



May 14, 2010

Ms. Anna Aljabiry  
Department of Water Resources  
901 P St., Second Floor  
Sacramento, CA 95814

**Subject: Coachella Valley Integrated Regional Water Management Program,  
Disadvantaged Community (DAC) Outreach Demonstration Project**

Dear Anna:

On behalf of the Coachella Valley Regional Water Management Group (CVRWMG), we are pleased to present this Disadvantaged Community (DAC) Outreach Demonstration Project proposal.

The CVRWMG is a partnership composed of the five Coachella Valley water purveyors: Coachella Water Authority, Coachella Valley Water District, Desert Water Agency, Indio Water Authority, and Mission Springs Water District. The five partners signed an MOU in September 2008 for the purposes of coordinating water resources planning activities and developing an Integrated Regional Water Management (IRWM) Plan. In April 2009, the CVRWMG submitted an application for Region Acceptance to the Department of Water Resources (DWR) in accordance with DWR guidelines, and was accepted as a region in late 2009. The CVRWMG has recently selected a consulting team who will advance the preparation of our IRWM Plan in conformance with the Proposition 84 IRWM Grant Program Guidelines as they are approved.

The CVRWMG understands the critical role that outreach to DAC stakeholders plays in the successful integration of the region's needs for water and water-related infrastructure. The CVRWMG understands that DWR has unallocated funds available to support demonstration projects specifically developed for DAC outreach. Dating from early 2007, the Coachella Valley IRWM region began planning for outreach to the DAC groups. The nature of our region, with warm dry winters and broad income spectrum, provides particular challenges in identifying and developing programs for DACs. However, from our preliminary work with DAC leaders and representatives from the water agencies, we have identified some specific efforts and general outreach that we believe will provide an excellent demonstration project and integrate these efforts into the IRWM planning that is now underway. We also believe this information will be useful to IRWM groups around the State that are beginning to work with their individual DAC groups.

The attached scope of work describes the CVRWMG's goals, approach, and mechanisms to be utilized in the formation of a DAC Outreach Demonstration Project.

Sincerely,

**Coachella Valley Regional Water Management Group**



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Steve Robbins  
Coachella Valley Water District



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Gary Lewis  
Indio Water Authority



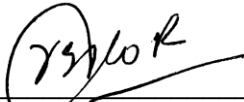
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Arden Wallum  
Mission Springs Water District



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Dave Luker  
Desert Water Agency



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Paul Toor  
Coachella Water Authority

# **Coachella Valley Integrated Regional Water Management Program**

## **Disadvantaged Community (DAC) Outreach Demonstration Project**

### **Summary**

The purpose of the DAC Outreach Demonstration Project is to organize DAC communities in the Coachella Valley to ensure their water-related needs and priorities are represented in funding decisions made in the Valley. Through this Demonstration Project, the CVRWWMG will identify specific DAC groups, seek their participation in the IRWM program, assess their water-related needs, and incorporate their proposed projects into the IRWM Plan. The results of and lessons learned from this Demonstration Project will be used by DWR to generate a DAC Outreach Model that can be used by IRWM programs throughout the State.

The DACs to be identified through this Demonstration Project are located within the Coachella Valley IRWM Region boundaries identified through DWR's Region Acceptance Process. The key water-related issues identified to date for Coachella Valley DACs include: the need for septic conversion to municipal sewer system; provision of quality groundwater supply supporting basic quality of life and health and safety needs; and conservation of water resources, including stormwater, to minimize reliance on imported water and keep water rates affordable. This DAC Outreach Demonstration Project will seek to clarify these needs and identify solutions that can be implemented through the IRWM program.

