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|---|---|
| **From:** | Tiffany Busby |
| **To:** | Homann, Moira |
| **Cc:** | Tina Gordon |
| **Subject:** | RE: Quick question for Mike/completion date/Daniels Road - Oakland Point Subdivision swale |
| **Date:** | Tuesday, February 25, 2020 12:13:19 PM |
| **Attachments:** | image001.png<br>FW When you don"t have anything to do.....Daniels Road - Oakland Point Subdivision swale.msg<br>Homann_M_Response to Wood STAR verification questions_022520.docx<br>Summary_Sheet_Loads_Wekiva_NSILT.xlsx |

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Moira,

Thanks for the call today about the draft response to Wood and the information we have available for verification for H-M and Wekiva. Based on the call, you asked me to update yesterday's Word document for transmittal to Wood (taking out our internal notes) and to extract the summary sheet from the Wekiva NSILT Excel workbook, so it can be provided to Wood.

As requested, both are attached. In the meantime, we heard from Oakland (below), so I have left their project (OAK-14) on the list for verification. I am also attaching a copy of the cover email from Oakland, which Wood also needs (a copy was also sent to you yesterday, but I am including everything needed for the response).

Please let me know if you need anything else!

Tiffany

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**From:** Homann, Moira <Moira.Homann@FloridaDEP.gov>
**Sent:** Tuesday, February 25, 2020 11:33 AM
**To:** Tiffany Busby <tlbusby@wildwoodconsulting.net>
**Subject:** RE: Quick question for Mike/completion date/Daniels Road - Oakland Point Subdivision swale

Yes, please.

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**From:** Tiffany Busby <tlbusby@wildwoodconsulting.net>
**Sent:** Tuesday, February 25, 2020 10:54 AM
**To:** Homann, Moira <Moira.Homann@FloridaDEP.gov>
**Subject:** FW: Quick question for Mike/completion date/Daniels Road - Oakland Point Subdivision swale

So, leave the Oakland project on the Wood verification list?

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**From:** Mike Parker <MParker@oaklandfl.gov>
**Sent:** Tuesday, February 25, 2020 10:19 AM
**To:** Tiffany Busby <tlbusby@wildwoodconsulting.net>
**Cc:** Homann, Moira <Moira.Homann@FloridaDEP.gov>; alane@cphcorp.com
**Subject:** RE: Quick question for Mike/completion date/Daniels Road - Oakland Point Subdivision swale

Hi Tiffany,
The project was completed in March, 2019, just last year.
Hope this helps….
Mike

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**From:** Tiffany Busby <tlbusby@wildwoodconsulting.net>
**Sent:** Monday, February 24, 2020 3:55 PM
**To:** Mike Parker <MParker@oaklandfl.gov>
**Cc:** Homann, Moira <Moira.Homann@FloridaDEP.gov>; alane@cphcorp.com
**Subject:** Quick question for Mike/completion date/Daniels Road - Oakland Point Subdivision swale

Hello Mike,

Could you answer a quick question for me? My colleagues Tina Gordon and Moira Homann are both out of the office today, so I am following up on the Wekiva project updates on their behalf. Thank you again for responding and providing your project information. While looking at your list, I don't see a project completion date for the Oakland Pointe Drainage Improvements (OAK-14). ***My question is--when was that project completed?***

I can tell it was after 1995 when the report was done, but the completion date in your Excel spreadsheet (column O) says N/A. DEP has a cutoff of January 2009 for the oldest date by which a structural project like this one can be completed based on the data that were used to estimate the load reductions needed in the Wekiva/Wekiwa.

I wanted to see if the project is eligible, or if it was completed too long ago to have credits assigned to it in the BMAP. Please let me know, so I can update the completion date field. Feel free to call me if you want to discuss.

Tiffany Busby
904-797-2721

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**From:** Mike Parker <MParker@oaklandfl.gov>
**Sent:** Wednesday, January 29, 2020 12:11 PM
**To:** Tina Gordon <tgordon@wildwoodconsulting.net>; Homann, Moira <Moira.Homann@FloridaDEP.gov>
**Cc:** Stephen Koontz <skoontz@oaklandfl.gov>
**Subject:** FW: When you don't have anything to do.....Daniels Road - Oakland Point Subdivision swale

Tina,
Attached is the info on OAK – 14 and I used your calculator to get some further info on the other projects.
Mike

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**From:** Lane, Allen C. (P.E.) <alane@cphcorp.com>
**Sent:** Wednesday, January 29, 2020 11:32 AM
**To:** Mike Parker <MParker@oaklandfl.gov>
**Subject:** RE: When you don't have anything to do.....Daniels Road - Oakland Point Subdivision swale

Mike,
I found the info you were looking for.

The work we help with was to verify the storm calcs in an effort to re-establish the swale that was originally constructed on the south side of the subdivision wall. The swale was part of the original storm water permit and was to provide the pollution abatement for the area draining to the swale. I have attached a copy of the basin map and the storm water report from June Engineering.

The Basin B area was the swale along the wall. The design info is on page 11 and 12 of the report PDF. It was to collect runoff from 4.191 acres and provide treatment for ½ + ½ inch of runoff (total of 1 inch). Page 13 shows the Basin B swale volume, which exceeds the required calculated volume.

To answer your questions:

- The swale did not appear to have swale blocks in the original design. It did drain to a "pool" at the end of Daniels Road. From there, the runoff would stage up and continue to drain down the swale to the western end where it would eventually pop off and drain west around the subdivision.
- We don't have a shape file. The report stated the swale was to treat runoff from 4.191 acres.
- BMP characteristics:
    - 1 inch of retention
    - Swale area is 520 feet by 20 feet wide.
    - Rainfall runoff depth is 1 inch. The volume of the swale was designed to hold more than the required runoff.

I hope this helps.

Allen

**Allen C. Lane, Jr., PE**
Project Engineer

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alane@cphcorp.com

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**From:** Mike Parker <MParker@oaklandfl.gov>
**Sent:** Thursday, January 23, 2020 3:13 PM
**To:** Lane, Allen C. (P.E.) <alane@cphcorp.com>
**Subject:** When you don't have anything to do.....

Allen,
The State has requested this info on the swale that was placed at Speer and Daniels, for nutrient removal reasons. Can you provide an answer to the 3 questions below? They are requesting to have it by 1/30/2020.
Mike

For the swale, we will need:

- Does the swale have blocks or raised culverts?
- Shapefile of drainage basin serviced/treated by project
- BMP dimension characteristics
    - Inches of retention
    - Area of swale(s)
    - Design retention treatment depth (rainfall runoff depth of contributing basin)

Regards,
Mike Parker
Public Works Director
407-656-1117 ext.2302
MParker@oaklandfl.gov
Town of Oakland, FL

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