

# Air Pollution Control Division

OhioEPA

APC Contractual Representative  
Serving All of Stark County

## Canton City Health Department

420 Market Avenue North • Canton, Ohio • 44702-1544  
(330) 489-3385 • Fax: (330) 489-3335

**Robert E. Pattison, MPA**  
Health Commissioner

**Daniel J. Aleman**  
APCD Administrator

CERTIFIED MAIL

May 15, 2007

Mr. Brad McKinney  
1452 Edwards Ave NE  
Canton, OH 44705-1958

**Re: INFORMATION RELATING TO OPEN BURNING WITHIN CITY LIMITS**

Dear Mr. McKinney:

The Canton City Health Department, Air Pollution Control Division has a contract with Ohio EPA to cover air pollution issues in Stark County. The Ohio EPA has regulations concerning open burning.

This office is in receipt of a report indicating that the Canton Fire Department was called to your illegal fire of burning insulation off of wire on the morning of May 12, 2007.

The city has ordinances against open burning for waste disposal. In addition to environmental regulations, please be aware that combustion of plastics can lead to the release of toxic compounds. The following is from "Emissions of Organic Air Toxics from Open Burning" USEPA Report EPA-600/R-02-076 October 2002:

"Copper wire is frequently coated with a plastic insulation material. It is a common practice in many parts of the world to use open burning to remove the insulation so that the underlying copper wire can be reclaimed for value. Current understanding of the formation mechanisms of PCDDs/Fs proposes copper-based catalysts as an important contributor to PCDD/F emissions. The presence of significant quantities of copper and, possibly, chlorine coupled with the oxygen-limited combustion conditions found in open burning suggest that copper wire reclamation activities might be a significant source of PCDDs/Fs. Ambient sampling for PAHs was performed in the vicinity of areas where scrap metal was recovered by open burning and found elevated levels of PAHs near the operation (Tsai et al., 1995a; Tsai et al., 1995b). Another study was performed to examine the mutagenicity of airborne particulates near an operation where copper wire was reclaimed by open burning (Lee et al., 1994). Another article presented PCDD/F results from surface and ash sampling at a metal recovery facility

Mr. Brad McKinney

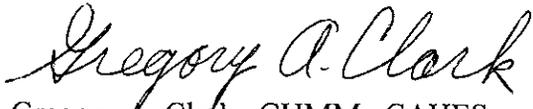
May 15, 2007

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where open burning was used (Harnly et al., 1995) that showed parts per million levels of PCDDs/Fs in ash samples. However, none of these studies presented data that could be converted into emission factors for comparison to other sources. Although this practice is uncommon in the U.S., it is still widely practiced in developing countries. This source could be a potentially important data gap in the preparation of dioxin inventory documents.”

PCDDs/Fs are polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans, chemicals known to be toxic. You could be endangering yourself and others by burning insulation off of wire. By copy of this letter to the property owners of record, they are reminded that property owners are responsible for regulatory compliance on the part of their tenants.

Sincerely,

  
Gregory A. Clark, CHMM, CAHES

Air Pollution Control Engineer

Enclosures: 1. Canton Ordinances 15 13. 01, .02, .03

cc: Addressee, USPS First Class Mail

Harold W. and Clara M. Samples, 1452 Edwards Ave NE, Canton OH 44705-1958 (Certified)

Harold W. and Clara M. Samples, 1452 Edwards Ave NE, Canton OH 44705-1958 (1<sup>st</sup> Class)

Chief Steven J. Rich, Canton Fire Department, 110 Seventh St. SW, Canton OH 44702

7095 0100 0006 6608 2169

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
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Return Receipt for Merchandise Fee	2.15
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Total Postage & Fees	\$ 5.21



Sent To  
**MR. BRAD MCKINNEY**  
Address No. **1452 EDWARDS AVE NE**  
City/State/Zip **CANTON OH 44705**

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
  
**MR. BRAD MCKINNEY**  
**1452 EDWARDS AVE NE**  
**CANTON OH 44705**

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
**X** *[Signature]*  Addressee

