

CITY OF ALBUQUERQUE



March 13, 2013

Genny Donart, P.E.
Isaacson & Arfman
128 Monroe NE
Albuquerque, NM 87113

Re: The Foothills CLOMR
Engineer stamp date 1-16-13 (E22/D007E)

Dear Ms. Donart,

Based upon the information provided in your submittal received 1-23-13, Hydrology provides the following comments to be addressed prior to submitting the CLOMR:

- The documents should be titled "CLOMR request for The Foothills" rather than DMP.
- In the Introduction I would delete the last two paragraphs.
- In the Existing and Proposed conditions sections, the flow stated is for the 24-hour storm. The proposed Special Flood Hazard Areas should be based on the 100 yr- 6 hour storm.
- The RTI report, September 1987 in Appendix B states a 100 year peak discharge of 3,440 cfs. This is considerably less than the 4,225 cfs that is used in this CLOMR application.
- What is the flow rate as provided in the High Desert Drainage Management Plan, BHI 1993 for the 6 hour storm? Have there been any changes in the basin since this report?
- What is the purpose of including the Memorandum from Craig Hoover of BHI to Sushil Chaudhary at the Dam Safety Bureau?
- A color Topographic Work map (proposed FIRM Revisions Appendix G) is required in the submittal. This map should show the existing and proposed floodplains. I cannot discern the proposed floodplains in this submittal.
- The Topographic Orthophoto map in Appendix A is difficult to read and does little to help this submittal.
- The CLOMR should begin (tie) upstream of Tramway Blvd so that the floodplain is no longer shown on Tramway Blvd. It also must tie downstream in the dam.
- HEC-RAS cross sections should be included in the area upstream of Tramway Blvd.
- Mention that AMAFCA maintains the dam and has informally agreed to maintain the channel.
- Hydrology will keep the submitted check in a lock box in our building. If this is not acceptable, please let me know.

PO Box 1293

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www.cabq.gov

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If you have any questions, you can contact me at 924-3986.

Sincerely,

Curtis A. Cherne, P.E.
Principal Engineer, Planning Dept.
Development and Building Services

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C: e-mail

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