STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY EDMUND G. BROWN JR., Governor

**DEPARTMENT OF WATER RESOURCES**
1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

July 26, 2012

Mr. Michael Wegley
Dir. of Reclamation and Water Resources
City of Merced
678 West 18th Street
Merced, California 95340

Dear Mr. Wegley:

The Department of Water Resources (DWR) has reviewed the City of Merced's 2010 Urban Water Management Plan (UWMP) received on July 12, 2011. The California Water Code (CWC) directs DWR to report to the legislature once every five years on the status of submitted plans. In meeting this legislative reporting requirement, DWR reviews all submitted plans.

DWR's review of the City of Merced's 2010 plan has found that the plan has addressed the requirements of the CWC. DWR's review of plans is limited to assessing whether suppliers have addressed the required legislative elements. In its review, DWR does not evaluate or analyze the supplier's UWMP data, projections, or water management strategies. This letter is simply meant to acknowledge that the City of Merced's 2010 UWMP has addressed these requirements. The results of the review will also be provided to DWR's Financial Assistance Branch.

If you have any questions regarding the review of the plan or urban water management planning please don't hesitate to email or call.

Sincerely,

Peter Brostrom
UWMP Program Manager
brostrom@water.ca.gov
(916) 651-7034

cc: Luis Avila
DWR South Central Regional Office

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health

**CERTIFICATION FOR**
**COMPLIANCE WITH WATER METERING REQUIREMENTS**
**FOR FUNDING APPLICATIONS**

Funding Agency name: California Department of Water Resources

Funding Program name: Water-Energy Grant Program

Applicant (Agency name): City of Merced

Project Title (as shown on application form): City of Merced Water-Energy Savings Proposal

Please check one of the boxes below and sign and date this form.

☐ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

☒ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

7/12/2011

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

John Bramble
Name of Authorized Representative
(Please print)

John Bramble
Signature

City Manager
Title

12-12-2014
Date

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health

# CERTIFICATION FOR COMPLIANCE WITH WATER METERING REQUIREMENTS FOR FUNDING APPLICATIONS

In 2004, Assembly Bill 2572 added section 529.5 to the Water Code, providing that, commencing January 1, 2010, urban water suppliers must meet certain volumetric pricing and water metering requirements in order to apply for permits for new or expanded water supply, or state financial assistance for the following types of projects:

1. wastewater treatment projects
2. water use efficiency projects (including water recycling projects)
3. drinking water treatment projects

For the purposes of compliance with Section 529.5, a "water use efficiency project" means an action or series of actions that ensure or enhance the efficient use of water or result in the conservation of water supplies.

**Please consult with your legal counsel and review sections 525 through 529.7 of the Water Code before completing this certification.**

Applicants Affected
This requirement applies to urban water suppliers.

*"Urban water supplier" means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers.*

When Certification is Required
State Water Resources Control Board (SWRCB): The application for financial assistance must include a completed and signed certification form demonstrating compliance with the water metering requirements.

Department of Water Resources (DWR) funding applications: This certification must be completed and submitted with the funding application. Check the specific proposal solicitation package for directions on applicability and submittal instructions.

Department of Public Health (DPH) Safe Drinking Water State Revolving Fund Program: This certification must be completed and submitted with the executed Notice of Acceptance of Application (NOAA).

## AB 1420 Self- Certification Statement Table 1

**Note: Table 1 documents Status of Past and Current BMP implementation.**

**Self-Certification Statement: The Urban Water Supplier and its authorized representative certifies, under penalty of perjury, that all information and claims, stated in this table, regarding compliance and implementation of the BMPs, including alternative conservation approaches, are true and accurate. This signed AB 1420 Self-Certification Statement Table 1, and Table 2 are the basis for granting funds by the Funding Agency. Falsification and/or inaccuracies in AB 1420 Self Certification Statement Table 1, and Table 2 and in any supporting documents substantiating such claims may, at the discretion of the funding agency, result in loss of all State funds to the applicant. Additionally, the Funding Agency, in its sole discretion, may halt disbursement of grant or loan funds, not pay pending invoices, and/or pursue any other applicable legal remedy and refer the matter to the Attorney General's Office.**

Name of Signatory John Bramble Title of Signatory City Manager Signature of signatory John Bramble Date 12-12-2014

**Application Date: December 11, 2014**

Proposal Identification Number: | CUWCC Member? Yes/No: NO | Has Urban Water Supplier submitted a 2010 Urban Water Management Plan? Yes/No: YES | Is the UWM Plan Deemed Complete by DWR? Yes/No: Yes

