



Environmental  
Protection Agency

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

May 10, 2011

Kristin Poldemann  
Ohio State University  
400 Central Classroom Bldg  
2009 Millikin Road  
Columbus, OH 43210

Amanda Griveas  
Office of Environmental Health and Safety  
1314 Kinnear Road  
Columbus, OH 43212

Re: Notice of Violation

46603368

Dear Ms. Poldemann and Ms. Griveas:

This letter is written in follow up to a series of storm water inspections I conducted of the Geothermal Well installation at The Ohio State University on the South Oval, adjacent to Hale Hall on March 23, 24, and 31, 2011. In addition, the letter also reflects a joint meeting with the University, Site Contractors, and city of Columbus on April 1, 2011.

***This letter also serves as a formal Notice of Violation for the turbid discharge associated with the dewatering operations into a separate storm sewer system on March 31, 2011.*** I understand this site is currently covered under Ohio EPA's "General Storm Water Permit Associated with Construction Activities," **Facility Number 4GC003368\*AG**. Based on my site observations and the conditions of the permit, the following items were noted.

- **March 23 and 24, 2011 Inspections:** The site was contained via the collection system with a series of pre-treatment controls noted. There were no discharges noted during the March 23 and 24 inspections.
- **March 31, 2011 Inspection:** The General permit prohibits turbid discharges to waters of the state or an associated conveyance such as a separate storm sewer system resulting from de-watering activities. During my inspection of March 31, 2011, I noted the turbid discharge from the de-watering activities at this site. The discharge was directed to a separate storm sewer system directly south and adjacent to the south oval (see attached photo). I collected a sample of the discharge during my investigation which later indicated a result of 3000 mg/l of TSS (Total Suspended Solids). The sample results are inclusive in this letter. Please understand this discharge represents a direct violation of Ohio EPA's "General Storm Water Permit Associated with Construction Activities." I requested the contractor shut down the pumps prior to my departure. The contractor immediately complied with my request.

Kristin Poldemann  
Ohio State University  
And  
Amanda Griveas  
Office of Environmental Health and Safety  
Page -2-

- **April 1, 2011 Meeting:** The Ohio State University, Site Contractors, and the city of Columbus were present during this meeting (Attendance Sheet Attached). During the meeting, I raised my concerns regarding the violation noted on March 31, 2011. As a result, a collective decision was made to route all future de-watering from the site, to a sanitary system, with the express permission from the city of Columbus. Please note, Ohio EPA considers the violation abated provided the continued discharge to the sanitary sewer.

If you have any questions regarding this letter or my inspections, please do not hesitate to contact me at our Central District Office at 614-728-3844. In addition, please provide a written response regarding the conditions which led to the violation and what corrective measures will be taken for future sites as I am aware there are additional Geo-Thermal Wells proposed for construction at the University.

Sincerely,

Handwritten signature of Harry Kallipolitis, with the text "For HAK" written next to it.

Harry Kallipolitis  
Storm Water Coordinator  
Division of Surface Water  
Central District Office

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

HK/nsm OSU-South-Oval



Site: The Ohio State University  
South Oval

Location: N 33.996856  
W 83.010314

Photo by: Harry Kalkpolda

Olentangy Watershed

Note: Turbid Discharge from de-watering operations  
into a separate storm sewer system

3/31/2011 8:25

