

Appendix A
Public Outreach and Participation

Appendix A

Public Involvement

Coordination with Appropriate Agencies

EMWD has worked with several agencies and organizations in preparing the Urban Water Management Plan. These agencies include all of EMWD's sub agencies and MWD.

	Participated in developing the plan	Commented on the draft	Attended public meetings	Was contacted for assistance	Was sent a copy of the draft plan	Was sent a notice of intention to adopt	Not Involved / No Information
Sub Agencies of EMWD				x	x	x	
Metropolitan Water District				x	x	x	
Relevant public agencies					x	x	

Coordination with MWD

Over the past year EMWD has worked with MWD to provide information regarding population, local supply and demands. MWD projects demand on a regional basis and does not project sales for individual agencies. The 2005 RUWMP contains information about total projected sales to other agencies including EMWD. Included in MWD supply projections are existing and committed local projects.

Coordination with Sub- Agencies

EMWD staff met with each sub agency early in the year to discuss supply and demand projects. In addition to early meeting, EMWD has sent information and draft copies of the UWMP to sub agencies. EMWD has also requested information from subagencies regarding expected supply. When a subagency has provided demand projections, EMWD staff compared the projection with the EMWD projection for the agency and used the larger of the two projections. In the event that demand and supply projections were not available from a subagency, EMWD used method to project demand as was used in the retail portions of EMWD.

County of Riverside and Local Cities

In addition to meeting with the cities that are subagencies of EMWD, EMWD staff sent copies of the draft plan with information about the public hearing held December 7, 2005.

Public Outreach

Public Outreach efforts include:

- Article in the November 2005 customer newsletter (distribution to 111,000 accounts).
- Draft Urban Water Management Plan posted on the website since September 30, 2005 with contact information.
- Fliers distributed to:
 - Hemet-SJ Valley Chamber Luncheon
 - Valley Economic Development Corp. Board members
 - Southwest County Economic Development Corp. Board members
 - Attendees of the State Water Project inspection trip
- EMWD lobbies
- Presentations at the Slawson-Record Director Advisory Committee and Record-Siems Director Advisory Committee
- Public Notice published November 6 and 16, 2005.

Public Commentary

EMWD received comments on the Urban Water Management Plan from the Friends of the Northern San Jacinto Valley, the San Geronio Chapter of the Sierra Club, Moreno Valley Group, and the San Bernardino Valley Audubon Society represented by Sue Nash and the City of Hemet.

On the following pages is a schedule of meetings and copies of letters sent to agencies and cities. Included at the end of this appendix are the comments made and EMWD's response.

**2005 Urban Water Management Plan
Public Involvement Schedule**

Dec. 1 – 31, 2004	Finalize Preliminary Supply and Demand Projections
Jan 11, 2005	Meet with MWD Staff
Jan 26, 2005	Present UWMP to Board Planning Committee
Jan. 20-28, 2005	EMWD Staff Briefing A) Present Strategy and Schedule B) Discuss Assignments (Involved Work Groups)
Feb. 1, 2005	DWR Workshop
Feb. 2 – March 8, 2005	Sub Agency Technical Staff Briefing A) Present Strategy and Schedule B) Discuss Preliminary Projections C) Solicit Sub Agency Input D) Dates Feb 4, 2005 City of Perris Feb 9, 2005 City of Hemet Feb 8, 2005 Lake Hemet Municipal Water District Feb 28, 2005 City of San Jacinto March 8, 2005 Nuevo Water Company
May 23, 2005	MWD RUWMP Workshop
Aug 12, 2005	Release Preliminary Draft UWMP for Comments
Sept 23-Oct 28	Public Presentations of Draft UWMP
Sept 30, 2005	Draft Available on EMWD Website
Nov 3, 2005	Letters and Draft Sent to County and Cities
Nov 6 and 16, 2005	Public Notice Published
December 7, 2005	Public Hearing
December 21,2005	Adoption



February 15, 2005

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Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Mr. Wayne Spencer
General Manager
Murrieta County Water District
P. O. Box 949
Murrieta, CA 92564

Subject: Urban Water Management Plan

Dear Wayne:

Eastern Municipal Water District (EMWD) is beginning preparations of its 2005 Urban Water Management Plan (UWMP). Over the next several months we will be documenting our plan to provide reliable, quality water to our customers both retail and wholesale. EMWD's UWMP will discuss the sources of water that we provide and the demand for water in our rapidly growing service area. A comprehensive and accurate UWMP is required to fulfill EMWD's legal obligation to provide documentation of our ability to meet projected service demands and to insure eligibility in future state funded grant programs. It is also a very important tool used in preparing the water supply assessments required by Senate Bills 2210 and 610. As demand on EMWD's water supply continues to grow, it is imperative that the local communities we serve participate in the development of future demand projections and understand EMWD's strategy for meeting those demands.

State law requires EMWD to coordinate the development of its UWMP with the local agencies that may depend on EMWD to provide water either currently or within the next twenty years. We would like to ensure that projections of demand and growth that will be included in the UWMP accurately reflects what is occurring or expected to occur within Murrieta County Water District (MCWD). In order to share information, we have set up a meeting with you on February 25, 2005 at 2:00 PM at MCWD. We look forward to working with you at this meeting and throughout the process of preparing EMWD's UWMP. EMWD staff will provide information about growth projections and demand projections that we are anticipating from your agency, in order to receive your feedback. We would also like to discuss the schedule for plan preparation and providing information from EMWD that MCWD may need to prepare your UWMP should you decide to complete one.

A vital part of insuring reliability for EMWD's water supply is a continued effort to increase conservation. Conservation will play a major role in our UWMP and we would like to take this opportunity to discuss our goals and ideas about expanding conservation. As the population continues to grow, it is important that all existing and future development utilize conservation methods. Metropolitan

Mailing Address: Post Office Box 8300 Perris, CA 92572-8300 Telephone: (951) 928-3777 Fax: (951) 928-6177
Location: 2270 Trumble Road Perris, CA 92570 Internet: www.emwd.org

Mr. Wayne Spencer
February 15, 2005
Page 2

Water District of Southern California (MWD) requires any area requesting an annexation into MWD comply with "Best Management Practices" conservation measures be applied in all new and existing developments within the annexed area. MWD also uses conservation as a source of supply in their Integrated Resources Plan, which will be the source for their Regional UWMP. EMWD will be relying heavily on MWD's Regional UWMP to complete our own UWMP. Since water is such a precious resource for all of us we hope to work with you in expanding the role of conservation within this region.

If you have any questions or concerns, please contact Elizabeth Lovsted at (951) 928-3777, Ext 4307. We look forward to working with you and your staff.

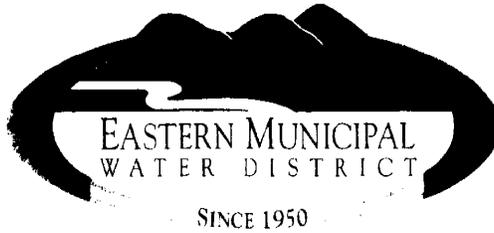
Sincerely



Anthony J. Pack
General Manager

AJP:EL:lar

Cc: Director Randy A. Record
Director Rodger D. Siems
Director Ronald W. Sullivan



February 15, 2005

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Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Mr. Daniel Delao
President, Board of Directors
Nuevo Water Company
30427 11th Street
Nuevo, CA 92567

Subject: Urban Water Management Plan

Dear Mr. Delao:

Eastern Municipal Water District (EMWD) is beginning preparations of its 2005 Urban Water Management Plan (UWMP). Over the next several months we will be documenting our plan to provide reliable, quality water to our customers both retail and wholesale. EMWD's UWMP will discuss the sources of water that we provide and the demand for water in our rapidly growing service area. A comprehensive and accurate UWMP is required to fulfill EMWD's legal obligation to provide documentation of our ability to meet projected service demands and to insure eligibility in future state funded grant programs. It is also a very important tool used in preparing the water supply assessments required by Senate Bills 2210 and 610. As demand on EMWD's water supply continues to grow, it is imperative that the local communities we serve participate in the development of future demand projections and understand EMWD's strategy for meeting those demands.

State law requires EMWD to coordinate the development of its UWMP with the local agencies that may depend on EMWD to provide water, either currently or within the next twenty years. We would like to ensure that projections of demand and growth that will be included in the UWMP, accurately reflects what is occurring or expected to occur within Nuevo Water Company (NWC). In order to share information, EMWD will be setting a meeting with NWC staff in the coming weeks. We look forward to working with NWC at this meeting and throughout the process of preparing EMWD's UWMP. EMWD staff will provide information about growth projections and demand projections that we are anticipating from your agency, in order to receive your feedback. We would also like to discuss the schedule for plan preparation and providing information from EMWD, which NWC may need to prepare a UWMP should you decide to complete one.

A vital part of insuring reliability for EMWD's water supply is a continued effort to increase conservation. Conservation will play a major role in our UWMP and we would like to take this opportunity to discuss our goals and ideas about expanding conservation. As the population continues to grow, it is important that all existing and future development utilize conservation methods. Metropolitan Water District of Southern California (MWD) requires any area requesting an

Mr. Daniel Delao
February 15, 2005
Page 2

annexation into MWD comply with "Best Management Practices" conservation measures be applied in all new and existing developments within the annexed area. MWD also uses conservation as a source of supply in their Integrated Resources Plan, which will be the source for their Regional UWMP. EMWD will be relying heavily on MWD's Regional UWMP to complete our own UWMP. Since water is such a precious resource for all of us, we hope to work with you in expanding the role of conservation within this region.

If you have any questions or concerns, please contact Elizabeth Lovsted at (951) 928-3777, Ext 4307. We look forward to working with you and your staff.

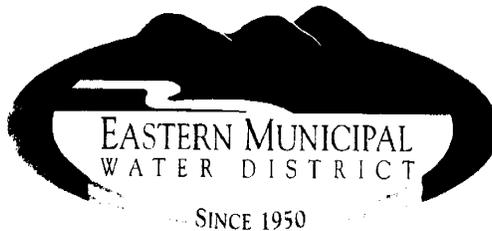
Sincerely



Anthony J. Pack
General Manager

AJP:EL:lar

Cc: Mr. Ed Piester, Nuevo Water Company
Director Randy Record
Director Rodger Siems
Director Ron Sullivan



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Legal Counsel

Redwine and Sherrill

Mr. Hector Apodaca, City Manager
City of Perris
101 North "D" Street
Perris, CA 92570

Subject: Urban Water Management Plan

Dear Mr. Apodaca:

Eastern Municipal Water District (EMWD) is beginning preparations of its 2005 Urban Water Management Plan (UWMP). Over the next several months we will be documenting our plan to provide reliable, quality water to our customers both retail and wholesale. EMWD's UWMP will discuss the sources of water that we provide and the demand for water in our rapidly growing service area. A comprehensive and accurate UWMP is required to fulfill EMWD's legal obligation to provide documentation of our ability to meet projected service demands and to insure eligibility in future state funded grant programs. It is also a very important tool used in preparing the water supply assessments required by Senate Bills 2210 and 610. As demand on EMWD's water supply continues to grow, it is imperative that the local communities we serve participate in the development of future demand projections and understand EMWD's strategy for meeting those demands.