Applicant Name: City of Merced

**Project Title: City of Merced Water - Energy Savings Proposal**

Applicant's Contact Information: Name: Leah Brown | Phone: 20-385-8895 | E-mail: brownl@cityofmerced.org

Participants:

| *Retailer (List Below)* | *Wholesaler (List Below)* |
|---|---|
| | |
| | |
| | |
| | |
| | |

| C1 | C2 | C3 | C4 | C5 | *C6 | C7 | **C8 | **C9 | **C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | **BMP Implemented by Retailers and/or Wholesalers / *BMP*** | | | **Compliance Options/Alternative Conservation Approaches (1)** | | | **BMP Is Exempt (2)** | | | **BMP Implementation Requirements Met** | | | | |
| BMPs required for Wholesale Supplier | BMPs required for Retail Supplier | BMPs | Retailer *Yes/No* | Wholesaler *Yes/No* | Regional *Yes/No* | BMP Checklist | Flex Track | Gallons Per Capita Per Day GPCD | Not Cost Effective | Lack of Funding | Lack of Legal Authority | CUWCC MOU Requirement Met: Retailer *Yes/No* | CUWCC MOU Requirement Met: Wholesaler *Yes/No* | Date of BMP Report Submitted to CUWCC for (2007-2008) (MOU Signatories) | Date BMP Implementation Data Submitted to DWR in CUWCC Format (Non MOU Signatories) (3) | All Supporting Documents have been Submitted Yes/No |
| | ✓ | BMP 1 Water Survey for Single/Multi-Family Residential Customers | YES | | | YES | | | X | | | YES | | | 7/12/2011 | YES |
| | ✓ | BMP 2 Residential Plumbing Retrofit | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| ✓ | ✓ | BMP 3 System Water Audits, Leak Detection | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| ✓ | ✓ | BMP 3 Leak Repairs | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| | ✓ | BMP 4 Metering with Commodity Rates for All New connections | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| | ✓ | BMP 4 Retrofit of Existing Connections | YES | | | YES | | | | | | NO | | | 7/12/2011 | YES |

| C1 | C2 | C3 | C4 | C5 | *C6 | C7 | **C8 | **C9 | **C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | **BMP Implemented by Retailers and/or Wholesalers / *BMP*** | | | **Compliance Options/Alternative Conservation Approaches (1)** | | | **BMP Is Exempt (2)** | | | **BMP Implementation Requirements Met** | | | | |
| BMPs required for Wholesale Supplier | BMPs required for Retail Supplier | BMPs | Retailer *Yes/No* | Wholesaler *Yes/No* | Regional *Yes/No* | BMP Checklist | Flex Track | Gallons Per Capita Per Day GPCD | Not Cost Effective | Lack of Funding | Lack of Legal Authority | CUWCC MOU Requirement Met: Retailer *Yes/No* | CUWCC MOU Requirement Met: Wholesaler *Yes/No* | Date of BMP Report Submitted to CUWCC for (2007-2008) (MOU Signatories) | Date BMP Implementation Data Submitted to DWR in CUWCC Format (Non MOU Signatories) (3) | All Supportin Documents have been Submitted Yes/No |
| | ✓ | BMP 5 Large Landscape Conservation Programs and Incentives | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| | ✓ | BMP 6 High-Efficiency Washing Machine Rebate Programs | YES | | | YES | | | X | | | YES | | | 7/12/2011 | YES |
| ✓ | ✓ | BMP 7 Public Information | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| ✓ | ✓ | BMP 8 School Education | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| | ✓ | BMP 9 Conservation programs for Commercial, Industrial, and Institutional (CII) Accounts | YES | | | YES | | | X | | | YES | | | 7/12/2011 | YES |
| ✓ | | BMP 10 Wholesale Agency Assistance Programs | N/A | | | N/A | | | | | | | | | | |
| | ✓ | BMP 11 Conservation Pricing | YES | | | YES | | | | | | NO | | | 7/12/2011 | YES |
| ✓ | ✓ | BMP 12 Conservation Coordinator | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| | ✓ | BMP 13 Water Waste Prohibitions | YES | | | YES | | | | | | YES | | | 7/12/2011 | YES |
| | ✓ | BMP 14 Residential ULFT Replacement Programs | YES | | | YES | | | X | | | YES | | | 7/12/2011 | YES |

**C6:** Wholesaler may also be a retailer (supplying water to end water users)
**C8, **C9, **, and C10:** Agencies choosing an alternative conservation approach are responsible for achieving water savings equal or greater than that which they would have achieved using only BMP list.

