.

### 3.2 Status in the Project Area and Surrounding Region

Prior to treatment from 2004-2006, red sesbania had become a dominant species in the Dry Creek watershed, especially in the lower watershed where it was found along the edges of the creeks in monocultures up to 15 feet wide (Figure 2). A fairly significant population was also noted in the Hidden Valley residential development near Roseville where it was established in creek channels, around small ponds, and on islands within the ponds. It was also observed growing away from waterways at this location on nearby placer tailings. In heavily-infested portions of the watershed, red sesbania had in the past comprised more than 50% of the biomass of emergent vegetation along the shoreline and on islands (based on visual estimates by knowledgeable biologists).

Following the SAFCA control efforts from 2004 to 2006, this species is limited to seedlings and re-sprouts. It occupied 2% or less of the biomass in the treatment area at the end of the grant funded work, but an anticipated 10% of seedling biomass is expected to sprout in spring and summer 2007.

Regionally, the species is found as far north as Redding, near Chico, in the Feather River watershed south of Lake Oroville, in the Dry Creek watershed (the subject population), in the Tuolumne River in both Calaveras and Stanislaus Counties, and in the Delta (i.e. the American and Sacramento Rivers and their tributaries south of Sacramento, southeast to Stockton, and west to approximately Antioch). There is also a small population in the Napa River south of St Helena, and outlier populations in Clearlake Highlands (Lake County), Healdsburg (Sonoma County), and scattered occurrences in the Bay Area. (Source: Department of Fish and Game 2005 Red Sesbania Mapping available online at <http://bios.dfg.ca.gov>). Figure 3 presents a regional view of the red sesbania infestations near the Dry Creek Watershed.

### 3.3 Recommended Treatment Methods and Timing

The treatments found to be most effective during the SAFCA grant funded program are provided below. These treatments are recommended during the maintenance phase of program.

The preferred control method for small seedlings up to 3 inches in diameter is to hand pull the entire plant, root and all, and dispose of the pulled plant in an upland location outside the floodplain. This treatment method is most applicable to individual plants and in sparse infestation areas in most of the upper watershed. At sites in the lower watershed where there is a well developed seed bank (e.g. Hansen Ranch, Gibson Ranch, etc.), seedling flushes are expected to be moderate during the first few years of the maintenance program. In these areas, a cut and paint application of herbicides, or a foliar spray application using a small nozzle, small area/low volume herbicide application setting should be used to carefully apply herbicide to localized areas (e.g. individual plants and small clusters). Because most of the red sesbania seedlings will be within 25 feet of flowing water, an application of 5% Aquamaster™ mixed with a dye to facilitate identification of treated plants was used in the past, and is recommended during the maintenance program. Signage and notification procedures should follow labeling instructions and federal and state requirements.

The optimum timing for herbicide treatment is about 1 month after the water level drops in the creeks. During the SAFCA-funded program in 2005 and 2006, rainfall was unusually high, restricting access to red sesbania infestations until late June or early July. The late rain combined with the high water levels and above average temperatures during this period resulted in the following:

- A delayed seedling emergence due to areas that typically support the seedlings being underwater until late May or early June;
- Dense high grass growth that masked the sesbania seedlings, making detection of new seedlings very difficult in early June; and
- Repeated seedling “flushes” of red sesbania that occurred from late May until well into October.
- This species is capable of producing viable seed in less than one year; therefore, the timing of treatments is critical to the success of the program. Treatment of seedlings that are sprouting during multiple seed bank flushes must be timed appropriately to prevent the seedlings from flowering and setting seed. Although it is impossible to predict what seasonal conditions will be like during the maintenance program, recommendations can be made based on observed behavior of the plants during the past years. The recommended treatment regime is as follows. At least two full treatments per year for the first three years, the first in August, and the second in late September to early October. Treatment must be completed by October 15<sup>th</sup>

of each year to prevent effects on fish migrations (per EPA and NMFS project guidelines).

“Flaming” or “blanching” red sesbania seedlings may be a viable follow-up treatment. This approach has been very successful with other emerging woody shrub species, and involves passing a flame over the seedlings during the wet season immediately after sprouting. This treatment effectively “boils” the young plants, and does not result in a flame or fire. If this technique is selected, the optimum time to undertake flaming is after the first flush of seedlings and when vegetation is completely wet to reduce the potential for wildfires. Therefore, this technique would be most effective on the very first seedlings that emerge, in March or possibly early April depending on weather conditions.

## 4.0 RED SESBANIA MANAGEMENT AND MAINTENANCE PROGRAM DESCRIPTION

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The following section provides a brief overview of the type of work, the overall schedule and anticipated cost of ongoing red sesbania maintenance activities in the Dry Creek watershed that will be necessary to continue to control the species following completion of the initial grant-funded red sesbania removal work in summer 2006. This section is intended to provide responsible agencies with information to support management, responsibility, funding, and staffing decisions that will be necessary to implement the ongoing red sesbania maintenance program.

The long term management and maintenance program will be moderately intensive for the first 3 years, and the efforts required during this period are anticipated to be similar to those conducted during the later stages of the program. Program efforts are projected to drop to a minimal level for years 4 through 10, and may be discontinued near the end of this period if the species is found to be completely eradicated. If complete eradication has not been achieved by Year 5 (approximately in 2011), then the program should be conducted at a very low level of effort (mostly detection and removal of scattered, individual plants) for another 5 to 10 years.

The anticipated activities associated with the program are described below.

### 4.1 Permits and Agreements

The project is operating under the following environmental permits and agency consultations:

- CEQA Categorical Exemption by SAFCA
- Section 7 or 10 Endangered Species Act consultation with the U. S. Fish and Wildlife Service (USFWS) resulting in a “not likely to adversely affect” determination using Best Management Practices (timing restrictions and herbicide application restrictions) to protect migratory salmonids. (NOTE: Should not have to be updated unless a) Contractor attempts to change work restrictions that are in place, b) if additional species are listed or the distribution or threats to the species change, or c) if the EPA guidance for herbicide work near salmonid streams is changed).
- A County of Sacramento Department of Regional Parks Encroachment Permit
- City of Roseville and Placer County Access Agreements

In addition to the permits listed above, the Placer County RCD will operate under the auspices of the Streambed Alteration Agreement (SAA) SAFCA obtained from the Department of Fish and Game in 2004. The contact information is provided below.

**Contact:**

Gary Hobgood  
Streambed Alteration Agreement Program  
Department of Fish and Game, Region 2  
1701 Nimbus Road  
Rancho Cordova, CA 95670  
ghobgood@dfg.ca.gov

The current permit expires and will be renewed by SAFCA for one five-year period. A new permit, if pursued by Placer RCD, would likely include the same general requirements and conditions, including a requirement to restrict herbicide application within 25 feet of the flowing creek during the

period June 1 to October 15. Control techniques approved under the SAA will likely include mechanical removal and herbicide application (cut-and-paint) using herbicides that are approved for use near water (e.g., Rodeo™, Aquamaster™, or their generic equivalents).

The selected Contractor should possess a valid Pesticide Applicator's License and appropriate insurance for applying herbicides in wildland settings. The selected contractor will be required to prepare and submit to Placer County RCD written pest control recommendations from a certified Pest Control Applicator (PCA) for the use of herbicides. This project is intended to be environmentally beneficial: it will remove non-native species with low wildlife habitat value to make space for native riparian vegetation with high wildlife habitat value.

**The following protection measures (Best Management Practices) were developed for the project to prevent any significant adverse effects on the environment.**

***Contractor is expected to comply with the following environmental rules and requirements:***

- 1.0 Herbicides within 25 feet of the flowing water in Dry Creek or its tributaries will not be sprayed during periods of greatest use by anadromous fish (October 16 – May 31).
- 2.0 Herbicides used within the stream channel area will be formulations approved by the federal Environmental Protection Agency for aquatic use, and will be mixed with a non-toxic indicator dye to allow monitoring of coverage.
- 3.0 Herbicides will be applied by low pressure hand sprayers with large droplet size applicator nozzles to minimize aerial drift of herbicide.
- 4.0 Surfactants will not be added to herbicide mixes.
- 5.0 Herbicides will not be used during wind speeds greater than 10 miles per hour (or lower if so indicated by the herbicide label).
- 6.0 Herbicides will not be used if rain is likely within 24 hours (or longer if indicated by the herbicide label).
- 7.0 Work crews will be informed of the need to limit removal efforts to red sesbania only and will be instructed in the proper identification of the target species. Removal of other species, including other non-natives, will be outside the scope of work of this project.
- 8.0 Herbicides will not be used within 50 to 100' of elderberry shrubs (*Sambucus mexicana*), the host plant for the federally listed valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*).
- 9.0 Vehicles will not be driven in the bed of the creek or its tributaries.
- 10.0 Best Management Practices will be used to avoid erosion and sedimentation if any large areas are left barren of vegetation during the rainy season.
- 11.0 Herbicides will be mixed, staged and stored outside of the stream channel when not actively being applied. The contractor and contract manager will prevent soil and water contamination from these chemicals and report any spills to CDFG.

**12.0** Environmental permits will be acquired prior to the start of work and any additional environmental protections or requirements of those permits will be followed.

By following the above environmental permit requirements and guidelines, there is no reasonable possibility that the project will have significant adverse environmental effects on sensitive biological resources.

## **4.2 Ongoing Nonnative Weed Control**

### ***4.2.1 Project Monitoring and Annual Reporting***

- First 3 years: Anticipated annual monitoring and preparation of an annual progress report
- Years 4 through 5+: Monitoring once every 2 to 5 years and preparation of a bi-annual progress report.
- Beyond Year 5 (2012 and beyond): As required.

### ***4.2.2 Weed Control***

- First 3 years (2007 to 2009): Complete two treatment ‘sweeps’ of the watershed each year. The first sweep should be conducted within 1 month after the water levels drop (timing dependent on climatic conditions, but typically conducted by August or earlier). The second sweep should be in late September or early October, and COMPLETED BEFORE OCTOBER 15th (again, the timing is dependent on climatic conditions). Weed control is anticipated to require a 2-member crew walking the creek channels in the watershed and hand pulling or treating with herbicide (spraying or cut-and-painting herbicide application) all red sesbania plants.
- Years 4 through 5 (2010-2011): Treatment is expected to be similar to that described above for the first 3 years, but the acres requiring treatment are expected to approximately drop in half, as will the anticipated level of control efforts.
- Beyond Year 5 (2012 and beyond): Depending on whether or not eradication has been achieved by the end of Year 5, the maintenance program should continue for up to another 5 to 10 years, until such time that the annual sweeps do not turn up more than an occasional individual plant. Beyond Year 5, the number of sweeps is anticipated to be one per year (or perhaps one every other year), and may only require 1 crew member per sweep.

### ***4.2.3 Outreach and Awareness***

Long term success of the project will require continued outreach and awareness within the region, and is anticipated to include the following activities:

- Conduct awareness training about red sesbania to other local agencies and jurisdictions;
- Continue outreach and awareness training to commercial nurseries;
- Continue outreach and awareness training to the community, particularly landowners along the creek, and possibly provide small grants to landowners who want to replace sesbania with non-invasive landscape plants;
- Present project findings and results at conferences and other public meetings;
- Track and respond to notifications of new red sesbania infestations in the area (off-site locations, backyards, etc.); and
- As feasible, coordinate with local volunteer programs to augment weed removal efforts and provide outreach and detection opportunities.

### **4.3 Site Stewardship and Volunteer Opportunities**

Site stewardship opportunities are limited to public lands in the downstream portion of the watershed. There is an opportunity to conduct volunteer red sesbania and other invasive plants control at Hansen Ranch and Gibson Ranch, lands managed by Sacramento County Parks. Volunteer programs in this area would have to be coordinated through Sacramento County, attention Shannon Brown, Maintenance Manager (916) 875-[1255](tel:9168751255), [brownsh@saccounty.net](mailto:brownsh@saccounty.net). For Hansen Ranch, activities must be also coordinated with the preserve manager, Charlotte Kimball at Office (530) 795-0851, Cell (530) 902-1949.