State law requires EMWD to coordinate the development of its UWMP with the local agencies that may depend on EMWD to provide water either currently or within the next twenty years. We would like to ensure that projections of demand and growth that will be included in the UWMP, accurately reflects what is occurring or expected to occur within the City of Perris. In order to share information, EMWD has already met with Kirk Cloyd from the City. We provided our information about growth projections and demand projections that we are anticipating from your agency, in order to receive your feedback. We also discussed the schedule for plan preparation and providing information from EMWD, which the City may need to prepare a UWMP, should you decide to complete one. In the coming month, we will be working with representatives from all of our agencies to prepare a draft document. In June of 2005 we hope to release the draft for comments and review.

A vital part of insuring reliability for EMWD's water supply is a continued effort to increase conservation. Conservation will play a major role in our UWMP. As the population continues to grow, it is important that all existing and future development utilize conservation methods. Metropolitan Water District of Southern California (MWD) requires any area requesting an annexation into MWD, comply with "Best Management Practices" conservation measures be

Mr. Hector Apodaca
February 15, 2005
Page 2

applied in all new and existing developments within the annexed area. MWD also uses conservation as a source of supply in their Integrated Resources Plan, which will be the source for their Regional UWMP. EMWD will be relying heavily on MWD's Regional UWMP to complete our own UWMP. Since water is such a precious resource for all of us we hope to work with you in expanding the role of conservation within this region.

We appreciate the effort the City of Perris has made in meeting with us. We anticipate your feedback on the information we provided and encourage any comments or questions you may have about EMWD's UWMP. If you have any questions or concerns, please contact Elizabeth Lovsted at (951) 928-3777, Ext 4307. We look forward to working with you and your staff.

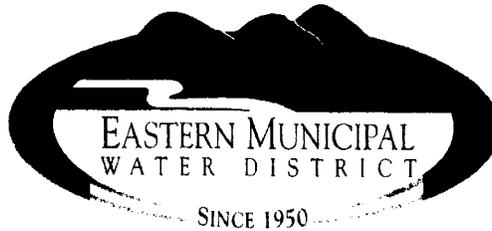
Sincerely



Anthony J. Pack
General Manager

AJP:EL:lar

Cc: Mr. Kirk Cloyd, City of Perris
Director Randy Record
Director Rodger Siems
Director Ronald Sullivan



February 15, 2005

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Mr. Steve Temple, City Manager
City of Hemet
445 E. Florida Avenue
Hemet, CA 92543

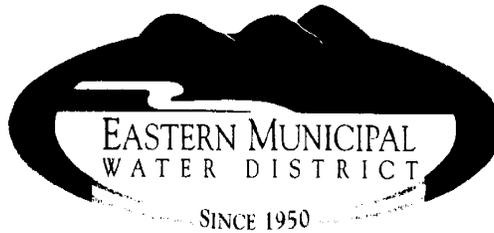
Subject: Urban Water Management Plan

Dear Steve:

Eastern Municipal Water District (EMWD) is beginning preparations of its 2005 Urban Water Management Plan (UWMP). Over the next several months we will be documenting our plan to provide reliable, quality water to our customers both retail and wholesale. EMWD's UWMP will discuss the sources of water that we provide and the demand for water in our rapidly growing service area. A comprehensive and accurate UWMP is required to fulfill EMWD's legal obligation to provide documentation of our ability to meet projected service demands and to insure eligibility in future state funded grant programs. It is also a very important tool used in preparing the water supply assessments required by Senate Bills 2210 and 610. As demand on EMWD's water supply continues to grow, it is imperative that the local communities we serve participate in the development of future demand projections and understand EMWD's strategy for meeting those demands.

State law requires EMWD to coordinate the development of its UWMP with the local agencies that may depend on EMWD to provide water either currently or within the next twenty years. We would like to ensure that projections of demand and growth that will be included in the UWMP accurately reflects what is occurring or expected to occur within the City of Hemet. In order to share information, EMWD met with Linda Nixon from the City. We provided to her, our information about growth projections and demand projections that we are anticipating for your agency in order to receive your feedback. We also discussed the schedule for plan preparation and provided information from EMWD, which the City will need to prepare your UWMP. In the coming months we will continue to work with representatives from all of our agencies to prepare a draft document. In June of 2005, we hope to release the draft for comments and review.

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Legal Counsel

Redwine and Sherrill

Mr. Rob Lindquist
General Manager
Lake Hemet Municipal Water District
P. O. Box 5039
Hemet, CA 92544-5039

Subject: Urban Water Management Plan

Dear Rob:

Eastern Municipal Water District (EMWD) is beginning preparations of its 2005 Urban Water Management Plan (UWMP). Over the next several months we will be documenting our plan to provide reliable, quality water to our customers both retail and wholesale. EMWD's UWMP will discuss the sources of water that we provide and the demand for water in our rapidly growing service area. A comprehensive and accurate UWMP is required to fulfill EMWD's legal obligation to provide documentation of our ability to meet projected service demands and to insure eligibility in future state funded grant programs. It is also a very important tool used in preparing the water supply assessments required by Senate Bills 2210 and 610. As demand on EMWD's water supply continues to grow, it is imperative that the local communities we serve participate in the development of future demand projections and understand EMWD's strategy for meeting those demands.

State law requires EMWD to coordinate the development of its UWMP with the local agencies that may depend on EMWD to provide water either currently or within the next twenty years. We would like to ensure that projections of demand and growth that will be included in the UWMP accurately reflects what is occurring or expected to occur within Lake Hemet Municipal Water District (LHMWD). In order to share information, EMWD will be meeting with staff from LHMWD on February 17, 2005 at 1:00 PM at LHMWD. We encourage you and your staff to participate in this meeting and the process of preparing EMWD's UWMP. EMWD staff will provide information about growth projections and demand projections that we are anticipating from your agency, in order to receive your feedback. We would also like to discuss the schedule for plan preparation and providing information from EMWD that LHMWD may need to prepare your UWMP.

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Mr. Rob Lindquist
February 15, 2005
Page 2

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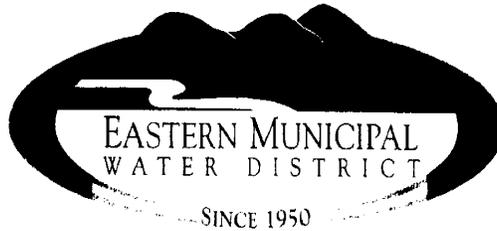
Sincerely



Anthony J. Pack
General Manager

AJP:EL:lar

Cc: Mr. John Loncar, LHMWD
Director Randy Record
Director Rodger Siems
Director Ronald Sullivan



February 15, 2005

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Director of the

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Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Mr. Peter Cosentini, City Manager
City of San Jacinto
P.O. Box 488
San Jacinto, CA 92581

Subject: Urban Water Management Plan

Dear Peter:

Eastern Municipal Water District (EMWD) is beginning preparations of its 2005 Urban Water Management Plan (UWMP). Over the next several months we will be documenting our plan to provide reliable, quality water to our customers both retail and wholesale. EMWD's UWMP will discuss the sources of water that we provide and the demand for water in our rapidly growing service area. A comprehensive and accurate UWMP is required to fulfill EMWD's legal obligation to provide documentation of our ability to meet projected service demands and to insure eligibility in future state funded grant programs. It is also a very important tool used in preparing the water supply assessments required by Senate Bills 2210 and 610. As demand on EMWD's water supply continues to grow, it is imperative that the local communities we serve participate in the development of future demand projections and understand EMWD's strategy for meeting those demands.

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Mr. Peter Cosentini
February 15, 2005
Page 2

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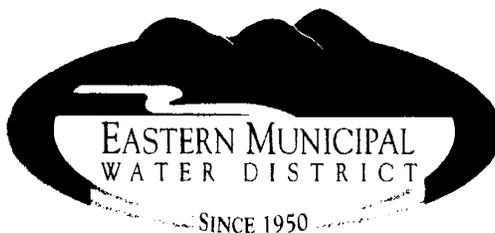
Sincerely



Anthony J. Pack
General Manager

AJP:EL:lar

Cc: Mr. Tim Hults
Director Randy Record
Director Rodger Siems
Director Ronald Sullivan



February 15, 2005

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Legal Counsel

Redwine and Sherrill

Mr. Wayne Spencer
General Manager
Murrieta County Water District
P. O. Box 949
Murrieta, CA 92564

Subject: Urban Water Management Plan

Dear Wayne:

Eastern Municipal Water District (EMWD) is beginning preparations of its 2005 Urban Water Management Plan (UWMP). Over the next several months we will be documenting our plan to provide reliable, quality water to our customers both retail and wholesale. EMWD's UWMP will discuss the sources of water that we provide and the demand for water in our rapidly growing service area. A comprehensive and accurate UWMP is required to fulfill EMWD's legal obligation to provide documentation of our ability to meet projected service demands and to insure eligibility in future state funded grant programs. It is also a very important tool used in preparing the water supply assessments required by Senate Bills 2210 and 610. As demand on EMWD's water supply continues to grow, it is imperative that the local communities we serve participate in the development of future demand projections and understand EMWD's strategy for meeting those demands.

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Mr. Wayne Spencer
February 15, 2005
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If you have any questions or concerns, please contact Elizabeth Lovsted at (951) 928-3777, Ext 4307. We look forward to working with you and your staff.

Sincerely



Anthony J. Pack
General Manager

AJP:EL:lar

Cc: Director Randy A. Record
Director Rodger D. Siems
Director Ronald W. Sullivan



SINCE 1950

August 12, 2005

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Treasurer

Jessiph J. Kuebler, CPA

Legal Counsel

Redwine and Sheriff

Nick Larkin
P&D Consultants
8954 Rio San Diego Drive, Suite 610
San Diego, CA 92108

Subject: Draft Urban Water Management Plan for Eastern Municipal Water District

Dear Mr. Larkin,

Per your request, enclosed is a draft copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (UWMP). This is the first draft of this document and should not be considered final for any purpose. The information contained in the draft is considered preliminary and subject to change.

