From: Abiel X. Carrillo
To: "CCEAlbq@aol.com"
Subject: RE: L22D059 - PJ"s Motorcycle Site Expansion - 3-16-2016 Stamp Date
Date: Friday, April 08, 2016 1:03:00 PM
Attachments: PJ"s Motorcycle Calculations.pdf

Phil,

I had put together this sheet, it helps explain my comments and how I am justifying not capturing the 10-day volume…

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From: Abiel X. Carrillo
Sent: Friday, April 08, 2016 12:55 PM
To: 'CCEAlbq@aol.com'
Subject: L22D059 - PJ's Motorcycle Site Expansion - 3-16-2016 Stamp Date

Phil,

Based upon the information provided in your submittal received 3-18-2016, the above-referenced Grading and Drainage Plan cannot be approved for Building Permit until the items below are addressed:

1. The concept of the plan is acceptable, but the hydrology calculations need to be updated as follows:

    a. DESIGN CRITERIA: The site is in Zone 3 not Zone 4, which will help reduce the 'historical flow' being released.

    b. EXISTING CONDITIONS: The site is analyzed with 100% Land Treatment A, which is not correct, half of the lot is developed.

    c. DEVELOPED CONDITIONS: The calculated 100-yr volume does not appear to be correct.

    d. FIRST FLUSH: Although the pond is expected to manage the first flush volume in its entirety, please be aware for future reference that the first flush is calculated by

taking the impervious area and multiplying by 0.34” (0.44” per the Ordinance minus 0.1” for initial abstraction).

2. The pond should retain the 100-yr, 6-hr design storm, which is approximately 8350 CF (by my calculation using your land treatment numbers). If you are not able to meet that volume, justify on the plan. Fortunately, it appears that the peak flow will actually be lowered since you are retaining more than half the design storm.

3. We recommend using a “recoverable” slope along the edge of the pond that is next to the driving lane (Not a hydrology requirement, just a recommendation).

I realize that these comments may be considered minor, but we need to make sure that the plan is aligned with the DPM, given the sensitivity of discharging to the adjacent property.

Also, you are welcomed to swap out the sheet instead of making a new submittal if you keep the same stamp date since the adjustment is minor.

Any question just let me know.

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