### **Approach, Goals, and Objectives**

#### ***Outreach Approach***

The CVRWWMG seeks to establish stakeholder participation and outreach processes that will achieve a collaborative, multi-stakeholder result, so that regional solutions address concerns of DACs, the environmental community, and other key stakeholders. The following are some of the processes the CVRWWMG will employ to promote collaboration with DAC stakeholders:

- DAC stakeholders will participate in identifying regional water issues and then are free to participate in more focused Issue Groups, according to their interests. Groups will meet as frequently as necessary to reach consensus.
- Within each Issue Group, diverse and divergent views will be heard as the Group frames and articulates issues. DACs will have the ability to participate in multiple issue groups as they see necessary.
- A representative from each Issue Group will participate in the Coachella Valley Advisory Committee (CVAC) to consider and scope the final issues that will generate the goals and objectives of the IRWM Plan.
- DAC stakeholders will be respected and their values and opinions will count, and all information will be shared in an open and transparent manner with the goal of building trust among stakeholders.

The outreach approach will encourage information sharing, and project solicitation in a transparent decision making atmosphere.

This DAC Outreach Demonstration Project will expand the IRWM level work to include specific outreach efforts detailed in this scope of work oriented to DAC groups.

### ***Goals and Objectives***

The Coachella Valley IRWM program has many options for ensuring that DAC stakeholders are identified and provided the opportunity to participate. No structures are in place that would create a barrier to participation; therefore, nothing has to be deconstructed and each procedure, process, or structure that is put in place can be evaluated for its effectiveness at being inclusive and providing transparency.

A goal of the CVRWGM is to develop a process for stakeholder participation rooted in broad-based community input through key processes:

- DAC stakeholders focused on a variety of water resource issues are invited to participate, as evidenced by the broad reach of initial DAC Stakeholder List (see Attachment A).
- DAC stakeholders are drawn from outside the water community, to include environmental, recreational, development, and land use representatives.
- DAC stakeholders have wide regional distribution in their geographic reach.

The purpose of the DAC Outreach Demonstration Project is to organize DAC communities in the Coachella Valley to ensure their water related needs and priorities are represented in funding decisions made in the Valley. Project objectives include:

- Organizing and convening a group of DAC representatives;
- Educating the group on the purpose of the IRWM program and potential funding opportunities available for water resources projects;
- Learning about, aggregating, and highlighting the water-related needs of the DAC groups;
- Identifying integrated projects that address those water-related needs;
- Sharing successes and gaining efficiencies and economies of scale in projects that serve these communities;
- Assisting DACs in preparing project feasibility analysis, conceptual plans, and cost estimates; and
- Ensuring communication and collaboration among all parties in the region.

### **Task 1. DAC Outreach Plan**

The CVRWGM will prepare a DAC Outreach Plan identifying a proposed methodology and approach to ensure dissemination of information associated with the IRWM program to DACs. The DAC Outreach Plan will compliment the broader Public Outreach and Communications Plan developed for the IRWM program and will incorporate the proposed structure and function of the CVAC and Issues Groups. Expanded outreach with additional meetings and workshops targeted to areas and issues relevant to DACs will be planned and developed in the DAC Outreach Plan, as necessary to implement the IRWM work plan.

#### **Deliverables:**

- Draft and final DAC Outreach Plan (electronic)

## **Task 2. Outreach Activities**

In order for the DAC community to be successful in participation in the CVIRWM program, several areas of effort are needed. Without these efforts, the overall IRWM program may not have coherent representation of DAC needs nor sufficient participation of DACs in the entire IRWM process. Further, the IRWM process Statewide will benefit from some of the partnerships built here and the best practices documented in these efforts.

The following five sections summarize efforts needed to develop and expand an effective IRWM DAC representation in the Coachella Valley.

### ***2.1 DAC Outreach Contact List***

Initial DAC outreach efforts have involved over 25 groups, agencies, and departments (see Attachment A). This DAC Community Planning Group is made up of the entities that are working on DAC projects or representing DAC needs throughout the Coachella Valley.