EMWD is accepting comments on this draft through August 31, 2005 and will publish a subsequent draft after September 16, 2005 for public review and comment. The final Plan is expected to be submitted to EMWD's Board of Directors at the end of November.

Please send any comments or questions on this draft to me by e-mail at lovstede@emwd.org or contact me by phone at 951-928-3777 Ext. 4307.

Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer
Resource Development

for,

EL:lar

Enclosure



August 12, 2005

Board of Directors

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Legal Counsel
Redwine and Sherrill

Jim Blanke
WRIME
1451 Riverbank Drive, Suite 142
Sacramento, CA 95815

Subject: Draft Urban Water Management Plan for Eastern Municipal Water District

Dear Mr. Blanke,

Per your request, enclosed is a draft copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (UWMP). This is the first draft of this document and should not be considered final for any purpose. The information contained in this draft is considered preliminary and subject to change.

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Please send any comments or questions on this draft to me by e-mail at lovstede@emwd.org or contact me by phone at 951-928-3777 Ext. 4307.

Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer
Resource Development

EL:lar

Enclosure

for,



August 12, 2005

Board of Directors

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Randy A. Record

Treasurer
Joseph J. Kuebler, CPA

Legal Counsel
Redwine and Sherrill

Jenny Arevalo
861 Village Oaks Drive, Ste. 100
Covina, CA 91724

Subject: Draft Urban Water Management Plan for Eastern Municipal Water District

Dear Ms. Arevalo:

Per your request, enclosed is a draft copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (EMWD). This is the first draft of this document and should not be considered final for any purpose. The information contained in this draft is considered preliminary and subject to change.

EMWD is accepting comments on this draft through August 31, 2005 and will publish a subsequent draft after September 16, 2005 for public review and comment. The final Plan is expected to be submitted to EMWD's Board of Directors at the end of November.

Please send any comments or questions on this draft to me by e-mail at lovstede@emwd.org or contact me by phone at 951-928-3777 Ext. 4307.

Sincerely,


Elizabeth Lovsted
Facilities Planner/Engineer
Resource Development



EL:lar

Enclosure



August 10, 2005

SINCE 1950

Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall

Rodger D. Siems

Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Pack

Director of the

Metropolitan Water

District of So. Calif.

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Tim Hulte
Community Development Director
City of San Jacinto
201 E. Main Street
San Jacinto, CA 92583

Subject: Draft Urban Water Management Plan for Easter Municipal Water District

Dear Mr. Hulte;

Enclosed is a copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (UWMP). This Plan has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Please review the Plan and return any comments by August 31, 2005 for incorporation into the final draft.

In addition to comments on EMWD's Urban Water Management Plan, EMWD would also like to request the following information about your agency:

- 1) Retail municipal and industrial demands for normal, dry and multiple dry years;
- 2) Total agricultural demands for normal, dry and multiple dry years;
- 3) Demands for EMWD supplies for normal, dry and multiple dry years, for the following:
 - a. Basic demands
 - b. Agricultural Water Demands
- 4) Brief descriptions of the assumptions underlying the projections, if available.

This information should meet the requirements of Water Code Section 10631 (k) and allow EMWD to compare EMWD projections to sub agency projections. The information received will be attached as an appendix to the 2005 UWMP.

We are intending to make a revised draft of the Plan available to the public on EMWD's website after September 16, 2005. At that time, we would like to schedule a presentation of the Plan at your work site, if requested.

If you have any questions, please contact me at (951) 928-3777, Ext. 4307. Thank you for your assistance.

Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer
EL:lar
Attachments



August 10, 2005

SINCE 1950

Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall

Rodger D. Siems

Ronald W. Sullivan

Board Secretary

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General Manager

Anthony J. Paek

Director of the

Metropolitan Water

District of So. Calif.

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Mitch Freeman
Lake Hemet Municipal Water District
2480 East Florida Avenue
P.O. Box 5039
Hemet, CA 92544

Subject: Draft Urban Water Management Plan for Easter Municipal Water District

Dear Mr. Freeman;

Enclosed is a copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (UWMP). This Plan has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Please review the Plan and return any comments by August 31, 2005 for incorporation into the final draft.

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Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer
EL:lar
Attachments



August 10, 2005

SINCE 1950

Board of Directors

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Vice President

David J. Slawson

Richard R. Hall

Rodger D. Siems

Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Pack

Director of the

Metropolitan Water

District of So. Calif.

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Ed Piester
Nuevo Water Company
30427 11th Street
Nuevo, CA 92567

Subject: Draft Urban Water Management Plan for Eastern Municipal Water District

Dear Mr. Piester;

Enclosed is a copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (UWMP). This Plan has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Please review the Plan and return any comments by August 31, 2005 for incorporation into the final draft.

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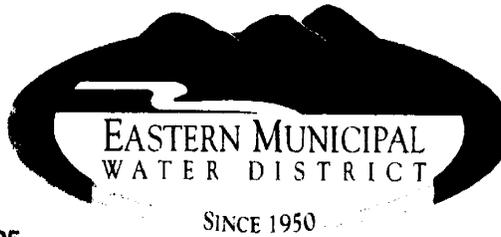
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Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer

EL:lar
Attachments



August 10, 2005

Kirk Cloyd
Public Works Superintendent
City of Perris
1015 S. "G" Street
Perris, CA 92570-2410

Subject: Draft Urban Water Management Plan for Eastern Municipal Water District

Dear Mr. Cloyd;

Enclosed is a copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (UWMP). This Plan has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Please review the Plan and return any comments by August 31, 2005 for incorporation into the final draft.

In addition to comments on EMWD's Urban Water Management Plan, EMWD would also like to request the following information about your agency:

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- 3) Demands for EMWD supplies for normal, dry and multiple dry years, for the following:
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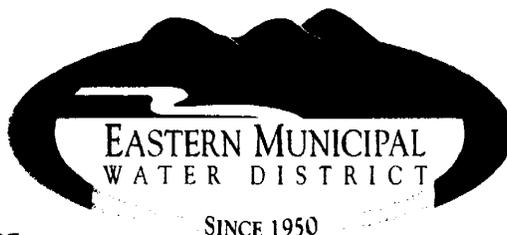
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If you have any questions, please contact me at (951) 928-3777, Ext. 4307. Thank you for your assistance.

Sincerely,


Elizabeth Lovsted
Facilities Planner/Engineer

EL:lar
Attachments



August 10, 2005

Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall
Rodger D. Stems
Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Paek

**Director of the
Metropolitan Water
District of So. Calif.**

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Linda Nixon
Management Assistant
City of Hemet
Public Works/Engineering
510 E Florida Ave.
Hemet, CA 92543

Subject: Draft Urban Water Management Plan for Eastern Municipal Water District

Dear Ms. Nixon,

Enclosed is a copy of Eastern Municipal Water District's (EMWD) Urban Water Management Plan (UWMP). This Plan has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Please review the Plan and return any comments by August 31, 2005 for incorporation into the final draft.

In addition to comments on EMWD's Urban Water Management Plan, EMWD would also like to request the following information about your agency:

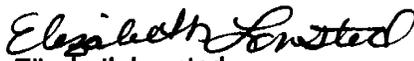
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If you have any questions, please contact me at (951) 928-3777, Ext. 4307. Thank you for your assistance.

Sincerely,


Elizabeth Lovsted
Facilities Planner/Engineer
EL:lar
Attachments

Eastern Municipal Water District

Urban Water Management Plan



To request a copy of the draft plan or if you have any comments or questions about the Urban Water Management Plan, please contact Elizabeth Lovsted at lovstede@emwd.org or 951-928-3777, ext. 4307. In addition, the draft UWMP for 2005 will be available on EMWD's web site, emwd.org, by September 31, 2005 for review and comments.

P.O. Box 8300, Perris, CA 92572
2270 Trumble Road, Perris, CA
92570

951-928-3777, ext. 4307
www.emwd.org



Eastern Municipal Water District (EMWD) is located in one of the fastest growing regions in the nation, and with a growing population comes a growing demand for water. Over the next 25 years, demand for water within EMWD's service area will increase more than 75 percent. EMWD has a mission to provide safe and reliable fresh water, wastewater management services and recycled water to our community in an economic, efficient, and responsible manner, now and in the future.

To meet the needs of the growing population, EMWD has developed a plan to supply water using imported water, local groundwater and recycled water. In addition to supplying more water, EMWD encourages efficient water use through rebates for water saving devices, education and other conservation practices.

EMWD has prepared a draft of the *2005 Urban Water Management Plan (UWMP)*. The plan is an update to the 2000 UWMP and has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Included in the plan is detailed information about EMWD's water demand, supply and reliability for the next 25 years.

To request a copy of the draft plan or if you have any comments or questions about the UWMP, please contact Elizabeth Lovsted at lovstede@emwd.org or (951) 928-3777, ext. 4307. In addition, the draft UWMP for 2005 will be available on EMWD's web site, www.emwd.org, by September 31, 2005 for review and comments.



AGENDA

BOARD PLANNING COMMITTEE

September 26, 2005

Conf. Rm. 217 – 10:00 a.m.

COMMITTEE MEMBERS:

Rodger D. Siems, Board Member
Randy A. Record, Board Member
Ronald W. Sullivan, Board Member
Tony Pack, General Manager
P. Ravishanker, Deputy General Manager
Charlie Bachmann, Assistant GM of Engineering
Mike Luker, Assistant GM of Operations and Maintenance
Mike Garner, Assistant General Manager of Resource Development and Planning

PUBLIC COMMENT - Any subject within the jurisdiction of Eastern Municipal Water District (EMWD). Speakers are requested to limit comments to 3 minutes.

Guest: *None anticipated*

- I. Item(s) from the General Manager
- II. Water Supply Assessment for Spec 212, Tract Map 30037
- III. Urban Water Management Plan
- IV. Ethanac Commercial / Business Connection
- V. Other Item(s)
- VI. Tentative date for next meeting: October 27, 3:00 p.m.



Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall

Redger D. Siems

Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Pack

*Director of the
Metropolitan Water
District of So. Calif.*

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

TRANSMITTAL COVER LETTER

Resource Development

DATE: October 14, 2005

TO: Charolette Fox, Director
League of Women Voters California

FROM: Beth Lovsted

SUBJECT: EMWD - Draft Urban Water Management Plan

Please Review & Provide Comments _____

For Your Review _____

Per Your Request X

Please Sign & Return _____

If you have any questions, please call (951) 928-3777, Ext. 4307

Beth Lovsted
Facilities/Planner Engineer

J:\WORDPROC\WPRES_DEV\FORMS\TRANSLET.WPD



November 3, 2005

SINCE 1950

Mr. Jack McGee
Director of Planning
City of Murrieta
26442 Beckman Ct.
Murrieta, CA 92562

Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall
Rodger D. Siems
Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Pack

**Director of the
Metropolitan Water
District of So. Calif.**

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Dear Mr. McGee:

Eastern Municipal Water District (EMWD) has prepared a draft of the 2005 Urban Water Management Plan (UWMP). This plan is an update to the 2000 UWMP for EMWD and has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Included in the plan is detailed information about EMWD's water demand, supply and reliability for the next twenty-five years.

EMWD has a mission to provide safe and reliable water and wastewater management services to our community in an economic, efficient, and responsible manner, now and in the future. Over the next twenty-five years the demand for water in EMWD's service area will increase by over 100,000 acre-feet per year. That is a more than 75 percent increase in water demand. To meet the growing demand, EMWD has to supply water with innovation, reliability and efficiency. EMWD has three water supply sources; water imported through Metropolitan Water District of Southern California from Northern California and the Colorado River, local groundwater, and recycled water. Imported water supplies include both potable water treated by MWD and non-potable water. Non-potable water is either treated by EMWD for potable use, used for agricultural that does not require potable water, or percolated down into the groundwater basins for future groundwater extraction. Groundwater supplies consist of potable quality groundwater used for direct customer consumption and desalinated, low-quality ground water treated for potable use. Recycled water is also an important water supply for non-potable purposes. In addition to supplying more water, EMWD is determined to encourage efficient water use through rebates for water saving devices, education and other conservation practices described in the UWMP.

Please review the enclosed copy of the EMWD 2005 Draft Urban Water Management Plan. The final plan will be used to support any water supply assessments and verifications required after its adoption. There will be a public meeting to consider the approval of the 2005 Urban Water Management Plan on December 7, 2005 at 1:00 p.m. or as soon thereafter as possible, in Eastern Municipal Water District's Board Room. EMWD staff is also available to meet with you individually to discuss the UWMP upon request. Please send any comment or concerns you would like addressed in the UWMP to Elizabeth Lovsted at lovstede@emwd.org or 951-928-3777, Ext. 4307 by December 7, 2005.

Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer

EL:lar
Enclosure

J:\WORDPROC\WORD\Res_dev\Lovsted\UWMP\CitiesPlanningDirectors.doc

Mailing Address: Post Office Box 8300 Perris, CA 92572-8300 Telephone: (951) 928-3777 Fax: (951) 928-6177
Location: 2270 Trumble Road Perris, CA 92570 Internet: www.emwd.org



November 3, 2005

SINCE 1950

Ms. Debbie Ubnoske
Director of Planning
City of Temecula
43174 Business Park Dr.
Temecula, CA 92591

Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall
Rodger D. Siems
Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Pack

**Director of the
Metropolitan Water
District of So. Calif.**

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Dear Ms. Ubnoske:

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Enclosure



November 3, 2005

SINCE 1950

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Anthony J. Paek

**Director of the
Metropolitan Water
District of So. Calif.**

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

Mr. Robert Johnson
Planning Director
Planning Department
County of Riverside
4080 Lemon Street
Riverside, CA 92502-1629

Dear Mr. Johnson:

Eastern Municipal Water District (EMWD) has prepared a draft of the 2005 Urban Water Management Plan (UWMP). This plan is an update to the 2000 UWMP for EMWD and has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Included in the plan is detailed information about EMWD's water demand, supply and reliability for the next twenty-five years.

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Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer
EL:lar
Enclosure

Mailing Address:

J:\WORDPROC\WORD\Res_dev\Lovsted\UWMP\CitiesPlanningDirectors.doc
Post Office Box 8300 Perris, CA 92572-8300 Telephone: (951) 928-3777 Fax: (951) 928-6177
Location: 2270 Trumble Road Perris, CA 92570 Internet: www.emwd.org



November 3, 2005

SINCE 1950

Ms. Olivia Barnes
Director of Community Development
City of Perris
101 N. "D" Street
Perris, CA 92572

Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall
Rodger D. Siems
Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Pack

**Director of the
Metropolitan Water
District of So. Calif.**

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

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Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer

EL:lar
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Location: 2270 Trumble Road Perris, CA 92570 Internet: www.emwd.org



November 3, 2005

SINCE 1950

Mr. John Terell
Planning Official
City of Moreno Valley
14177 Frederick Blvd.
Moreno Valley, CA 92555

Board of Directors

President

Randy A. Record

Vice President

David J. Slawson

Richard R. Hall
Rodger D. Siems
Ronald W. Sullivan

Board Secretary

Rosemarie V. Howell

General Manager

Anthony J. Pack

**Director of the
Metropolitan Water
District of So. Calif.**

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

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Elizabeth Lovsted
Facilities Planner/Engineer

EL:lar
Enclosure

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Location: 2270 Trumble Road Perris, CA 92570 Internet: www.emwd.org



November 3, 2005

SINCE 1950

Mr. Richard Masyczek
Director of Planning
City of Hemet
445 E. Florida Avenue
Hemet, CA 92543

Board of Directors

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Dear Mr. Masyczek:

Eastern Municipal Water District (EMWD) has prepared a draft of the 2005 Urban Water Management Plan (UWMP). This plan is an update to the 2000 UWMP for EMWD and has been prepared in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Included in the plan is detailed information about EMWD's water demand, supply and reliability for the next twenty-five years.

EMWD has a mission to provide safe and reliable water and wastewater management services to our community in an economic, efficient, and responsible manner, now and in the future. Over the next twenty-five years the demand for water in EMWD's service area will increase by over 100,000 acre-feet per year. That is a more than 75 percent increase in water demand. To meet the growing demand, EMWD has to supply water with innovation, reliability and efficiency. EMWD has three water supply sources; water imported through Metropolitan Water District of Southern California from Northern California and the Colorado River, local groundwater, and recycled water. Imported water supplies include both potable water treated by MWD and non-potable water. Non-potable water is either treated by EMWD for potable use, used for agricultural that does not require potable water, or percolated down into the groundwater basins for future groundwater extraction. Groundwater supplies consist of potable quality groundwater used for direct customer consumption and desalinated, low-quality ground water treated for potable use. Recycled water is also an important water supply for non-potable purposes. In addition to supplying more water, EMWD is determined to encourage efficient water use through rebates for water saving devises, education and other conservation practices described in the UWMP.

Please review the enclosed copy of the EMWD 2005 Draft Urban Water Management Plan. The final plan will be used to support any water supply assessments and verifications required after its adoption. There will be a public meeting to consider the approval of the 2005 Urban Water Management Plan on December 7, 2005 at 1:00 p.m. or as soon thereafter as possible, in Eastern Municipal Water District's Board Room. EMWD staff is also available to meet with you individually to discuss the UWMP upon request. Please send any comment or concerns you would like addressed in the UWMP to Elizabeth Lovsted at lovstede@emwd.org or 951-928-3777, Ext. 4307 by December 7, 2005.

Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer

EL:lar
Enclosure



November 3, 2005

SINCE 1950

Mr. Tim Hults
Community Development Director
City of San Jacinto
201 E. Main Street
San Jacinto, CA 92583

Board of Directors

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*Director of the
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Please review the enclosed copy of the EMWD 2005 Draft Urban Water Management Plan. The final plan will be used to support any water supply assessments and verifications required after its adoption. There will be a public meeting to consider the approval of the 2005 Urban Water Management Plan on December 7, 2005 at 1:00 p.m. or as soon thereafter as possible, in Eastern Municipal Water District's Board Room. EMWD staff is also available to meet with you individually to discuss the UWMP upon request. Please send any comment or concerns you would like addressed in the UWMP to Elizabeth Lovsted at lovstede@emwd.org or 951-928-3777, Ext. 4307 by December 7, 2005.

Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer

EL:lar
Enclosure

Mailing Address:

J:\WORDPROC\WORD\Res_dev\Lovsted\UWMP\CitiesPlanningDirectors.doc
Post Office Box 8300 Perris, CA 92572-8300 Telephone: (951) 928-3777 Fax: (951) 928-6177
Location: 2270 Trumble Road Perris, CA 92570 Internet: www.emwd.org

Ad Number: B06/B08766137
Customer: EMWD
Purge: 03-02-06
Size: A 3.00 X 7.50

Operator: millard
Sales Person: CASTRO MV45
Run Date: 11-06-05



NOTICE OF A PUBLIC HEARING TO CONSIDER APPROVAL OF THE EASTERN MUNICIPAL WATER DISTRICT'S 2005 URBAN WATER MANAGEMENT PLAN

Eastern Municipal Water District (EMWD) is located in one of the fastest growing regions in the nation, and with a growing population, comes a growing demand for water. Over the next 25 years, demand for water within EMWD's service area will increase more than 75 percent. EMWD has a mission to provide safe and reliable fresh water, wastewater management services and recycled water to our community in an economic, efficient, and responsible manner, now and in the future.

EMWD has prepared a draft of the 2005 Urban Water Management Plan (UWMP). The plan is an update to the 2000 UWMP for EMWD and has been developed in response to Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act. Included in the plan is detailed information about EMWD's water demand, and supply and reliability for the next twenty-five years. The UWMP is available for review on EMWD's web site, www.emwd.org.

A public meeting of the EMWD Board of Directors to consider the approval of EMWD's 2005 Urban Water Management Plan, will be held on December 7, 2005 at 1:00 p.m. or as soon thereafter as possible, in the Board Room at EMWD's headquarters:

**Eastern Municipal Water District
2270 Trumble Road
Perris, CA 92572**

Public input is encouraged, appreciated and will be considered during finalization of the 2005 UWMP. Any comments on the UWMP or requests for more information should be sent to:

**Eastern Municipal Water District
Attention: Ms. Elizabeth Lovsted
lovstede@emwd.org
P.O. Box 8300
Perris, CA 92572-8300**

E-mail or written comments are due by December 7, 2005.