It is possible that the Sacramento Weed Warriors, an existing invasive plant control non-profit organization, could conduct or participate in weed events at Hansen Ranch or Gibson Ranch. Contact Frank Wallace at 916-213-4682 or 916-427-5694, [frankw2@pacbell.net](mailto:frankw2@pacbell.net) for more information.

### **4.4 Site Mapping and Database Management**

A GIS database and corresponding Microsoft Access database were developed under the SAFCA project. These databases should be updated by SAFCA and other partners during the Maintenance Program to help the Placer County RCD keep track of current site conditions, treatment frequency, and effectiveness of various treatments. Annual updates are recommended. Information to be added annually to the database and maps should include current plant occurrence information such as infestation locations and densities, treatment dates, and treatment effectiveness information. In addition, the list of property owners developed under the SAFCA program will be updated annually with current landowner and contact information.

## 5.0 SUCCESS CRITERIA, MONITORING OBJECTIVES, REMEDIAL ACTIONS

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### 5.1 Success Criteria

As stated above in Section 2.0, the overall goal of the Red Sesbania Long-Term Maintenance Program is the eradication of red sesbania from the Dry Creek watershed. For the selected Contractor, interim success criteria should be used as a “yardstick” for assessing progress towards this goal. The following annual success criteria are suggested (Table 1).

**Table 1. Annual Success Criteria for the Dry Creek Red Sesbania Maintenance Program**

Year	Anticipated Condition at Start of Work Year	Success Criteria at End to Work Year	Overall Goal
Year 1 (2007)	10-30% cover in lower watershed, >10% cover in upper watershed	Removal of 98% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of work year
Year 2 (2008)	5-20% cover in lower watershed, >5% cover in upper watershed	Removal of 98% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of work year
Year 3 (2009)	5-10% cover in lower watershed, >5% cover in upper watershed	Removal of 100% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of work year
(Years 4-5 (2010-2011))	>5% cover in lower watershed, >1% cover in upper watershed	Removal of 100% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of work year
Years 5-10 (2012 to ?)	>3% cover in lower watershed, >1% cover in upper watershed	Removal of 100% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of work year

### 5.2 Vegetation Monitoring

Using the above-stated annual success criteria, the Placer County RCD should conduct spot checks of the Contractor’s work at least once but ideally twice per year. Based on the suggested red sesbania treatment schedule and the requirement to complete herbicide application work near water before October 15<sup>th</sup> of each year, the optimum timing of the vegetation monitoring is suggested to be late October.

### 5.3 Description of Possible Remedial Actions

If the Contractor does not meet annual success criteria, the Placer County RCD should meet with project partners and with the Contractor to discuss possible options for completing the contractual work in an acceptable manner within the contractual time limits and budgets available.

If the Contractor is dutifully treating the entire watershed using the procedures described in this document, success criteria described herein should be attainable. However, environmental factors such as unusual weather patterns, larger or longer-lived than anticipated red sesbania seed banks, plant adaptations to drier or higher conditions, and other unanticipated factors may necessitate the use of remedial actions to keep the project on track.

Possible remedial actions include:

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- The addition of a vegetable oil based surfactant to allow more herbicide to adhere to the plants (Note: May require agency approval prior to work near open water, salmonid streams, or endangered species habitats);
- Changes in the type or concentration of the herbicide to be applied to the plant (Note: May require agency approval prior to work near open water, salmonid streams, or endangered species habitats);
- Changes to treatment timing or frequency (i.e. treating earlier or later, adding another sweep of some or all of the watershed);
- Adding volunteer weed pulling events (applicable to public lands and private lands with willing landowners);
- Increasing up-front weed control efforts (for example in Years 1-3) and decreasing end-year weed control efforts within a multiple year contract; and/or
- Increasing the number of treatment years.

## 6.0 ROLES AND RESPONSIBILITIES

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### 6.1 Summary of Responsibilities for Plan Implementation

**The Placer County RCD is responsible for the following:**

- Collecting annual funding from Project Partners;
- Obtaining project permits, making sure Contractor abides by project permit requirements, and providing any required permit reporting (if required);
- Selection of Contractor(s) to perform the work;
- Entering into a Service Contract(s) with selected Contractor(s) who will perform the work;
- Review, approval, and payment of Contractor's monthly invoices;
- Technical support to Contractor and Project Partners who are conducting education and outreach;
- Participation in outreach and education venues to reach upstream and downstream land managers and other invasive plant experts to share information;
- Convening semi-annual (2 per year) Project Partners planning/progress meetings and preparing an annual monitoring report for the project (from information provided by Contractor);
- Development and implementation of remedial actions (if necessary); and
- Sign off on Contractor's contract work.

**SAFCA is responsible for the following:**

- Review and approval of all partner Cooperative Agreements where applicable;
- Approval of the selected Contractor(s);
- Updating the GIS database, landowner contact list and landowner notification list contact information on an annual basis (or making sure that Contractor completes this work);
- Review and approval of Annual Monitoring Reports;
- Participation in planning meetings and conferences; and
- Technical support and outreach and education support.

**Project Partners are responsible for the following:**

- Entering into Cooperative Agreement with Placer County RCD;
- Providing annual funding (as agreed to in the individual Cooperative Agreement);
- Technical support and outreach and education support;
- Review and comments on the Annual Monitoring Reports; and
- Participation in planning meetings.

**Contractor is responsible for the following:**

- Entering into a Service Contract(s) with the Placer County RCD to perform the work;
- Conducting two complete treatments of the project area each year of the contract (as specified in Section 3.0 above);
- Providing detailed monthly invoicing to the Placer County RCD, including a description of work performed, monthly progress reporting, and detailed accounting information;
- Attending planning meetings; and

- Providing technical information to the Placer County RCD in support of the annual report and conference presentations.

## **6.2 Schedule of Activities**

Table 2 presents a detailed schedule of activities for 2006 and 2007, and a general quarterly schedule for subsequent years.

## **6.3 Cost Estimate, Annual Budget Projections.**

Table 3 presents a cost estimate for the Maintenance Program.

## **6.4 Reporting Requirements**

This project has the following reporting requirements. Placer County RCD is responsible for reviewing and approving Contractor's monthly progress reports, and for compiling these reports into two semi-annual reports suitable for submission to the project partners, as necessary to update them on the progress of the program. The second semi-annual report will summarize the annual accomplishments of the project. Placer County RCD may also be required to file this report with permitting agencies, specifically the CDFG at the end of the project to document compliance with the project SAA.

The Contractor is responsible for preparing and submitting monthly progress reporting and for assisting Placer County RCD with necessary technical information in support of preparation of the final report.



**Table 2. Schedule of Activities: Red Sesbania Long Term Maintenance Program**

Tasks	2007-2009											2010-2011				2012-?			
	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
<b>1. Secure Permits*</b>																			
1.1 Confirm use of SAFCA Streambed Alteration Agreement from DFG*	X																		
1.2 Obtain/Update Encroachment Permit from County of Sacramento Department of Regional Parks*				X								X			X				
1.3 Obtain/Update Access Agreements from City of Roseville and Placer County*				X								X			X				
<b>2. Project Partner Funding/Documentation</b>																			
2.1 Prepare/Update Cooperative Agreements with Project Partners	X										X				X				
2.2 Collect Annual Funding	X										X				X				
2.3 Prepare Semi-Annual Progress Report				X						X		X		X	X				
2.4 Prepare Annual Progress Report										X				X					
2.5 On-site Monitoring				X				X				X		X	X		X	X	
<b>3. Contractor Contract(s)</b>																			
3.1 Prepare and Issue Request for Qualifications	X																		
3.2 Select Contractor(s)	X																		
3.3 Prepare and Execute Contract with Selected Contractor		X																	
3.4 Obtain Proof of Licensing and Insurance (Named Additional Insured for Project Partners)		X																	
3.5 Review and Approve Monthly Invoices, Issue Payments on Completed Approved Work						X	X	X	X	X	X	X	X	X	X				
3.6																			
<b>4. Contractor Activities**</b>																			

**Table 2. Schedule of Activities: Red Sesbania Long Term Maintenance Program**

Tasks	2007-2009										2010-2011				2012-?			
	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
4.1 Prepare monthly invoices, progress reporting						X	X	X	X				X	X			X	
4.2 Update GIS database and Landowner notification information									X				X				X	
Year 1 Treatment #1						X	X											
Year 1 Treatment #2							X	X										
Year 2 Treatment #1													X					
Year 2 Treatment #2													X					
Year 3 Treatment #1																	X	
Year 3 Treatment #2																	X	

**NOTES:**  
 \* Must obtain prior to the start of work  
 \*\* Activities within 25 feet of the river must start after June 1st, and must be completed by October 15th of each year to comply with BMP's for migratory fish.

**Table 3. Cost Estimate**

	Annual Costs		Subtotal
	Years 1 to 3	Years 4 to 10	Program costs for 10 years
Monitoring	\$ 2,500.00	\$ 1,500.00	\$ 18,000.00
Weed Control	\$ 29,000.00	\$ 17,000.00	\$ 206,000.00
Outreach	\$ 1,000.00	\$ 1,000.00	\$ 10,000.00
<b>Subtotal</b>	<b>\$ 32,500.00</b>	<b>\$ 19,500.00</b>	<b>\$ 234,000.00</b>
Administration (15%)	\$ 5,100.00	\$ 3,100.00	\$ 37,000.00
Inflation 3%/year	\$ 1,000.00	\$ 650.00	\$ 7,550.00
Contingency (7% per year)	\$ 2,600.00	\$ 1,700.00	\$ 19,700.00
<b>Annual Program Cost</b>	<b>\$ 41,200.00</b>	<b>\$ 24,950.00</b>	
<b>TOTAL COST OF PROGRAM (10 Years)</b>			<b>\$ 298,250.00</b>

## APPENDICES

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Appendix A. Supporting Information

Appendix B Project Maps

Appendix C. Photomonitoring Information

## APPENDIX A. SUPPORTING INFORMATION

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## A-1. Landowner Contact Information (2004)