While the effort to establish the DAC Community Planning Group identified many participants, there is a need to conduct outreach, identify, and contact other DAC efforts in the region. The scope of these efforts would allow the DAC Community Planning Group to contact Riverside County and other regional groups that work with DACs and EJ representatives, and systematically identify the universe of groups that should be involved and which may have needs related to IRWM areas. This effort will consist of outreach with various entities and development of a DAC outreach database by mailing, emailing, calling, or visiting communities identified to build basic information. This information will include an inventory of groups, members, individuals, and agencies involved in DAC and EJ issues. Working with city, county, and tribal governments will allow the appropriate departments (public health, education, law enforcement, and others) to help identify DAC issues. Reaching out to all agencies and local governments within the region demonstrates true integration and allows the leveraging of resources on an inter-agency basis. DAC priorities are likely to especially benefit from such focus. The issues that are water-related will be developed with direct input from the DAC community members and leaders.

This effort will be accomplished by coordinating/subcontracting with existing groups and non-profit organizations that are working directly with DACs. In the 2008 DAC effort, the Desert Alliance for Community Empowerment, Desert Edge Community Council, Natural Science Collaborative of the Desert Region, and Torres-Martinez Tribe were conceptually willing to accept funding to assist in these areas; we now understand Pueblo Unido and Poder Popular may also be interested in assisting. Immediately after grant award notice, a meeting with these and other DAC groups will be initiated to complete the scoping and boundaries of the studies. This information will be finalized in the DAC Outreach Plan from Task 1.

### ***2.2 DAC Community Planning Group/Issue Group***

The DAC Community Planning Group will represent one of the Issue Groups that contributes to the CVAC. This Issue Group will frame and articulate the issues facing DAC communities in the Coachella Valley. This Issue Group will remain engaged during the full IRWM planning process and will contribute to all key planning milestones. A high-quality IRWM Plan will include DAC projects that reflect their priorities as determined by communities themselves. Other indicators of disadvantaged status may also be used in setting priorities.

The Issue Group will meet as frequently as necessary to reach consensus. This scope of work assumes the DAC Community Planning Group will meet monthly through the 18-month

demonstration project timeframe. Meetings will be held at locations and at times that are convenient for DAC representatives to attend.

### **2.3 DAC Workshops**

Special DAC workshops will be included in the IRWM planning process. To ensure that workshops are productive and that DAC stakeholders are respected, an experienced facilitator will conduct all workshops. Workshop times and locations will be chosen to accommodate the needs of DACs. At least five (5) DAC workshops, each with a specific purpose, will be conducted at key milestones in the process:

- 1 Introduction, description of CVIRWM region, and open discussion of water resource issues and challenges
- 2 Definition of mission and water management objectives
- 3 Solicitation of integrated projects
- 4 Presentation and ranking of regional projects and alternatives
- 5 Presentation of draft IRWM Plan

Careful attention will be paid to DAC issues in the development of regional goals and objectives for the IRWM Plan. Examples of these issues may include location, projected impacts, and benefits of projects.

The DAC Community Planning Group will advise the CVRWWMG on planning for these DAC workshops, including location and timing of the meetings, topics for discussion, presentation style, and other relevant input.

### **2.4 Outreach Mechanisms**

Data management and information outreach processes will be developed and maintained to manage and distribute data to all DAC stakeholders, including planning schedules, agendas, and meeting notes. In development of this process, consideration will be given to DACs who may not have computer access, or may not be English speaking. Examples of tools that may be utilized include:

- Coachella Valley IRWMP website, including website calendar of events;
- Notices at community centers, churches, and other community gathering sites;
- Multilingual press releases;
- Multilingual mailers and newsletters; and
- Email lists and mailing lists.

Outreach materials and efforts will be based on the DAC Outreach Plan and will include outreach to cities and other groups to identify DAC issues in areas that may not be mapped by the traditional MHI information. The DAC Outreach Plan will include efforts and activities that will continue after the scope of this funding and will be part of the Coachella Valley IRWMP.

### **2.5 Coordination with Community Leaders**

The CVRWWMG will also conduct targeted outreach to the DACs and EJ groups within the Coachella Valley, to understand and focus their water management related issues and needs. We will prepare for and facilitate twelve meetings with DAC/EJ leaders, including tribal leaders if they are DACs, targeted at identifying and documenting the major issues and priorities of those communities.

