

**Appendix M:
2013-2014 CUWCC Best Management Practices
Annual Reports
and Coverage Reports**



CUWCC BMP Retail Coverage Report 2013

Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Operation Practices

ON TRACK

163 Monte Vista Water District - Retail

1. Conservation Coordinator provided with necessary resources to implement BMPs?

Name:

Title:

Email:

2. Water Waste Prevention Documents

WW Document Name	WWP File Name	WW Prevention URL	WW Prevention Ordinance Terms Description
Option A Describe the ordinances or terms of service adopted by your agency to meet the water waste prevention requirements of this BMP.		http://www.mward.org/download.cfm?ID=117	Ordinance 33: Establishing Water Use Efficiency Best Practices and Staged Water Supply Shortage Measures
Option B Describe any water waste prevention ordinances or requirements adopted by your local jurisdiction or regulatory agencies within your service area.			
Option C Describe any documentation of support for legislation or regulations that prohibit water waste.			
Option D Describe your agency efforts to cooperate with other entities in the adoption or enforcement of local requirements consistent with this BMP.			
Option E Describe your agency support positions with respect to adoption of legislation or regulations that are consistent with this BMP.			
Option F Describe your agency efforts to support local ordinances that establish permits requirements for water efficient design in new development.			

At Least As effective As

Exemption

Comments:



CUWCC BMP Retail Coverage Report 2013
Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Operation Practices

ON TRACK



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.2 Water Loss Control

ON TRACK

163 Monte Vista Water District - Retail

- Completed Standard Water Audit Using AWWA Software? Yes
- AWWA File provided to CUWCC? Yes
- MVWD Water System Audit - FYE2013.xls
- AWWA Water Audit Validity Score? 69
- Complete Training in AWWA Audit Method Yes
- Complete Training in Component Analysis Process? Yes
- Component Analysis? Yes
- Repaired all leaks and breaks to the extent cost effective? Yes
- Locate and Repair unreported leaks to the extent cost effective? Yes
- Maintain a record keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair. Yes

Provided 7 Types of Water Loss Control Info

Leaks Repairs	Value Real Losses	Value Apparent Losses	Miles Surveyed	Press Reduction	Cost Of Interventions	Water Saved (AF)
152	221590	184376	0	False	346735.14	

At Least As effective As

Exemption

Comments:



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.3 Metering With Commodity

ON TRACK

163 Monte Vista Water District - Retail

Numbered Unmetered Accounts	No
Metered Accounts billed by volume of use	Yes
Number of CII Accounts with Mixed Use Meters	329
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	Yes
Feasibility Study provided to CUWCC?	Yes
Date: 4/12/2011	
Uploaded file name:	
Completed a written plan, policy or program to test, repair and replace meters	Yes
At Least As effective As	<input type="text" value="No"/>
Exemption	<input type="text" value="No"/>
Comments:	



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.4 Retail Conservation Pricing

On Track

163 Monte Vista Water District - Retail

Implementation (Water Rate Structure)

Customer Class	Water Rate Type	Conserving Rate?	(V) Total Revenue Comodity Charges	(M) Total Revenue Fixed Carges
Single-Family	Allocation Based	Yes	4141607.86	1714195.86
Multi-Family	Uniform	Yes	1202835.26	234259.45
Commercial	Uniform	Yes	1342968.43	419305.66
Dedicated Irrigation	Uniform	Yes	836889.22	185521.43
Agricultural	Uniform	Yes	35625.17	7788.16
Other	Uniform	Yes	19324.27	234105.84
Institutional	Uniform	Yes	252660.68	78556.12
Industrial	Uniform	Yes	18087.9	9094.2
			7849998.79	2882826.72

Calculate: $V / (V + M)$ 73 %

Implementation Option: Use Annual Revenue As Reported

Use 3 years average instead of most recent year

Canadian Water and Wastewater Association

Upload file:

Agency Provide Sewer Service: No

At Least As effective As No

Exemption No

Comments:

Option 1: \$7,849,998.79 / \$10,732,825.51 = 73.1%



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

163 Monte Vista Water District - Retail

Retail

Does your agency perform Public Outreach programs? Yes

The list of wholesale agencies performing public outreach which can be counted to help the agency comply with the BMP

Inland Empire Utilities Agency

Agency Name	ID number
Inland Empire Utilities Agency	135

The name of agency, contact name and email address if not CUWCC Group 1 members

Home Depot

Did at least one contact take place during each quarter of the reporting year? Yes

Public Outreach Program List	Number
General water conservation information	8
Newsletter articles on conservation	5
Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets	4
Website	6
Email Messages	6
Total	29

