

CITY OF ALBUQUERQUE



September 11, 2014

Charles Easterling, P.E.
Easterling Consultants
3613 NM 528, Suite E-2
Albuquerque, NM 87114

**Re: I40 South and Unser Mini DMP
Engineer's Stamp Date 7-14-14 (K09D026)**

Dear Mr. Easterling,

Based upon the information provided in your submittal received 6-12-14, the above referenced report cannot be approved for Drainage Masterplan until the following comments are addressed:

1. The report claims that the recent migration in computer software to 64 bit Windows 7 operating systems made it impossible to model the hydrology using the traditional AHYMO '97 model. This must be a self-imposed limitation as a drainage report for FedEx was submitted and approved using AHYMO '97 and numerous other firms submit drainage reports using AHYMO '97 every day.
2. AHYMO is still the approved model in the DPM and is on the approved hydrologic models list for the NFIP. HEC-HMS 3.0 and higher is not listed as an approved model by the NFIP without local calibration, however it seems they accept LOMR's using the program.
3. The basin north of I-40, as mentioned in previous letters, was not included in this analysis. This basin includes the area; north of I40, west of 98th street, south of the diversion channel with the eastern extent across I40 from the northwest corner of Bruckner's Truck stop.
4. On the top of page 4 add the I40 basins as contributors to Pond 6.
5. The freeboard for Pond 6 is shown as 0.4 feet. Proposed runoff should be reduced to increase the freeboard to 1.0 feet.

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

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

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Hydrology
Planning Dept.

C: e-mails