Initial meetings will be focused on informing any groups that were not involved in the earlier efforts and bringing all groups up to speed on recent activities and opportunities. Meetings following these will expand the methods of outreach in the communities, parallel the development of the IRWM Plan tailored to these groups that may not be able to attend or participate in the broader CVAC or DAC Community Planning Group meetings or which have special needs. The CVRWGMG will seek to identify the common and individual needs of each community that can be met through IRWM planning efforts.

**Deliverables:**

- DAC outreach email and mailing lists
- 18 DAC Community Planning Group/Issue Group meetings, including agendas, presentations, handouts, and meeting notes
- 5 public workshops targeted for the DAC outreach email and mailing lists, including meeting agendas and handouts, presentations, coordination of speakers/presenters, and meeting notes
- Website content, calendar, press releases, newsletters, mailers, and other outreach materials necessary to engage DAC stakeholders
- 12 DAC/EJ outreach meetings, including meeting agendas and handouts, presentations, and meeting notes
- Matrix summarizing the meetings, key findings, and action items, as well as any DAC areas not included or engaged in the IRWM program, to DWR representative
- 2 meetings with DWR representative to discuss DAC Outreach findings, including meeting agendas and notes

### **Task 3. DAC Focused Characterization**

The following subtasks address characterization and mapping of the DAC communities to help inform the issue identification and resolution process.

#### ***3.1 DAC Community Mapping***

The basis of the DAC characterization in most IRWM Plans is U.S. Census maps on income level. The State of California defines a DAC as a community with an annual MHI that is less than 80% of the Statewide MHI. Using the 2006-2008 American Community Survey, 80% of the statewide annual MHI is \$48,923<sup>1</sup>. Using these standards, four of the nine cities in the Coachella Valley IRWM Region would qualify as DACs: Cathedral City, Coachella, Desert Hot Springs, and Palm Springs. Additional DAC mapping and characterization will be completed as part of the Demonstration Project to ensure that smaller pockets of DACs in other areas (such as Thermal, Mecca, and Oasis) are identified and engaged.

While U.S. Census data is a reasonable approximation of DAC communities, it does not contain the information needed at a level to ensure projects identified and completed in the IRWM program will help the most needed communities. The representatives involved with the preliminary DAC Community Planning Group were able to identify numerous reasons that the Census-based mapping would not result in quality identification of DACs. Based on the information gathered and from specific GIS based analysis, seasonal and year-round DACs will

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<sup>1</sup> U.S. Census Bureau, 2006-2008 American Community Survey. American FactFinder: California. [http://factfinder.census.gov/home/saff/main.html?\\_lang=en](http://factfinder.census.gov/home/saff/main.html?_lang=en)

be surveyed to identify and characterize the DAC population in five categories (seasonal, agricultural, service and construction, retired, and urban combination) to fully understand the needs of the DAC/EJ communities.

This effort will be undertaken concurrently with other tasks to account for completion of the seasonal and other components of the Coachella Valley populations. This effort will employ DACs and other local representatives to assist with the identification, enumeration, and need characterizations. In the initial DAC effort, the Desert Alliance for Community Empowerment, Desert Edge Community Council, Natural Science Collaborative of the Desert Region, and Torres-Martinez Tribe were conceptually willing to accept funding to assist in these areas; we now understand Pueblo Unido and Poder Popular may also be interested in assisting. Immediately after the award notice, a meeting with these and other DAC groups will be initiated to complete the scoping and boundaries of the studies. This information will be finalized in the DAC Outreach Plan from Task 1.

### ***3.2 Flood Control Mapping In DAC Areas***

A unique health and safety issue identified by the preliminary DAC Community Planning Group was flood control needs that specifically affect DACs. This task includes mapping and overlays that identify areas of local flooding, current flood control efforts, and planned projects that intersect with DACs. This will allow flood control officials to prioritize projects that will benefit DACs. This task will also identify areas where DACs have flood mapping which are not current and impact safety and impair basic public services. This information will be incorporated into the DAC IRWM Plan Element and may assist the region in qualification for Proposition 1E stormwater/flood management funding.