Comments from the City of Hemet

-----Original Message-----

From: Linda Nixon [mailto:LNixon@cityofhemet.org]
Sent: Wednesday, December 07, 2005 4:37 PM
To: Lovsted, Elizabeth
Subject: EMWD 2005 Draft UWMP

Hi Elizabeth -

We have reviewed the EMWD 2005 Draft UWMP (dated 07-15-2005) and have the following comments:

1. Page 18 - Water Levels -

Reference to Figure 3.3, should be changed to 3.4.

2. Page 18 - Table 3.2 - Average Changes in Groundwater Storage, 2003-2004

Decrease of -5,900 AF in Hemet South subbasin seems too high. Would like to see data recorded in terms of change in static well levels included in this chart in addition to AF.

3. Page 24 - Table 3.3 - Groundwater Extraction West San Jacinto Groundwater Management

Total GW Production for Hemet South is listed at 90 AF and a notation indicates this is a partial figure. However the paragraph immediately above the chart indicates "This extraction accounts for all of the groundwater extracted from the basin, not just the extraction by EMWD." If this is true, 90 AF does not appear to be an accurate figure. Please clarify.

4. Page 25 - Groundwater Pumping Rights

In first and third paragraphs of this section, we question the accuracy of statements concerning "appropriative rights." Please clarify.

Thanks for the opportunity to comment.

Linda Nixon
City of Hemet
Public Works Engineering Department
510 E. Florida Avenue
Hemet, CA 92543

Response to the City of Hemet

Linda,
In response to your comments:

1. Page 18 - Water Levels -

Reference to Figure 3.3, should be changed to 3.4.

There was some changes to the order of the figures Figure 3.2 is the Hemet/San Jacinto Water Management Area Water level Contour Map and Figure 3.5 is the West San Jacinto Basin Water Contour Map. The references have been changed.

2. Page 18 - Table 3.2 - Average Changes in Groundwater Storage, 2003-2004

Decrease of -5,900 AF in Hemet South sub basin seems too high. Would like to see data recorded in terms of change in static well levels included in this chart in addition to AF.

This table was copied from the annual report and calculated using the static level from several wells input into a three dimensional model. Fakhri Manghi at MWD makes the estimation on a GIS model and would be glad to give you additional information. You can contact him at manghhif@emwd.org. The annual report is available for review at EMWD.org

3. Page 24 - Table 3.3 - Groundwater Extraction West San Jacinto Groundwater Management

Total GW Production for Hemet South is listed at 90 AF and a notation Indicates this is a partial figure. However the paragraph immediately above the chart indicates "This extraction accounts for all of the groundwater extracted from the basin, not just the extraction by EMWD." If this is true, 90 AF does not appear to be an accurate figure. Please clarify.

Table 3.3 is for the West San Jacinto Groundwater Management Area, which only contains a small portion of the Hemet South Basin. I have added notation to clarify this.

4. Page 25 - Groundwater Pumping Rights

In first and third paragraphs of this section, we question the accuracy of statements concerning "appropriative rights." Please clarify.

The Groundwater pumping rights section has been revised and no longer refers to appropriative rights.

I hope this addresses your concerns. I am attaching a copy of the revised UWMP Section 3 for your information. The entire document including appendices will be available on emwd.org in the coming weeks and of course we will be sending the city a copy of the document as well.

Thank you for your assistance,
Elizabeth Lovsted, P.E.
Facilities Planner/Engineer
Eastern Municipal Water District
951.928.3777 ext. 4307

Comments from Sue Nash

This letter was presented to the Board on December 7, 2005

December 7, 2005
Susan Nash
PO Box 253
Nuevo CA 92567
951-928-3698
snash22@earthlink.net

Board of Directors
Eastern Municipal Water District
P.O. Box 8300
Perris CA 92572-8300

Re: Urban Water Management Plan (draft) 2005

The Friends of the Northern San Jacinto Valley, the San Geronio Chapter of the Sierra Club, Moreno Valley Group, and the San Bernardino Valley Audubon Society submit these concerns regarding compliance of the 2005 UWMD prepared by EMWD with the California Urban Water Management Plan (Water Code section 10610 et. Seq.)

There was no apparent involvement of diverse social, cultural and economic elements of the population within the service area prior to and during the preparation of the plan. There was one newspaper ad, but we believe the law requires that more than one announcement be placed in the paper as to the time and place of comments and meetings to discuss and adopt the plan. The San Jacinto River Watershed Council (with whom EMWD allegedly cooperated on the recycling plan) was not noticed. Many important documents mentioned were not listed as being in an appendix. Appendix A and D which were mentioned in the text are not in the document. Where are Appendix B and C? Are there any more?

There were two Integrated Regional Water Management Plans mentioned (MWD and Santa Ana) but neither was attached, or even a web page mentioned where one could check them out. Many other documents were mentioned regarding the groundwater management plans and other matters; however, no web page or other information on how the public might read these documents is given.

There is no record of who was contacted and given copies for review or when. Like me, they may not have been told when comments were due and when meetings were to be held, without making phone calls.

The document does not give year by year historical data on how much water has been received from the State Water Project, the Colorado River, from MWD overflow to recharge and from groundwater.

The entire groundwater discussion is extremely difficult to decipher. The management plan for one basin is in a missing appendix, the management plan for the other is simply not there yet, and there is no way to locate all the supporting documents mentioned. Maybe in those documents there is a discussion of the analysis of the groundwater by Dr. Tien C. Lee, University of California, Riverside, CA. It is important that the public know the basis for the groundwater supply projections being made.

The reliability of supply is stated, but not discussed. There is no analysis of how often the supply from MWD has fallen short and by how much. There is no mention (as there was in the California State Water Plan draft) of the impacts of Global Warming causing rising ocean levels and the

permanent flooding of the Bay-Delta levees with saltwater; “peak oil” causing rising energy prices and reducing the affordability of potable water; and the complete lack of northern California Water for many months in the event of a major earthquake in northern California.

Water use by customer type is confusing. The plan seems to first indicate farming is going away, and then it says farming use will stay the same. It is not clear which kind of farming is being discussed—citrus? dairy?

It appears that EMWD does not really want to encourage conservation because it reduces revenue. This is especially true for the reluctance to use conservation measures in case of a complete shut off, such as an earthquake in the Bay Area. The State Water Plan is quite clear that its goal is to provide AFFORDABLE POTABLE water to all Californians and spends a considerable amount of time discussing the high number of Californians without potable water. Over 47% of the residents of the San Jacinto River Watershed live below the poverty level. Instead of demanding that developers use less water, EMWD provides water for sod farmers in the San Jacinto Valley and does not mind that most of the City of Moreno Valley’s landscaping water ends up in the streets.

Although desalinization is said to be a reliable source of water, this is contradicted because of the high cost of disposing of the brine water. The elimination of brine is a speculative technology.

The current and projected supply of wholesale water is missing. The contracts with MWD regarding how much water they can supply from each source could not be found. There is apparently no information regarding how much water MWD has promised in the past and failed to deliver. We could find no indication of what the contracts with MWD look like and how they have been fulfilled in the past. This information would have to include the issues of global warming, peak oil and contamination of water.

Most obviously missing is any chart which shows how much water is going to be needed, given the projected growth by SCAG and EMWD’s own experts, and how those figures match up with the amount of water MWD is promising to deliver each year. Even if MWD could actually deliver, we could not find any charts or text indicating how demand and supply for the next 20 years match up.

The water shortage contingency plan does not indicate in detail how water is going to be supplied. For instance, if there is an earthquake in the Bay Area, how long will we be without imported water? How much groundwater will have to be shared among how many people? How long will that last? How will industry be affected? And what will happen to food prices when water to agriculture is cut off?

The recycled water plan does not include the documents mentioned, so it is hard to tell what the status actually is.

The water quality impacts on reliability are without any basis. The documents indicate there are serious problems and task forces, but no details about what the extent of the problems are, how much water supply could be reduced and what is or can be done to solve these problems. (see Friends of the Santa Clara River v. Castaic Lake Water Agency, 2004)

There are a lot of charts, but no text on where EMWD’s water is coming from and how. These “assurances” of plenty of water are inconsistent with both the State Water Plan (draft) and the Open Space Water Supply element of the Riverside County General Plan. In which case, there are “assurances” with no reliable basis and which do not meet the requirements of the UWMP Act.

In order for the public to read this document with any understanding and to have any assurance that it complies with the UWMP Act and that it can meet the requirements of Senate Bills 610 and

221, it should be organized according to the "Guidebook to Assist Water Suppliers in the Preparation of a 2005 Urban Water Management Plan (January 18, 2005). The 2005 Urban Water Management Plan "Review for Completeness" Form for DWR Review Staff Use, with all references and page numbers, should be provided to the public. Only in this way can the public have any confidence that EMWD's "rosy" projections of "affordable potable" water for the next twenty years have any basis in fact.

December 19, 2005
Susan Nash
PO Box 253
Nuevo CA 92567
951-928-3698
snash22@earthlink.net

Board of Directors
Eastern Municipal Water District
P.O. Box 8300
Perris CA 92572-8300

Re: Urban Water Management Plan (draft) 2005

The Friends of the Northern San Jacinto Valley, the San Geronio Chapter of the Sierra Club, Moreno Valley Group and the San Bernardino Valley Audubon Society submit these additional concerns regarding compliance of the 2005 UWMD prepared by EMWD with the California Urban Water Management Plan (Water Code section 10610 et. Seq.)

After we received a copy of the Metropolitan Water District of Southern California Regional Urban Water Management Plan (2005) and the updated Eastern Municipal Water District Urban Water Management Plan (2055), we still find significant deficiencies in compliance with the Urban Water Management Plan Act in both documents.

