

CITY OF ALBUQUERQUE



January 11, 2016

David Tull, P.E.
Superior Stormwater Services, LLC
8505 Paseo Alameda NE
Albuquerque, NM 87113

**Re: Pulte @ Mirehaven Phase 2A
Erosion Sediment Control Plan
Engineer's Stamp Date 12-11-15 (H09E017E)**

Dear Mr. Tull,

Recently the City began requiring an approved ESC plan in Work Orders (construction plans in the City ROW). As you know, most projects consist of two phases. The first phase is the grading of the entire site, which in general requires edge controls. The second phase is the vertical phase, which requires inlet protection, on-lot ponds, other sediment BMPS based on slope. Comments/approvals will be broken into two phases.

Stormwater Quality provides the following comments on the ESC plan for the first phase.

- a. Mirehaven Parkway has relatively long and steep sections that drain to existing roadways. Stormwater Quality has seen this at a recent project and a BMP(s) in addition to the entrance is required to keep sediment out of the streets. I've attached a photo of the project. An offline sediment pond, northwest of the entrance to Tierra Pintada could work. For the long run to the north since the grading plan shows an LID swale in the median, the contractor could grade the swale in the middle, then waddles could be installed every 100 feet or so.
- b. ABQ Canyon Dr is another long steep stretch. A pond or berm could be built at the downstream end.
- c. A pond or berm could be proposed at the north end of Vista Ciudad DR.
- d. It seems a BMP similar to the BMP at the north end of Willow Canyon Trl in Del Webb would work.
- e. There is currently an open storm drain in the northeast corner. It is in a sediment pond, but could probably use a large wattle.

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Stormwater Quality provides the following comments on the ESC plan for the second phase (Streets and storm drain being constructed and for after streets and storm drain are constructed and pads are graded. Includes Work Order and Building Permit approval)

- a. Provide inlet protection for street inlets. The green L-shaped ones appear to work that Superior is currently using, but I don't see them on the detail sheet. I saw note 13, but all inlets are susceptible to an inflow of sediment and showing the location (IP) on the plan would be more effective than a note.
- b. A BMP should be proposed in the front yards perpendicular to the street along the steeper streets (slope > 2.5%) to slow down the water and prevent sediment from depositing in the street at the bottom of the hill. Note 6 speaks to this, but it is not clear how it will be implemented and leaving it up to the contractor does not appear effective based on over 200 field inspections. BMPs similar to Valle Vista may be effective.

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If you have any questions, you can contact me at 924-3420.

Albuquerque

Sincerely,

Curtis Cherne, P.E.

Principal Engineer, Stormwater Quality
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C: email