ATTACHMENT 1

AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

East Contra Costa County
2014 IRWM Drought Grant Proposal

ATTACHMENT 1 –
AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

In accordance with the PSP, this attachment provides the authorization and eligibility documentation required for the 2014 IRWM Drought Grant Program.

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Authorizing Documentation

A resolution adopted by Contra Costa Water District's (CCWD's) Board of Directors on July 2, 2014 authorizing CCWD to submit this application and execute a grant agreement with the State of California is included in **Appendix A** of this attachment.

Eligible Applicant Documentation

A written statement from CCWD confirming its eligibility as an applicant for this grant is included in **Appendix B** of this attachment.

Acknowledgement Form – Submittal of Additional Information

The 2014 IRWM Drought Grant Acknowledgement Form is included in **Appendix C** of this attachment. In accordance with PSP requirements, the Acknowledgement Form with wet signature has been submitted in hard copy.

Adopted Plan and Proof of Formal Adoption

The East County water management group, known as the East County Water Management Association (ECWMA), prepared the East Contra Costa County Functionally Equivalent Integrated Regional Water Management Plan (FEIRWMP) in 2005. Using Proposition 84 Round 1 Planning Grant funds, the ECWMA updated this plan to reflect present-day conditions and comply with the 2012 Proposition 84 & 1E IRWM Guidelines (Department of Water Resources (DWR), November 2012). The 2013 Update of the East County Integrated Regional Water Management Plan is included in **Appendix D**.

The 2013 East County IRWMP has been reviewed by DWR. In a letter dated June 6, 2014, DWR confirmed that the Plan is consistent with the IRWM Planning Act and related IRWM Plan Standards contained in the 2012 IRWM Program Guidelines. A copy of this letter is included in **Appendix E**.

The 2013 East County IRWMP has been formally adopted by all the participating member agencies of the ECWMA:

- City of Antioch
- City of Brentwood
- Contra Costa County Flood Control
- Contra Costa Water District
- Delta Diablo Sanitation District
- Diablo Water District
- East Contra Costa County Habitat Conservancy
- Ironhouse Sanitary District
- City of Pittsburg

In addition, the 2013 East County IRWMP has also been adopted by Byron Bethany Irrigation District (BBID), a supporting agency. **Appendix F** includes proof of adoption (e.g. resolutions, signature pages) for each of the adopting entities.

Project Consistency with an Adopted IRWM Plan

The projects included in this Proposal are consistent with the 2013 East County IRWMP and the associated project vetting process.

Project #1 – CCWD-BBID Regional Intertie

The CCWD-BBID Regional Intertie project was vetted by the ECWMA as part of the recent IRWMP update, and is included in the Plan. It is listed as project # 24 in Table 3-7 "Initial List of IWMP Projects" on page 3-26 of the 2013 East County IRWMP (see **Appendix D**).

Project #2 - DWD Leak Detection and Repair

The DWD Leak Detection and Repair project was vetted by the ECWMA as part of the recent IRWMP update, and is included in the Plan. It is listed as project # 43 in Table 3-7 "Initial List of IWMP Projects" on page 3-26 of the 2013 East County IRWMP (see **Appendix D**).

Project #3 - ISD Irrigation and Recycled Water Fill Station

Although the ISD Irrigation and Recycled Water Fill Station project was not included in the 2013 IRWMP update, it has been vetted and approved by the ECWMA. The project was initially discussed at an ECWMA coordinating committee meeting on May 6, 2014, and was brought up again at the East County Water Management Governing Board Meeting held on May 22, 2014. Following those meetings, ISD prepared and submitted a project information template as per the requirements of the 2013 IRWMP for adding new projects to the Plan. As the East Contra Costa County website was down for repair, this project information template was circulated via email for review by the ECWMA representatives on July 3, 2014. ECWMA representatives agreed that the ISD Irrigation and Recycled Water Fill project was consistent with the objectives outlined in the IRWMP and approved the inclusion of the project in the official IRWMP project list. Refer to **Appendix G** for documents supporting this vetting process, including correspondence involving the request to add the ISD Project to the official project list of the IRWMP, as well as favorable responses to this request.

Urban Water Management Compliance

Urban Water Management Plan Compliance

Table 1 provides a list of the urban water suppliers that would receive 2014 IRWM Drought Grant funding for their proposed projects.

Table 1. List of Urban Water Suppliers

Agency	Contact Information	Proposed Project
Contra Costa Water District (CCWD)	Jeff Quimby Planning Manager (925) 688-8310 jquimby@ccwater.com	CCWD-BBID Regional Intertie
Diablo Water District (DWD)	Mike Yeraka General Manager 925.625.6159 Mikegm1@aol.com	DWD Leak Detection and Repair Project

Appendix H includes copies of letters from DWR verifying that the 2010 Urban Water Management Plans (UWMPs) prepared by CCWD and DWD meet the requirements of the California Water Code (CWC).

AB 1420 Compliance

Each urban supplier listed in Table 1 has completed the self-certification form regarding compliance with requirements contained in AB 1420. These forms are included in **Appendix I**. As required by the PSP, each AB 1420 self-certification form with wet signature has been submitted in hard copy.

