

WEST BASIN MUNICIPAL WATER DISTRICT

OCTOBER 9, 2002 – Water Resources
McDonald, Little

OCTOBER 28, 2002 – Board Meeting

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Approved by: Darryl G. Miller

ACTION CALENDAR

N-NITROSODIMETHYLAMINE (NDMA) FATE AND TRANSPORT STUDYSUMMARY:

At the July 29, 2002 Board Meeting, the Board authorized the General Manager to contribute \$40,000 dollars, in addition to staff working as the project coordinator, to the (NDMA) Fate and Transport study.

Fate and Transport Study

As a recap, this study will address the issues surrounding the fate and transport of NDMA in recycled water used for spray irrigation and groundwater recharge both by surface spreading and direct injection. The Project approach will utilize both controlled laboratory experiments and field tests to identify the physical, chemical, and biological mechanisms that impact the fate and transport of NDMA in applied recycled water.

Change in Approach

The WateReuse Foundation (WRF), the principal funding sponsor for this Project, has made some recent changes in the Project's approach that directly impact West Basin Municipal Water District (West Basin).

The WRF will manage the overall Project and will award a contract to West Basin as the lead researcher. The WRF will also invoice and collect all committed funds, including the \$40,000 from West Basin. In turn, West Basin will sign contracts with the individual research organizations, essentially acting as a contracting agent.

Research participants include Professor David Sedlak (University of California, Berkeley), Professor Peter Fox (Arizona State University), Phyllis Stanin (Todd Engineers), Professor Jay Gan (University of California, Riverside), and Professor Lisa Alvarez-Cohen (University of California, Berkeley).

The estimated budget for each research organization is summarized in the table below:

Research Organization	Estimated Budget
University of California System	\$373,519
Arizona State University	\$122,450
Todd Engineers	\$ 50,000
Total	\$545,969

The WRF has also requested that the research organizations summarize their services and send an invoice to West Basin on a quarterly basis. West Basin would then forward these invoices to the WRF. The WRF would issue payment to West Basin, who would then issue payment to the research organizations.

FISCAL IMPACTS:

None. All payments will be made by the WateReuse Foundation through West Basin as the contracting agent.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on October 9, 2002 and was recommended for approval at the October 28, 2002 Board meeting.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to enter into contracts for the NDMA Fate and Transport Study, acting as the contracting agent for WRF, with the University of California System (\$373,519), Arizona State University (\$122,450), and Todd Engineers (\$50,000). WRF will issue payments to the above entities through West Basin.

LIST OF EXHIBITS:

None.

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