The work will be accomplished by coordinating the several flood control agencies and utilizing consultant support to prepare and develop these maps and project descriptions.

#### **Deliverables:**

- Detailed DAC characterization and mapping for five categories
- Identify local flooding, flood control efforts, and planned projects in DAC areas
- Summary of DAC Characterization findings to DWR representative

### **Task 4. DAC Project Development**

A preliminary list of priorities and projects were developed through a series of facilitated meetings in 2007 and refined in spring 2008 by over 50 participants representing agencies, DACs, and the region's communities. DAC issues in the Coachella Valley include basic water and wastewater service in areas underserved by existing efforts or utilities including city, county and tribal lands. Notes documenting these meetings are available upon request.

The following priority needs were identified as critical to engaging solutions for the DACs in Coachella Valley:

- Septic conversion to combined/advanced treatment or sewer, focus low income and significant DAC communities in both urban and rural areas
- Basic provision of quality water supply and wastewater service supporting basic quality of life and health and safety needs to support related services and facilities
- Conservation of water resources including storm water to minimize reliance on imported water (may include rate assessment/assistance, leak testing and repair)



- Community characterization and accurate “count” issues
- Flood plain and alluvial fan mapping and planning to identify storm water management facilities in DAC areas for funding
- Water reuse and recycling and technology for DAC areas
- Policy coordination with cities, tribes, county, water agency to ensure effectiveness
- Affordable housing, community and economic development

The list above was developed as a consensus list with members and representatives of the DAC and underserved communities themselves, as well as the Riverside County, cities, and special districts that serve the areas or areas nearby (see Attachment A). No less than three group meetings and emailed revisions were circulated until there was unanimous consensus on the order of the top three priorities and the need for all those lower on the list.

#### ***4.1 DAC Project Identification***

Using the outreach tools, mechanisms, and workshops outlined in Task 3, the CVRWGMG will facilitate the identification of projects that address the critical water supply and water quality needs of DACs. A list of preliminary project concepts was developed during the preliminary DAC effort (see Attachment C) and will be refined and expanded in collaboration with the DAC Community Planning Group.

This task will specifically aggregate and collect these needs where possible into a list of projects for the IRWM Plan. The regional objectives and priorities developed by the larger IRWM Plan effort will form the basis of inquiry, but will not limit the needs cataloged. Any needs that are immediate and which are not water-related will attempt to be referred to the county, cities, or other partners for assistance.

The list of needs and projects will be collected and aggregated into programs or projects where possible. These programs and projects will be characterized like other IRWM projects and will be assembled into a DAC IRWM Plan Element (see Task 5).

#### ***4.2 DAC Project Planning and Engineering Support***

Based on DWR’s IRWM Grant Program Guidelines and IRWM project prioritization process developed by the CVRWGMG and CVAC, a refined list of priority DAC projects will be identified. The CVRWGMG will work with those project sponsors to develop project scopes, budgets, and cost estimates to help ensure the DAC projects can be included in the IRWM Plan. This project development task includes planning and engineering services to achieve conceptual-level drawings, schematics, and cost estimates for up to 6 projects necessary to meet critical DAC needs. This effort will provide complete project information, but will not include CEQA or permitting efforts.

#### **Deliverables:**

- List of DAC-focused projects and programs for the IRWM Plan
- Detailed project information (including conceptual level drawings, schematics, and cost estimates) for up to 6 DAC projects
- Summary of DAC Project Development findings to DWR representative

## **Task 5. DAC IRWM Plan Element Preparation**

The goal of the DAC IRWM Plan Element is to provide information on the DAC special communities in the region and their needs and priorities in the framework of the IRWM Plan. This element will be designed to characterize DAC needs and become integrated into the Coachella Valley IRWM Plan. This element will be designed to address DAC needs and will build on the projects identified in the IRWM Plan where possible. We will use the Roundtable of Region's Guidelines for Incorporating DACs into IRWM Planning (August 2008) as a guide for the element.

A preliminary draft DAC IRWM Plan Element will be prepared in accordance with the CVRWWMG's IRWM Plan development schedule (estimated December 2010). Two review cycles will be completed with the DAC Community Planning Group and CVRWWMG prior to public release.

