

COMPLAINT RECORD

FACILITY ID# ~~12720~~ F06

FILE: Muscatine Co. AQ

DATE PENDING COMPLETED

DATE COMPLAINT IS RECEIVED: 7/13/11

COMPLAINT No. 7/11-03

RECEIVED BY: STAFF INITIALS KRL FIELD OFFICE No. 6 COMPLAINT # 13083 CENTRAL OFFICE

COMPLAINANT:

NAME: George Ruckles PHONE: 563-263-3510
ADDRESS: 1916 Wallace St. COUNTY: Muscatine
CITY: Muscatine ZIP CODE: 52761

COMPLAINT AGAINST:

NAME: mfw PHONE:
ADDRESS: COUNTY: Muscatine
CITY: Muscatine ZIP CODE: 52761

PROGRAM AREA:

- WASTEWATER WATER SUPPLY AIR QUALITY ANIMAL CONFINEMENT (CONFINEMENT)
FLOODPLAIN LUST/UST STORMWATER ANIMAL CONFINEMENT (OPEN LOT)
SOLID WASTE

STATEMENT OF COMPLAINT:

Black particulate matter fell out of sky onto their property around July 6-7-8 as by the 9th their back yard area showed heavy sign of fallout.

REFERRED TO: Kull

BY: Dennis DATE: 14 July 2011

IF COMPLAINT IS AFO RELATED:

COUNTY OFFICIAL CONTACTED: DATE: PHONE:

ACTION/RESOLUTION AND DATES:

7/13/11 called Mrs Ruckles, she said July 6/7/8 they experienced fallout during that time frame as by July 9th their property was covered w/ black fallout. Cliff w/ mfw checked into it July 13 + according to Mrs. Ruckles, some of the black P.M. stuck to a magnet. She also said someone from GPC investigated her property on 7/14/11. I'll go try to collect a sample. 7/14/11- investigated onsite collected sample + dropped @ SHL.



STATE OF IOWA

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

DEPARTMENT OF NATURAL RESOURCES
ROGER L. LANDE, DIRECTOR

MEMO

DATE: 7/22/11
TO: Muscatine County AQ File & Complaint No. 7/11-03 (FODB complt no. 13683)
FROM: Kurt Levetzow, FO6 *KL*
RE: Black particulate matter fallout complaint
FACILITY: Complaint filed against MP&W

On July 13, 2011, I investigated this particulate deposition complaint. The complainants thought the black material that slowly accumulated in their back yard over the course of 3-4 days was from MP&W's coal pile. The complainant lives NNW of MP&W and due west of GPC. During the complaint investigation I met with George and Francis Ruckles. Upon observing the material, I did not believe that particulate matter (PM) of that size (length and diameter) and apparent weight could blow that far in the wind (~1/2 mile). I walked the entire lot, carefully examining for the presence of PM and ONLY found black fall out under their ash and elm trees located in their back yard. I collected a sample of the PM and dropped it off at SHL and ran a Microscopy exam.

I received the results of the exam on 7/22/11. The results indicate the particulate is not consistent with combustion byproducts, but rather animal droppings and that insect parts were present inside the droppings.

I phoned Mrs. Francis Ruckles on 7/22/11 to discuss the results of the exam. She indicated that the foliage on her trees is being shredded by what she believes is Asian Beetles. She said one of her friends who lives across on the other side of Muscatine is having the same issues in her yard (tree's defoliated with black particles all over the ground).

This case is considered to be closed.

KRL:J:\FO6\SHARED\klevetz\ *AQ* \ 2011\Ruckles particulate complt memo 7-11.doc
Picture Filenames: Ruckles 7-13-11.jpg

Levezow, Kurt [DNR]

From: Cliff Scherrer [cscherr@mpw.org]
Sent: Wednesday, July 13, 2011 1:49 PM
To: Levezow, Kurt [DNR]
Subject: FYI

We received a verbal report from Mrs. Rickles who says she is getting pollution on her property - little black hard things that you can't crush. She is very concerned about her pond that has fish in it. She had GPC come over and it is not them.

