July 31, 2017

Diane Hoelzer, P.E.

Mark Goodwin and Associates

P.O. Box 90606

Albuquerque, NM 87199

**Re: Oakland Ridge Subdivision**

**Erosion and Sediment Control Plan**

**Engineer’s Stamp Date 7-25-17 (C18E085)**

Dear Ms. Hoelzer,

Based upon the information provided in your submittal received 7-26-17, the above referenced plan is not approved to be included in the Work Order construction plans until the following comments are addressed:

1. Provide maximum pole spacing in the silt fence detail. Maximum spacing is 10 feet.

2. Provide grades.

3. Provide street slope.

4. Please change “Compacted Construction Entrance” to “Stabilized Construction Entrance”.

4. The wattle arrangement and the wattle detail do not agree at the south end of Olivine Ct. On the plan view they appear to take up too much room, which will make access to Lot 12 difficult. Stormwater Quality recommends just calling out “Inlet Protection” on the plan view and providing a range/choices of inlet protection in the details.

The reason for the range/choices is that inlet protection in a subdivision should change as the build-out progresses. When the Work Order is complete and there are no houses (lower Q and higher potential for erosion), a BMP that covers the grate and throat should be used. This BMP should allow water to filter through. As more houses are constructed, the BMP should be less restrictive to accommodate the increased flow.

The selection of the appropriate inlet protection depends on: how many lots are dirt, expected flow rate, and how well the owner maintains their site (e.g sweeping, cutbacks, etc…) .

Stormwater Quality also recommends filter or mulch socks in place of wattles when protecting the grate and throat as these socks allow water to pass and wattles don’t.

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

Sincerely,

Curtis Cherne, P.E.

Principal Engineer, Stormwater Quality, Planning Dept.