Eastern states that it relies on MWD for 80% of its potable water supply. However, an unknown portion of its groundwater supply is based on recharge using surplus MWD water. Eastern states this surplus will be available for 4 out of 5 years, but gives no basis whatsoever for this assertion. (page 12)

Eastern states:

"Based on the information detailed in MWD's RUWMP, EMWD is confident that MWD will provide EMWD with enough non-discounted, non-interrupted water supplies to meet demands through 2030. EMWD's only interruptible supply is discounted agricultural water, which accounts for approximately 4% of the District total supply, and the recharge water used for the San Jacinto Basin. It is anticipated that recharge water may not be available in one out of every five years. If there is a shortage of imported water that cannot be supplemented by local supplies, EMWD will make up the deficiency by implementing the water shortage contingency plan." (p. 35, italics added)

However, EMWD's Water Shortage Contingency Plan states:

"Even under the driest three-year cycle, EMWD supply is anticipated to meet demand. With the groundwater management plans in place, the West San Jacinto area has rising water levels and wells are not anticipated to decrease production, and the Hemet/San Jacinto area will be recharged in years of surplus to prepare or recover from dry years. Since local water supplies are stable and fixed, the small increase in demand during dry years will be met through imported water from MWD. Under the Integrated Resources Plan (IRP) and Water Surplus and Drought Management Plan (WSDM) water, imported by MWD, will be available to meet 100% of member agencies demands, even during dry periods." (p. 64-65, italics added)

Eastern cannot have their cake and eat it too. They cannot say both that if there is a shortage of imported water, they will rely on the water shortage contingency plan; and at the same time have the water shortage contingency plan state that if there is a shortage of local groundwater, they will rely on imported water. This is certainly one of the most significant faults of the EMWDS UWMP!

Eastern refers to MWD's regional planning and allocation of water and refers the reader to Appendix A.1 of the RUWMP. (p. 62) However, when one looks to Appendix A.1, there is no assurance from MWD that the projected demands of MWD for water will be met. There is no indication of how much of Eastern's demands for imported water are also committed as a wholesale provider to subagency water departments, districts or companies: City of Hemet; City of Perris; City of San Jacinto; Lake Hemet; McCann Ranch; Nuevo; Rancho California.

It is also unclear whether Eastern's population demands take into account the population growth in these subagencies. Although Eastern says that it did its own independent study of projected population growth, that document is not available for public review in the Eastern UWMP.

MWD's Appendix A.1-8 is in fact only a demand forecast. MWD's demand projections do not seem to be consistent with the demand forecast by Eastern. But since MWD is calculating the demand for the entire region and Eastern is looking only to the demand within its service area (excluding its sub agencies?) it is impossible to compare the two sets of figures. However, MWD does state that "demands in Riverside County are expected to increase at the fastest rate (73 percent between 2005 and 2030) (p. A.1-8).

As indicated by MWD (p. A.2-12) the supply of water from the Colorado River is not dependable.

As to the State Water Project, MWD indicates (p. A.2-13,14) that "there are still significant capacity constraints within the SWP that limit the delivery capability of the full contracted entitlement...the contractors' demands for SWP water currently exceed the dependable yield."

" The amount of entitlement DWR approves for delivery varies annually with contractor demands and projected water supplies from tributary sources to the Delta, based on snowpack in the Sierra Nevada, reservoir storage, operational constraints, and demands of other water users. Historically, the SWP has been able to meet all contractors' requests for entitlement water except during the drought years of 1977, 1990-92 and 1994." (A.2-13)

Endangered species issues are also of concern. "In recent years the listing of several fish species in the Sacramento/San Joaquin Delta (Delta) under both state and federal Endangered Species Acts has constrained SWP operations and created more uncertainty in SWP supply reliability.... In 2005 the abundance of many of the Delta fish has decreased. This issue is currently under investigation." (p. A.2-14)

MWD's Justifications of Supply Projections (Appendix A.3) show many weaknesses. Many of the factors for reduced supplies are only hazily known (global warming; toxic pollution and regulatory constraints related thereto; endangered species and other regulatory constraints. Dramatically increased energy prices caused by the depletion of the earth's oil in relation to rising demand for oil (called "peak oil") are not even mentioned.

"In accordance with its contract with the Department of Water Resources (DWR) Metropolitan has under contract a Table A allocation of 2,001,500 acre-feet per year from the State Water Project. Actual deliveries have never reached this amount and depend on availability of supplies as determined by DWR" (p. A.3-13) The SWP is an extremely unreliable source of water to MWD, let alone to EMWD. In addition to global warming and drought, there are serious unsolved and unknown water quality constraints, the levees and canal system is in a state of disrepair and susceptible to complete destruction due to global warming induced rising ocean levels; and the rising costs of energy may make water unaffordable and therefore unavailable to untold numbers of consumers in Eastern's service area.

Each source of supply listed by MWD has similar constraints and is therefore unreliable. Notably, MWD does not even mention the reduced storage capacity of Lake Perris due to the recent partial emptying of the lake pending seismic repairs, which may not be feasible.

Existing and Committed Local Projects (Appendix A.5) do not total the amount of water MWD expects to have available for Eastern and other agencies, some amounts are blank, and the totals for operation and construction are likewise not given. It appears from the body of the report that many of MWD's projects to assure water supply reliability are only in the feasibility study stage.

As to future water supplies to Eastern, in MWD's "2005 RUWMP only existing projects and projects with firm contracts for LRP funding were included. The resulting gap between projected local supplies and IRP targets were assigned to the region as a whole as the remaining IRP Local Resource Program target and not be allocated to particular agencies." (II-7).

"For the purpose of analysis, 'foreseeable hydrologic conditions' is understood to mean under 'historical hydrology' which presently covers the range of historical hydrology spanned from 1922 through 2004" (p. II-7) This analysis completely ignores the long discussion of expected increased drought conditions due to global warming elsewhere in the document.

This analysis also ignores the ability of MWD to receive or deliver "affordable" water when energy costs inevitably rise. If the water is not affordable then it is not "available" to the consumer and cannot be counted as a reliable source of water for purposes of UWMP Act compliance.

"At shortage stage 7 Metropolitan will develop a plan to allocate available supply fairly and efficiently to full-service customers. The allocation plan will be based on the Board-adopted principles for allocation. Metropolitan intends to enforce these allocations using rate surcharges." (p. II-17) First, the board adopted principles for allocation are not included, so that Eastern has no basis for determining what it's allocation under shortage stage 7 conditions might be. Second, Eastern has not determined whether the surcharge for all water above its allotment will make water not affordable to which of its customers; without this analysis, Eastern cannot give any assurances of future water supply in its UWMP.

Although Eastern does not discuss this important topic in any way, MWD has a section on Climate Change which indicates that catastrophic impacts on Eastern's imported and local water supplies are likely and unavoidable. (p. II-21 through II-23)

MWD states that "Global climate models predict that by the end of the century, average winter temperatures could increase by more than 7 degrees Fahrenheit and summer temperatures by as much as 18 degrees Fahrenheit." Precipitation predictions range from a slight increase in precipitation to decreases of up to 30 percent. (II-21) MWD does not, however, indicate the predicted temperature increases and precipitation levels for the next 25 years which they are supposed to be studying in their document. The lack of this information is unconscionable as it gives neither the public or Eastern any idea as to possible decreases or increases in available water caused by global warming. As global warming is a "wild card" which is increasing in geometric terms (described as an avalanche which has already begun and is beyond stopping by some climate scientists), no assurances of water supply to southern California, let alone Eastern's, have any validity.

Potential impacts to MWD's and therefore Eastern's water supply include:

- Reduction of Sierra Nevada snowpack
- Increased intensity and frequency of extreme weather events
- Rising sea levels resulting in
- ❖ Increased risk of damage from storms, high-tide events and the erosion of levees
- ❖ Potential pumping cutbacks on the State Water Project and Central Valley Project
- Effects on local supplies such as groundwater
- Changes in urban and agricultural demand levels and patterns
- Impacts to human health from water-borne pathogens and water quality degradation
- Declines in ecosystem health and function

➤ Alterations to power generation and pumping regimes

Ultimately, MWD's only long-term solution is its "hope to see improvements in climate change science and modeling techniques and/or technology that will enable us to make sound policy and practical decisions in the future." (p. II-23)

This hope is what we all hope, but it does not meet the requirements of either MWD or Eastern under the UWMP Act and does not justify "assurances" under SB 610 and 221 for water supplies for future development.

Desalinization and recycling are both unreliable sources of potable water and questionable sources for non-potable water and therefore cannot be relied upon in calculating supply and demand for the next 20 years.

Of all the water quality concerns listed by MWD and Eastern (salinity; perchlorate; organic carbon and bromide; methyl tertiary butyl ether and tertiary butanol; arsenic; radon; uranium; NDMA; chromium IV; pharmaceuticals and personal care products) none have an action plan which clearly shows that they will cease to be a problem immediately and therefore that the water supply in the next 20 years will not be comprised in its quality because of these water quality issues.

For instance, Eastern indicates that perchlorate has been detected in three of its wells. (p. 81) There is no indication of the level of perchlorate or its source. Is this a source/plume which is likely to contaminate more wells? Will the level of contamination increase to the level where it cannot be blended? If so, will Eastern be able to afford the costs of treatment?

None of the above questions, and many others which need to be asked and answered, are addressed by either Eastern or MWD.

Neither Eastern's nor MWD's UWMP is consistent with the State Water Plan and the County of Riverside General Plan Multipurpose Open Space Element. The County, reflecting the information found in the California Water Plan and water budgets produced by the California Department of Finance population projections, show that "demand for water will exceed supply in 2020 whether or not a drought conditions exists at that time." (p.OS-7) Because neither UWMP projects a water supply and demand problem, they have failed to prepare for this problem and are giving false assurances to the County regarding available water supply for future development.

For all of the above reasons, Eastern's UWMP does not comply with the UWMP Act and cannot be used for compliance with SB 610 and 221 of 2001.

Susan L. Nash
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Response to Sue Nash



Board of Directors

President

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*Director of the
Metropolitan Water
District of So. Calif.*

Randy A. Record

Treasurer

Joseph J. Kuebler, CPA

Legal Counsel

Redwine and Sherrill

December 22, 2005

Ms. Susan Nash
PO Box 253
Nuevo, CA 92567

Subject: Urban Water Management Plan for Eastern Municipal Water District

Dear Ms. Nash;

Thank you for your interest in EMWD's Urban Water Management Plan. Enclosed is our initial response to your concerns expressed in the letters you sent on December 7 and December 21, 2005 representing the Friends of the Northern San Jacinto Valley, the San Gorgonio Chapter of the Sierra Club, Moreno Valley Group, and the San Bernardino Valley Audubon Society.

In addition to this response, I would like to set a time to meet with you at your earliest convenience to discuss EMWD's water supply and reliability. EMWD believes it would be of mutual benefit to insure that any concerns you have are not the result of any misunderstanding.

Thank you again, for your interest in the Urban Water Management Plan. Planning for water supply in California is a complex and difficult task and the participation of the public is a valuable component. I look forward to clearing up any concerns you may have.