Did at least one contact take place during each quarter of the reporting year? Yes

Number Media Contacts	Number
News releases	10
Newspaper contacts	3
Total	13

Did at least one website update take place during each quarter of the reporting year? Yes

Public Information Program Annual Budget

Annual Budget Category	Annual Budget Amount
Public Relations	27000
Conservation - Public Relations	7250
Total Amount:	34250

Public Outreach Additional Programs

Water Fair



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

Description of all other Public Outreach programs

Inland Empire Garden Friendly

Comments:

At Least As effective As

Exemption



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.2 School Education Programs

ON TRACK

163 Monte Vista Water District - Retail

Retail

Does your agency implement School Education programs? Yes

The list of wholesale agencies performing public outreach which can be counted to help the agency comply with the BMP

Inland Empire Utilities Agency, Metropolitan Water District of SC

Chino Basin Water Conservation District (Group 3)

Materials meet state education framework requirements? Yes

See past reports

Materials distributed to K-6? Yes

See past reports

Materials distributed to 7-12 students? Yes (Info Only)

See past reports

Annual budget for school education program: 5750.00

Description of all other water supplier education programs

See past reports

Comments:

At Least As effective As No

Exemption No 0



CUWCC BMP Retail Coverage Report 2014

Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Operation Practices

ON TRACK

163 Monte Vista Water District - Retail

1. Conservation Coordinator provided with necessary resources to implement BMPs?

Name:

Title:

Email:

2. Water Waste Prevention Documents

WW Document Name	WWP File Name	WW Prevention URL	WW Prevention Ordinance Terms Description
Option A Describe the ordinances or terms of service adopted by your agency to meet the water waste prevention requirements of this BMP.		http://www.mward.org/download.cfm?ID=117	Ordinance 33: Establishing Water Use Efficiency Best Practices and Staged Water Supply Shortage Measures
Option B Describe any water waste prevention ordinances or requirements adopted by your local jurisdiction or regulatory agencies within your service area.			
Option C Describe any documentation of support for legislation or regulations that prohibit water waste.			
Option D Describe your agency efforts to cooperate with other entities in the adoption or enforcement of local requirements consistent with this BMP.			
Option E Describe your agency support positions with respect to adoption of legislation or regulations that are consistent with this BMP.			
Option F Describe your agency efforts to support local ordinances that establish permits requirements for water efficient design in new development.			

At Least As effective As

Exemption

Comments:



CUWCC BMP Retail Coverage Report 2014
Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Operation Practices

ON TRACK



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.2 Water Loss Control

ON TRACK

163 Monte Vista Water District - Retail

Completed Standard Water Audit Using AWWA Software?	Yes
AWWA File provided to CUWCC?	Yes
MVWD Water System Audit - FYE2014.xls	
AWWA Water Audit Validity Score?	69
Complete Training in AWWA Audit Method	Yes
Complete Training in Component Analysis Process?	Yes
Component Analysis?	Yes
Repaired all leaks and breaks to the extent cost effective?	Yes
Locate and Repair unreported leaks to the extent cost effective?	Yes

Maintain a record keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair. Yes

Provided 7 Types of Water Loss Control Info

Leaks Repairs	Value Real Losses	Value Apparent Losses	Miles Surveyed	Press Reduction	Cost Of Interventions	Water Saved (AF)
132	300118	284885	0	False	349960.55	

At Least As effective As

Exemption

Comments:



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.3 Metering With Commodity

ON TRACK

163 Monte Vista Water District - Retail

Numbered Unmetered Accounts	No
Metered Accounts billed by volume of use	Yes
Number of CII Accounts with Mixed Use Meters	333
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	Yes
Feasibility Study provided to CUWCC?	Yes
Date: 4/12/2011	
Uploaded file name:	
Completed a written plan, policy or program to test, repair and replace meters	Yes
At Least As effective As	<input type="text" value="No"/>
Exemption	<input type="text" value="No"/>
Comments:	



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.4 Retail Conservation Pricing

On Track

163 Monte Vista Water District - Retail

Implementation (Water Rate Structure)

Customer Class	Water Rate Type	Conserving Rate?	(V) Total Revenue Comodity Charges	(M) Total Revenue Fixed Carges
Single-Family	Allocation Based	Yes	4246569.62	1872204.11
Multi-Family	Uniform	Yes	1221901.39	280117.84
Commercial	Uniform	Yes	1405986.35	479019.61
Dedicated Irrigation	Uniform	Yes	956591.34	212509.16
Agricultural	Uniform	Yes	56001.5	10427.16
Other	Uniform	Yes	22625.1	255798.35
Institutional	Uniform	Yes	266329.09	86315.12
Industrial	Uniform	Yes	18088.03	8794.76
			8194092.42	3205186.11

