

MERCED AREA GROUNDWATER POOL INTERESTS (MAGPI)

WELCOME TO THE MAGPI GOVERNING BOARD MEETING

Hicham Eltal, Chair
Bob Kelley, Vice Chair/Secretary

AGENDA
July 30, 2008 – 2:00 PM
Second Floor Executive Conference Room
Merced Irrigation District
744 West 20th Street, Merced, California

Copies of reports or other written documentation relating to each item of business referred to on the agenda are on file in the office of the Assistant General Manager, Water Resources, Merced Irrigation District headquarters building.

Any person who has any questions concerning any agenda item may contact the Chairman of the Governing Board at the office of the Assistant General Manager, Water Resources, Merced Irrigation District

- A. CALL TO ORDER AND WELCOME
- B. ROLL CALL
- C. WRITTEN PETITIONS AND COMMUNICATIONS
- D. ORAL COMMUNICATIONS

At this time, members of the audience may comment on any matter that is not listed on the agenda.

Please state your name and address for the record. The Board will not take action on any item that is brought to their attention during the meeting. If it requires action, it will be referred to staff and/or listed on the next Board agenda.

Please be brief and to the point – preferably speaking a maximum of 5 minutes. Avoid repeating what previous speakers have said.

E. BOARD ADDITIONS/DELETIONS TO THE AGENDA

F. BOARD CONSENT CALENDAR

1. Acceptance of Draft Minutes by consensus: Board Meetings of February 20, 2008 and June 16, 2008.

G. REPORTS

1. Review MAGPI 2008 through 2010 activities plan (Hicham Eltal, Grant Davids; 5 minutes)
2. DWR Status report on items pertinent to MAGPI's activities. (DWR; 10 minutes)
3. Water Statistics Report (Hicham Eltal: 10 Minutes)
4. Update on IGSM Development (Hicham Eltal, Grant Davids 5 minutes)

H. DISCUSSION/ACTION

1. Request Adoption of Resolution 2008-3 concerning adoption of the Merced Groundwater Basin GWMP 2008 Update.
2. Request adopt Resolution 2008-2 Concerning Development, Maintenance and Management of the Merced Groundwater Basin Integrated Hydrologic Model

I. BUSINESS FROM THE BOARD

J. NEXT MEETING

K. ADJOURN

Merced Area Groundwater Pool Interests

RESOLUTION No. 2008-2 (draft)

RESOLUTION CONCERNING DEVELOPMENT, MAINTENANCE AND MANAGEMENT OF THE MERCED GROUNDWATER BASIN INTEGRATED HYDROLOGIC MODEL

Recitals

Whereas, the Merced Area Groundwater Pool Interests (MAGPI) was formed in 1997 for the purpose of actively managing the Merced Groundwater Basin and to form the basis for a regional groundwater plan in response to AB 3030; and

Whereas, MAGPI's 15 members each are water purveyors within the Basin, in addition to the East Merced Resources Conservation District and the County of Merced which are members at large, representing a broad coalition of regional agricultural, municipal and community interests; and

Whereas, since its formation in 1997 and in furtherance of its groundwater monitoring responsibilities, MAGPI has had the objective of developing an integrated hydrologic model of the Merced Groundwater Basin (model); and

Whereas, in 2001, MAGPI entered into a Memorandum of Understanding (MOU) with the Department of Water Resources (DWR) for the expressed purpose of working cooperatively with DWR to promote conjunctive water management projects and programs in Eastern Merced County; and

Whereas, MAGPI has accomplished or has underway the following activities using a combination of DWR grant funds and local funding:

- Data Assessment to describe the regional hydrogeologic setting of Eastern Merced County; to identify and compile available water resources data, and to develop a data management plan for MAGPI members
- Conjunctive Use Site Assessments to compare and evaluate alternative artificial recharge sites
- Cressey Pilot Recharge Basin to test the feasibility of artificial recharge using spreading basins
- Public Involvement aimed at improving coordination among MAGPI members and between MAGPI and other entities in the Basin
- Groundwater Monitoring (ongoing; AB303 funding) aimed at defining stream-aquifer interaction along Bear Creek, in the vicinity of the City of Merced, and completing a GPS survey that tied groundwater levels in all public supply wells to one datum; and