Water Metering Compliance

Each urban supplier listed in Table 1 has completed the self-certification form regarding compliance with the water metering requirements contained in CWC §525 *et seq*. These forms are included in **Appendix J**. As required by the PSP, each water metering self-certification form with wet signature has been submitted in hard copy.

Agricultural Water Management Compliance

No agricultural water suppliers are seeking 2014 IRWM Drought Grant funding for the projects proposed in this application.

Surface Water Diverter Compliance

Table 2 provides a list of the surface water diverters that are seeking 2014 IRWM Drought Grant funding for their proposed projects.

Table 2. List of Surface Water Diverters

Agency	Contact Information	Proposed Project
Contra Costa Water District (CCWD)	Lucinda Shih Senior Water Resources Specialist 925.688.8168, lshih@ccwater.com	CCWD-BBID Regional Intertie

Appendix K provides documentation that CCWD has submitted surface water diversion reports to the State Water Resources Control Board (SWRCB) in compliance with the requirements outlined in Part 5.1 of Division 2 of the CWC.

Groundwater Management Compliance

Table 3 provides a list of the groundwater users that are seeking 2014 IRWM Drought Grant funding for their proposed projects.

Table 3. List of Groundwater Users

Agency	Contact Information	Proposed Project
Diablo Water District (DWD)	Mike Yeraka, General Manager 925.625.6159 Mikegm1@aol.com	DWD Leak Detection and Repair Project

Three proposed drought relief projects are included within this proposal. A discussion of how each of the proposed projects does or does not directly affect groundwater quality or levels is provided in the following sections.

Project #1 – CCWD-BBID Regional Intertie

Implementation of the CCWD-BBID Regional Intertie project involves construction of water infrastructure to allow for the physical transfer of water from CCWD's water system into BBID's water system. It is not anticipated that this project will have any direct effects on the quality or levels of groundwater in the region.

Project #2 - DWD Leak Detection and Repair

The DWD Leak Detection and Repair project involves identifying and repairing leaks within 10 miles of DWD's water distribution system. It is not anticipated that this project will impact the quality or levels of groundwater in the region.

Project #3 - ISD Irrigation and Recycled Water Fill Station

The ISD Irrigation and Recycled Water Fill Station project involves the installation of approximately 1,500 feet of 8" pipeline, and appurtenances, to establish recycled water service fill station so that recycled water can be used for sewer cleaning, dust control and landscape irrigation. It is not anticipated that this project will impact the quality or levels of groundwater in the region.

CASGEM Compliance

The East Contra Costa County (East County) region is compliant with the CASGEM requirements outlined in the PSP. **Table 4** provides the information requested in the PSP to demonstrate CASGEM eligibility, and **Appendix L** includes GIS shape files of the service area boundary of the implementing agency.

Table 4. CASGEM Compliance

Proposed Project	Implementing Agency	Project Location	Groundwater Basin & Priority	Designated Monitoring Entity
Project #1 – CCWD-BBID Regional Intertie	CCWD is the lead agency with BBID as a project partner	**Latitude**: 37º 52' 53"N **Longitude:** 121º 39' 8"W	**Basin:** Tracy Subbasin of the San Joaquin Valley Groundwater Basin **Priority**: MEDIUM	DWD
Project #2 – DWD Leak and Repair Detection	DWD	Project Area A **Latitude**: 38º 00' 16" N **Longitude:** 121º 43' 20"W Project Area B **Latitude**: 37º 59'51.20" N **Longitude:** 121 º 43' 06"W	**Basin:** Tracy Subbasin of the San Joaquin Valley Groundwater Basin **Priority**: MEDIUM	DWD
Project #3 – ISD Irrigation and Recycled Water Fill Station	ISD	**Latitude**: 37º 59' 51.20" N **Longitude:** 121º 42' 11.54" W	**Basin:** Tracy Subbasin of the San Joaquin Valley Groundwater Basin **Priority**: MEDIUM	DWD

As noted in the table above, DWD is the designated monitoring entity for the Tracy Subbasin of the San Joaquin Valley Groundwater Basin, which is the only groundwater basin in the region that has been designated medium or high priority. DWD is in the process of modifying the area of its CASGEM compliance to include all of the remaining portions of the Tracy subbasin within Contra Costa County that are within the East Contra Costa County IRWMP. The updated CASGEM Monitoring Plan and an updated CASGEM map is included in **Appendix M** of this attachment as evidence of our current efforts to complete the CASGEM coverage for the East Contra Costa County IRWM.

Locally Not Cost Effective Water Conservation Programs and Measures

A discussion of the present value of local benefits of implementing each water conservation measure in comparison to the present value of the local costs of implementing that measure is provided for each of the proposed projects below.

Project #1 – CCWD-BBID Regional Intertie

This project is being implemented as a drought preparedness project. Therefore, the "not locally cost effective" assessment is not required.

Project #2 – DWD Leak Detection and Repair

This project is being implemented as a drought preparedness project. Therefore, the "not locally cost effective" assessment is not required.

Project #3 – ISD Irrigation and Recycled Water Fill Station

This project is being implemented as a drought preparedness project. Therefore, the "not locally cost effective" assessment is not required.