Have you received other complaints? Is anything unusual being detected on the Garfield School PM monitor?

Here is her contact information:

Mrs. George Ruckles
1916 Wallace St,
Muscatine, IA 52761
263-3510

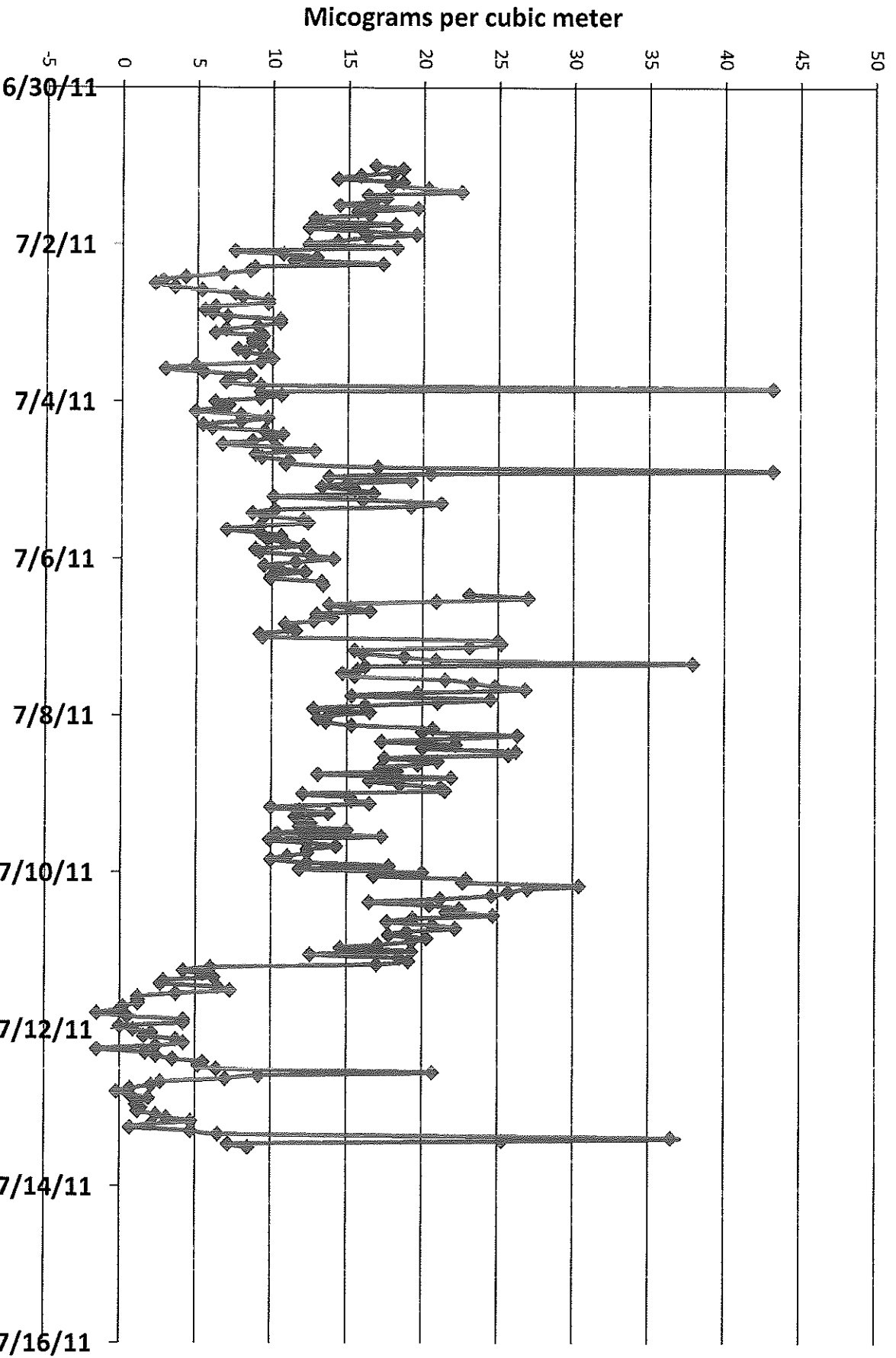
July 6th, 7th + 8th by July 9th

Cliff Scherrer, Sr.
Environmental Supervisor
Muscatine Power & Water
3205 Cedar Street
Muscatine, Iowa 52761-2204
Phone: 563-262-3583

