

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection 5

P016723428

FACILITY: Cardinal Aggregates		SRN / ID: P0167
LOCATION: 3660 Carpenter Rd, YPSILANTI		DISTRICT: Jackson
CITY: YPSILANTI		COUNTY: WASHTENAW
CONTACT:		ACTIVITY DATE: 10/10/2013
STAFF: Glen Erickson	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Scheduled inspection of portable concrete crusher which locates at this site 1-2 times each year. This site is leased from Doan Companies which operates a concrete central mix plant on adjacent property with share roadways.		
RESOLVED COMPLAINTS:		

Scheduled inspection of portable concrete crusher owned by Cardinal Aggregates out of Ohio. They usually located at this leased site 1 - 2 times/year. Site is located in the NW corner of Doan Companies' property where they operate a central mix concrete plant.

Cardinal Aggregates responsible official is Phillip Eisel, VP of Operations, out of Perrysburg, Ohio, 419-872-4380. Eisel provided timely and complete notification of the plant relocation to this site on 9-24-13, before locating on 10-7-13. Contact person for this equipment is listed as Sue Hanf, 734-777-3647, who works for Stoneco.

Met with Ivan Zenk, Supervisor of operations. This crusher is covered by General Permit No. 200-10. One (1) impact crusher and associated screens and conveyors. Adequate water spray at crusher. Water supply is a buried line coming from Doan Companies' concrete plant located about 200 ft. south of where crusher is situated. Water line goes under the roadway next to the crusher and servicing the truck weigh scales.

Zenk has a water wagon that he uses to wet areas where his loader and portable shear operate on the concrete storage piles. Doan Companies supplies the calcium chloride treatments for the unpaved surfaces around the storage piles and the crusher. Appears that another application may be in order for Tom McCurry of Doan to order and apply. His previous treatment was 8-23-13.

Attempted to make contact with McCurry at his office at the plant, but he was not on-site at this time. Told the dispatcher to give him my card and tell him I thought another chloride treatment was in order, and that I would FU.

Small amount dust raised along access/egress roadway intersecting with Carpenter Road whenever a concrete mixer truck or a gravel train type truck connected with the recycled concrete operations travelled on this stretch. Truck speeds were kept at a slow speed throughout Doan Companies' plant yard and roadways.

Zenk showed me his used crusher bars that he had taken out of the crusher when he had installed new ones. He kept a couple of the impact bars of steel for emergency replacement. Although they normally only run into re-bar steel waste in the loads of broken concrete that they are crushing they periodically run into sledgehammer heads which quickly shatter the harder, ceramic infused harder steel bars, compared with the more flexible steel bars that don't have the hardening alloys added.

No VEs from crushing operation. No fugitive dust problems from around storage piles. Consider plant in compliance with the Gen. Permit. Will FU on operation which is scheduled to operate at this leased site to December.

NAME GLEN ERICKSONDATE 10-16-13SUPERVISOR 