

Cherne, Curtis

From: Cherne, Curtis
Sent: Friday, September 13, 2019 2:01 PM
To: 'Jeff Mulbery'
Cc: Kevin Patton (Kevin.Patton@PulteGroup.com); Brissette, Renee C.; Biazar, Shahab
Subject: Offsite Basin 9-D.2-Montecito Vistas Unit 3-4
Attachments: pond_high-area.jpg; correct_pond_location.jpg; small_arroyo.jpg; flow4.jpg; flow4_erosion.jpg; tall_slope.jpg; swale_wall.jpg; flow4_pond_post-storm.jpg

Jeff,

Good afternoon.

I was out at Montecito Vistas this morning to perform a water test on a gutter near Kevin's favorite sidewalk culvert as the gutter was built as standard and should have been depressed. Of course, I had to follow the drainage up the hill to see how it came into the subdivision.

The purpose of this e-mail is to give you a heads up on a couple things to help expedite the drainage certification for the project. I wasn't planning on having to look and report on these things, but there have been issues lately.

1. Please look at basin 9-D.2, BHI stamp date 8-16-16. This offsite basin and associated arroyo were previously identified in my rough analysis of the erosion issue along the road. (flow 4)
2. It seems a berm-pond was graded to intercept flows from basin 9-D.2. However, it is too far north and does not receive flows from the small arroyo that drains basin 9-D.2.
 - a. See small_arroyo.jpg and flow4.jpg, the white rocks in the pic are where the arroyo is (small_arroyo.jpg).
 - b. See pond_high-area.jpg, you can see the pond is in a high area. It appears to only receive drainage from the localized graded area.
 - c. See correct_pond_location.jpg and flow4_pond_post-storm.jpg, this is where the pond should be to intercept flows from the basin 9-D.2 arroyo.
 - d. This arroyo, 9-D.2, currently drains down the slope, eroding the slope (see flow4_erosion.jpg) and ponds against the wall.
3. The pipe that drains the pond does not daylight on the downstream end.
3. The slope along the western edge is about 15 feet high in some locations (see tall_slope.jpg and swale_wall.jpg). It may slough-off into the swale/against the wall.
4. I guess Pulte Homes will be maintaining the pond, I did not see any notes on the Preliminary plat.

Please evaluate these items.

Thank you.



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