



August 26, 2020

Ryan Whittington
Pennsylvania Department of Transportation
Engineering District 06
7000 Geerdes Blvd.
King of Prussia, PA 19406


Re: Application Deficiency
Project: Hdquarters Rd/Tinicum Cr 1247
KEES Application #: 11521
AUTH ID: 1315054, **APS ID:** 1016795, **DEP Permit #:** E0901120-026
Tinicum Township
Bucks County

Dear Ryan Whittington,

The Department of Environmental Protection (DEP) has reviewed the above referenced application package and has identified the following significant technical deficiencies. The deficiencies are based on applicable laws and regulations, and the guidance sets forth DEP's preferred means of satisfying the applicable regulatory requirements.

You may request a time extension, in writing, before 10/25/2020 to respond to deficiencies beyond the sixty (60) calendar days. Requests for time extensions will be reviewed by DEP and considered. You will be notified in writing of the decision either to grant or deny, including a specific due date to respond if the extension is granted. Time extensions shall be in accordance with 25 Pa. Code §105.13a(b).

Pursuant to 25 Pa. Code §105.13a of DEP's Chapter 105 Rules and Regulations you must submit a response fully addressing each of the significant technical deficiencies set forth below. Please note that this information must be received within sixty (60) calendar days from the date of this letter, on or before 10/25/2020, including any applicable extension, or DEP may consider the application to be withdrawn by the applicant. If you believe that any of the stated deficiencies is not significant, instead of submitting a response to that deficiency, you have the option of asking DEP to make a decision based on the information with regard to the subject matter of that deficiency that you have already made available. If you choose this option with regard to any deficiency, you should explain and justify how your current submission satisfies that deficiency. Please keep in mind that if you fail to respond, your application may be withdrawn or denied.

Should you have any questions regarding the identified deficiencies, please contact Paul Suanlarm at 484-250-5168  to discuss your concerns or to schedule a meeting. The meeting must be scheduled within the sixty (60) calendar day period allotted for your reply, unless otherwise extended by DEP.

Sincerely,
Ranjana C Sharp, P.E.
Waterways & Wetlands Program

Application Deficiencies

1. Please provide National Parks Service (NPS) concurrence/clearance for the project.
2. Please provide velocity profile and adequate analysis for downstream areas along the banks of the water course for existing conditions and proposed conditions.
3. Please provide an updated PNDI receipt and clearances.
4. Please provide a grading alternative to align the stream bank with the upstream and downstream contours along the west bank and under the bridge structure to avert potential for downstream erosion.
5. Please provide an updated E&S approval from BCCD. The included approval was issued in the February 3, 2020 and the included E&S plans are date July 17, 2020.
6. Please address concerns with the removal of the 24-inch CMP pipe located under the approach and conveyance of larger storm events over the roadway approach.