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OWNER	ADDR1	CITY	STATE	ZIP
6287 LAIRD ROAD LLC, C/O LEON GREGORY	2998 DOUGLAS BLVD #300	ROSEVILLE	CA	95661
ABINANTI JOSEPH III	7530 REDBUD RD	GRANITE BAY	CA	95746
ABRAM RONALD A	7820 BARTLEY CT	GRANITE BAY	CA	95746
ACORN ASSET MANAGEMENT INC	2500 VENTURE OAKS WAY STE 17	SACRAMENTO	CA	95833
AGOURA ASSOCIATES LIMITED	30101 AGOURA CT #200	AGOURA HILLS	CA	91301-4311
AHLERS MIKE H	9380 WATT AVE	ROSEVILLE	CA	95747
AKT DEVELOPMENT CORPORATION	7700 COLLEGE TOWN DR #101	SACRAMENTO	CA	95826
ALIABADI MANSOUR M & SONBOL RAHIMZADEH TRUSTEES	7980 SHELBORNE DR	GRANITE BAY	CA	95746
ALVAREZ EDWARD & MARIA V	7568 SHADOW OAKS LN	GRANITE BAY	CA	95746
AMERICAN RIVER FLOOD CONTROL DIST	165 COMMERCE CIR D	SACRAMENTO	CA	95815
AMERICAN SAVINGS	720 SUNRISE AV	ROSEVILLE	CA	95661
ANDREE CARL J & SHARRON G TRUSTEES	7567 ROSE SPRINGS LN	GRANITE BAY	CA	95746
ARTHUR, MICHAEL & MAIRE WELCH	745 K ST	RIO LINDA	CA	95673
ASUNCION J. & MARIA E. REYNOSO	6016 RIO LINDA BL	RIO LINDA	CA	95673
ATTAR FAKHRI	4325 CAVITT STALLMAN RD	GRANITE BAY	CA	95746
AVANTI HOMES INC	1985 S CIRBY WY	ROSEVILLE	CA	95661
AWAN NAJAM A & TAYYIBA	5500 MOSS LANE	GRANITE BAY	CA	95746
BALFOUR PETER & JULIE	3350 AUBURN FOLSOM RD	LOOMIS	CA	95650
BALOCCO EDDY PAUL		WALNUT CREEK	CA	94598
BANNISTER DALE R & DELLAINE A TRUSTEES	3153 NARANJA DR	GRANITE BAY	CA	95746
BARBARA R & JACK R. LUCAS	8702 PENDLETON DR	GRANITE BAY	CA	95746
BASTIAN KATHLEEN L	P O BOX 168	RIO LINDA	CA	95673
BAUGHMAN RICHARD H & ALBERTA E	7710 BOREN LN	GRANITE BAY	CA	95746
BAYSIDE COVENANT CHURCH INC	3771 AUBURN FOLSOM RD	LOOMIS	CA	95650-8891
BEAMER ROBERT & PENNEY	P O BOX 2336	GRANITE BAY	CA	95746
BEER BRADLEY F & REBECCA E	P O BOX 2104	FOLSOM	CA	95763
BELT LESLIE OWEN & WENDY LYNN	1006 MONTEREY CT	ROSEVILLE	CA	95661
BENITO P., NANCY A., & LORI M. VILLA	9391 HORESHOE BAR RD	LOOMIS	CA	95650
BENITO P., NANCY A., & LORI M. VILLA	644 K ST	RIO LINDA	CA	95673
BERGTHOLD ROBERT D & TERESA J	8687 WILLOW VALLEY PL	GRANITE BAY	CA	95746
BERTSCH WILLIAM L & JOYLEA C TRUSTEES	9269 SHADOW BROOK PL	GRANITE BAY	CA	95746
BISHARAT WILLIAM W & LESLIE L	7870 EAGLEVIEW LN	GRANITE BAY	CA	95746
BLACKFORD CURTIS W & DOROTHA L TRUSTEES	6275 REBA DR	GRANITE BAY	CA	95746
BLIESNER ORVILLE G & MARGOT C TRS	9515 OAK LEAF WAY	GRANITE BAY	CA	95746
BLOOD LEO S & JUDITH G TRUSTEES	6895 COUNTRY CT	GRANITE BAY	CA	95746
BLURTON DAVID C & CATHERINE A	8600 VANE CT	GRANITE BAY	CA	95746
BRADWELL MARY E				95650-8878
BRAGG LATHE K	9286 WHISKEY BAR RD	LOOMIS	CA	8878
BRANSON & BRANSON LP, DBA	6285 SEVEN CEDARS PL	GRANITE BAY	CA	95746
RIDGEVIEW MOBILE HOME PARK	4120 DOUGLAS BLVD #306-347	GRANITE BAY	CA	95746
BREIGHT GARY PAUL & TERESA L TRUSTEES	6895 LEIBINGER LN	GRANITE BAY	CA	95746
BREKKE ROBERT & TERIE	1655 BOOTH RD	ROSEVILLE	CA	95747

BRENDEL MARGIT	8672 PENDLETON DRIVE	GRANITE BAY	CA	95746
BREWER ROBERT PAUL	8677 PENDLETON DR	GRANITE BAY	CA	95746
BROWN CANDACE V	8500 MOSS CT	GRANITE BAY	CA	95746
BROWN GEORGE & LINNELLE S	3355 ALMOND BLOSSOM LN	ROSEVILLE	CA	95678
BRUCE MICHEAL LAMBERT	6901 DRY CREEK RD	RIO LINDA	CA	95673
BRUNNER-WICKS DAGMAR/JOHN J WICKS	2128 V ST	SACRAMENTO	CA	95818
BUCHER GREGORY S ET AL	3481 BRENNANS RD	LOOMIS	CA	95650
BUCKWALTER JOSEPH M & LISA A	8722 BRONSON DRIVE	GRANITE BAY	CA	95746
BUEFF HANS ULRICH ,ET AL	5330 MOSS LN	GRANITE BAY	CA	95746
BUNSE JIM & CLAUDIA	8720 PETITE CREEK DR	ORANGEVALE	CA	95662
BURBA WILLIAM ADAM	6815 BELL DR	GRANITE BAY	CA	95746
BURNS ROBERT F ET AL	6255 REBA DR	GRANITE BAY	CA	95746
BURNSIDE FRANK THOMAS & LAURIE MARIE TRUSTEES	8625 MOONEY RD	GRANITE BAY	CA	95746
BURTON MARILYN TRUSTEE ET AL	164 MAPLE ST #5	AUBURN	CA	95603
C E & HELEN E HAGSTROM	1439 W COLONIAL PKY	ROSEVILLE	CA	95661
CAIN BRIAN C & TANYA L	6875 COUNTRY CT	GRANITE BAY	CA	95746
CALVERT SANDRA A	8667 PENDLETON DR	GRANITE BAY	CA	95746
CARDOSO ANDREW LEWIS & MARY SUE TRUSTEES	7150 DOUGLAS BLVD	GRANITE BAY	CA	95746-95604-4947
CASSELL MARY ANN ROGERS CATHERINE E. & RAYMOND L. CRAWFORD SR.	P O BOX 4947	AUBURN	CA	95673
CAVOLT PETER	1328 O ST	RIO LINDA	CA	95673
CECIL W. & DEBORAH ANN CARRUTH	8123 MINERS MEADOWS CT	GRANITE BAY	CA	95746
CENTER UNIFIED SCHOOL DISTRICT	2921 Tolman Lane	Antelope	CA	95843
CHAMBERLIN MARK PATRICK & KATHRYN R	8725 Watt Ave	Antelope	CA	95843
CHESTER L & JUANITA ANDERSON	7532 HARDY LN	GRANITE BAY	CA	95746
Chris & Georgia Ann Spitzer Jr.	6821 CURVED BRIDGE RD	RIO LINDA	CA	95673
CHRISTENSEN CHARLOTTE A F	1545 Q ST	RIO LINDA	CA	95673
CHRISTL FRANK C & BESSIE BLOUIN TRUSTEES	8060 QUINN PL	LOOMIS	CA	95650
CHRISTO D. BARDIS, JOHN D. REYNEN, & JAMES KOURETAS	4827 MINERS COVE	LOOMIS	CA	95650
CHU DENNIS A & LINDA N TRS	2721 Elverta Rd.	Antelope	CA	95843
CLARK JASON D & SUSANNA M	P O BOX 2006	GRANITE BAY	CA	95746
CLAUSSEN RICHARD	6590 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
CLEVINGER ASSOCIATES LLC	4867 MINERS COVE CIR	LOOMIS	CA	95650
CONN CATHERINE A	2998 DOUGLAS BLVD STE 30	ROSEVILLE	CA	95661
CORD ROBERT I III & ERIN H TRUSTEES	9410 OAK LEAF WAY	GRANITE BAY	CA	95746
CORDOVA MARIA F TRUSTEES CORP PRSDNG BISHOP CH JESUS CHRIST LATTER-DAY STS	7800 QUINN PL	LOOMIS	CA	95650-95746-9104
COWLEY MILDRED D TRUSTEE	4600 LAWRENCE DR	GRANITE BAY	CA	95746
CREEKSIDE CLUB	50 E N Temple 22nd Floor	Salt Lake City	UT	84150
CROWLEY CHRISTOPHER J & KARA A, C/O CROWLEY PROPERTIES	6570 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
DALE A. & A. LILLIAN WEISENBURGER	P O BOX 882	RIO LINDA	CA	95673
DANAYECK ROSINA TRUSTEE ET AL	5750 WEST OAKS BLVD., SUITE 200A	ROCKLIN	CA	95765
DANIEL F. & JUDITH A. PAIGE	1320 O ST	RIO LINDA	CA	95673
DANNER ALEXANDER J ET AL	9075 WATT AVE	ROSEVILLE	CA	95747
	7428 18TH ST	RIO LINDA	CA	95673
	9222 VISTA RAVINE CT	LOOMIS	CA	95650

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

DANNY G. & AMBER T. POTTER	1058 FALLON WOODS WY	RIO LINDA	CA	95673
DAVENPORT WILLIAM LLOYD & PATRICIA ANN TRUSTEES	6580 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
David A. Osburn	2592 ELVERTA RD	ELVERTA	CA	95626
DEBOARDYATES LINDA JOY ET AL	8990 DICK COOK RD	LOOMIS	CA	95650
DEE DOUGLAS & RICHARD MUSILLAMI	738 K ST	RIO LINDA	CA	95673
DENNIS R. & DENISE N. JOHANNES	1288 O ST 3841 AUBURN FOLSOM RD	RIO LINDA	CA	95673
DEROSA DAVID & CONNIE		LOOMIS	CA	95650
DONNA EMMERICH	P O BOX 5420	SACRAMENTO	CA	95817
DOROTHY L FIELDS	724 SUNRISE AV	ROSEVILLE	CA	95661
DOUGLAS GROUP INC	300 STONE CANYON RD	LOS ANGELES	CA	90077
DOYLE MICHAEL P & JAYASHREE S	5435 ASHBY LN	GRANITE BAY	CA	95746
DUMAS RONALD A & LINDA K	8005 ROB ROY LANE	GRANITE BAY	CA	95746
DUNN MAURICE & PATRICIA	6963 BRANDY CIR	GRANITE BAY	CA	95746
DUPAR DANA & LAURIE	7550 RED BUD RD	GRANITE BAY	CA	95746
EGAN MICHAEL	8692 PENDLETON DR	GRANITE BAY	CA	95746
ELDIE C. LONG TRUST	5948 RIO LINDA BL	RIO LINDA	CA	95673
ELKIN BARRY & CHARLOTTE ANN	PO BOX 1288 80 IRON POINT CIR, SUITE 110	NEWCASTLE	CA	95658-1288 95630-8574
ELLIOTT HOMES INC		FOLSOM	CA	
ESTACIO M. & DENISE H.FARIA	2901 Tolman Lane	Antelope	CA	95843
ESTATE OF JOHN R. SMITH	6600 CHERRY LN A	RIO LINDA	CA	95673
EUREKA UNION ELEM SCHOOL DIST FEULNER WILLIAM M & DIANE WONG TRUSTEES	5477 EUREKA RD 7935 DANBURY CT	GRANITE BAY	CA	95746
FEUSI MARY GERALDINE TR ET AL	7600 RED BUD RD 3300 Douglas Blvd, Suite 360	GRANITE BAY	CA	95746
FIDELITY TITLE CO		ROSEVILLE	CA	95661
FIRST APOSTOLIC CHURCH OF RIO LINDA	P O BX 459	RIO LINDA	CA	95673
FIRST PRESBYTERIAN CHURCH RSVL	515 SUNRISE AVE	ROSEVILLE	CA	95661
FIRST SOUTHERN BAPTIST CHURCH FLANAGAN MICHAEL A & MARION G TRUSTEES	1301 COLOMA WY 4727 VISTA COVE PL	ROSEVILLE	CA	95661
Flick EARL R & KATHLEEN L	2361 PERSIMMON LANE	NEWCASTLE	CA	95658
FORD L MEADOWS TRUSTEE, C/O MEEKER CECIL J	503 WOODLAND AVE NW	PORT CHARLOTTE	FL	33952
FORTUNE WEST ENTERPRISES INC	P O BOX 2699	GRANITE BAY	CA	95746
FOXTAIL INVESTMENTS LLC	3970 DOUGLAS BL	ROSEVILLE	CA	95661
FRANCISCO & IDALIA DIAZ-SERRANO	7121 18TH ST	RIO LINDA	CA	95673
FRANK TOBY HELENE	8580 VANE CT	GRANITE BAY	CA	95746
FRAZIER KAREN	7587 MEADOWLARK LN	GRANITE BAY	CA	95746
FREDERIKSEN RICHARD RON & BETTY L TRUSTEES	8610 MOONEY DR	GRANITE BAY	CA	95746
FREEMAN MONICA G ET AL	8065 CREEKSIDE LN	GRANITE BAY	CA	95746
FREEMAN SIDNEY B	9812 WEXFORD CIR	GRANITE BAY	CA	95746
FROOMIN LOREN A & TERESA B FUERST FREDRICK H & MARILYN R TRUSTEES	4847 MINERS COVE CIR 7750 QUINN PLACE	LOOMIS	CA	95650
FUMIYO & PERCY LYNN JR	P O BX 83	RIO LINDA	CA	95673
GARRETT MELANIE K	7120 SUMMERWOOD CT	GRANITE BAY	CA	95746
GAYLE HELMS TRUST/GAYLE ANDREW HELMS	1500 Q ST	RIO LINDA	CA	95673
GEMULLA WILLIAM J ET AL	9220 MUIR WAY	GRANITE BAY	CA	95746-9678
GIBLIN DAVID & LISA	6835 BELL DR	GRANITE BAY	CA	95746