(1) For details, please see: http://www.cuwcc.org/mou/exhibit-1-bmp-definitions-schedules-requirements.aspx.
(2) BMP is exempt based on cost-effectiveness, lack of funding, and lack of legal authority criteria as detailed in the CUWCC MOU
(3) Non MOU signatories must submit to DWR reports and supporting documents in the same format as CUWCC.

## AB 1420 Self- Certification Statement Table 2

## Provide Schedule, Budget, and Finance Plan to Demonstrate Commitment to Implement All BMP's to Become in Compliance with BMP Implementation - Commencing Within 1st Year of Agreement for Which Applicant Receives Funds.

**Self-Certification Statement: The Urban Water Supplier and its authorized representative certifies, under penalty of perjury, that all information and claims, stated in this table, regarding compliance and implementation of the BMPs, including alternative conservation approaches, are true and accurate. This signed AB 1420 Self-Certification Statement Table 1 and Table 2 are the basis for granting funds by the Funding Agency. Falsification and/or inaccuracies in AB 1420 Self Certification Statement Table 1 and Table 2, and in any supporting documents substantiating such claims may, at the discretion of the funding agency, result in loss of all State funds to the applicant. Additionally, the Funding Agency, in its sole discretion, may halt disbursement of grant or loan funds, not pay pending invoices, and/or pursue any other applicable legal remedy and refer the matter to the Attorney General's Office.**

Name of Signatory John Bramble Title of Signatory City Manager Signature of signatory John Bramble Date 12-12-2014

**Application Date:**

**Proposal Identification Number:**

**CUWCC Member?** Yes/No: NO

**Applicant Name:** City of Merced

**Is the UWM Plan Deemed Complete by DWR?** Yes/No: YES

**Project Title:** City of Merced Water-Energy Savings Proposal

**Applicant's Contact Information:** Name: Leah Brown, brownl@cityofmerced.org

| | *Retailer (List Below)* | | |
|---|---|---|---|
| **Participants:** | | | |
| | | | |
| | | | |
| | | | |

| C1 | C2 | C3 | C4 | C5 | *C6 | C7 | C8 | **C9 | **C10 | **C11 | C12 | | | C13 | C14 | C15 | C16 | C17 | C18 | C19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BMP Implemented by Retailers and/or Wholesalers | | | | Compliance Options / Alternative Conservation Approaches (1) | | | BMP is Exempt (2) | | | Implementation Scheduled to Commence within 1st Year of Agreement | | | | | | |
| CUWCC 2010 Flex Track BMPs | BMPs required for Wholesale Supplier | BMPs required for Retail Supplier | BMPs | Retailer *Yes/No* | Wholesaler *Yes/No* | Regional *Yes/No* | Alternative Conservation Approaches Yes/No | BMP Checklist | Flex Track | Gallons Per Capita Per Day GPCD | Not Cost Effective | Lack of Funding | Lack of Legal Authority | Start Date (MM/YR) | Completion Level (%) | BMP Completion Date (MM/YR) | Budget (Dollars) | Funding Source & Finance Plan to Implement BMPs | Meets CUWCC Coverage Yes/No | Funds Requested, if Available. (See AB 1420 Compliance Table 3) Yes/No |
| **1. Utility Operations Programs** | | | | | | | | | | | | | | | | | | | | |
| 1.11 | ✓ | ✓ | BMP 12 Conservation Coordinator | | | | | | | | | | | | | | | | | |
| 1.12 | | ✓ | BMP 13 Water Waste Prohibitions | | | | | | | | | | | | | | | | | |
| 1.13 | ✓ | ✓ | BMP 10 Wholesale Agency Assistance Programs | | | | | | | | | | | | | | | | | |
| 1.20 | ✓ | ✓ | BMP 3 System Water Audits, Leak Detection/**Repair** | | | | | | | | | | | | | | | | | |
| 1.30 | | ✓ | BMP 4 Metering with Commodity Rates for All New/**Retrofit of Existing** connections | Yes | No | No | No | Yes | | | | | | 07/92 | 50% metered | 12/16 | $3.8 million | Grant & City funds | Yes | Yes |
| 1.40 | | ✓ | BMP 11 Conservation Pricing | Yes | No | No | No | Yes | | | | | | 07/15 | 0% | 12/17 | $40,000 | City funds | Yes | No |
| **2. Educational Programs** | | | | | | | | | | | | | | | | | | | | |
| 2.10 | ✓ | ✓ | BMP 7 Public Information | | | | | | | | | | | | | | | | | |
| 2.20 | ✓ | ✓ | BMP 8 School Education | | | | | | | | | | | | | | | | | |
| **3. Residential** | | | | | | | | | | | | | | | | | | | | |
| 3.11 | | ✓ | BMP 1 **Indoor** Water Survey for Single/Multi-Family Residential Customers | | | | | | | | | | | | | | | | | |
| 3.12 | | | BMP 1 **Outdoor** Water Survey for Single/Multi-Family Residential Customers | | | | | | | | | | | | | | | | | |
| 3.20 | | ✓ | BMP 2 Residential Plumbing Retrofit | | | | | | | | | | | | | | | | | |

