



State of New Jersey

THE PINELANDS COMMISSION

PO Box 359

NEW LISBON, NJ 08064

(609) 894 7300

May 20, 2011

Nancy Wittenberg
Executive Director

CHRIS CHRISTIE
Governor
KIM GUADAGNO
Lt. Governor

David S. Scheidegg, PE
Schaffer Nassar Scheidegg Consulting Engineers
1425 Cantillon Boulevard
Mays Landing, NJ 08330

Please Always Refer To
This Application Number

Re: Application # 2004-0319.001
Route 40, Cedar Avenue, Main, Fir, Holly
and Greenbriar Avenues
Buena Vista Township

Dear Mr. Scheidegg:

We have reviewed information received on April 13, 2011 and May 12, 2011 proposing stormwater management for the above referenced application for installation of sidewalks.

The submitted information indicates that the volume of runoff created from the net increase in impervious surfaces which resulted from the sidewalk installation is directed to an existing stormwater infiltration basin located on Block 4529, Lot 4, which also contains the Richland Fire House. The concerned stormwater basin was approved as part of the Richland Fire House application (App. No. 2008-0068.001). The submitted stormwater calculations represents that there is adequate capacity in this existing basin to accommodate the stormwater runoff from both the firehouse site and the concerned sidewalks.

Based upon our site inspection, the firehouse stormwater management basin does not appear to be infiltrating all stormwater within the timeframe required by the Township land use ordinance. To demonstrate that the stormwater runoff from the proposed sidewalks will meet applicable stormwater management standards, it must be demonstrated that the existing basin is infiltrating stormwater so as to provide adequate capacity for the additional stormwater runoff generated by the sidewalks.

To demonstrate consistency with the stormwater management standards of the Township land use ordinance and the Pinelands Comprehensive Management Plan (CMP), please submit the following information:

1. It appears that the Commissioners of Fire District #1 are the owner of Block 4529, Lot 4. Please submit written consent from the property owner to the inclusion of Block 4529, Lot 4 in this application and to allow for the use of the existing

www.nj.gov/pinelands

General Information: Info@njpines.state.nj.us

Application Specific Information: ApplInfo@njpines.state.nj.us



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stormwater management basin on the lot to retain stormwater generated from the concerned sidewalk improvements.

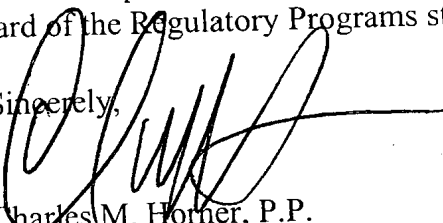
2. Please assess the infiltration capabilities of the existing stormwater basin located on Block 4529, Lot 4 and identify what measures are necessary to make the basin function consistent with the stormwater management standards of the Buena Vista Township land use ordinance and the CMP.
3. Please submit a sign and seal copy of the previously submitted Groundwater Mounding Analysis Certification.
4. Based upon our site inspection, it appears that many of the stormwater inlets along Route 40 that are located adjacent to the sidewalks are either filled with water and/or sediment. Please identify on the plan all stormwater inlets within the drainage path of stormwater runoff generated by the concerned sidewalks that are not functioning, and identify the measures necessary to make the inlets function appropriately.
5. Please clarify how stormwater generated from the above referenced sidewalk installations will actually reach the existing inlets. It is currently not clear whether stormwater generated on the sidewalks will reach the inlets because the sidewalks appear to be are often graded away from the roadway and may likely result in sheet flow onto existing lots but not to the roadway and inlets.

You may wish to consider alternate methods of provided the required stormwater management for the concerned sidewalks. These may include the installation of gravel trenches and/or subsurface infiltration measures (i.e. perforated pipe in stone trenches) adjacent to the concerned sidewalks or other stormwater facilities in the same HUC 14 drainage area.

For your convenience, application submissions consisting of letter or legal sized documents and electronically notarized application forms may now be submitted via email to AppInfo@njpines.state.nj.us. Large reports, plans, checks, and items that have a manually applied seal (i.e., plans, manually notarized items, etc.) must still be submitted as hard copies.

Please include your application number on any submitted information. Within 30 days of receipt, we will review and respond in writing to any submitted information. No further review of the application will occur until the information requested in this letter is submitted. If you have any questions, please contact Rhonda Ward of the Regulatory Programs staff.

Sincerely,



Charles M. Horner, P.P.
Director of Regulatory Programs

RLW/CH

c: Mayor Chuck Chiarello