

# MEMORANDUM:

May 28, 1987



ENGINEERING GROUP

TO: Jim Fink, Principal Engineer, Hydrology - Special Projects

FROM: Carlos A. Montoya, Hydrology Section *CAM*

SUBJECT: REVISED MARCH 1987 PHASE I - EXISTING CONDITION REPORT OF AMDS  
VOLUME II

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I have reviewed the subject plan and forward the following comments:

1. There appears to be a typo for the composite CN formula at the bottom of Page 13.
2. Because of drainage improvements, areas which were in flood zones, now are relieved of the flooding problems. However, until FEMA approves the area II restudy, people will continue to pay flood insurance. On page 24, the report indicates that two storm systems have not been installed but were used in the analysis. To obtain a FEMA Letter of Map Revision, the drainage systems have to be in place. Therefore, the restudy approval may be delayed until these two improvements are in place. It may be advantageous to delineate the areas which are protected by the Highland Detention Phase II and III and South San Mateo storm drain Phase I and II. This delineated area could be submitted to obtain a Conditional Letter of Map Revision. The rest of the restudy would be submitted to obtain a Letter of Map Revision. An attachment shows the different FEMA definitions.
3. The basin hydrology table in Appendix III should also have the following headings:  
  
The percent direct runoff impervious area; percent detained runoff impervious area; and the hydrologic soil groups.
4. I used the soil survey for Bernalillo County published by the SCS. The report shows "A" hydrologic soils centering at University of New Mexico and Central. Was this the report used to determine the hydrologic soil groups?
5. Would you consider this area to be a group "A" soil after urbanization? Native soils have been mixed or removed or fill material from other areas may be introduced.

If you should have any questions regarding my review comments, please call me at 768-2650.

RECEIVED

Attachment

JUN 02 1987

CAM/bsj

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