Ohio EPA
40 years and moving forward
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

February 14, 2013

Re: Ross County
Complaint 30002667

Mr. Travis Grubb
3573 Polk Hollow Road
Chillicothe, Ohio 45601

Dear Mr. Grubb:

I am writing this letter in response to a complaint received by this office on January 15, 2013. The complaint alleged that you spray polyurethane at your furniture shop.

On January 28, 2013, I investigated this complaint and spoke to you. You have a small woodworking and furniture shop located at 3573 Polk Hollow Road, Chillicothe, Ohio. Furniture, bookcases, etc. are painted, varnished or otherwise coated in a room inside your building. As I explained at that time, a properly designed and vented control device may be required for spray coating/painting operations such as this. During our phone conversation on February 5, 2013, you indicated that you had purchased a new exhaust fan which included a filter system and a stack. You stated that you plan to install this control system as soon as weather permits.

It appears that your coating operation may be exempt from Ohio EPA air permitting under the de minimis exemption (emissions less than 10 pounds per day). However, you must maintain daily records of your operations in order to confirm that you qualify for the exemption. You should begin keeping daily records of the volatile organic compound (VOC) emissions for each coating operation. You must include the emissions from all coatings (i.e., base coat, finish coat, etc.) and cleanup solvents used during each day. The VOC emissions for each product are calculated by multiplying the amount of each product used, in gallons, by the VOC content of that product, in pounds of VOC per gallon. The total daily VOC emissions are then calculated by adding all the individual VOC emissions values together for the products used that day.

If you have any questions, please contact Ralph Witte of the Office of Compliance Assistance and Pollution Prevention (OCAPP) by e-mail at ralph.witte@epa.state.oh.us or by phone at 740-380-5241.

Sincerely,

Lisa Duvall

Lisa Duvall
Environmental Specialist
Division of Air Pollution Control

LD/cs

cc: Ralph Witte-OCAPP-SEDO