Calculate: $V / (V + M)$ 72 %

Implementation Option: Use Annual Revenue As Reported

Use 3 years average instead of most recent year

Canadian Water and Wastewater Association

Upload file:

Agency Provide Sewer Service: No

At Least As effective As

Exemption

Comments:

Option 1: $\$8,194,092.42 / \$11,399,278.53 = 71.9\%$



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

163

Monte Vista Water District - Retail

Retail

Does your agency perform Public Outreach programs? Yes

The list of wholesale agencies performing public outreach which can be counted to help the agency comply with the BMP

Inland Empire Utilities Agency

Agency Name	ID number
Inland Empire Utilities Agency	135

The name of agency, contact name and email address if not CUWCC Group 1 members

Home Depot

Did at least one contact take place during each quarter of the reporting year? Yes

Public Outreach Program List	Number
General water conservation information	10
Newsletter articles on conservation	4
Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets	6
Website	6
Email Messages	6
Total	32

Did at least one contact take place during each quarter of the reporting year? Yes

Number Media Contacts	Number
News releases	16
Newspaper contacts	3
Total	19

Did at least one website update take place during each quarter of the reporting year? Yes

Public Information Program Annual Budget

Annual Budget Category	Annual Budget Amount
Public Relations	28000
Public Relations Conservation	7250
Total Amount:	35250

Public Outreach Additional Programs

Water Fair



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

Description of all other Public Outreach programs

Inland Empire Garden Friendly

Comments:

At Least As effective As

Exemption



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.2 School Education Programs

ON TRACK

163 Monte Vista Water District - Retail

Retail

Does your agency implement School Education programs? Yes

The list of wholesale agencies performing public outreach which can be counted to help the agency comply with the BMP

Inland Empire Utilities Agency, Metropolitan Water District of SC

Chino Basin Water Conservation District (Group 3)

Materials meet state education framework requirements? Yes

See past reports

Materials distributed to K-6? Yes

See past reports

Materials distributed to 7-12 students? Yes (Info Only)

See past reports

Annual budget for school education program: 5750.00

Description of all other water supplier education programs

See past reports

Comments:

At Least As effective As No

Exemption No 0



CUWCC BMP Coverage Report 2014

163 Monte Vista Water District - Retail

Baseline GPCD: 206.6

GPCD in 2014 169.1

GPCD Target for 2018: 169.40

Biennial GPCD Compliance Table

ON TRACK

Year	Report	Target		Highest Acceptable Bound	
		% Base	GPCD	% Base	GPCD
2010	1	96.4%	199.20	100%	206.60
2012	2	92.8%	191.70	96.4%	199.20
2014	3	89.2%	184.30	92.8%	191.70
2016	4	85.6%	176.80	89.2%	184.30
2018	5	82.0%	169.40	82.0%	169.40



CUWCC BMP Wholesale Coverage Report 2013

Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Wholesale Agency Assistance Programs

ON TRACK

7055 Monte Vista - Wholesale

Name: Justin Scott-Coe Email: jscottcoe@mwwd.org

a) Financial Investments and Building Partnerships

BMP Section	Monetary Amount for Financial Incentives	Monetary Amount for Equivalent Resources	
BMP 1.1 Operation Practices	0	100	

b) Technical Support

c) Retail Agency

d) Water Shortage Allocation

Adoption Date: 5/12/2010

File Name: Ordinance 33: Establishing Water Use Efficiency Best Practices and Staged Water Supply Shortage Measures

e) Non signatory Reporting of BMP implementation by non-signatory Agencies

f) Encourage CUWCC Membership List Efforts to Recruit Retailers

Already a member

0.00

At Least As effective As

Exemption

Comments:



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.2 Water Loss Control

ON TRACK

163 Monte Vista Water District - Retail

Completed Standard Water Audit Using AWWA Software? Yes

AWWA File provided to CUWCC? Yes

MVWD Water System Audit - FYE2013.xls

AWWA Water Audit Validity Score? 69

Complete Training in AWWA Audit Method Yes

Complete Training in Component Analysis Process? Yes

Component Analysis? Yes

Repaired all leaks and breaks to the extent cost effective? Yes

Locate and Repair unreported leaks to the extent cost effective? Yes

Maintain a record keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair. Yes