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

GIBSON RANCH LLC	7700 College Town Dr. # 215	Sacramento	CA	95826
GIFFORD RICHARD HAIGHT III & GIFFORD DENISE LINDA	9380 OAK LEAF WAY	GRANITE BAY	CA	95746
GIUSTI JAMES FRANCIS & GIUSTI SHIRLEY A	6804 BELL DR	GRANITE BAY	CA	95746
GOEN NANCY L TRUSTEE	8025 ROB ROY LN	GRANITE BAY	CA	95746
GOETZ CARL STEPHEN TRUSTEE & GOETZ JO AL TRUSTEE	7791 TALL PINE LANE 9045 AUBURN FOLSOM RD	ROSEVILLE	CA	95661
GRABENAUER ALISON	DBA GRANITE BAY GOLF CLUB	GRANITE BAY	CA	95746
GRANITE BAY LIMITED PARTNERSHIP, C/O CLUB CORP INC		DALLAS	TX	75234- 7703
GRAVES GENE A & WENDY L TRUSTEES	7580 REDBUD RD	GRANITE BAY	CA	95746
GREGORY A. & DONNA M. ROSSBO	7109 18TH ST	RIO LINDA	CA	95673
GREISEN CARY P & TERESA L ET AL	4112 CRESTLINE AVE #2 8113 MINERS MEADOWS CT	FAIR OAKS	CA	95628
GUBITZ GARY L & PEGGY S TRUSTEES		GRANITE BAY	CA	95746
H & A PROPERTIES LLC	9550 ANTELOPE OAKS CT	ROSEVILLE	CA	95747
HAMAMOTO FAMILY TRUST, HAMAMOTO MAX MASAO TRUSTEE	8331 MEDITERRANEAN WAY	SACRAMENTO	CA	95826
HAMPTON VILLAGE HOMEOWNER ASSN	1893 JOHNSON RANCH DR	ROSEVILLE SAN FRANCISCO	CA	95661
HARDER LESLIE	315 28TH ST	FRANCISCO	CA	94131
HARRIET E. MEYERS & VALERIE L. PRAZ	1522 Q ST	RIO LINDA	CA	95673
HASS STEVEN L & KENDRA S	7280 FULLER DR	GRANITE BAY	CA	95746
HAYASHI MINORU MIKE & HIROKO TRS ET AL	642 4TH AVE	SACRAMENTO	CA	95818
HERMAN OLIVIA E TRUSTEE	8722 PENDLETON DR	GRANITE BAY	CA	95746
HERNANDEZ ANGELOS ET AL	7860 BOREN LN	GRANITE BAY	CA	95746
HIDALGO CARLOS & LUCY TRUSTEES	7847 PROSPECT CT	GRANITE BAY	CA	95746
HIDDEN VALLEY COMMUNITY ASSN	7072 PINE GATE WAY	GRANITE BAY	CA	95746
HIERONYMUS RICHARD L & LEONORA T	7540 RED BUD RD	GRANITE BAY	CA	95746
HOLT IVAN KARL & LENORE C TRS	704 IVY CT 3873 AUBURN FOLSOM RD	WINTERS	CA	95694
HUSK WILLIAM L	6740 AUBURN FOLSOM RD	LOOMIS	CA	95650
HUTTLESTON MICHAEL M & MARILYN E		GRANITE BAY	CA	95746
ILJANA FLOYD J & BETTY L TRUSTEES	2690 NEWCASTLE RD	NEWCASTLE	CA	95658
J RAND OLSON	1437 W COLONIAL PKY	ROSEVILLE	CA	95661
JACKSON CLARK & SHONNIE	5990 ROSE CT	GRANITE BAY	CA	95746
JAEGER DAN S & SUSAN L JAMES & BONITA D. AVARA FAMILY TRUST	9405 BRIDGE CREEK LN 1421 L ST	NEWCASTLE RIO LINDA	CA	95658- 9309
JAMES & DANA K EVANS	103 TRENTON CT	ROSEVILLE	CA	95661- 5020
JAMES H. & SHARON R. HUNT	2428 U ST	RIO LINDA	CA	95673
JANN STUART E	6855 COUNTRY CT	GRANITE BAY	CA	95746
JARE LOKWING ET AL	6440 CAROLINDA DR	GRANITE BAY	CA	95746
JASPER CLAN TRUST	1533 L ST	RIO LINDA	CA	95673
JERRY M. & BETTYMAE KOOPMAN	CMR 411 BOX 546	APO	AE	09112
JESSIE A. JOHNSON	P O BX 637	RIO LINDA	CA	95673
JOHNS DANIEL L & STACEY L TRUSTEES	7335 HILL RD	GRANITE BAY	CA	95746
JOHNSON JOHN R JR TRUSTEE	6480 CAROLINDA DR	GRANITE BAY	CA	95746- 9001
JOHNSON RANCH INVESTORS JOHNSON ROBERT E JR & ELIZABETH J TRS	650 N SUNRISE AV 6400 CAROLINDA DRIVE	ROSEVILLE GRANITE BAY	CA	95661 95746
JOHNSON ROBERT P & DEINA S	8000 SHELBORNE DR	GRANITE BAY	CA	95746

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

JOLEEN M. GOMEZ	7501 24TH ST	RIO LINDA	CA	95673
JONES LOUIS E JR & MARY M TRUSTEES	1401 BOOTH ROAD	ROSEVILLE	CA	95678
JONES MARLAN L & MARY E	8145 QUINN PLACE	LOOMIS	CA	95650
JONES PATRICK S & JEAN A	3493 BRENNANS RD 4380 CAVITT STALLMAN RD	LOOMIS	CA	95650
JONES RUBY M TRUSTEE ET AL	3080 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
KAWAHATA CARL Y & FRAN C	3120 AUBURN FOLSOM RD	NEWCASTLE	CA	95658
KAWAHATA KIMBERLEE N		NEWCASTLE	CA	95658
KEARNEY TROY & DIANE	8549 VANE CT	GRANITE BAY	CA	95746
KEH BENJAMIN T TRUSTEE ET AL	7150 HIDDEN VALLEY PL	GRANITE BAY	CA	95746
KEIL ROBERT W & MICHELE A TRUSTEES	6175 SEVEN CEDARS PL	GRANITE BAY	CA	95746- 9643
KEITH E. & NARDA O. WEBER	1711 L St.	Rio Linda	CA	95673
KENNEDY WHITNEY H TRUSTEE	3842 PEACH DR	LOOMIS	CA	95650
KERBOW MICHAEL E & TAMARA L	8509 HIDDEN LAKES DR	GRANITE BAY	CA	95746
KEVIN F. & SHELLY D. MOMEN KEVIN WAYNE LONG & WAYNE HENDERSON	6801 16TH ST  3109 NORRIS AV	RIO LINDA  SACRAMENTO	CA  CA	95673  95821
KHAIROLOMOUR REZA ET AL	7750 BOREN LN	GRANITE BAY	CA	95746
KILIANY GERALD L TRUSTEE & KILIANY MADELAINE J TRUSTEE	7495 REDBUD RD	GRANITE BAY	CA	95746
KNAUSS KEVIN V & KRISTINE J	8712 PENDLETON DR	GRANITE BAY	CA	95746
KULINSKI TADEUSZ & BOGINE S	8717 BRONSON DR 9045 AUBURN FOLSOM BLVD	GRANITE BAY	CA	95746
LANMAN ALISON		GRANITE BAY	CA	95746
LAUX STEVEN ROY	8075 CREEKSIDE LN	GRANITE BAY	CA	95746
LEE CARYN L & MARK T	7910 QUINN PL	LOOMIS	CA	95650
LEE ELISE LIFE ESTATE	700 ELISA WY	ROSEVILLE	CA	95661
LEHMANN LINDA A TRUSTEE	7240 FULLER DR	GRANITE BAY	CA	95746
LEMAN JOHN E JR & LINDA P TRUSTEES	8482 WILLOW VALLEY PL 5240 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
LEWELLEN CHARLES A & MIRIAM C TRS LEWELLEN CHARLES A & MIRIAM C TRUSTEES	5240 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
LEWIS DAVID F & JANELLE F	7485 RED BUD RD	GRANITE BAY	CA	95746
LEYRER ENRICA PRIMA & ROY G LINDSEY ROBERT A JR & KRISTINA L TRUSTEES	9310 BUCKBOARD LN  9285 MINERS CROSSING	LOOMIS  LOOMIS	CA  CA	95650  95650
LLEWELLYN CHARLOTTE A TRUSTEE	P O BOX 1136	LOOMIS	CA	95650
LORRAINE A JEFFRIES FAMILY TRUST	1441 L ST	RIO LINDA	CA	95673
LOU & PAT AVILA REVOCABLE LIVING TRUST	1300 O ST	RIO LINDA	CA	95673
LOUIS H/DONNA J MILLER FAMILY TRUST/ETAL	2318 Starbright	San Jose	CA	95124 95746- 9610
LOWE PAUL E & LOWE PATRICIA L LSPI EXCHANGE CORPORATION QUALIF INTERMEDIARY ET, C/O MOLZAHN LORENA	6810 BELL DR  P O BOX 5152 8210 WALDEN WOODS WY	GRANITE BAY  AUBURN	CA  CA	95604
LUNDT LORRAINE L		GRANITE BAY	CA	95746
LUPPI RODOLFO & JUANITA	7625 WILDFLOWER CT	GRANITE BAY	CA	95746
LURLINE A. & HOWARD C. PHELPS JR. MALM ROBERT D & MARGARET G TRUSTEES	2991 Tolman Lane  8015 ROB ROY LANE	Antelope  GRANITE BAY	CA  CA	95843  95746
MARCHENKO TATYANA & AVGOUSTIN MARILYN SIMPSON & KATHRYN L. BARNES	2860 GLASER LN  PO BOX 314	ROSEVILLE  RIO LINDA	CA  CA	95747  95673
MARKS CLAUDEENE A TRUSTEE	6740 MINERS RAVINE RD	GRANITE BAY	CA	95746

