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RIVERSIDE COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT

October 10, 2006

RECEIVED

OCT 16 2006

RBF CONSULTING

Mr. John McCarthy  
RBF Consulting  
Post Office Box 57057  
Irvine, CA 92619-7057

Dear Mr. McCarthy:

Re: Mabey Canyon Debris Basin  
Proposed Foothill Parkway Crossing

Thank you for the opportunity to review and comment on the referenced feasibility report for the proposed roadway extension. Our review has raised a few concerns that we wish to share with you at this time.

- The proposed basin grading would result in 25-foot deep cuts at the upstream end of the reservoir. Cuts of this magnitude will likely result in severe headcutting upstream onto private properties. The reservoir may well need to be expanded farther upstream at a lesser longitudinal grade in order to minimize cuts yet gain the additional storage volume necessitated by the roadway fill. Further, additional rights of way would need to be secured and conveyed to the District. Existing inlet channels and collection facilities would need to be redesigned and reconstructed.
- The proposed box drop inlet to the spillway structure is unacceptable as proposed. We feel that it poses a serious health and safety hazard to the public and to District Maintenance and Survey staff. It would be interesting to learn how other agencies with such structures have dealt with such safety and liability issues.
- Please note that the existing spillway structure is not an emergency spillway, but rather a service spillway. The structure is utilized to convey runoff during even small to moderate events should the existing inlet of either structure plug or have its capacity exceeded.
- District policy prohibits the installation of underground utilities within its embankments, levees and dams.
- Be advised that as with other critical District facilities, no construction activities will be allowed to take place between October 1<sup>st</sup> and March 30<sup>th</sup> (rainy season). Construction scheduling for the roadway project should reflect the available construction window.

As you know, Mabey Canyon Dam is regulated by the California State Division of Safety of Dams (DSOD). All coordination with DSOD related to this District facility should be made by or through District staff. We are in the process of setting up a meeting between District and DSOD staff to present and discuss your proposal. Following that meeting we will be in a position to provide further comments and guidance for your design effort.

EXHIBIT 20A

Mr. John McCarthy  
RBF Consulting  
Re: Mabey Canyon Debris Basin

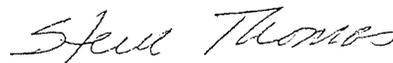
-2-

October 6, 2006

Subsequent to our approval of your conceptual plan, a cooperative agreement specifying the roles and responsibilities of the City of Corona and District for the project will be prepared by District staff. A special account will be established to accurately track agreement preparation, plan check and construction inspection costs.

We look forward to working with you on this project. Should you have any questions regarding this matter, please feel free to contact me at 951.955.1280.

Very truly yours,



STEPHEN C. THOMAS  
Chief of Operations and  
Maintenance Division

c: City of Corona  
Attn: Steven Enna, Senior Civil Engineer  
Michael Rawson  
Clyde Johnson  
Tom Rheiner

SCT: rlp