

From: [Cammie Dewey](#)
To: ["Robert Casper"](#)
Cc: ["Devo Seereeram"](#); [Mike Register](#); ["Livingston, Eric"](#); twaterho@sfwmd.gov; dmeiers@sfwmd.gov; ["Hank Higginbotham"](#); [Bowden, Jerry](#); ["Michael Bateman"](#); ["Marty Wanielista Wanielista"](#); ["Harvey Harper"](#)
Subject: RE: Nutrient Loading on a Dry Pond
Date: Thursday, July 21, 2011 8:47:04 AM

Hi Bob,

Sorry for my delay in responding, I was out of the office yesterday afternoon.

My understanding was that the area of the dry retention ponds were to be included in the loading analysis, they would be considered open space.

I had understood that wet ponds could be eliminated from the calculations, but most of the calculations we see do include the pond area.

Unfortunately, the design examples in the draft handbook are not very clear on either of these scenarios, but I have instructed the review engineers that the dry pond area does need to be included and if the wet pond area is not included, it is OK. I don't know that this topic has been fully agreed upon by FDEP and all the Districts, so if your clients have projects in the other Districts you may want to discuss how they are reviewing those scenarios. I have copied FDEP and District staff on my response.

Cammie

Cammie Dewey, P.E., Director
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From: Robert Casper [mailto:robert@devoeng.com]
Sent: Wednesday, July 20, 2011 3:20 PM
To: Cammie Dewey
Cc: 'Devo Seereeram'
Subject: Nutrient Loading on a Dry Pond

Hi Cammie,

We recently got a technical support questions which involves whether or not the area of a dry pond should be included or excluded from the nutrient loading calculation for a basin under the

new FDEP stormwater rule.

The question came about as part of an RAI, in which a SJRWMD reviewer indicated that the dry pond area itself should be included in the calculation for nutrient loading. It had previously been our understanding that the dry pond area was not included, since it was part of the stormwater management system.

I was hoping you could clarify SJRWMD's position on this issue so that we can properly advise users when we get these sorts of technical support questions;

- 1) Is or is not the dry pond area included in the area which contributes runoff and nutrient loading, and
- 2) What is the appropriate land use for the pond area itself (which will affect the nutrient loading generated within the pond area)

Thanks

Bob Casper
Devo Engineering