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

MARY J. GRAVES	1324 O ST 9477 GREENBACK LN STE 525	RIO LINDA	CA	95673
MASHA MAHMOOD JOHN		FOLSOM	CA	95630
MASTERS TERESA	7855 EAGLE VIEW LN	GRANITE BAY	CA	95746
MASYKJACKSON JANIS & ROBERT	5920 ROSE CT	GRANITE BAY	CA	95746
MATOBA AKIO & TERRENCE R	8605 MOONEY RD 3809 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
MATTERN ROSEANN P TRUSTEE	4833 AUBURN FOLSOM RD	LOOMIS	CA	95650
MCBRIDE JAMES P & JULIANA M		LOOMIS	CA	95650 95746- 9337
MCGEE JAMES B & MARIANNE	8045 CREEKSIDE LN	GRANITE BAY	CA	95746
MCLELLAN JOHN S & LADONNA J MEISSEN MILTON & HILDEGARDE TRUSTEES	5442 LONE OAK LN  8610 DICK COOK RD 3921 AUBURN FOLSOM RD	GRANITE BAY	CA	95746  95650 95650
MELVOLD WAYNE F & MARJORIE E TRS MERCHANT THOMAS CRAIG & SHARON WALKER TRUSTEES	6100 ROSE CT	GRANITE BAY	CA	95746
MERRILL G BROWN REVOCABLE TRUST	7224 16TH ST	RIO LINDA	CA	95673
MILLER KENNETH L & LINDA R	5750 MOSS LN	GRANITE BAY	CA	95746
MILLSPIN INVESTMENTS LP ET AL	2250 CORONET DR	SAN JOSE	CA	95124
MILLWARD THOMAS ET AL MINERS COVE AT PLACER CANYON HOA, C/O GREY CPA	3893 SO HOLLY  164 MAPLE ST #3	LOOMIS	CA	95650  95603
MITJANS GEORGE & ROSE ANN	9470 OAK LEAF WY 3635 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
MONTALBANO SAM A & DEBORAH K MONTE SERENO HOMEOWNERS ASSOCIATION, C/O JOHNSON RANCH MANAGEMENT	2140 PROFESSIONAL DR STE 260	LOOMIS	CA	95650  ROSEVILLE
MOREHOUSE JASON S & CAROL M	7665 WILDFLOWER CT 1433 NORTH HWY 89 #110	GRANITE BAY	CA	95746
MORGAN CREEK GOLF CLUB LLC MORGAN DANIEL J & MORGAN BARBARA L	7905 DANBURY CT	FARMINGTON	UT	84025
MORGAN JUDITH H TRUSTEE	6955 COUNTRY CT	GRANITE BAY	CA	95746
MOYNIER GENE E ET AL MURCHISON WILLIAM R & PATRICIA P TRUSTEES	7597 ROSE SPRINGS LN  4580 LAWRENCE DR	ROSEVILLE	CA	95661  95746
MURPHY FAMILY LIVING TRUST	6501 DRY CREEK RD	GRANITE BAY	CA	95746
MUSGROVE TOM O & SHARON L MUSOLINO ENZO & BARBARA J TRUSTEES	7790 TALL PINE LANE  7145 SUMMERWOOD CT	RIO LINDA	CA	95673  95661
NAKAO ESTHER K	5657 BURNING TREE DR	ROSEVILLE	CA	95661
NELSON WILLIAM L & JOANNA F TRS	5139 ENGLEWOOD DR	LA CANADA	CA	91011
NESHEIM GARY & CYNTHIA	3130 OLD AUBURN RD	SAN JOSE	CA	95129
NESHEIM KERMIT & MARY F	3120 OLD AUBURN ROAD	ROSEVILLE	CA	95661
NEWMAN JAMES R & KAREN L	7270 FULLER DR	ROSEVILLE	CA	95661
NIEBAUER JOHN S & JANELLE M	6550 BUCKEYE LN	GRANITE BAY	CA	95746
NIEBUHR MARK A & DONNA L	4287 MINERS COVE CIR	GRANITE BAY	CA	95746
NIXON KERRY A & CESLEY L	PO BOX 485	LOOMIS	CA	95650
NOAH & JANICE F. DAVIS NOURSE ROBERT STEPHEN & NELLIE TRUSTEES	P O BX 249  7260 FULLER DR	ELK GROVE	CA	95759
OANIA MARINA A	3140 OLD AUBURN RD	POWERS	OR	97466
OANIA MARINA A	3140 SPAHN RANCH RD	GRANITE BAY	CA	95746
ODELL & LILLIAN THRASHER OLIVER MARK GEORGE & BARBARA SPILKER	6139 BUCKBOARD DR 8143 MINERS MEADOW CT	ROSEVILLE	CA	95661 95661 95673
		RIO LINDA	CA	95673
		GRANITE BAY	CA	95746

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

PARKLAND HOMES INC	2271 LAVA RIDGE CT #220	ROSEVILLE	CA	95661
PATRICIA A HENDERSON	P O BOX 601494 5480 AUBURN FOLSOM RD	SACRAMENTO	CA	95860
PATTERSON BLANCHE I	5480 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
PATTERSON GEORGE V & BLANCHE I		GRANITE BAY	CA	95746
PATTON STEPHEN M	9625 ROCK SPRING RD	NEWCASTLE	CA	95658
PAULIN ANDREA J & RICHARD M	7595 MEMORY LN	GRANITE BAY	CA	95746
PAYNE DENNIS M & CHERYL F PETERSON DAVID A & LIANNE A TRUSTEES	9485 OAK LEAF WAY 9237 PURDY LN	GRANITE BAY	CA	95746
PETERSON DOUGLAS R & PEGGY J	7550 MEMORY LN	GRANITE BAY	CA	95746
PETKUS MICHAEL & TANYA TRUSTEES	7850 EAGLE VIEW LN	GRANITE BAY	CA	95746
PHILLIPSBREWER LINDA E TRUSTEE ET AL	91-1108 KAILEOLEA DR	EWA BEACH WALNUT CREEK	HI	96706
PICKETT DEVELOPMENT COMPANY INC	2703 RIDGEVIEW LN		CA	94598
PLACER COUNTY FLOOD CONTRO	11444 B AVE	AUBURN	CA	95603
PORTER JOHN & JOANNA A	6480 BUCKEYE LN 4196 DOUGLAS BLVD STE 100	GRANITE BAY	CA	95746
PULTE HOME CORP QUEEN DAVID L SR & KATHY JEAN TRUSTEES	9355 HORSESHOE BAR RD	LOOMIS	CA	95650
RAHBARIAN MIKE TRUSTEE ET AL	6985 COUNTRY CT	GRANITE BAY	CA	95746
RATERMANN MARK & KATHRYN M RAY D. & MARIA L. ALFORD FAMILY TRUST	2440 PADDOCK LN 3957 4TH AV	NEWCASTLE	CA	95658
RAY FAMILY TRUST	755 S FAIRMONT AV A-1	SACRAMENTO	CA	95817
REED DEE L & CYNTHIA ANN	8532 HIDDEN LAKES DR 6960 AUBURN FOLSOM RD	LODI	CA	95240
REGAN JEROME JAMES & DARLENE D		GRANITE BAY	CA	95746
REILLY FRANK E & JEANETTE M	5149 ELBERT WAY	GRANITE BAY	CA	95746
RICHARD J. GOODNIGHT	2981 Tolman Lane	SACRAMENTO	CA	95842
RICHARD R SR & CLAIR ANN ALWAY	1449 W COLONIAL PR	Antelope	CA	95843
RICHARD S. & SHERRY L. DAVIS	6604 W 2ND ST	ROSEVILLE	CA	95661
RIEGEL MICHAEL B & SUSAN J RIEKER HAROLD ARTHUR & JACKIE K ET AL	6605 SHADY LAKE LN 291 WALTON WAY	RIO LINDA	CA	95673
RIO LINDA/ELVERTA RECREATION AND PARK DISTRICT	810 OAK LN	GRANITE BAY	CA	95746
RIOLO DONALD R & KATHLEEN J TRUSTEES ETAL	10775 SUNRISE RIDGE CIR	ROSEVILLE	CA	95678
RIOLO KENNETH P SR & DORA TRS	9220 COOK RIOLO RD	RIO LINDA	CA	95673
RIOLO RICHARD A TRUSTEE ET AL RISEHOOVER THOMAS NOLAN & DORIS ELAINE	8665 WATT AVE 4330 CAVITT STALLMAN RD	AUBURN	CA	95603
ROBERT E. & YOLANDA A. LAWSON	7029 18TH ST	ROSEVILLE	CA	95747
ROBERT G NIELSEN REVOCABLE TRUST	7440 22ND ST	ROSEVILLE	CA	95747
ROBERT K SCHERER 2002 TRUST	1108 VICKREY CT	GRANITE BAY	CA	95746
ROBERTS KENNETH W & JEANETTE M	9242 PURDY LN	GRANITE BAY	CA	95746
RODRIGUEZ EZEQUIEL & ROSA	7790 SIERRA DR	GRANITE BAY	CA	95746- 6962
ROGERS GERTRUD TRUSTEE	5780 MOSS LN	GRANITE BAY	CA	95746
ROMERO JAMES & CINDY L	9430 OAK LEAF WAY	GRANITE BAY	CA	95746
RONALD D. & DOLORES CLAYTON	6446 6TH ST 3530 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
ROSEME SHARON D		RIO LINDA	CA	95673
ROSEVILLE CITY SCHOOL DIST	1000 DARLING WY 7335 TOPANGA CYN BL #202	LOOMIS	CA	95650
ROSEVILLE PROPERTY TWO LLC		ROSEVILLE CANOGA PARK	CA	95678 91303

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

ROTELLI MARY & TOM JR	7599 ROSE SPRINGS LN	GRANITE BAY	CA	95746
SACKMAN LAURANCE & DEBORAH	5475 ASHBY LN	GRANITE BAY	CA	95746
SAEED LEBASTCHI	8202 N LAKE CIR	GRANITE BAY	CA	95746
SAQUI MICHAEL C & LISA L	7875 WINGATE CT	GRANITE BAY	CA	95746
SARA E. SCHOOLING	2064 NORMANDY DR	HURST	TX	76054
SAUNDERS ROBERT F JR & CAROL S TRUSTEES	9291 MINERS CROSSING	LOOMIS	CA	95650
SAVAGE SANDRA L	5982 OAKVIEW DR	GRANITE BAY	CA	95746
SCHAAP ROBERT L & JOHANNA TRUSTEES	P O BOX 2253	GRANITE BAY	CA	95746
SCHELLHOU MARVIN M & JUNE A TRS	2360 P F E ROAD	ROSEVILLE	CA	95747
SCHINDLER HERMAN A & HELEN M TRS	2342 PADDOCK LN	NEWCASTLE	CA	95658
SCHMOOCK JAMES C & DEIRDRE	6130 ROSE CT	GRANITE BAY	CA	95746
SCHNECK MICHAEL M & NATALIE E	9475 OAK LEAF WY	GRANITE BAY	CA	95746
SETZER JEFFREY CAL & PENNELYN	2525 VINEYARD RD	ROSEVILLE	CA	95747-9751
SHARP RONALD K & JANET	4701 VISTA COVE PL 3330 AUBURN FOLSOM RD	LOOMIS	CA	95650
SHELL CORY L & TERI		LOOMIS	CA	95650
SHETKA DEBRA ET AL	7855 WINGATE CT	GRANITE BAY	CA	95746-9362
SHIRLEY ANN RAGLE	7401 22ND ST	RIO LINDA	CA	95673
SHIRLEY CUMMINGS	P O BX 884	RIO LINDA	CA	95673
SHIRO FAMILY TRUST	9655 CHEROKEE LN	NEWCASTLE	CA	95658
SIEGEL STEVE F & CLAUDIA R	4857 MINERS COVE CIR	LOOMIS	CA	95650-7112
SILVA DONNA ET AL	9588 ROCK SPRINGS RD	NEWCASTLE	CA	95658
SINGLETON ROBERT MICHAEL ET AL	9375 ROBIN LN	NEWCASTLE	CA	95658
SMITH ROBERT A & BERTHA TRUSTEES	7600 SHADOW OAKS LN	GRANITE BAY	CA	95746
SMITH SUSAN D TRUSTEE ET AL	4797 MINERS COVE CIR	LOOMIS	CA	95650
SMITH THOMAS H & LOUISE D TRUSTEES	8522 HIDDEN LAKES DR	GRANITE BAY	CA	95746
SOUTHERN PACIFIC TRANS CO	698 HARDING BL	ROSEVILLE	CA	95678
SOUTHFORK PARTNERSHIP	1780 E ROSEVILLE PW	ROSEVILLE	CA	95661
SPEAR REGINALD G JR & KIM L	6933 SHADY LAKE LN	GRANITE BAY	CA	95746
SPENCER KAREN G TRUSTEE	6190 ROSE CT 5380 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
STANPHILL MICHAEL R & CATHY M		GRANITE BAY	CA	95746
STONE PROPERTIES INC	3036 Q ST	N HIGHLANDS	CA	95660
STRAHL TROY & KELLY	4837 MINERS COVE CIR	LOOMIS	CA	95650
SWANSON BRUCE E & BARBARA J TRS	P O BOX 2552	GRANITE BAY	CA	95746-2552
TABER LAWRENCE K TRUSTEE	9525 OAK LEAF WAY	GRANITE BAY	CA	95746-9633
TAKAYAMA ALICE FUKIKO	2550 NEWCASTLE RD	NEWCASTLE	CA	95658
TAMARA J ROSE & MARLENE VALLEE	P O BX 581	N HIGHLANDS	CA	95660
TANNER JOHN D & BARBARA A	7150 J BAR B DRIVE	ROSEVILLE	CA	95661
TARICOO DEBORAH J ET AL	7635 WILDFLOWER CT	GRANITE BAY	CA	95746
TAYLOR BRETT R & KAY L	7850 BARTLEY CT	GRANITE BAY	CA	95746
TAYLOR PHILLIP N & REVE	7910 BROOK CT	GRANITE BAY	CA	95746
THOMAS C & CAROL D HEATH	1451 W COLONIAL PKY	ROSEVILLE	CA	95661
THOMAS DARLENE F TRUSTEE	9450 OAK LEAF WAY 6700 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
THOMPSON BRUCE & PAMELA THOMSON CHARLES PRESTON & THOMSON PATRICIA G		GRANITE BAY	CA	95746-7334
THYBERG GREGORY A & KATHLEEN R	6860 COUNTRY CT 7827 PROSPECT CT	GRANITE BAY	CA	95746

