

COMPLAINT RECORD

FACILITY: Henniges Automotive
Facility ID #56-01-008

FILE: Henniges Automotive -
AQ Facility File

DATE
PENDING ☒ COMPLETED

DATE COMPLAINT IS RECEIVED: 01/11/2011

COMPLAINT No. 1111 - 06

RECEIVED BY: STAFF INITIALS MH

FIELD OFFICE No. 6

OR CENTRAL OFFICE

COMPLAINANT:

NAME: Hawkeye Restaurant, Attn: Doug Matlick

PHONE: Cell #: 319-795-7549

ADDRESS: 105 N. Park Dr

COUNTY: Lee

CITY: Keokuk

ZIP CODE: 52632

COMPLAINT AGAINST:

NAME: Henniges Automotive

PHONE: 319-524-4560

Joe Lehrter - Env. Dept.
- ext 283

ADDRESS: 3200 Main Street

COUNTY: Lee

CITY: Keokuk

ZIP CODE: 52632

PROGRAM AREA:

☐ WASTEWATER ☐ WATER SUPPLY ☒ AIR QUALITY
☐ FLOODPLAIN ☐ LUST/UST ☐ STORMWATER
☐ SOLID WASTE

☐ ANIMAL OPERATION (OPEN LOT)
☐ ANIMAL OPERATION (CONFINEMENT)

STATEMENT OF COMPLAINT: Received the complaint via Mr. Matlick's Attorney, Mr. Jon Kultala. Mr. Kultala indicated that Mr. Matlick owns and operates the Hawkeye Restaurant under the corporation name Matlick Inc. The restaurant is located next to Henniges Automotive.

Approximately 1 year ago Mr. Matlick added an outdoor garden so people could sit outdoors. Per Mr. Kultala, since opening the outdoor garden Mr. Matlick noticed that the tables and floors are covered daily with particulate matter or black soot from Henniges.

Due to the particulate matter, people do not sit outside because it appears dirty. People that do go outside such as smokers drag the soot back into the restaurant.

Mr. Kultala's Contact Info:

Smith, Kultala, & Boddicker LLP, Attn: John Kultala, 511 Blondeau St., Keokuk, IA 52632
Phone: 319-524-3723

REFERRED TO: *Kult*

BY: *Dennis*

DATE: 1/12/11

IF COMPLAINT IS AFO RELATED:

COUNTY OFFICIAL CONTACTED:

DATE:

PHONE:

ACTION/RESOLUTION AND DATES:

2-16-11 Sat + observed Henniges from complainant's parking lot. Henniges' dust collectors were operating (could hear the pulses), one dust collector would periodically puff opacity.
→ met w/ Doug Matlick onsite. Considerable amount of black particulate on the outdoor patio.
2/23/11 met Joe Lehrter + got a sample of Carbon Black from him. Collected a sample from Hawkeyes outdoor patio. Send samples to lab on 2/25/11.



STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
ROGER L. LANDE, DIRECTOR

May 4, 2011

Joe Lehrter
Environmental Manager
Henniges Automotive
3200 Main Street
Keokuk, IA 52632

RE: Air Quality Complaint Investigation
Complaint No. 1/11-06
Facility No. 56-01-008

Dear Mr. Lehrter:

On January 11, 2011, this office received a phone call from a neighboring business to Henniges, regarding fine black particulate fallout impacting their property. On February 16 and 23, 2011, I began the investigation by observing and later collecting samples from the neighboring business and a known sample of carbon black from Henniges Automotive. Henniges Automotive receives and uses carbon black to produce automotive components. Both samples were submitted to the University of Iowa's State Hygienic Laboratory on February 25, 2011 for analysis. Light Microscopy was used to observe and compare the two samples. The sample results were received on April 22, 2011, and are attached.

During the investigation conducted by this office, dark colored visible emissions from air pollution control equipment (bagfilter type dust collectors located on the west side of Henniges) was observed on February 16 and 23, 2011. Without conducting Iowa Method 5 emission testing (for particulate matter), and since the stacks are not equipped with continuous emission monitoring systems (CEMS), it was impossible to quantify the amount of emissions that were observed discharging from the stacks those two days. However, it is hopeful that since mid to late February, steps have been taken that will decrease the amount of excess emissions at Henniges. You stated that steps have been taken to ensure the proper operation of the bagfilters that are associated with the carbon black system and more efficient periodic monitoring is being conducted by yourself. It is recommended that the maintenance staff at Henniges be retrained of the importance of proper operation and maintenance of equipment and control equipment associated with the carbon black system.

