

July 11, 2013

Ron Coyan
Lifestyle Communities
230 West Street Suite 200
Columbus, Ohio 43215

RE: Storm Water Inspection at Villages at Preserve Crossing Phase 4, Part 2 / Franklin County. Permit Number: 4GC03828*AG

Dear Mr. Coyan,

This letter is written regarding a storm water inspection conducted by Jerome Hoke and Brittany Turner of the Ohio EPA at Villages at Preserve Crossing Part 2 located at 5190 and 5212 Morse Road on July 3, 2013. The purpose of the inspection was to evaluate compliance with the General Storm Water Permit associated with Construction Activities. During the inspection, our staff noted the following issues associated with construction activities at this site:

Sediment and Erosion Control:

- We observed several storm-water drains that lacked inlet protections. Inlet protections are required, unless the storm sewer system is not routed to an approved centralized sediment basin (See Figure 1). It is my understanding Inlet protections are required by the city of Columbus regardless.
- There appeared to be several areas where sediment controls were either absent or had failed (See Figure 2). Please be aware the General Permit indicates that all sediment controls must be inspected and maintained every seven days or within 24 hours of a precipitation event equal to or greater than 0.5 inches. A log of inspection must be maintained on site for the agency to review.
- We noted barren areas that require protection from erosion around the centralized basin (See Figure 3). Be aware the General Permit states that all barren areas which remain idle in excess of 21 days must be protected from erosion within seven days of

the last earth disturbing activities. Successful vegetation is measured by a minimum density of 70%.

Temporary Riser

- During the inspection, it appeared that a temporary riser was not installed (See Figure 3). This results in the elimination of all effective sediment storage. Corrective measures must be taken to install a riser to the outlet structure to ensure ponding or demonstrate an appropriate alternative. The riser must be set to an elevation to accommodate the required storage of 67 cubic yards per acre of drainage for the dewatering zone and thirty seven (37) cubic yards per acre of disturbance for the sediment settling zone. Please refer to the following link for assistance: <http://www.dnr.state.oh.us/water/rainwater/default/tabid/9186/default.aspx>

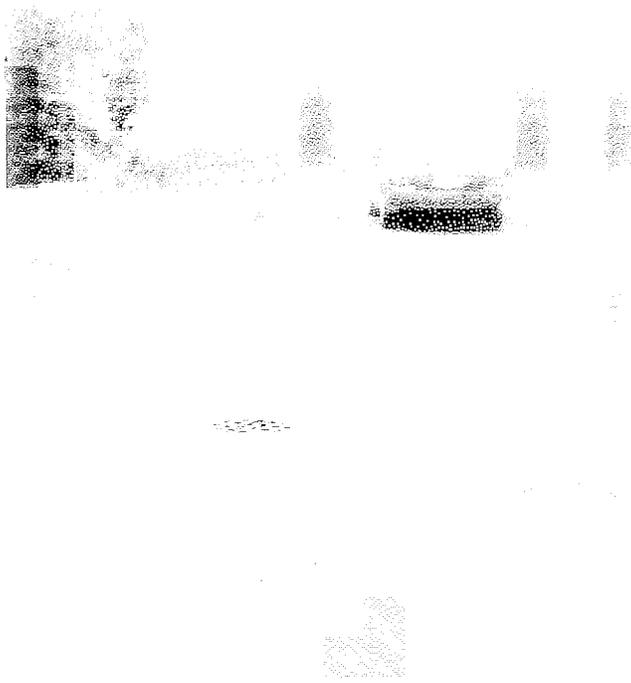
If you have any questions regarding this letter or the inspection, please do not hesitate to contact me at our Central District Office at 614-728-3844 or email at harry.kallipolitis@epa.state.oh.us.

Sincerely,



Harry Kallipolitis
Storm Water Coordinator
Ohio EPA
Division of Surface Water

c: Jeff Bohne, Water Quality Supervisor, DSW / CDO



Villages at Preserve Crossing Phase 4, PT 2
Big Walnut Creek Watershed
Photo by Jerome Hoke
7-3-13

Figure 1: Inlet protections are required throughout the site.



Villages at Preserve Crossing Phase 4, PT 2
Big Walnut Creek Watershed
Photo by Jerome Hoke
7-3-13

Figure 2: Sediment controls must be installed/maintained throughout the site.



Villages at Preserve Crossing Phase 4 - PT 2
Big Walnut Creek Watershed
Photo by Jerome Nicks
7-3-13

Figure 3: Barren area requires erosion controls and temporary riser/skimmer required.