Sincerely,

Elizabeth Lovsted
Facilities Planner/Engineer
EL:lar

December 7, 2005
Susan Nash
PO Box 253
Nuevo CA 92567
951-928-3698
snash22@earthlink.net

Board of Directors
Eastern Municipal Water District
P.O. Box 8300
Perris CA 92572-8300

Re: Urban Water Management Plan (draft) 2005

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There was no apparent involvement of diverse social, cultural and economic elements of the population within the service area prior to and during the preparation of the plan. There was one newspaper ad, but we believe the law requires that more than one announcement be placed in the paper as to the time and place of comments and meetings to discuss and adopt the plan.

The public involvement has been detailed in Appendix A along with both dates the public notice was published.

The San Jacinto River Watershed Council (with whom EMWD allegedly cooperated on the recycling plan) was not noticed. Many important documents mentioned were not listed as being in an appendix. Appendix A and D which were mentioned in the text are not in the document. Where are Appendix B and C? Are there any more?

There were two Integrated Regional Water Management Plans mentioned (MWD and Santa Ana) but neither was attached, or even a web page mentioned where one could check them out. Many other documents were mentioned regarding the groundwater management plans and other matters; however, no web page or other information on how the public might read these documents is given.

There is no record of who was contacted and given copies for review or when. Like me, they may not have been told when comments were due and when meetings were to be held, without making phone calls.

The document does not give year by year historical data on how much water has been received from the State Water Project, the Colorado River, from MWD overflow to recharge and from groundwater.

The entire groundwater discussion is extremely difficult to decipher. The management plan for one basin is in a missing appendix, the management plan for the other is simply not there yet, and there is no way to locate all the supporting documents mentioned. Maybe in those documents there is a discussion of the analysis of the groundwater by Dr. Tien C. Lee, University of California, Riverside, CA. It is important that the public know the basis for the groundwater supply projections being made.

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The reliability of supply is stated, but not discussed. There is no analysis of how often the supply from MWD has fallen short and by how much. There is no mention (as there was in the California State Water Plan draft) of the impacts of Global Warming causing rising ocean levels and the permanent flooding of the Bay-Delta levees with saltwater; "peak oil" causing rising energy prices and reducing the affordability of potable water; and the complete lack of northern California Water for many months in the event of a major earthquake in northern California.

This is part of the MWD Affordability Study (2013).

Water use by customer type is confusing. The plan seems to first indicate farming is going away, and then it says farming use will stay the same. It is not clear which kind of farming is being discussed—citrus? dairy?

As you can see in Figure 8.1 around 1975, the demand for water from EMWD was nearly as high as it is today even though the population is much smaller. This was due to the high agricultural demand in the area at the time. The agricultural demand has declined over the years about 4% of the total demand. The agriculture demand remaining is expected to remain relatively consistent. In addition to potable water customers, the recycled water system also serves agricultural customers. Some of these customers need recycled water because potable water would not be economically feasible. This demand is decreasing as land develops. Other agricultural customers invested in crops such as citrus or dairy, can help reserve potable water for other uses by using recycled water instead of groundwater. This switch from potable demand to recycled water is a good thing and will help reduce the need for groundwater.

It appears that EMWD does not really want to encourage conservation because it reduces revenue. This is especially true for the reluctance to use conservation measures in case of a complete shut off, such as an earthquake in the Bay Area. The State Water Plan is quite clear that its goal is to provide AFFORDABLE POTABLE water to all Californians and spends a considerable amount of time discussing the high number of Californians without potable water. Over 47% of the residents of the San Jacinto River Watershed live below the poverty level. Instead of demanding that developers use less water, EMWD provides water for sod farmers in the San Jacinto Valley and does not mind that most of the City of Moreno Valley's landscaping water ends up in the streets.

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Although desalinization is said to be a reliable source of water, this is contradicted because of the high cost of disposing of the brine water. The elimination of brine is a speculative technology.

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The current and projected supply of wholesale water is missing. The contracts with MWD regarding how much water they can supply from each source could not be found. There is apparently no information regarding how much water MWD has promised in the past and failed to deliver. We could find no indication of what the contracts with MWD look like and how they have been fulfilled in the past. This information would have to include the issues of global warming, peak oil and contamination of water.

MWD has not been a member of the RWMP since 2004. The RWMP is a regional water management plan that is required by the State Water Plan. The RWMP is a living document that is updated every five years. The RWMP is a key document in the water planning process. The RWMP is a key document in the water planning process. The RWMP is a key document in the water planning process.

Most obviously missing is any chart which shows how much water is going to be needed, given the projected growth by SCAG and EMWD's own experts, and how those figures match up with the amount of water MWD is promising to deliver each year. Even if MWD could actually deliver, we could not find any charts or text indicating how demand and supply for the next 20 years match up.

In Tables 4.5 through 4.7, each supply source is listed and compared with the region's water demand. Further information is included in the RWMP you received on December 7, 2005.

The water shortage contingency plan does not indicate in detail how water is going to be supplied. For instance, if there is an earthquake in the Bay Area, how long will we be without imported water? How much groundwater will have to be shared among how many people? How long will that last? How will industry be affected? And what will happen to food prices when water to agriculture is cut off?

MWD has emergency storage within the region including Diamond Valley Lake within EMWD's service area. If allocations are necessary, they will be made using the WSDM Plan and principles based on needs at the time. The Water Shortage Contingency Plan requires EMWD customers to reduce water use up to 50% in the case of an emergency.

The recycled water plan does not include the documents mentioned, so it is hard to tell what the status actually is.

Supply development and conservation is the focus of the water planning process. The RWMP is a key document in the water planning process. The RWMP is a key document in the water planning process. The RWMP is a key document in the water planning process.

The water quality impacts on reliability are without any basis. The documents indicate there are serious problems and task forces, but no details about what the extent of the problems are, how much water supply could be reduced and what is or can be done to solve these problems. (see Friends of the Santa Clara River v. Castaic Lake Water Agency, 2004).

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There are a lot of charts, but no text on where EMWD's water is coming from and how. These "assurances" of plenty of water are inconsistent with both the State Water Plan (draft) and the Open Space Water Supply element of the Riverside County General Plan. In which case, there are "assurances" with no reliable basis and which do not meet the requirements of the UWMP Act.

...the public to read this document with any understanding and to have any assurance that it complies with the UWMP Act and that it can meet the requirements of Senate Bills 610 and 221, it should be organized according to the "Guidebook to Assist Water Suppliers in the Preparation of a 2005 Urban Water Management Plan (January 18, 2005). The 2005 Urban Water Management Plan "Review for Completeness" Form for DWR Review Staff Use, with all references and page numbers, should be provided to the public. Only in this way can the public have any confidence that EMWD's "rosy" projections of "affordable potable" water for the next twenty years have any basis in fact.

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December 19, 2005
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Re: Urban Water Management Plan (draft) 2005

The Friends of the Northern San Jacinto Valley, the San Gorgonio Chapter of the Sierra Club, Moreno Valley Group and the San Bernardino Valley Audubon Society submit these additional concerns regarding compliance of the 2005 UWMD prepared by EMWD with the California Urban Water Management Plan (Water Code section 10610 et. Seq.)

After we received a copy of the Metropolitan Water District of Southern California Regional Urban Water Management Plan (2005) and the updated Eastern Municipal Water District Urban Water Management Plan (2055), we still find significant deficiencies in compliance with the Urban Water Management Plan Act in both documents.

Eastern states that it relies on MWD for 80% of its potable water supply. However, an unknown portion of its groundwater supply is based on recharge using surplus MWD water.

Table 2.1.1 splits the groundwater supply of the Hemet/San Jacinto Basin Area into native and recovery of recharged groundwater. Eastern states this surplus will be available for 4 out of 5 years, but gives no basis whatsoever for this assertion. (page 12)

Surplus water will not be available at a consistent rate. The quantities used in the UWMP are based on the assumption that the surplus water will be available at a consistent rate. However, the surplus water is not available at a consistent rate. The surplus water is only available in years when there is a surplus of water in the MWD system. This surplus water is not available in years when there is a deficit of water in the MWD system. The surplus water is only available in years when there is a surplus of water in the MWD system.

Eastern states:

"Based on the information detailed in MWD's RUWMP, EMWD is confident that MWD will provide EMWD with enough non-discounted, non-interrupted water supplies to meet demands through 2030. EMWD's only interruptible supply is discounted agricultural water, which accounts for approximately 4% of the District total supply, and the recharge water used for the San Jacinto Basin. It is anticipated that recharge water may not be available in one out of every five years. If there is a shortage of imported water that cannot be supplemented by local supplies, EMWD will make up the deficiency by implementing the water shortage contingency plan." (p. 35, italics added)

However, EMWD's Water Shortage Contingency Plan states:

"Even under the driest three-year cycle, EMWD supply is anticipated to meet demand. With the groundwater management plans in place, the West San Jacinto area has rising water levels and wells are not anticipated to decrease production, and the Hemet/San Jacinto area will be recharged in years of surplus to prepare or recover from dry years. Since local water supplies are stable and fixed, the small increase in demand during dry years will be met through imported water from MWD. Under the Integrated Resources Plan (IRP) and Water Surplus and

Drought Management Plan (WSDM) water, imported by MWD, will be available to meet 100% of member agencies demands, even during dry periods.” (p. 64-65, italics added)

Eastern cannot have their cake and eat it too. They cannot say both that if there is a shortage of imported water, they will rely on the water shortage contingency plan; and at the same time have the water shortage contingency plan state that if there is a shortage of local groundwater, they will rely on imported water. This is certainly one of the most significant faults of the EMWD'S UWMP!

EMWD would understand Ordinance 117, the Water Shortage Contingency Plan, as a plan to rely on the Water Shortage Contingency Plan as a plan to reduce demand and conserve water, even up to 20% of demand, if necessary, to meet the demand for the Water Shortage Contingency Plan.

Eastern refers to MWD's regional planning and allocation of water and refers the reader to Appendix A.1 of the RUWMP. (p. 62) However, when one looks to Appendix A.1, there is no assurance from MWD that the projected demands of MWD for water will be met. There is no indication of how much of Eastern's demands for imported water are also committed as a wholesale provider to subagency water departments, districts or companies: City of Hemet; City of Perris; City of San Jacinto; Lake Hemet; McCann Ranch; Nuevo; Rancho California. Appendix A.1 does not show MWD's demand from the population of the entire region. All member agencies, and their subagencies are included in that region.

It is also unclear whether Eastern's population demands take into account the population growth in these subagencies. Although Eastern says that it did its own independent study of projected population growth, that document is not available for public review in the Eastern UWMP. EMWD projected growth for its entire area and then consulted with subagencies to determine if that growth would be met through EMWD or subagency resources. In the absence of information from subagency population growth, it is difficult to compare the two.