Periodic follow up visits will be performed by me and the results of my observations will be forwarded to you. If you have any questions or would like further explanation of any part of this letter, please contact me at 319-653-2135 or Kurt.Levetzow@dnr.iowa.gov

Sincerely,

FIELD SERVICES & COMPLIANCE BUREAU

Kurt Levetzow
Environmental Specialist Senior

klevetz\AQ\2011\Henniges AQ ltr 5-11.doc
Picture Filenames: Henniges 2-16 & 2-23 2011.jpg

encl: Sample Results

xc: Henniges AQ File (w/ enclosure)
AQB DNR (w/ enclosure)
Complainant (w/ enclosure)



STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
ROGER L. LANDE, DIRECTOR

MEMO

DATE: 2/25/11

TO: Complaint No. 1/11-06

FROM: Kurt Levetzow, FO6 **KL**

RE: Complaint investigation
Complaint No. 1/11-06

FACILITY: Henniges Automotive
3200 Main St.
Keokuk, IA 52632

FACILITY NO. 56-01-008

Complaint was filed on 1/11/11 regarding black particulate matter accumulating on property owned by Hawkeye Restaurant (herein Hawkeye), which is located adjacent to Henniges. Specifically, Doug Matlick, owner of Hawkeye is concerned with the black particulate covering tables and chairs in his outdoor patio that he built just a few years ago. Customers complain when the material gets on their clothes. According to Matlick, despite repeated cleaning by his staff, customers continue to complain that their clothes are getting stained when they sit in the outdoor patio.

On 2/16/11, I investigated this complaint. During the complaint investigation, I sat in Hawkeye's parking lot observing the NW corner of Henniges, where 5 dust collectors are stationed. The dust collectors service Henniges carbon black mixing area. I observed one of the five dust collectors emitting visible particulate in between cleaning pulses. I took digital photos of my observations, however due to the fairly light colored visible emission and the light sky in the background, the emissions couldn't be detected on the photos. On 2/17/11, Ryan Stouder of FO6 was in Keokuk, I asked him to stop by Hawkeye and observe the dust collectors at Henniges. He did and video taped the same dust collector emitting and in his footage the visible emissions can be seen. I met with Doug Matlick on the 16th, observed his patio and took photographs. Before leaving, I told him I would stop back to collect samples.

On 2/18/11, I called and spoke with Joe Lehrter, Henniges Environmental Coordinator, to notify him of the complaint investigation. Joe was not aware of any current or past maintenance issues with the dust collectors and stated that he would go take a look himself and have maintenance staff look into the dust collector in question. We also set up a time (2/23 mid morning) for me to stop back to Henniges to obtain a sample of their carbon black for comparison to the sample I would be collecting from Hawkeye.

On 2/23/11, I arrived in Keokuk at 1020 hrs, first stopped at Hawkeye to observe the dust collectors again. The stack Ryan and I had seen emitting emissions looked fine, however, one of the tallest silos with a small dust collector was sporadically emitting black puffs of particulate. The puffs were not coming from the emission point, but rather appeared to be coming directly off the top of the silo. One digital picture was taken of this observation. I met Joe at his office and he gave me a sample of their carbon black in a plastic bottle which was also enclosed in a zip lock baggie. Joe said he would have maintenance look into this situation as well. Next I visited Hawkeye, again met with Doug, and gathered samples from his outdoor patio area.

On 2/25/11, the samples were dropped off at the UHL on Oakdale Campus. I requested to have the known and suspected carbon black samples compared using light microscopy.

4/22/11, FO6 received sample results from UHL.

5/2/11, I called Joe Lehrter at Henniges. We discussed the results of the sample analysis. I told Joe I didn't feel as though the results indicate a "smoking gun", however, carbon black may be composed from the root material "fly ash". I asked Joe if or how they've improved their system since the onset of this investigation. He stated that he's increased the duration of his opacity observations (to see the entire cycle of a bagfilter's cleaning as opposed to just taking a quick glance). He said this has resulted in his seeing puffs that he wouldn't have otherwise noted those puffs and so on a couple of occasions, they investigated and found that bags had worked loose or popped off the tube sheet. He's also began paying closer attention to the magnahelic gauges for proper operation of the cleaning sequences. I encouraged Joe to impress upon the maintenance staff the importance of observing problems and dealing with them appropriately (such as noticing build up of black particulate on top of the storage silos, or black running down the silos, or near the bagfilters, or accumulation of black pretty much anywhere around the facility)....he said he would ensure the hourly laborers were aware of what to look for.

KRL:J:\FO6\SHARED\klevetz\AQ\2011\Henniges AQ Complt memo 2-11.doc
Picture Filenames: Henniges 2/16/11.jpg

xc: AQB DNR