

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

B523239678

FACILITY: Twin City Concrete		SRN / ID: B5232
LOCATION: 609 South Carpenter Avenue, KINGSFORD		DISTRICT: Upper Peninsula
CITY: KINGSFORD		COUNTY: DICKINSON
CONTACT: Bob Broullire , Operator		ACTIVITY DATE: 05/04/2017
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection to determine compliance with PTI# 289-75.		
RESOLVED COMPLAINTS:		

INSPECTION DATE: 5/04/2017**DEQ STAFF:** Joseph Scanlan**FACILITY:** Midwest Redi-Mix**FACILITY OWNER:** Twin City Concrete, Inc.

LOCATION: 609 S. Carpenter Avenue, Kingsford, Dickinson County. Location is urban and facility is in an industrial/commercial district. Gredde Foundry is next door.

DESCRIPTION: Small concrete batch plant with a single enclosed load-out area. PTI# 289-75 is for a 36-IS Dusty Dustless silo filter vent to control fugitive dust emissions from material entering the silo. This is a shaker-style naturally-vented baghouse using 36 filter bags.

INSPECTION: I met with plant operator Mr. Bob Broullier upon my arrival at the facility. There were no trucks loading at the time of my inspection so Mr. Broullier took me out to the load-out area and manually turned the filter shaker on--you could hear it operating by a squeak from the drivebelt and a faint noise.

Mr. Broullier explained that the filter bags are typically replaced every other year because they get too clogged, not due to holes or tearing. The truck drivers delivering the cement dust product who load the silo will complain that the vent isn't displacing air fast enough from the silo due to excessive positive pressure in the silo. It takes longer and longer to fill the silo because the bags become too impacted with fine particulate matter and air exchange is eventually greatly reduced. When the drivers start to complain, Mr. Broullier knows it's time to change the bags.

Fugitive dust control of the yard and haul roads is maintained by water spray as needed. I did not notice any fugitive dust issues during my inspection.

SUMMARY: This facility is in compliance with PTI# 289-75 and I did not observe any violations or concerns during my inspection.



Image 1(MWRM1) : 36-IS Dusty Dustless shaker-style silo filter vent, naturally-vented, positioned on top of load-out area.

NAME Joe Seiden

DATE 5/8/17

SUPERVISOR ESH