



State of Ohio Environmental Protection Agency

Northeast District Office

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www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

July 21, 2008

RE: TRUMBULL COUNTY
CITY OF CORTLAND
PETROCCO PLAT 11

Mr. Anthony Petrocco
La Terra Bella LLC
95 East Montrose St., Suite A
Liberty, OH 44505

Dear Mr. Petrocco:

On July 2, 2008, I inspected the Petrocco Plat 11 development project located on Maplewood Drive in the City of Cortland, Trumbull County (site). Ohio EPA records indicate that the site is covered by General National Pollutant Discharge Elimination System Permit for Storm Water Associated with Construction Activity (General Storm Water Permit), No. 3GC01749*AG. During the inspection, I was accompanied by Mr. Mark Delisio, Ohio EPA, and Ms. Sarah Peterson, Ohio EPA. The inspection revealed the following deficiencies that must be addressed:

- The Storm Water Pollution Prevention Plan (SWP3) for the site currently does not depict a rock construction entrance to the site. A construction entrance is required where construction traffic leaves construction sites and enters roadways in order to prevent the offsite tracking of sediment. Please revise your SWP3 to include a rock construction entrance at the entrance to the site. Please refer to Ohio Department of Natural Resources' (ODNR) "Rainwater and Land Development" (RLD) manual regarding the proper specifications of a construction entrance. ODNR's manual is available at the following Internet address:

<http://www.dnr.state.oh.us/tabid/9186/default.aspx>

- The SWP3 for the site calls for silt fence along the entire wetland easement. In some areas, the silt fence is not in place (Figure 1). It is required that the SWP3 is followed. Please refer to ODNR's RLD manual regarding the proper installation of silt fence.
- In many areas onsite, the silt fence is failing and requires maintenance (Figure 2). Silt fence is to be functional throughout the course of earth disturbing activity. Properly installed silt fence requires the silt fence to be trenched six (6) inches into the ground and backfilled to create a ponding effect which will allow suspended sediment to be removed from storm water runoff prior to discharging into "waters of the state." In addition, sediment deposits shall be routinely removed when the deposit reaches approximately one-half of the height of the silt fence. The silt fence must be repaired and the sediment deposits must be removed.
- The temporary stream crossing is not currently built to specifications (Figure 3). The crossing should be covered with rock instead of dirt. Please refer to ODNR's RLD manual for the proper construction of a temporary stream crossing.

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- A drainage channel is present on site that drains water offsite. The improperly constructed rock check dam and the silt fence present in the concentrated flow are not appropriate sediment control measures (Figures 4 and 5). In order to properly discharge water offsite, the water must be treated in a properly constructed temporary sediment trap. Please refer to ODNR's RLD manual for proper sediment trap construction.
- A pipe is currently leading untreated water offsite (Figures 6 and 7). The pipe must be discontinued and other measures such as sediment traps must be installed. Any area of the site that will remain idle for twenty-one (21) days or longer and is located within fifty (50) feet of "waters of the state" must be temporarily stabilized within two (2) days of the last disturbance. Any area of the site that will remain idle for twenty-one (21) days or longer and is not located within fifty (50) feet of "waters of the state" must be temporarily stabilized within seven (7) days of the last disturbance. Please refer to ODNR's "Rainwater and Land Development" manual regarding proper temporary stabilization.
- A large amount of construction debris was observed on the eastern portion of the site that has been discarded along the western stream bank. The construction debris must be properly disposed of within a landfill that has been licensed to accept such waste material.

Within ten (10) days of receiving this inspection letter, provide me a written response as to how the deficiencies, noted above, shall be addressed. This letter also serves to formally request a copy of the site's storm water pollution prevention plan to be submitted for review. If you have any questions, please contact me at (330) 963-1125 or via e-mail at william.durance@epa.state.oh.us.

Sincerely,



William Durance
Assistant to District Engineer
Division of Surface Water

WD/mt

cc: Trumbull SWCD



Figure 1 - Silt fence ends abruptly. The SWP3 for this site calls for additional silt fence.



Figure 2 - Large deposits of sediment must be removed.



Figure 3 - The stream crossing must be covered with rock instead of dirt.

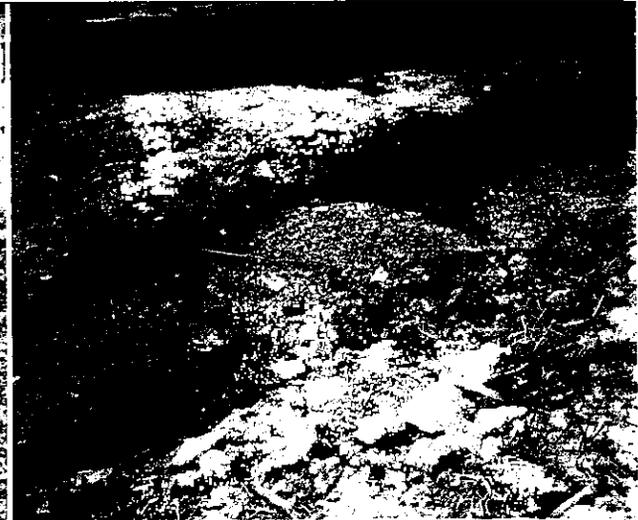


Figure 4 - Improper rock check dam.



Figure 5 – Improper rock check dam as well as silt fence in concentrated flow.



Figure 6 – Unacceptable drainage measure.



Figure 7 – Unacceptable drainage into areas off site.

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