

MEMBER UNITS EXHIBIT NUMBER 68

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Prepared: [unclear]
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MINUTES

CITY OF LOMPOC - CACHUMA PROJECT MEMBERS NEGOTIATIONS TECHNICAL COMMITTEES

May 22, 1995

Conference Room -- El Estero Wastewater Treatment Plant
520 E. Yanonali Street, Santa Barbara

Present: (See attached sign-in list.)

The meeting was convened at 9:40 a.m., due to airline delays.

1. Changes to the Agenda It was agreed that item #6 would be moved up to become item #3.
2. Approval of Minutes of March 16, 1995 Meeting The minutes were approved as submitted with the addition of a note in the first paragraph of item #3 that Terry Foreman was representing the Cachuma Project Authority.
3. USGS Participation in Negotiation Process Mr. Mack introduced Peter Martin (USGS) who had been involved some in the beginning and has experience with the Lompoc Plain. Mr. Mack raised the question as to whether the USGS model and the Durbin model should be used or dropped. Mr. Keefe objected to the idea of abandoning the Durbin model now that it has been developed. He noted also that the Durbin model is a generation beyond the USGS model. There was discussion of the USGS role as technical support for the negotiation process. Mr. Martin said that it was clear the USGS would not be involved in the negotiations. If USGS were to participate by attending meetings, some sort of joint funding agreement would be required. However, if USGS is just asked to review and comment on work by others, additional funding would not be required.

There was discussion of the differences between the two models, noting that the USGS model is three dimensional with regard to flow, but not with regard to solute transport, i.e. the solute portion of the model only models the main zone. Mr. Paul asked the time frame for a report on the USGS model to be published. Mr. Martin said his goal is to have the report published by October 1995. He noted that there would be access to the model before that on an informal basis. Mr. Martin was asked whether the new report is an update of the "purple report." He responded that USGS still considers the purple report to be valid and that the model is being updated to reflect new data from one of Steve Jordan's wells.

In response to questions, Mr. Martin stated that the USGS model only goes as high as the Narrows at this point and he discussed the manner in which the solute model is linked to the flow model. Mr. Hecht inquired as to the desirability of adding areas above the Narrows to the model, creating a sort of "regional" model. Mr. Martin said that USGS would be more interested in the regional approach than to redo work in the Lompoc area. Mr. Shahroody clarified that the only work done to date for the area between Cachuma and the Narrows is the Santa Ynez River Model (and similar work by Mr. Durbin), which is actually an

accounting rather than a mathematical model of the basin. Mr. Mack also expressed interest in a regional model. The desirability of data on agricultural pumping was noted by Mr. Martin.

Mr. Schuster suggested that he present an update on status of his direction from the Lompoc City Council in relation to the "study plan" and the overall goal of attempting to solve the water quality problem of the whole Lompoc basin. He noted that the Council has provided a two-pronged direction: 1) initiate negotiations with Cachuma Project members regarding Cachuma impacts, with the goal of getting Lompoc out of the renewal issue and the State Board process in exchange for something as yet unspecified; and 2) complete the Durbin model to the point of being usable. Mr. Wullbrandt expressed confusion, saying that he was expecting an April 1, 1995 submittal describing Lompoc's position regarding the effect of the Cachuma Project on the Lompoc basin. Mr. Schuster replied that the submittal was prepared but that he has not been authorized to release it.

Mr. Paul asked if Mr. Schuster could identify anything that would be sufficient to get Lompoc out of the process as noted in item one above. Mr. Keefe responded that he was not at liberty to discuss that, and that it would be the subject of an upcoming meeting of attorneys representing the two sides of the negotiations. There was discussion of the need for the Technical Committee to continue to meet in light of the proposed meeting of the attorneys. The benefits of completing the modeling work were acknowledged. Several of the Cachuma Project members expressed concern that Lompoc has not provided the Cachuma impact analysis that was expected on April 1st. Mr. Keefe suggested, in light of potential changes to the USGS model and anticipated comments on the Durbin model, that perhaps the impacts analysis is premature.

4. City of Lompoc Report on Impact of Cachuma Project on Lompoc Basin This item was discussed as a part of item #3.
5. Review of Model Documentation This item referred to the Durbin model. Mr. Durbin noted that he had received comments from Mr. Martin, Mr. Hecht, and from Stetson Engineers, and that comments from the County Water Agency had been incorporated into other's comments. It was not clear whether the Bureau would provide comments. Mr. Durbin summed up the general nature of the comments:
 1. There should be more specific documentation of data sources and particulars as to what went into the model;
 2. Questions about the hydrologic characteristics of the shallow zone;
 3. Description of the western Lompoc plain and the inflow of salts from the shale;
 4. Suggestions that the base period should go back further in time.

Mr. Durbin said that he has no major concerns about the comments that were made. He said that he expected it would take a couple of months to complete the model after receiving a go ahead from Lompoc. He said that he was not sure his model could handle permeabilities as low as Mr. Martin suggested.

Mr. Shahroody noted that three pages of his company's comments were missing in some versions. He distributed the missing pages. Mr. Durbin asked for clarification about Mr. Hecht's mention of alternatives other than salt pumping. Mr. Hecht mentioned an old DWR report and his own report on the Jordon trial testimony as sources of other alternatives. Mr. Hecht agreed to send a copy of Steve Jordon's letter on the subject to Mr. Durbin and will provide a bibliography regarding alternatives. Mr. Hecht stated that the big issue is the base period and suggested that Mr. Durbin update the model to reflect recent data. Mr. Durbin indicated that this would be done. Mr. Martin suggested that the more important thing would be the steady state calibration. Mr. Durbin requested a diskette from Mr. Martin with input data for the USGS model. Mr. Durbin indicated that changes will be transmitted partly through changed pages and partly through addition of appendices. Changes and additions to the model documentation should be expected by mid-July 1995.

6. City of Lompoc Pumping Proposal It was not clear when or if the pumping proposal would be completed and released. It was agreed that the modeling sub-committee should be limited to Mr. Durbin, Mr. Shahroody, Mr. Hecht, Mr. Martin, and Mr. Mack, with a meeting or meetings to be held in Davis.
7. Other Business There was discussion about the need for Technical Committee meetings as a follow-up to the meeting of the attorneys.
8. Public Comment None.
9. Date of Next Meeting The next meeting of the Technical Committees was tentatively set for 9:30 a.m. on Monday, July 24, 1995, in Santa Barbara.

The meeting was adjourned at 11:35 p.m.

City of Lompoc - Cachuma Project Members Negotiations Meeting of Technical Committees

Monday, May 22, 1995

Conference Room -- El Estero Wastewater Treatment Plant
520 E. Yanonali Street, Santa Barbara

List of Attenders

<u>Name</u>	<u>Agency</u>
BILL FERGUSON	CITY OF SANTA BARBARA
Steve Mark	" " "
THOMAS M. PETERSEN	S.Y.R.W.C.D. I.D. #1
CHARLES B. HAMILTON	CARPINTERIA CWD
ROBERT LIEBERKNECHT	" "
Chuck Evans	Montecito WD
BARRY HECHT	Balance Hydrologics for CCRIB
Peter Mantvi	US Geological Survey
BOB PAUL	GALETA
Chip Willbrandt	MWD & MWD
STEVEN A. AMERIKANER	ID #1
TIM DUBOIS	City of Lompoc
Dave Schuster	" " "
GARY KEEFE	City of Lompoc
Ali Shahroody	SYRWCD
Bob Pike	City of Santa Barbara
Robert Almy	Santa Barbara Co. Water Agency
Hussien MAZAM	City of Lompoc