



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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UDFCD Maintenance Eligibility Program Referral Review Comments

Project: **Parker Pointe**
Stream: **Kinney Creek**
UDFCD MEP Phase: **Design**
UD MEP ID: **106995**

Dear **Mr. Paul Workman**,

This letter is in response to the request for our comments concerning the referenced project. We appreciate the opportunity to review this proposal. We have reviewed this proposal only as it relates to major drainage features, in this case:

- Kinney Creek

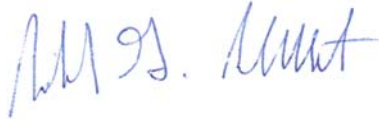
We have the following comments to offer:

1. A High Functioning Low Maintenance Stream approach that utilizes fluvial geomorphology and natural stream design may be the most sustainable and best approach for this project.
2. This project is ideal candidate for fee-in-lieu of improvements and adaptive management, since there is no critical need of improvements with development.
3. The velocities of the stream exceed 7 fps during the 100-year event. These velocities exceed the threshold for natural grasses. Additional design is needed to prevent future stream degradation.
4. The active/low-flow channel should be pulled from the inside bank at check structures.
5. The development includes work in the floodplain. A local floodplain development permit is needed for this work.
6. My last day at UDFCD is 1/4/19. The project and background has been transitioned to Laura Kroeger.

Please feel free to contact me with any questions or concerns.

Sincerely,

Urban Drainage and Flood Control District



Richard G. Borchardt

Stream Services Program

Cc: Jacob James, Stormwater Manager – Town of Parker
Al Peterson, Douglas County
Chris Castelli, Kiowa Engineering
Laura Kroeger, UDFCD