*their property was covered w/
black fallout. mp+w looked into it
today + Cliff used a magnet + some of
it stuck.*

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PM2.5 at Garfield School in Muscatine





State Hygienic Laboratory

The University of Iowa

Date of report: 07-21-2011

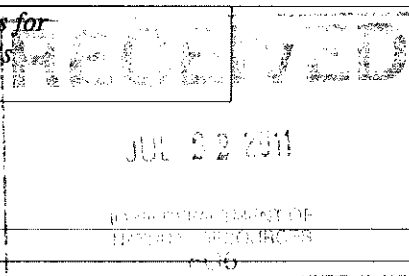
|||||
KURT LEVETZOW
IDNR-FO 6
1023 WEST MADISON STREET

WASHINGTON IA 52353-1623

Sample Number 2011026036
Date Received 07-14-2011
Project 04WQFS
Date Collected 07-14-2011 12:00
Collection Site black pm
Collection Town Muscatine
Description bulk, black particulate
Reference RUCKLES
Collector LEVETZOW KURT
Phone (319) 653-2135
Purchase Order

Comments

Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.



Results of Analyses

Analysis of Unknown by light microscopy

This sample was analyzed by light microscopy. The black particulate is consistent with animal droppings. Insect parts are present in the droppings. The particulate is not consistent with combustion byproducts.

Date Analyzed: 07-20-2011
Method: MICROSCOPY

Analyzed at: Iowa City

Analyst: MP
Verified: SM

Description of units used within this report

No Units - No Units

The results of this report relate only to the items analyzed. This report shall not be reproduced except in full without the written approval of the laboratory.

Iowa Environmental Laboratory IDs are: Ankeny #397, Iowa City #027, Lakeside #393.

If you have any questions please call Client Services at 800/421-IOWA (4692) or 319/335-4500. Thank you.



State Hygienic Laboratory

at The University of Iowa

CHAIN-OF-CUSTODY

www.uhl.iowa.edu

1-800-421-IOWA

Contact Name		Phone		Analysis Requested		Purchase Order #	
Kurt Levetzow		319 653 2135		Light Microscopy		WQFS	
Company		FAX		RECEIVED		Project Name and/or Number	
Iowa DNR		" " 2856		JUL 22 2011		Ruckles	
Address		State		IOWA DEPARTMENT OF		Collector's Phone #	
1023 W. Madison St		IA		NATURAL RESOURCES		319.653.2135	
City		Zip		IC		Print Collector's Name	
Washington		52353		2011026036 IC		Kurt Levetzow	
Sample ID/Description		Date		2011-07-14 15:30		Collector's Signature	
1. Black P.M.		7/14/11		2011026036 IC		Kurt Levetzow	
2. (P.M. = particulate)		12:00		Barcode		Comments/UHL Sample Number	
3.						Please compare sample to coal, flyash or related material. most collected from under elm + ash trees.	
4.						→ Mainly interested in blackboard P.M.	
5.							
6.							
7.							
8.							
Reinquished by		Date		Time		Comments	
Kurt Levetzow		7/14/11		1530			
Reinquished by		Date		Time		Comments	
Sample receiving custodian		Date		Time		Sample Receipt Comments	
Kurt Levetzow		7/14/11		1530		1 PC	

• Research Park - Coralville
Iowa City, Iowa 52242-500
Phone: 319-335-4500 Fax: 319-335-4555

• Iowa Laboratories Facility
2220 S. Ankeny Blvd., Ankeny, Iowa 50021
Phone: 515-725-1600 Fax: 515-725-1642

• Lakeside Lab
1838 Highway 86, Milford, Iowa 51351-7267
Phone: 712-337-3669, ext. 6 Fax: 712-337-0227

Yellow - Hygienic Lab copy
Blue - client copy