A subsequent draft DAC IRWM Plan Element will be prepared upon completion of the DAC Outreach Demonstration Project (estimated December 2011), as needed to update information contained in the adopted IRWM Plan. This subsequent draft Element will be recommended to the CVRWWMG governing bodies as an IRWM Plan Addendum. Two review cycles will be completed with the DAC Community Planning Group and CVRWWMG prior to public release.

### **Deliverables:**

- Preliminary draft and final DAC IRWM Plan Element, for incorporation into adopted IRWM Plan (electronic)
- Subsequent draft and final DAC IRWM Plan Element, for IRWM Plan Addendum (electronic)

## **Task 6. Participation in Regional IRWM Effort**

Working with the DAC Community Planning Group, the CVRWWMG will develop a list of challenges that have historically prevented DAC involvement in programs such as the IRWM effort (e.g., travel and time expenses, language barrier, social barrier, daycare needs, etc). Those challenges must be identified, documented, and solutions developed to facilitate DAC involvement. The CVRWWMG and DAC Community Planning Group will document potential solutions that are within the CVRWWMG's ability to affect, focusing on the outreach techniques that would be incorporated into the DAC Outreach Plan in Task 1. The CVRWWMG will implement the solutions it has control over to encourage ongoing participation by DAC groups and representatives.

This task will provide direct support and assistance to DAC groups and representatives to participate with the regional IRWM efforts as needed. In the initial DAC effort, the Desert Alliance for Community Empowerment, Desert Edge Community Council, Natural Science Collaborative of the Desert Region, and Torres-Martinez Tribe were conceptually willing to accept funding to have more active participation in a larger IRWM planning effort; we now understand Pueblo Unido and Poder Popular may also be interested in participating. Working with the CVRWWMG and immediately after the award notice, a meeting with these and other DAC groups will be initiated to determine participation and funding. This information will be finalized in the DAC Outreach Plan from Task 1.

The purpose of this effort to ensure the DAC participants can participate in a meaningful manner in all IRWM activities. These efforts will allow DAC representatives to coordinate and involve DAC groups in their areas. The needs of each DAC will be different, as will the forms of direct support, technical assistance, materials, and information provided in the process.

**Deliverables:**

- Draft and final list of DAC participation challenges and solutions, incorporated into DAC Outreach Plan (Task 1)

**Task 7. DAC Outreach Demonstration Project White Paper**

This task will include development of a White Paper on the DAC Outreach Demonstration Project for use by DWR and other IRWM regions throughout the State in identifying and implementing successful DAC outreach strategies. The report will include discussion of the following issues:

- Task summary
- DAC Outreach Plan and integration with IRWM stakeholder outreach
- DAC IRWM Plan Element purpose and contents
- Outreach challenges and successes
- Lessons learned and recommendations
- Sustainability of DAC outreach effort beyond demonstration project
- Program evaluation and implications to State IRWM program/other IRWM regions
- Project management and reporting

The CVRWMG will prepare an administrative draft White Paper for internal review, a draft White Paper for DWR review, and a final White Paper for public distribution.

This task will also include overall project management activities, including preparation of quarterly reports and invoices for submittal to DWR.

**Deliverables:**

- Administrative draft, draft, and final White Paper (electronic)

**Cost Estimate**

The overall budget for the Scope of Work described above is \$500,000. A detailed cost estimated is included as Attachment B.

**Schedule**

The overall schedule of tasks will cover the period of approximately 18 months. Most activities will be completed in the first 12-14 months. A schedule and timeline is shown in Attachment D.