Provided 7 Types of Water Loss Control Info

Leaks Repairs	Value Real Losses	Value Apparent Losses	Miles Surveyed	Press Reduction	Cost Of Interventions	Water Saved (AF)
152	221590	184376	0	False	346735.14	

At Least As effective As

Exemption

Comments:



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.3 Metering With Commodity

ON TRACK

7055 Monte Vista - Wholesale

Numbered Unmetered Accounts	No
Metered Accounts billed by volume of use	Yes
Number of CII Accounts with Mixed Use Meters	
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	No
Feasibility Study provided to CUWCC?	No
Date:	
Uploaded file name:	
Completed a written plan, policy or program to test, repair and replace meters	Yes
At Least As effective As	<input type="text" value="No"/>
Exemption	<input type="text" value="No"/>
Comments:	



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

7055

Monte Vista - Wholesale

Wholesale

Does your agency perform Public Outreach programs? No

The list of retail agencies your agency assists with public outreach

The name of agency, contact name and email address if not CUWCC Group 1 members

Did at least one contact take place during each quarter of the reporting year? No

Did at least one contact take place during each quarter of the reporting year? No

Did at least one website update take place during each quarter of the reporting year? No

Public Information Program Annual Budget

Description of all other Public Outreach programs

Comments:

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for Public Information services.

At Least As effective As

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for Public Information services.

Exemption



CUWCC BMP Coverage Report 2013

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.2 School Education Programs

ON TRACK

7055 Monte Vista - Wholesale

Wholesale

Does your agency implement School Education programs? No

The list of retail agencies your agency assists with public outreach

Materials meet state education framework requirements? No

Materials distributed to K-6? No

Materials distributed to 7-12 students? No (Info Only)

Annual budget for school education program:

Description of all other water supplier education programs

Comments:

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for School Education services.

At Least As effective As

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for School Education services.

Exemption



CUWCC BMP Wholesale Coverage Report 2014

Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Wholesale Agency Assistance Programs

ON TRACK

7055 Monte Vista - Wholesale

Name: Justin Scott-Coe Email: jscottcoe@mwwd.org

a) Financial Investments and Building Partnerships

BMP Section	Monetary Amount for Financial Incentives	Monetary Amount for Equivalent Resources	
BMP 1.1 Operation Practices	0	100	

b) Technical Support

c) Retail Agency

d) Water Shortage Allocation

Adoption Date: 5/12/2010

File Name: Ordinance 33: Establishing Water Use Efficiency Best Practices and Staged Water Supply Shortage Measures

e) Non signatory Reporting of BMP implementation by non-signatory Agencies

f) Encourage CUWCC Membership List Efforts to Recruit Retailers

Already a member

0.00

At Least As effective As

Exemption

Comments:



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.2 Water Loss Control

ON TRACK

163 Monte Vista Water District - Retail

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Leaks Repairs	Value Real Losses	Value Apparent Losses	Miles Surveyed	Press Reduction	Cost Of Interventions	Water Saved (AF)
132	300118	284885	0	False	349960.55	

At Least As effective As

Exemption

Comments:



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.3 Metering With Commodity

ON TRACK

7055 Monte Vista - Wholesale

Numbered Unmetered Accounts	No
Metered Accounts billed by volume of use	Yes
Number of CII Accounts with Mixed Use Meters	
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	No
Feasibility Study provided to CUWCC?	No
Date:	
Uploaded file name:	
Completed a written plan, policy or program to test, repair and replace meters	Yes
At Least As effective As	<input type="text" value="No"/>
Exemption	<input type="text" value="No"/>
Comments:	



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

7055

Monte Vista - Wholesale

Wholesale

Does your agency perform Public Outreach programs? No

The list of retail agencies your agency assists with public outreach

The name of agency, contact name and email address if not CUWCC Group 1 members

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Did at least one contact take place during each quarter of the reporting year? No

Did at least one website update take place during each quarter of the reporting year? No

Public Information Program Annual Budget

Description of all other Public Outreach programs

Comments:

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for Public Information services.

At Least As effective As Yes

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for Public Information services.

Exemption No 0



CUWCC BMP Coverage Report 2014

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.2 School Education Programs

ON TRACK

7055 Monte Vista - Wholesale

Wholesale

Does your agency implement School Education programs? No

The list of retail agencies your agency assists with public outreach

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Materials distributed to K-6? No

Materials distributed to 7-12 students? No (Info Only)

Annual budget for school education program:

Description of all other water supplier education programs

Comments:

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for School Education services.

At Least As effective As

Wholesalers are only to provide services as requested by their retailers; we have not received such a request for School Education services.

Exemption