



**Environmental
Protection Agency**

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

September 22, 2011

**Oglebay Norton Industrial Sands, Inc.
Facility ID # 0664000087
Perry County
2011 Compliance Inspection**

Tom Himes
Environmental, Health, and Safety Manager
Oglebay Norton Industrial Sands, Inc.
d.b.a. Carmuese
2446 Glass Rock Road
Glenford, OH 43739

Dear Mr. Himes:

On September 14, 2011, I met with you and Plant Supervisor, Doug Snider to conduct a Title V inspection at your Glenford, Ohio facility. The inspection was conducted to determine the facility's compliance with State and federal air pollution rules and regulations and the air permits issued for this facility.

Oglebay Norton is currently operating pursuant to a Title V permit that became effective on June 13, 2001, and expired on June 13, 2006. An application to renew this permit was received on January 26, 2006, thus, pursuant to Ohio Administrative Code rule 3745-77-08(E), the company is authorized to continue operations under the expired permit. The renewal application is currently in review at this office.

The following 16 non-insignificant sources are currently permitted at your facility:

- F005 - Glass sand bulk load-out;
- F007 - Steel sand storage silos;
- F009 - Sand dryers related process equipment;
- F010 - Plant stockpiles;
- F011 - Plant haul roads;
- F013 - Quarry blasting;
- F014 - Quarry haul roads;
- P902 - Ball mill 1;
- P903 - Ball mill 2;
- P904 - Ball mill 3;
- P905 - Flotation dryer;
- P906 - Finish Dryer;
- P907 - Steel sand dryer;
- P909 - Flint bagger/palletizer;
- P910 - Starkaire fluid bed dryer; and
- P911 - RSG air classifier.

At the time of the inspection, emissions units F005, F007, F009, F010, F011, F013, F014, P902, P903, P904, P907, P909, and P912 were in operation. In addition to evaluating the operating units, I also reviewed the units' records required by your Title V permit. With the exception of the following issues, the operating sources appeared to be in compliance with their applicable requirements. Emissions units P905, P906, and P911 were not in operation at the time of the inspection.

Potential Compliance Issues

P907 – Steel sand dryer - The scrubber serving this unit was operating and visible particulate emissions were noted from the scrubber stack at or near the dryer's visible particulate emissions limit. The scrubber is in poor condition and is scheduled to be replaced in the next several months. Please continue to operate the scrubber as well as it can be until it is replaced and amend the pending Title V permit application with an updated emission activity category (EAC) form when the replacement scrubber is put into operation.

General housekeeping – The steel sand dryer, conveyors, silos and associated control equipment, as well as the building housing units P909 and P912 and associated control equipment had large deposits of fine sand on the roofs or had sand being emitted from the processes into the atmosphere. The base of many of the buildings also had drifts of sand up against them. The dump truck hauling from the waste steel sand silo dropped sand out of its tailgate covering the plant roadways and County Road 36 (Sand Rock Road). I observed that portions of Sand Rock Road and County Road 92 (Glass Rock Road) near the plant were completely covered with silica sand, which in turn was causing drag out onto State Route 204. This presents not only a safety hazard, but also a source of fugitive particulate emissions that could contribute to a nuisance condition. The amount of sand present is indicative of improperly material handling procedures, control equipment failures, and/or leaking process ductwork. This sand needs to be cleaned up and the sources of emitted sand found and repaired.

As we discussed during the post inspection meeting, your company is currently under Director's Final Findings and Orders to address surface water issues, and is reclaiming sand found on the plant roadways, Sand Rock Road, and Glass Rock Road as part of an agreed upon control project. However, failing to control process-related fugitive emissions will only cause additional resources to be spent on the current sand clean-up work.

I would like to thank you for your assistance with this inspection. A copy of the inspection forms are attached for your records. If you have any questions or need additional information, please contact me by phone at (740) 380-5255 or email at marco.deshaies@epa.state.oh.us.

Sincerely,



Marco Deshaies
Environmental Specialist
Division of Air Pollution Control

MD/mlm

Enclosure

cc: Bruce Weinberg, DAPC/SEDO