| CUWCC 2010 Flex Track BMPs | BMPs required for Wholesale Supplier | BMPs required for Retail Supplier | BMPs | BMP Implemented by Retailers and/or Wholesalers | | | | Compliance Options / Alternative Conservation Approaches (1) | | | BMP is Exempt (2) | | | Implementation Scheduled to Commence within 1st Year of Agreement | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Retailer *Yes/No* | Wholesaler *Yes/No* | Regional *Yes/No* | Alternative Conservation Approaches Yes/No | BMP Checklist | Flex Track | Gallons Per Capita Per Day GPCD | Not Cost Effective | Lack of Funding | Lack of Legal Authority | Start Date (MM/YR) | Completion Level (%) | BMP Completion Date (MM/YR) | Budget (Dollars) | Funding Source & Finance Plan to Implement BMPs | Meets CUWCC Coverage Yes/No | Funds Requested, if Available. (See AB 1420 Compliance Table 3) Yes/No |
| 3.30 | | ✓ | BMP 6 High-Efficiency Washing Machine Rebate Programs | | | | | | | | | | | | | | | | | |
| 3.40 | | ✓ | BMP 14 Residential ULFT Replacement Programs | | | | | | | | | | | | | | | | | |
| **4. Commercial, Industrial, Institutional** | | | | | | | | | | | | | | | | | | | | |
| 4.00 | | ✓ | BMP 9 Conservation programs for Commercial, Industrial, and Institutional (CII) Accounts | | | | | | | | | | | | | | | | | |
| **5. Landscape** | | | | | | | | | | | | | | | | | | | | |
| 5.00 | | ✓ | BMP 5 Large Landscape Conservation Programs and Incentives | | | | | | | | | | | | | | | | | |

*C6: Wholesaler may also be a retailer (supplying water to end water users)
**C9, ** C10, and **C11: Agencies choosing an alternative conservation approach are responsible for achieving water savings equal or greater than that which they would have achieved using only BMP list.
(1) For details, please see http://www.cuwcc.org/mou/exhibit-1-bmp-definitions-schedules-requirements.aspx.
(2) BMP is exempt based on cost-effectiveness, lack of funding, or lack of legal authority, as detailed in the CUWCC MOU.

## AB 1420 Compliance Table 3

**Note: This Table may be completed only if Funding Agency provides cost-share grant funds for BMP implementation and only if Applicant requests such funds.**