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

TIBERTI JAMES J & LEONA E	6580 BUCKEYE LN	GRANITE BAY	CA	95746
TIM ROUZE & LESA BROADMAN	7445 20TH ST	RIO LINDA	CA	95673
TIMOTHY DEAN BUCKMASTER	500 G ST	RIO LINDA	CA	95673
TOMS BERTIJUNE TRUSTEE	9322 BARTON RD	GRANITE BAY	CA	95746
TORGERSON CHARLES E & BOYKOTORGERSON JUDITH A	6240 ROSE COURT	GRANITE BAY	CA	95746
TSAKOPOULOS GEORGE & DROSOULA ET AL, C/O TSAKOPOULOS INVESTMENTS	7423 FAIR OAKS BLVD #10	CARMICHAEL	CA	95608
TURNER WILLIAM P & LINDA A	6151 REBA DR	GRANITE BAY	CA	95746
UBIS CARL P TRUST	2230 PADDOCK LN	NEWCASTLE	CA	95658
UMBERTO & PIERRETTE TORLONE URBAN L/KIM C KOAGEDAL REVOCABLE LIVING TRUST	6637 24TH ST 442 MARSHALL AV	RIO LINDA PETALUMA	CA	95673 94952
URIBE STEVEN K & DEBORAH L	6925 COUNTRY CT	GRANITE BAY	CA	95746
VARGAS SELSO JR & JANE	905 PIEDMONT DR	SACRAMENTO	CA	95822
VAUGHAN DENIM P ET AL	9255 BARTON RD	GRANITE BAY	CA	95746
VESSELL MATTHEW MICHAEL & PAULA M	P O BOX 2493	GRANITE BAY	CA	95746
VICKI ELAINE ROSE	P O BOX 509	WHEATLAND	CA	95692
VICTOR MOJICA & LEO DEGARIO V	518 CIRCUIT DR	ROSEVILLE	CA	95678 95014- 2075
VII LLC SI VINCENZINI MARK A & CRYSTAL L TRUSTEES	10600 N DE ANZA BL 9390 PURDY LN	CUPERTINO GRANITE BAY	CA	95746
WADDELL GARY G WAGENHALS CONSTANCE N & MICHAEL J	6201 PEACE SPRINGS RD 7645 WILD FLOWER CT	LOOMIS GRANITE BAY	CA	95650 95746
WALKER ROBERT R	8550 VANE CT	GRANITE BAY	CA	95746
WEAVERBROWN JODY TRUSTEE	2355 PERSIMMON LN	NEWCASTLE	CA	95658
WEIDKAMP KEITH L & LINDA P TRUSTEES	6225 REBA DR	GRANITE BAY	CA	95746
WEISS VELMA L	7557 SHADOW OAKS LN 5160 AUBURN FOLSOM RD	GRANITE BAY	CA	95746
WELLS RICHARD A & REGINA C WENSTROM MARLON W & LESLEY A TRUSTEES	6010 LOCKRIDGE DR	GRANITE BAY	CA	95746
WERMUTH GARY P & LAURA L TRS	6235 REBA DR 8103 MINERS MEADOWS CT	GRANITE BAY	CA	95746
WERTHEIM DAVID S & ROSE A	3604 Fair Oaks Blvd	Sacramento	CA	95864
WESTERN TITLE INSURANCE CO	1453 W COLONIAL PKY 9200 PLACER CANYON PKWY	ROSEVILLE	CA	95661
WILLIAMS REGAN G & CAROL J	4360 CAVITT STALLMAN RD	LOOMIS	CA	95650
WILLIAMS SAM H TRUSTEE	5650 MOSS LANE	GRANITE BAY	CA	95746
WINCHESTER DALE K & PENNY L	1604 WINCHESTER WY 710 N PLANKINTON AVE SUITE 1200	ROSEVILLE MILWAUKEE	CA	95661 53203
WINCHESTER OWNERS ASSOCIATION WINDING CREEK LLC, ATTN: WEISE BRIAN	9289 SHADOW BROOK PL	GRANITE BAY	CA	95746
WOLFE RICHARD A & ELLEN A	P O BOX 398	LOOMIS	CA	95650
WOLTZ WILLIAM T & TAMI WONG D OLIVER & LISA MARIE TRUSTEES	5797 GIBSON PL	GRANITE BAY	CA	95746
WONG DAVID P & MARIA G TRUSTEES	4318 ALMOND LN	DAVIS	CA	95616
WOODROOF WAYNE O & JANNA R	5437 LONE OAK LN	GRANITE BAY RANCHO	CA	95746
YEVGENIY & VALENTINA DAVYDYUK	10730 COLOMA RD 14	CORDOVA	CA	95670 95658- 9750
ZISA ANTHONY & NANCY ARROYO	9670 CHEROKEE LN	NEWCASTLE	CA	95746



## A-2 Landowner 24-Hour Notification List (2006)

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### 2006 Dry Creek Watershed Landowner Notification List

Area of Concern	Name	Phone*	Title	Agency	Address	Comments
Hansen Ranch	Charlotte Kimball	Office (530) 795-0851, Cell (530) 902-1949		Kimball Neely Assoc.	4618 Campos Ln, Winters, CA 95694	<b>CONTACT 1 WEEK BEFORE STARTING HERE.</b> Preserve manager, lower Dry Creek.
Hansen Ranch	Aimee Rutledge	492-0908	Executive Director	Sac. Valley Conservancy	PO Box 163351, Sacramento, CA 95816	
Hansen Ranch, Cub Coyle's	Teresa Haenggi	(916) 808-7554		City of Sacramento Parks	915 I St, 5th Floor Sacramento, CA 95814	
Lower Dry Creek (Hansen Ranch)	Cub Coyle	991-2815		Private Land Owner		<b>CONTACT 1 WEEK BEFORE STARTING HERE.</b> just below convergence of wet and dry channels.
Cherry Island Golf Course	Kurtis Wulfert	826-2030	Superintendent	Sac. County	Cherry Island Golf Course Sacramento CA	
Cherry Island Area	Bob Nielsen	425-0703		Private Land Owner	7440 22nd Street, Rio Linda, CA	Call before working in creek on property.
Gibson Ranch	Shannon Brown	Office (916) 875-1255 Cell (916) 869-4087	Maintenance Supervisor	Sacramento County Regional Parks		Park Maintenance Supervisor
Gibson Ranch	Bob Bastion	(916) 991-2484	Park Commissioner	Sac. Co. Regional Parks		Areas downstream of the golf course
Gibson Ranch	Lois Meidinger, Dawn Lucas	991-7592	Equestrian Center			
<b>Dry Creek Between Vernon and Riverside</b>	<b>Mike Joseph</b>	<b>Home 782-6161, Cell 539-9099</b>		<b>Private Land Owner</b>	<b>526 Sierra Blvd., Roseville CA 95678</b>	<b>Call before access!!! Needs specific dates and times of entry.</b>
Placer County	Brian Keating	(530) 889-7592		Placer Co. Flood Control		Requires activity coordination with Placer County flood control actions.
Placer County	Rene Simon	(530) 889-7372		Placer County Ag Commission		
Railroad property	Jim Deal	789-5184		Union Pacific RR		Primary Contact.

Railroad property	Brock	789-6370	Env. Manager	Union Pacific RR		Regional manager, not familiar with location or project.
Railroad property	Tom	789-5185		Union Pacific RR		Plant Manager
Railroad property	Tony Galinis	789-6355		Union Pacific RR		Herbicide Manager
<b>Roseville</b>	<b>Shana Carney</b>	<b>746-1247</b>	<b>Open Space Coordinator</b>	<b>City of Roseville</b>		<b>Get Gate Combo, Inquire about access to Joseph and Zisk properties</b>
<b>Roseville</b>	<b>Derrick Ogden</b>	<b>774-5507</b>	<b>Env. Planner</b>	<b>City of Roseville</b>		
<b>Roseville</b>	<b>Scott Miller</b>	<b>774-5242</b>		<b>City of Roseville</b>		<b>Access to City of Roseville Parks facilities</b>
Roseville in area near wastewater treatment plant	Bob Kalman	746-1802	Chief Operator	City of Roseville	1800 Booth Rd, Roseville CA	Rsvl. Sewage Trmt. Plant (Crk. Access Sht. #7). No need to call unless going on treatment plant property
<b>Roseville</b>	<b>William Boyer</b>	<b>774-5455</b>	<b>Information Officer</b>	<b>City of Roseville</b>		
Hidden Valley	Roy	871-7120	Maintenance manager	<b>Hidden Valley Homeowners Asso.</b>		First contact for access of Hidden Valley area.
Hidden Valley	Tom Bartos	791-6072	Security contact	Hidden Valley Homeowners Asso.		Security contact for Hidden Valley, use as second contact if maintenance is not available.
Hidden Valley	Gina Compana	791-4830	Board member	<b>Hidden Valley Homeowners Asso.</b>		Contact before starting work at Hidden Valley, member of board who may be familiar with project.
Upper Miner's Ravine	Bob Saunders	660-9100		Private Land Owner	9291 Miner's Crossing, Loomis, CA	APN # 036085020000, located just south of Horseshoe Bar Rd, upstream of treatment area, has locked gate if access needed. Don't need to call unless treating in area.
* Area codes are (916) unless otherwise noted						



### **A.3. Sample Request For Qualifications (to be Used to Select Contractor(s)).**

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# **SAMPLE: Request for Qualifications**

## **Weed Control Services for the Dry Creek Watershed Red Sesbania Maintenance Project**

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The Placer County Resource Conservation District (Placer RCD) seeks an experienced landscape contractor/consultant to continue treatment of the invasive weed species red sesbania (*Sesbania punicea*) from the Dry Creek Watershed in Sacramento and Placer Counties. From 2004 to 2006, 100% of the mature red sesbania plants were removed in the watershed, and seedlings and re-sprouts were treated for two years. At the end of that project in September 2006, 98% of all red sesbania had been removed from the Dry Creek Watershed. However, this species has an established seed bank in the project area, and it is anticipated that at least three (3) more years of maintenance (possibly up to 10 years of additional treatments) will be required to fully eradicate the species from the Dry Creek Watershed. This Request for Qualifications (RFQ) was prepared to solicit qualifications and cost proposals from qualified applicants to conduct follow-up maintenance of red sesbania in 2007, with a possible contract extension in 2008 and in 2009.