Whereas, MAGPI has developed and submitted a scope of work and cost estimate for preparing an integrated hydrologic model of the Merced Groundwater Basin and submitted those materials to DWR along with a request for funding to be used in combination with local funds for model development; and

Whereas, DWR has indicated its willingness to provide the requested funds, local funds have already been allocated, and model development is imminent; and

Whereas, such model should reside at a single location under an established protocol for custody to ensure accuracy and consistency as developed by all MAGPI members; and

Whereas, the model should also be protected from misuse and unreasonable manipulations based on unreasonable assumptions that could lead to misinformation.

NOW THEREFORE BE IT RESOLVED THAT:

1. The development of an integrated hydrologic model of the Merced Groundwater Basin will be guided by the needs and objectives of individual MAGPI members as represented through the MAGPI Board of Directors; these needs are articulated in the scope of work for model development,
2. MAGPI assigns sole responsibility for custody, operation and maintenance of the model and its related code and data sets to Merced Irrigation District (MID),
3. MAGPI members, including MID, will have access to model operation by submitting requests via MAGPI, but will not have direct access to model code or data sets,
4. Requests for operation of the model by entities other than MAGPI members must be sponsored by a MAGPI member and submitted to MID,
5. MID may request reimbursement from MAGPI members requesting approved runs of the model for costs incurred by MID for such operation of the model. Such costs shall be established by the Board of MAGPI and based on actual costs to MID including staff time.

PASSED AND ADOPTED by the Merced Area Groundwater Pool Interests Board of Directors this 30th day of July 2008.

| | |
|-----------------|-----------------------|
| AYES: | BOARD MEMBERS |
| NOES: | BOARD MEMBERS: |
| ABSTAIN: | BOARD MEMBERS: |
| ABSENT: | BOARD MEMBERS: |

APPROVED:

ATTEST:

Hicham Eltal
Chairman

David L. Tucker
Secretary

Merced Area Groundwater Pool Interests

RESOLUTION NO. 2008-3 (draft)

**RESOLUTION ADOPTING THE MERCED
GROUNDWATER BASIN GROUNDWATER
MANAGEMENT PLAN 2008 UPDATE TO AMEND
AND SUPERSEDE THE EXISTING PLAN
SUBJECT TO SB1938**

WHEREAS, the Board of the Merced Area Groundwater Pool Interests (MAPGI) on December 27, 1997, adopted the Merced Groundwater Basin Groundwater Management Plan (“plan”) for lands within the member agency’s service areas pursuant to Water Code Sections 10750 et seq.; and

WHEREAS, the plan was designed to be a living document that needs to be updated occasionally to best reflect the current conditions within the basin; and

WHEREAS, the Board of MAPGI authorized development of an update of the plan at a public hearing on January 30, 2008, pursuant to Water Code Sections 10750 et seq., and

WHEREAS, MAGPI member agencies and the public formed a Technical Working Group to consider public input in developing the update of the plan pursuant to Water Code Sections 10750 et seq., and staff participated in the development of the plan; and

WHEREAS, the Board of MAGPI conducted a public hearing to receive public input on the Draft Merced Groundwater Management Plan Update that started on June 16, 2008, and ended on July 1, 2008; and

WHEREAS, staff recommends this Board adopt the plan update.

NOW, THEREFORE, be it resolved, as follows:

1. The document entitled **Merced Groundwater Basin Groundwater Management Plan 2008 Update** is hereby adopted
2. The 1997 Merced Groundwater Basin Groundwater Management Plan is superseded.

PASSED AND ADOPTED by the Merced Area Groundwater Pool Interests Board of Directors this 30th day of July 2008.

AYES: BOARD MEMBERS:
NOES: BOARD MEMBERS:
ABSTAIN: BOARD MEMBERS:
ABSENT: BOARD MEMBERS:

APPROVED:

ATTEST:

Hicham Eltal
Chairman

David L. Tucker,
Secretary