

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

N057927583

FACILITY: KLETT CONSTRUCTION DIVISION		SRN / ID: N0579
LOCATION: MICHIGAN PAVING & MATERIALS CO, PAW PAW		DISTRICT: Kalamazoo
CITY: PAW PAW		COUNTY: VAN BUREN
CONTACT: Tom Vasquez , Plant Operator		ACTIVITY DATE: 10/24/2014
STAFF: Dorothy Bohn	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: unannounced inspection		
RESOLVED COMPLAINTS:		

This was an unannounced inspection. Before entering the facility I drove on the south and west sides. The plant was operating. I did not detect any odors. I went to the main office at about 9:20. Terry Heckerthorn is the plant manager and he was not at this plant today. So I was directed to Tom Vasquez, plant operator. So I drove down to the operations building. I observed speed signs and a police speed monitor that states the vehicle speed. Some of the roadways (down closer to the silos) were watered recently. Tom said it was a busy week for them. I gave Tom an inspection pamphlet.

We discussed the lack of odor complaints this summer and he said he noticed a big difference. They installed a new condenser in the spring and plan to install some more. Also they improved capture (added a door) where the fresh asphalt dumps from the drum onto the conveyor to go to the silos. They also installed capture on the silos and now vent it to the drum. This was required by their permit and was in their application but the equipment/control was not installed. So they were in violation of their permit. They do not have capture of the truck loadout but it is not required in their permit like it is in the newer PTIs.

Tom also said that they have not installed the warm mix asphalt equipment yet, even though they submitted an exemption request for it in the spring. They have not burned any fuel oil or used any materials containing asbestos. Thompson Recycling normally does their crushing but this last time (about 2 weeks ago) Dale Klett did it.

EUHMA: Tom said that their highest RAP use is 40% Currently operations were: 3.1 pressure drop on the baghouse, 306°F mix temp, 183°F baghouse outlet temp., 202°F baghouse inlet temp, 297 tph with 31.7%RAP (about 94 tph), 200 tph dry aggregate and 5.3% AC. He said normal operation is around 275 tph and not over 300 but today he is pushing it a little higher because they are busy. PTI #263-98D limits them to 600 tph of HMA but the plant as a whole is rated at 500 tph.

Tom had records of CO monitoring for the last several years. This year it was done on 5/7/14 (at startup) where the values ranged from 55-61 and operation was 296 tph. The previous one was performed on 10/19/13. They have only operated the plant 377 hours so far this year so another one has not been required yet. The magnehelic on the baghouse is calibrated in the spring but the burner guy that comes in. He also had a log book with maintenance records. Tom said that the system is set to alarm and shutdown if the baghouse inlet temperature reaches 390 °F and that they have around 200 bags on site (the baghouse holds around 915). Black light inspections have been performed on 5/5/14 and 5/1/13.

Records were complete through September. They show that their max. CO emissions were 59 tpy on a 12 month rolling total (MRT) in both August and Sept. 2014, SO2 was 0.75 in April, and NOx was 6.12. The largest 12 MRT of HMA production was 154,589 tons in August. He had the required daily records.

EUYARD: They appeared to be in compliance with their fugitive emissions program and are reporting fugitives in MAERs. Tom said they now have their own brine truck and apply CaCl once a week. They water daily unless it rains. The required signs were posted. The yard looked pretty good.

EUACTanks & EUSilos: I observed some steam coming from the top of the silos but less than in the past. The ACTanks all have condensers and the lids were closed. The Silos were dripping water to the point of it being very wet underneath. Tom said this is because of improved insulation and the new capture for the gases – they sweat a lot now.

FGFacility: The max 12 MRT aggregate HAPs emissions was 0.99 tpy at the end of July 2014.

I left at 10:30. The facility appeared to be in compliance.

NAME Dorothy Bahn

DATE 10/27/14 SUPERVISOR MA 10/29/2014