## **Attachment A: Preliminary DAC Stakeholder List**

### **Preliminary DAC Planning Group List, 2008**

*Note: Stakeholder List to be Updated in Task 2-1.*

#### **No. Organization**

- 1 California Department of Water Resources
- 2 Coachella Valley Association of Governments
- 3 City of Cathedral City
- 4 Building Industry Assn. of Southern California
- 5 Coachella Valley Water District
- 6 Indio Water Authority
- 7 City of Coachella
- 8 Bureau of Indian Affairs
- 9 Salton Sea Authority
- 10 Desert Alliance for Community Empowerment
- 11 City of Desert Hot Springs
- 12 Pipes Canyon/Wildlands Conservancy
- 13 San Geronio Pass Water Agency
- 14 Mojave Water Authority
- 15 County of Riverside
- 16 City of Rancho Mirage
- 17 Desert Edge Community Council
- 18 Kayepability Consulting
- 19 Cabazon Band of Mission Indians
- 20 Colorado River Basin Region Water Quality Control Board Water Board
- 21 City of Palm Desert
- 22 Desert Water Agency
- 23 City of Indio
- 24 Cabazon Water District
- 25 Mission Springs Water District
- 26 Big Morongo Canyon Preserve
- 27 Torres-Martinez Tribe
- 28 Valley Sanitary District
- 29 Natural Science Collaborative of the Desert Region

# Attachment B: Cost Estimate

## **Attachment C: Preliminary List of DAC Implementation Projects**

During preliminary work with DAC groups, several implementation projects were identified that would focus positive benefits to DAC communities. This summary includes grant amounts exclusive of match or other funding sources. Each of these efforts has multiple partners and benefits, but the primary beneficiary is the DAC itself and fulfillment of the highest priority goals. Once the list of priority DAC projects is finalized, those projects will be incorporated into the IRWM Plan and considered for future grant applications submitted by the Coachella Valley IRWM Region. Once any of the listed projects is selected from the IRWM Plan for implementation and receipt of grant funding, the group will discuss venues to sustain operations and maintenance costs.

**Bacterial Indicators TMDL**—By implementing projects to eliminate sources of dry weather runoff improvements are made to water quality used by specific DACs who do not have access to other water supplies. These biological impacts come from a variety of potential sources including recreational and domestic use by DAC's, Program match request \$125,000.

**Integrated Resource Development and Protection Project**—Septic to sewer conversion that provides alternatives to failing septic tanks and generates additional effluent treatment to tertiary and recycling and to protect groundwater supplies. This funding would be matched with Army Corps of Engineers; \$180,000 is needed to move forward on the project. The entire area served by this project qualifies as a DAC and would improve sewer service to over 1800 families.

**Verbena Channel Flood Control improvement**— Addresses safety and flood control issues for the DACs in the lower Desert Hot Springs area (in the county 5 year plan, opportunity for multiuse project). Match request \$1.5 Million.

**Water related Health and Safety improvement Riverside County**—This project would work with existing groups to provide improvements to water and sewer systems as the County closes hazardous housing areas. Program implementation request \$160,000. These funds will be matched from County and other sources.

**Integrated Regional Groundwater Quality Protection Project**—Septic to sewer conversion that complies with a state mandate to eliminate septic tanks, generate recycled water, reduce dependence on imported water, and protect regional groundwater supplies. Federal funding and a community assessment district will be used as matching funds; \$300,000 is needed to move forward on this \$15 million project. The entire area served by this project qualifies as a DAC and would improve sewer service to over 1,000 families.

**Eagle Canyon Dam Integrated Flood Control and Regional Watershed Project**— Addresses safety, flood control and economic development issues for the DACs in Cathedral City, Palm Springs, Riverside County and Tribal lands. This is the priority project for Riverside County Flood Control and Water Conservation District - Zone 6. Federal funding through the Army Corps of Engineers and in-kind participation from collaborating agencies will be used as matching funds; \$400,000 is needed to move forward on this \$26 million project.

**DAC Conservation and Water Testing Pilot project**—DACs frequently pay significant costs for water that is wasted due to leaks they cannot afford to fix, or do not drink tap water due to worries about quality. This project would utilize existing non-profits and agencies to test and help significantly disadvantaged community members make repairs, conserve and use the water they pay for. The total cost of this pilot is dependent on grants and other participation. \$150,000 is sought from DWR and will be matched with other funding and agency in-kind participation.

**Attachment D: Schedule**