B. Received by (Printed Name)  Agent  
*[Signature]*  Addressee

C. Date of Delivery **5.16.07**

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

2. Article Number  
(Transfer from service label)  
PS Form 3811, August 2001

7006 0100 0006 6608 2169

Domestic Return Receipt

102595-02-M-1541

**Codified Ordinances**

Use your browser File Print to print the ordinance to the printer

**1513.01 DEFINITION AND EXEMPTION.**

(a) Definition. "Recreational fire" is defined for the purpose of this chapter as an outdoor open fire utilized to cook food for human consumption.

(b) Exemption. A small fire contained in a non-commercial clean burning enclosed cooking apparatus, commonly known as a grill, which is fueled by charcoal, propane or natural gas or similar material is exempt from the application requirement prescribed in Section 1513.02.

(Ord. 207-2001. Passed 9-24-01.)

**1513.02 APPLICATION, LOCATION, MATERIAL, SIZE AND DURATION.**

(a) Application. Application for approval of recreational fires shall be verbally submitted to the Fire Prevention Bureau at least forty-eight (48) hours before the fire is set. If a recreational fire is planned for a weekend or holiday, notification shall be given by 4:00 p.m. Friday or by 4:00 p.m. on the last business day before the holiday. The following information shall be provided at the time the approval is requested:

- (1) The purpose of the fire;
- (2) The nature and quantities of the material to be burned;
- (3) The date, time and duration of the fire;
- (4) The location; and
- (5) The fire-extinguishing equipment to be provided.

(b) Location. The location of the fire shall not be less than fifty (50) feet from any structure.

(c) Material. The material shall be of the minimum size for the intended purpose, consist only of seasoned dry firewood and be ignited with a small quantity of paper. The fuel shall be chosen to minimize the generation and emission of air contaminants.

(d) Size and Duration. A recreational fire shall not be more than 2 ft. x 2 ft. in dimension and shall not be permitted to burn longer than three (3) hours, unless approved by the Fire Prevention Bureau. All recreational fires shall be extinguished by 11:00 p.m.

(e) Attendance. A recreational fire shall be constantly attended until the fire is completely extinguished. Approved extinguishing equipment shall be available for immediate utilization at all times.

(Ord. 207-2001. Passed 9-24-01.)

**Ordinances**

**1513.03 PROHIBITED OPEN BURNING.**

(a) No person or property owner shall cause or allow open burning except as provided in Section 1513.02.

(b) If a recreational fire creates or adds to a hazardous or objectionable situation, the Fire Department shall order the property owner or person having control to extinguish the fire. If the property owner or person having control refuses, the Fire Department will extinguish the fire.

(c) If the fire is not a recreational fire which has been approved by the Fire Prevention Bureau, or any other form of open burning for which a permit has been issued by the Air Pollution Control Division of the Canton Health Department, it shall be extinguished and reported to the Air Pollution Control Division of the Canton Health Department.

(Ord. 207-2001. Passed 9-24-01.)

JANET WEIR CREIGHTON  
Mayor

BERNARD L. HUNT  
Safety Director



1937 Ahrens-Fox

**CITY OF CANTON**  
DIVISION OF FIRE

**STEPHEN J. RICH, Chief**

110 SEVENTH STREET S.W. CANTON, OHIO 44702  
PHONE (330) 489-3411 • FAX (330) 489-3147  
[www.ci.canton.oh.us/safety/service/fire/](http://www.ci.canton.oh.us/safety/service/fire/)

**FIRE REPORT**

May 14, 2007

To Whom It May Concern:

On Saturday, May 12, 2007 at 0832 hrs., Engine 7 sent to **1452 Edwards Ave NE** for illegal burning. Found resident Brad McKinney burning insulation off wiring. All ok 0841 hrs.

The above information was obtained from the Official Log Book on page 302 from the Chief's Office.

Respectfully,

Stephen J. Rich  
Chief  
DIVISION OF FIRE

SJR:cap