The overall objective of the Dry Creek Watershed Red Sesbania Maintenance Program (Maintenance Program) is the eradication of red sesbania from the Dry Creek Watershed. The goal of this RFQ is successful treatment, resulting in removal of 98-100% of the red sesbania (*Sesbania punicea*) seedlings and re-sprouts from the treatment area in 2007 and in successive years if the contract is extended. Placer RCD is undertaking this project in partnership with the Sacramento Area Flood Control District (SAFCA), Sacramento County, Placer County, the City of Sacramento, and the City of Roseville

The Project Area is defined as stream corridors within the Dry Creek Watershed, encompassing over 80 linear miles of shoreline, 40 linear miles of waterways, and approximately 101 acres of land within the Dry Creek Watershed and its tributaries (i.e. Magpie Creek and Robla Creek, in Sacramento County, and Antelope Creek, Linda Creek, Miner's Ravine, Strap Ravine, Secret Ravine, and Cirby Creek in Placer County) Figure 1. Figure 2 presents the historic distribution of red sesbania in the watershed prior to treatment from 2004-2006, indicating the anticipated locations of retreatment areas. However, the location of individual plants and small populations is likely to change over time, and the species may occur beyond these known infestations. The Selected Contractor is responsible for treatment of ALL red sesbania within the project area. The project area boundary is roughly defined as the Dry Creek watershed and its tributaries, including upland areas within 25 feet of the low flow channel of each of the creeks.

Placer RCD is seeking a contractor/consultant with extensive experience successfully controlling invasive species in wildland and riparian settings. The successful candidate must have experience working on both public and private lands. The main project elements (additional detail provided below) consist of:

- Review and comply with all environmental permits and access agreements (to be provided by Placer RCD)(Exhibit A);
- Remove all mature and immature sesbania plants before October 15<sup>th</sup> of each project year (e.g., utilizing approved treatment strategies that include, but are not limited to hand or mechanical removal, localized foliar herbicide application, or cut and paint herbicide application). Herbicide application must be conducted by, or under the DIRECT supervision of a certified herbicide applicator with a Qualified Applicator’s License (QAL), Landscaping Category. The Landscape Contractor’s herbicide applicator must also be registered in Sacramento and Placer Counties, and follow EPA guidelines for work around endangered species, label guidelines, and all applicable laws;
- Remove sesbania seedlings and resprouts prior to their producing viable seed, from the project area during the “maintenance period”;
- Provide quarterly reporting of work progress when work is occurring, including a description of work accomplished, a map showing what areas were treated during the reporting month, and financial accounting for funds expended during the reporting month; and
- Occasional attendance at Management Advisory Team (MAT) meetings, as requested by the Placer RCD Project Manager.

The successful candidate shall have:

- Extensive experience in successfully conducting large scale invasive species removal and management in riparian and wildland settings;
- Extensive experience working on both public and private lands;
- Possess a current QAL license in the “Landscape” category and have experience with, and knowledge of, laws and policies pertaining to application of herbicides near waterbodies;
- Experience conducting invasive plant removal near endangered species habitats (i.e., elderberries and waterways);
- Familiarity with riparian ecology and ecosystems of the California Central Valley;
- Proven ability to successfully complete weed removal projects on time and within budget.
- The ideal candidate would also have the capabilities to update the existing GIS database with annual mapping information about red sesbania infestation locations and densities, and the Access database with the treatment location, type of treatment, and treatment results. These capabilities, while desired, are not required.

The selected contractor/consultant must designate a Project Manager who will be dedicated to the project. The Project Manager cannot be substituted during the course of the project without approval from Placer County RCD. The designated Project Manager must have at least 5 years’ experience managing weed removal and restoration projects in natural environments and recreation areas.

**KEY ACTION DATES**

Request for Qualifications Issued	April 23, 2007
Pre-bid Site Walk /Site Inspection	May 1, 2007
Deadline for Written Questions Regarding RFQ	May 4, 2007
Technical and Cost Proposals Due 4:00 PM	May 9, 2007

Optional Technical and Cost Proposal Evaluation/Interviews (if Placer RCD chooses)	May 15, 2007
Cost Negotiation with Top Ranked Respondent	May 15-17, 2007
Contract Awarded	May 29, 2007
Contractor Begin Work	June 4, 2007
Work Year 1 ends	December 31, 2007
Work Year 2 ends	(subject to extension)*
Work Year 3 ends	(subject to extension)*
* The Placer RCD may grant a contract extension to the Contractor/Consultant if mutually desired and necessary to fully eradicate the species from the Dry Creek Watershed.	

**Project Location**

The Dry Creek watershed covers approximately 101 square miles in Placer and Sacramento Counties (as shown in Figure 1). Mapping was conducted in July 2004, and Figure 2 identifies red sesbania infestations and access. The treatment area is virtually all within 25 feet of the low flow channel. The largest infestations occur on public lands in Sacramento County. Permission to treat sesbania on private land in Placer County will be secured by Placer County RCD.

The stream channels throughout the watershed are generally well defined, but are not especially wide or deep. The upper reaches of the watershed, including Miner’s Ravine in Placer County, are characterized by relatively steep slopes, elevations up to about 1,200 feet, and moderate relief. The lower reaches, especially downstream of Roseville and the Sacramento County line, are characterized by very gentle slopes and elevations down to about 30 feet. The watershed is comprised of a variety of habitat types, including oak woodlands, riparian woodlands, waterways, grasslands and foothill chaparral. Land uses in the watershed range from rural to urban.

The headwaters of Dry Creek are located in the upper portions of the Loomis Basin, above Newcastle, in unincorporated Placer County, in the area of Granite Bay near Folsom Lake, and in Orangevale in Sacramento County. Areas draining into Antelope Creek and Clover Valley Creek form the northwest boundary of the watershed, and Secret Ravine and Miner’s Ravine comprise the northeast portion of the watershed. The numerous small tributaries of Dry Creek merge and form Dry Creek in Roseville. The main stem flows through cities and unincorporated areas north of the City of Sacramento. The creek eventually links up with Steelhead Creek (formerly the Natomas East Main Drainage Canal or NEMDC), which flows into the Sacramento River, and, during high flows, into the American River.

Final site access and staging areas where access can be obtained for control activities will be determined in consultation with the Placer RCD Project Manager.

**Red Sesbania Infestation**

Red sesbania is a vigorously growing invasive riparian plant that is native to South America. It thrives in the California Central Valley and spreads rapidly down waterways via floating pods that contain seeds that may be viable for many years. Since its initial detection in Dry Creek, red sesbania has become an aggressive and dominant species, establishing along the banks and on islands, displacing native riparian vegetation, limiting shoreline access, increasing erosion, and affecting flow patterns. In heavily-infested portions of the watershed, red sesbania often comprised more than 50% of the biomass of emergent vegetation along the shoreline and on islands prior to initiation of the control project, causing canopy closures that result in a virtual

biological "desert" underneath. Complex food webs that are maintained by a diversity of native wetland plants and aquatic habitats become simplified or excluded. Knight and Walter (2001)<sup>1</sup> report that the foliage and seeds of red sesbania are poisonous. They report that the principal toxins found in sesbania are believed to be saponins, a compound that is toxic to birds, wildlife and livestock. The green seeds are most poisonous and foliage appears to be less toxic.

### **Project Objectives**

The Placer RCD and its project partners seek to eradicate red sesbania within the Dry Creek watershed in order to:

- Improve the conveyance of floodwater downstream of the City of Roseville, Sacramento County and beyond;
- Aid the restoration of natural processes;
- Contribute to the elimination of a large regional source population of this invasive plant; and
- Contribute to the statewide effort in controlling this plant.

Given that the species spreads by water flow, the upstream sources need to be eradicated in order to adequately contain and eliminate the downstream populations. Because the seeds are viable for many years, eradication will require monitoring and follow-up treatment to avoid re-infestation of the creek by seeds remaining after the initial removal efforts.

### **Assumptions**

The following is a list of key project-related assumptions for the Landscape Contractor/Consultant in developing a Technical Proposal and Cost Proposal.

- **Project Area:** All publicly-owned and accessible (e.g., existing channel or floodway maintenance easement) areas of the Dry Creek Watershed and its tributaries including lower Dry Creek and Linda Creek in Sacramento County, and the upper reaches of Dry Creek, Miner's Ravine, Secret Ravine, Strap Ravine, Antelope Creek, Linda Creek, and Cirby Creek in Placer County as defined in Figure 1. The total treatment area is estimated to be 14 acres in the watershed. Privately owned land will be included where Placer RCD can obtain permission from landowners.
- Placer RCD will obtain necessary property access, and provide the Landscape Contractor/Consultant with a list of property owners and access information before the start of work. Placer RCD will provide assistance with notification of property owners, and will troubleshoot access problems on behalf of the Contractor. In the event that property access cannot be obtained to an individual property, Contractor will be responsible for staying off that property and will not be responsible for clearing red sesbania from that parcel.
- Placer RCD will provide GIS maps of the project area.

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<sup>1</sup> Knight A.P. and R.G Walter 2001. A Guide to Plant Poisoning of Animals of North America, Colorado State University, Teton NewMedia 367pp.

## SCOPE OF WORK

The landscape Contractor/Consultant will be responsible for developing a work plan, schedule, and budget for each Task described below within this overall budgetary allocation. Once approved, the Contractor/Consultant shall implement red sesbania removal and treatment at the direction of the Placer RCD Project Manager for the contract period. Specific project tasks include:

### **Task 1. Program Management and Coordination**

- Finalize Scope of Work, schedule, and budget for weed removal with the Placer RCD.
- Prepare and submit Quarterly work progress reports during work period, and annual progress summaries, including mapping and work progress data, anticipated work schedules, and budget reporting.
- Occasional attendance at coordination meetings.

#### **Deliverables:**

1. Final Scope of Work, Schedule, Budget, and List of Deliverables.
2. Quarterly work summaries (emailed to Placer RCD); format of report to be provided by Placer RCD.
3. Monthly invoicing/progress reporting (work progress to date, staff hours, billings to date, budget remaining- mailed to Placer RCD).
4. Attendance at MAT meetings (Assume up to 2 meetings).

### **Task 2. Treatment of Red Sesbania Seedling and Re-Sprouts**

Contractor will treat all red sesbania seedlings and sprouts repeatedly (as well as any remnant mature red sesbania if any are found), as needed to ensure removal of the species by the end of the contract as specified in Table 1, below.

Two full treatments are required each year, once in June-September after floodwaters recede and the plant leafs out, but before flowering; and a second follow up treatment(s) after the first treatment in September-October to treat any late season seedling flushes. **ALL HERBICIDE APPLICATION MUST BE COMPLETED BY OCTOBER 15<sup>TH</sup> OF EACH YEAR** in compliance with project permits and agreements. In general, seedling flushes can be foliar sprayed, “cut and paint” application of herbicide, hand pulled, or “flamed”, depending on site conditions.

The Contractor shall finalize site treatments based on individual site conditions, in consultation with the Placer RCD Project Manager. In most cases, the treated seedling biomass is small enough to be left in place; however, if the treated biomass is large (shrubs > 15 ft) or if it is found to have viable seeds present, it must be removed from the active channel or designated floodway. The Contractor should plan for a minimum of 2 complete treatments per year.