**Applicant:** City of Merced
**Pin Number:**

**FILL IN THE SHADED AREAS ONLY. THE TABLE IS FORMATTED WITH FORMULAS.**

| (I) | Year 1 $ | Year 2 $ | Year 3 $ | Total $ | Contingency % (III) | Cost + Contingency = $ (IV) | Applicant cost share = $ (V) | State Share = $ (VI) | Life of investment in years (VII) | Annualized Costs (IX) |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Foundational: Utility Operations Programs*** | | | | | | | | | | |
| Operations (BMP 12 Conservation Coordinator) | | | | | | | | | | |
| subtask 1- | | | | - | | | | | | ----- |
| subtask 2- | | | | - | | - | | - | | ----- |
| **Subtotal** | -- | -- | | -- | | -- | -- | -- | | $0 |
| Operations (BMP 13 Water Waste Prohibitions) | | | | | | | | | | |
| subtask 1- | | | | - | | | | | | ----- |
| subtask 2- | | | | - | | - | | - | | ----- |
| **Subtotal** | -- | -- | | -- | | -- | -- | -- | | $0 |
| Operations (BMP 10 Wholesale Agency Assistance Programs) | | | | | | | | | | |
| subtask 1- | | | | - | | | | | | ----- |
| subtask 2- | | | | - | | - | | - | | ----- |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| Water Loss Control (BMP 3 System Water Audits, Leak Detection/Repair ) | | | | | | | | | | |
| subtask 1- | | | | - | | - | | - | | ----- |
| subtask 2- | | | | - | | - | | - | | ----- |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| Metering (BMP 4 Metering with Commodity Rates for All New/Retrofit of Existing connections) | | | | | | | | | | |
| subtask 1- | $2,500,000 | $1,335,444 | $0 | $3,835,444 | | $3,835,444 | $1,335,444 | $2,500,000 | 25 | $300,034 |
| subtask 2- | $0 | $0 | $0 | - | | - | | - | | ----- |
| ***Subtotal*** | $2,500,000 | $1,335,444 | -- | $3,835,444 | | $3,835,444 | $1,335,444 | $2,500,000 | | $300,034 |
| Pricing (BMP 11 Conservation Pricing) | | | | | | | | | | |
| subtask 1- | $0 | | | - | | - | | - | | ----- |
| subtask 2- | | | | - | | - | | - | | ----- |
| ***Subtotal*** | | | | | | | | | | |
| ***Foundational: Educational Programs*** | | | | | | | | | | |
| Public Information Programs (BMP 7 Public Information) | | | | | | | | | | |

| (I) | Year 1 $ | Year 2 $ | Year 3 $ | Total $ | Contingency % (III) | Cost + Contingency = $ (IV) | Applicant cost share = $ (V) | State Share = $ (VI) | Life of investment in years (VII) | Annualized Costs (IX) |
|---|---|---|---|---|---|---|---|---|---|---|
| subtask 1- | | | | - | | - | | - | | ------ |
| subtask 2- | | | | - | | - | | - | | ------ |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| School Education Programs (BMP 8 School Education) | | | | | | | | | | |
| subtask 1- | | | | - | | - | | - | | ------ |
| subtask 2- | | | | - | | - | | - | | ------ |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| ***Programmatic: Residential*** | | | | | | | | | | |
| Residential-Indoor (BMP 1 Indoor Water Survey for Single/Multi-Family Residential Customers) | | | | | | | | | | |
| subtask 1- | | | | - | | - | | - | | ------ |
| subtask 2- | | | | - | | - | | - | | ------ |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| Residential-Outdoor (BMP 1 Outdoor Water Survey for Single/Multi-Family Residential Customers) | | | | | | | | | | |
| subtask 1- | | | | - | | - | | - | | ------ |
| subtask 2- | | | | - | | - | | - | | ------ |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| Residential-Plumbing (BMP 2 Residential Plumbing Retrofit) | | | | | | | | | | |
| subtask 1- | | | | - | | - | | - | | - |
| subtask 2- | | | | - | | - | | - | | - |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| Residential-Financial Incentive Programs (BMP 6 High-Efficiency Washing Machine Rebate Programs) | | | | | | | | | | |
| subtask 1- | | | | | | | | | | |
| subtask 2- | | | | | | | | | | |
| ***Subtotal*** | | | | | | | | | | |
| Residential-UFLT Programs (BMP 14 Residential ULFT Replacement Programs) | | | | | | | | | | |
| subtask 1- | | | | | | | | | | |
| subtask 2- | | | | | | | | | | |
| ***Subtotal*** | | | | | | | | | | |
| ***Programmatic: Commercial, Industrial, Institutional*** | | | | | | | | | | |
| Conservation Programs (BMP 9 Conservation programs for Commercial, Industrial, and Institutional (CII) Accounts) | | | | | | | | | | |
| subtask 1- | | | | - | | - | | - | | ------ |
| subtask 2- | | | | - | | - | | - | | ------ |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| ***Programmatic: Landscape*** | | | | | | | | | | |
| Conservation Programs (BMP 5 Large Landscape Conservation Programs and Incentives) | | | | | | | | | | |
| subtask 1- | | | | - | | - | | - | | - |
| subtask 2- | | | | - | | - | | - | | - |
| ***Subtotal*** | -- | -- | | -- | | -- | -- | -- | | $0 |
| **TOTAL** | $2,500,000 | $1,335,444 | $0 | $3,835,444 | | $3,835,444 | $1,335,444 | $2,500,000 | | **$300,034** |
| Cost Share -Percentage | | | | | | | 35% | 65% | | |