MWD's Appendix A.1-8 is in fact only a demand forecast. MWD's demand projections do not seem to be consistent with the demand forecast by Eastern. But since MWD is calculating the demand for the entire region and Eastern is looking only to the demand within its service area (excluding its sub agencies?) it is impossible to compare the two sets of figures. However, MWD does state that “demands in Riverside County are expected to increase at the fastest rate (73 percent between 2005 and 2030) (p. A.1-8).

MWD has provided demand projections to MWD, and MWD has provided demand projections to the public. It is not clear how the demand projections by MWD and Eastern are related.

As indicated by MWD (p. A.2-12) the supply of water from the Colorado River is not dependable.

As indicated by MWD (p. A.2-13,14) the supply of water from the Colorado River is not dependable.

As to the State Water Project, MWD indicates (p. A.2-13,14) that “there are still significant capacity constraints within the SWP that limit the delivery capability of the full contracted entitlement...the contractors' demands for SWP water currently exceed the dependable yield.”

“ The amount of entitlement DWR approves for delivery varies annually with contractor demands and projected water supplies from tributary sources to the Delta, based on snowpack in the Sierra Nevada, reservoir storage, operational constraints, and demands of other water users. Historically, the SWP has been able to meet all contractors’ requests for entitlement water except during the drought years of 1977, 1990-92 and 1994.” (A.2-13)

Endangered species issues are also of concern. “In recent years the listing of several fish species in the Sacramento/San Joaquin Delta (Delta) under both state and federal Endangered Species Acts has constrained SWP operations and created more uncertainty in SWP supply reliability.... In 2005 the abundance of many of the Delta fish has decreased. This issue is currently under investigation.” (p. A.2-14)

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MWD’s Justifications of Supply Projections (Appendix A.3) show many weaknesses. Many of the factors for reduced supplies are only hazily known (global warming; toxic pollution and regulatory constraints related thereto; endangered species and other regulatory constraints. Dramatically increased energy prices caused by the depletion of the earth’s oil in relation to rising demand for oil (called “peak oil”) are not even mentioned.

“In accordance with its contract with the Department of Water Resources (DWR) Metropolitan has under contract a Table A allocation of 2,001,500 acre-feet per year from the State Water Project. Actual deliveries have never reached this amount and depend on availability of supplies as determined by DWR” (p. A.3-13). The SWP is an extremely unreliable source of water to MWD, let alone to EMWD. In addition to global warming and drought, there are serious unsolved and unknown water quality constraints, the levees and canal system is in a state of disrepair and susceptible to complete destruction due to global warming induced rising ocean levels; and the rising costs of energy may make water unaffordable and therefore unavailable to untold numbers of consumers in Eastern’s service area.

Each source of supply listed by MWD has similar constraints and is therefore unreliable. Notably, MWD does not even mention the reduced storage capacity of Lake Perris due to the recent partial emptying of the lake pending seismic repairs, which may not be feasible.

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Existing and Committed Local Projects (Appendix A.5) do not total the amount of water MWD expects to have available for Eastern and other agencies, some amounts are blank, and the totals for operation and construction are likewise not given. It appears from the body of the report that many of MWD’s projects to assure water supply reliability are only in the feasibility study stage.

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As to future water supplies to Eastern, in MWD's "2005 RUWMP only existing projects and projects with firm contracts for LRP funding were included. The resulting gap between projected local supplies and IRP targets were assigned to the region as a whole as the remaining IRP Local Resource Program target and not be allocated to particular agencies." (II-7).

This analysis fails to consider the possibility of future water supply projects that are not included in the 2005 RUWMP. This is an important factor in the analysis of future water supply availability for Eastern.

"For the purpose of analysis, 'foreseeable hydrologic conditions' is understood to mean under 'historical hydrology' which presently covers the range of historical hydrology spanned from 1922 through 2004" (p. II-7) This analysis completely ignores the long discussion of expected increased drought conditions due to global warming elsewhere in the document.

As discussed in the climate change section of the RUWMP, different climate models predict a wide range of future hydrologic conditions. The analysis of future water supply availability for Eastern should consider the range of possible hydrologic conditions.

This analysis also ignores the ability of MWD to receive or deliver "affordable" water when energy costs inevitably rise. If the water is not affordable then it is not "available" to the consumer and cannot be counted as a reliable source of water for purposes of UWMP Act compliance.

As discussed in Section 1 of the RUWMP, MWD has prepared the RUWMP in compliance with Water Code Sections 10610 through 10656 of the Urban Water Planning Management Act, using the guidance of OWR. MWD believes that the RUWMP fulfills the requirements of the law regarding the availability of water supplies as required by the law. Any concerns you have beyond what is required in the law should be addressed to MWD.

"At shortage stage 7 Metropolitan will develop a plan to allocate available supply fairly and efficiently to full-service customers. The allocation plan will be based on the Board-adopted principles for allocation. Metropolitan intends to enforce these allocations using rate surcharges." (p. II-17). First, the board adopted principles for allocation are not included, so that Eastern has no basis for determining what its allocation under shortage stage 7 conditions might be. Second, Eastern has not determined whether the surcharge for all water above its allotment will make water not affordable to which of its customers; without this analysis, Eastern cannot give any assurances of future water supply in its UWMP.

The RUWMP explains that MWD will require a rate of return on investment for the water supply system, which will require customers to reduce water use up to 50% if needed. At stage 7, the amount of water available is limited and the amount of water allocated to Eastern is limited. The amount of water allocated to Eastern is limited by the amount of water available and the amount of water allocated to Eastern is limited by the amount of water available. The amount of water allocated to Eastern is limited by the amount of water available and the amount of water allocated to Eastern is limited by the amount of water available.

Although Eastern does not discuss this important topic in any way, MWD has a section on Climate Change which indicates that catastrophic impacts on Eastern's imported and local water supplies are likely and unavoidable. (p. II-21 through II-23)

MWD states that "Global climate models predict that by the end of the century, average winter temperatures could increase by more than 7 degrees Fahrenheit and summer temperatures by as much as 18 degrees Fahrenheit." Precipitation predictions range from a slight increase in precipitation to decreases of up to 30 percent. (II-21) MWD does not, however, indicate the predicted temperature increases and precipitation levels for the next 25 years which they are

supposed to be studying in their document. The lack of this information is unconscionable as it gives neither the public or Eastern any idea as to possible decreases or increases in available water caused by global warming. As global warming is a "wild card" which is increasing in geometric terms (described as an avalanche which has already begun and is beyond stopping by some climate scientists), no assurances of water supply to southern California, let alone Eastern's, have any validity.

Potential impacts to MWD's and therefore Eastern's water supply include:

- Reduction of Sierra Nevada snowpack
- Increased intensity and frequency of extreme weather events
- Rising sea levels resulting in
- Increased risk of damage from storms, high-tide events and the erosion of levees
- Potential pumping cutbacks on the State Water Project and Central Valley Project
- Effects on local supplies such as groundwater
- Changes in urban and agricultural demand levels and patterns
- Impacts to human health from water-borne pathogens and water quality degradation
- Declines in ecosystem health and function
- Alterations to power generation and pumping regimes

Ultimately, MWD's only long-term solution is its "hope to see improvements in climate change science and modeling techniques and/or technology that will enable us to make sound policy and practical decisions in the future." (p. II-23)

This hope is what we all hope, but it does not meet the requirements of either MWD or Eastern under the UWMP Act and does not justify "assurances" under SB 610 and 221 for water supplies for future development.

As described in Section 1 of the RUWMP, MWD has prepared the RUWMP in compliance with Water Code Sections 10610 through 10656 of the Urban Water Planning Management Act, using the guidance of DWR. EMWD believes that the RUWMP addresses the demand for and the reliability of water supplies as required by the law. Any concerns you have beyond what is required by the law should be directed to DWR.

Desalinization and recycling are both unreliable sources of potable water and questionable sources for non-potable water and therefore cannot be relied upon in calculating supply and demand for the next 20 years.

MWD believes that desalination and water recycling are reliable sources of water supply that can be used to meet the water needs of the region and help reduce water scarcity.

Water recycling and desalination are both water treatment processes that can be used to provide a reliable source of water supply. Water recycling is the process of treating wastewater to make it suitable for reuse. Desalination is the process of removing salt from seawater to make it suitable for drinking. Both processes are currently being used in California and are expected to become more widespread in the future.

MWD's Water Supply Plan for 2015-2020 includes a goal to increase the use of recycled water and desalinated water to 10% of total water supply by 2020.

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Eastern's UWMP is not consistent with the State Water Plan and the County of Riverside General Plan Multipurpose Open Space Element. The County, reflecting the information found in the California Water Plan and water budgets produced by the California Department of Finance population projections, show that "demand for water will exceed supply in 2020 whether or not a drought conditions exists at that time." (p.OS-7) Because neither UWMP projects a water supply and demand problem, they have failed to prepare for this problem and are giving false assurances to the County regarding available water supply for future development.

Of all the water quality concerns listed by MWD and Eastern (salinity; perchlorate; organic carbon and bromide; methyl tertiary butyl ether and tertiary butanol; arsenic; radon; uranium; NDMA; chromium IV; pharmaceuticals and personal care products) none have an action plan which clearly shows that they will cease to be a problem immediately and therefore that the water supply in the next 20 years will not be comprised in its quality because of these water quality issues.

For instance, Eastern indicates that perchlorate has been detected in three of its wells. (p. 81) There is no indication of the level of perchlorate or its source. Is this a source/plume which is likely to contaminate more wells? Will the level of contamination increase to the level where it cannot be blended? If so, will Eastern be able to afford the costs of treatment?

None of the above questions, and many others which need to be asked and answered, are addressed by either Eastern or MWD.

Neither Eastern's nor MWD's UWMP is consistent with the State Water Plan and the County of Riverside General Plan Multipurpose Open Space Element. The County, reflecting the information found in the California Water Plan and water budgets produced by the California Department of Finance population projections, show that "demand for water will exceed supply in 2020 whether or not a drought conditions exists at that time." (p.OS-7) Because neither UWMP projects a water supply and demand problem, they have failed to prepare for this problem and are giving false assurances to the County regarding available water supply for future development.

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For all of the above reasons, Eastern's UWMP does not comply with the UWMP Act and cannot be used for compliance with SB 610 and 221 of 2001.

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