## Success Criteria

The overall objective of the Red Sesbania Long-Term Maintenance Program is the eradication of red sesbania from the Dry Creek watershed. For the selected Contractor, the following annual success criteria will be used to assess progress towards this goal (Table 1).

**Table 1. Annual Success Criteria**

<b>Year</b>	<b>Anticipated Condition at Start of Work Year</b>	<b>Success Criteria at End to Work Year</b>	<b>Overall Goal</b>
<b>Year 1 (2007)</b>	10-30% cover in lower watershed, >10% cover in upper watershed	Removal of 98% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of program
<b>Optional Year 2 (2008) (if contract extended)</b>	5-20% cover in lower watershed, >5% cover in upper watershed	Removal of 98% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of program
<b>Optional Year 3 (2009) (if contract extended)</b>	5-10% cover in lower watershed, >5% cover in upper watershed	Removal of 100% of red sesbania by October 15	Eradication of Red Sesbania, 0% remaining in treatment area at end of program

## **INSTRUCTIONS FOR SUBMISSION OF QUALIFICATIONS AND COST PROPOSALS**

Each Landscape Contractor/Consultant shall submit five (5) copies of the Statement of Qualifications and one (1) Cost Proposal (in a separate sealed envelope). Proposals should provide a straightforward, concise delineation of capabilities to satisfy the requirements of this RFQ.

### **Deliver Submittals to:**

Rich Gresham, Manager  
Placer County Resource Conservation District  
251 Auburn Ravine Rd Ste 107  
Auburn, CA 95603-3719

**Proposal Deadline: May 9, 2007 at Noon**

### **QUALIFICATIONS**

Please provide the following:

- A cover letter signed on behalf of the RFQ respondent;
- Five (5) copies of the Statement of Qualifications (including Approach, Qualifications, and Personnel and Logistics (see below));
- One (1) copy of the Cost Estimate in a separate sealed envelope; and
- Proof of required licensing and insurance.

#### **1. Brief Project Approach (recommended not to exceed 1 page)**

Provide an overall description of how you intend to undertake the described responsibilities and provide the desired services. Describe how you would coordinate and schedule activities in coordination with the Placer RCD Project Manager to ensure work is accomplished on time and within budget. Provide a proposed project schedule with key deliverables and milestones.

#### **2. Firm Qualifications (recommended not to exceed 2 pages)**

Provide a summary of relevant qualifications and previous experience conducting invasive plant removal projects in wildland and riparian settings, and on public and private lands. Include a discussion of demonstrated experience with similar projects; herbicide use near waterways and endangered species; biomass treatments; and site restoration. Provide relevant examples of similar work, including control and removal of red sesbania or other riparian floodplain invasive plants, and compliance with required schedules, budgets, monitoring, reporting, billing, and documentation for grant-funded projects.

In addition, please provide a list and a brief summary of similar types of projects and/or contracts successfully concluded, including names and current phone numbers of previous clients/employers for whom such projects were implemented.

#### **3. Personnel and Logistics (recommended not to exceed 1 page)**

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Dry Creek Watershed Red Sesbania Long Term Management and Maintenance Program

Describe qualifications of key personnel and supporting staff. Provide a statement committing the key and supporting personnel to the proposed project for the period specified in the Approach. List the amount of time to be expended and the number and type of personnel to be employed. If subcontractors/consultants are to be used, provide a description of the firms and key staff, their relative labor effort, and their proportion of the overall cost expressed as percentages.

## **COST PROPOSAL**

In a separate sealed envelope marked "COST ESTIMATE", please provide one (1) copy of the following:

- Your Firm's Standard Billing Rates, including hourly rates for each staff person or staff category assigned to the project. The Standard Billing rates should include any direct costs and mark up rates anticipated under the contract and should meet State of California Prevailing Wage requirements.
- A Cost Estimate describing total costs as well as the breakdown of per acre costs for each Task within the overall budget allocation (i.e. plant removal & disposal year 1, optional tasks for removal of re-sprouts & disposal year 2 & 3, herbicide application by phase.). The Cost Estimate should include staff hours, direct costs, and any mark-ups.

This is a Qualifications-based Request for Proposal. Therefore, information in the Cost Estimate will be used during negotiations with the selected candidate. When the selection process is complete, the successful candidate will then negotiate the final scope and cost estimate with Placer RCD based on the information provided in the Cost Estimate.

In the case where Placer RCD and the selected consultant cannot come to mutual agreement on cost, Placer RCD reserves the right to negotiate with the next-ranked candidate, until a mutually agreed upon scope and cost are complete.

## **EVALUATION OF QUALIFICATIONS/INTERVIEW**

Each response package will be dated and time marked as it is received and verified that it is properly sealed. Responses will remain sealed until after the due date. Placer RCD will evaluate and rank each qualifications package in accordance with the evaluation criteria and scoring in the form provided later in this RFQ. Responsiveness is comprised of meeting the technical and administrative requirements, meeting the due date, and conforming to the requirements of this RFQ.

Placer RCD may elect to conduct interviews with the top three (3) ranked respondents. Once interviews are complete, Placer RCD will select the top ranked firm and work with the selected consultant to develop a final scope of work and project cost.

Interviews, if they are conducted, will be conducted on the date specified on page 3 of this RFQ.

Placer RCD reserves the right at any time to reject any or all proposals.

**Contact Person**

Please direct questions in writing via e-mail to Rich Gresham, Placer RCD Manager, at [richgresham@sbcglobal.net](mailto:richgresham@sbcglobal.net) by the date specified in the table on page 3.

## **Insurance Requirements**

Provide a summary of the firm's insurance coverage, including general public liability, automobile, workers' compensation, professional liability and environmental (pollution including pesticide and herbicide application).

## **License Requirements**

Herbicide application must be conducted by, or under the direct supervision of a certified herbicide applicator with a Qualified Applicator's License (QAL), Landscaping Category.

The Landscape Contractor's herbicide applicator must also be registered in Sacramento and Placer Counties, and follow EPA guidelines for work around endangered species, label guidelines, and all applicable laws.

## **Permit Requirements**

Encroachment permits will be required from the County of Sacramento, the City of Roseville, City of Sacramento, and the County of Placer; Placer RCD and its partners will assist the Contractor with obtaining these permits prior to the start of work.

The successful Contractor also hereby agrees to abide by the requirements specified in the attached permits and agreements. In particular, the Contractor shall co-sign the Department of Fish and Game's 1602 Streambed Alteration Agreement prior to the start of work.

This Agreement requires that work in Miner's Ravine and Secret Ravine shall be restricted to low stream flow and dry weather, and work in these two creeks shall be confined to the period of April 15 to October 15<sup>th</sup>. Refer to Page one of the Streambed Alteration Agreement section entitled "Stream Zone Defined", item 1 for the permit requirements.

QUALIFICATIONS EVALUATION

**Weed Removal Services for the Dry Creek Red Sesbania Maintenance Project**

Name of RFQ respondent: \_\_\_\_\_

<b>Category</b>	<i>Score</i>
<b>I. General Quality of Qualifications Package (10 points)</b>	
Contains all required elements/attachments/signatures (5)	
Demonstrates clear understanding of project objectives (5)	
<i>Subtotal</i>	
<b>II. Qualifications and Experience (40 points)</b>	
Applicant demonstrates technical knowledge and experience with:	
Demonstrated experience and ability to successfully complete invasive plant removal projects in Central Valley riparian habitats (5 yrs experience requested)(20)	
Experience conducting herbicide application near sensitive wetland areas and endangered species habitats. Knowledge of laws and policies pertaining to herbicide application near sensitive areas (20)	
<b>III. Cost Proposal</b>	
Low cost. Contains all required costing materials to allow for cost and scoping negotiations once a candidate is selected (50 points)	
<b>IV Other (10 points)</b>	
Familiarity with GPS, GIS databases, ability to transmit field data in electronic format, ability to provide reporting and accounting requirements of grant funded project (5)	
Proven ability to work with a multiple-partner advisory committee, subcontractors, and community groups (5)	
Subtotal (110 Total Points Possible)	
<b>Total Score</b>	

**Attached:**

- **CEQA Notice of Exemption**
- **California Department of Fish and Game Agreement Regarding Proposed Stream Alteration**

**Access agreements or encroachment permits are to be acquired prior to the start of work from:**

- **County of Sacramento**
- **County of Placer**
- **City of Sacramento**
- **City of Roseville**

## A.4 SAMPLE LETTER TO RESIDENTS

DATE

Dear Creekside Resident:

Re: Dry Creek Watershed Red Sesbania Control and Maintenance Project

On behalf of the Placer County Resource Conservation District (Placer County RCD) I want to notify you that we will soon be conducting necessary ongoing maintenance and control of red sesbania (*Sesbania punicea*), a shrubby invasive tree in your area. This program is being conducted through a partnership between the Placer County RCD, SAFCA, Sacramento County, Placer County, and the Cities of Sacramento and Roseville, in an effort to reduce the potential for flooding in Dry Creek and to improve wildlife habitat in the watershed. Our goal is to map, remove and control, and increase the public's awareness of the red sesbania problem.

From 2004 to 2006, we have been mapping, removing, and controlling red sesbania plants within the entire Dry Creek watershed, consisting of along the entire length of Dry Creek and its tributaries. This year, we will be conducting follow-up treatments of new red sesbania seedlings and re-sprouting stumps to prevent the plant from re-colonizing the creek. Treatment of seedlings and re-sprouting stumps will generally be conducted by small work crews of 1 to 2 people, and will occur once or twice between approximately June and October. Most of the access necessary to reach the plant populations will be done through public lands.

Creekside residents with large numbers of red sesbania plants infesting their property will be contacted directly to coordinate work efforts. If site access is needed, we will arrange access from individual residents. Work events will be scheduled so as not to cause any unnecessary disturbance to residents.

One of our goals is to provide opportunities for community volunteers to help protect and improve their local creek and watershed. If you are interested in becoming involved in red sesbania removal and would like to volunteer at a work group event, adopt a portion of the creek, or if you are interested in alternative planting along the creek, please contact me at (530) 885-3046 extension 118.

We are excited to continue this effort with you. Please contact us if you have any questions or concerns regarding this project. Thank you for your attention and consideration.

Sincerely,

Rich Gresham  
**Manager**

## A-5 SAMPLE LETTER OF INTRODUCTION

DATE

To Whom it May Concern:

Re: Dry Creek Watershed Red Sesbania Control and Maintenance Project

On behalf of the Placer County Resource Conservation District (Placer County RCD) I want to notify you that we will soon be conducting necessary ongoing maintenance and control of an invasive shrubby tree in your area called red sesbania (*Sesbania punicea*).

This program is being conducted through a partnership between Placer County RCD, Sacramento Area Flood Control Agency, Sacramento County, Placer County, and the Cities of Sacramento and Roseville, in an effort to reduce the potential for flooding in Dry Creek and to improve wildlife habitat in the watershed. The maintenance phase of this project is a continuation of the three year red sesbania control program that was funded by a Proposition 13 grant (2003) from the California Department of Water Resources. During the maintenance phase, we will be monitoring, and removing any remaining red sesbania seedlings within the treatment area.

You may see Placer County RCD staff, or XXXXX (our Weed Removal Contractor), in the Creek this year removing this plant along Dry Creek and its tributaries.

The following staff are authorized to conduct this work in the Dry Creek Watershed for Placer County RCD:

**Placer County RCD**

Name, Title, Cell #  
Name, Title, Cell #

**Contractor**

Name, Title, Cell #  
Name, Title, Cell #

We appreciate your cooperation on this project. Please contact us if you have any questions or concerns regarding this project. Thank you for your attention and consideration.

Yours very truly,

## APPENDIX B PROJECT MAPS

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**APPENDIX C. SITE PHOTOS (2004-2006) AND MAP OF  
PERMANENT PHOTODOCUMENTATION PHOTO POINTS**

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