

ANCHORAGE, ALASKA

AO NO. 2003-76

AN ORDINANCE AMENDING ANCHORAGE MUNICIPAL CODE 26.80.050A. TO ADD A
NEW SUBSECTION FOR RECYCLING NON-RESIDENTIAL ELECTRONIC WASTE AT THE
ANCHORAGE REGIONAL LANDFILL AND SETTING FEES FOR ELECTRONIC WASTE
RECYCLING

THE ANCHORAGE ASSEMBLY ORDAINS:

Section 1. Anchorage Municipal Code subsection 26.80.050A.8. is hereby amended to read as follows:

26.80.050 Charges.

A. Fee schedule for secured loads. The following solid waste disposal user charges shall apply to secured loads:

* * *

8. Disposal of waste motor oil and hazardous waste, and recycling non-residential electronics waste, shall be subject to the following:

* *

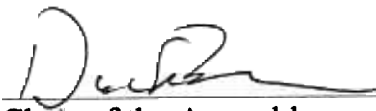
g. Non-residential generators of electronics waste may recycle computer monitors, or Cathode Ray Tubes (CRTs), other circuit board-containing components, and cables at the hazardous waste facility located at the Anchorage Regional Landfill, according to the following:

- | | | |
|------|---|------------------|
| i. | <u>CRTs less than or equal to 19 inches</u> | <u>\$30.00</u> |
| ii. | <u>CRTs greater than 19 inches</u> | <u>\$35.00</u> |
| iii. | <u>Other components</u> | <u>\$.50/lb</u> |
| iv. | <u>Cables</u> | <u>No charge</u> |

(The remainder of this subsection is not affected by this ordinance and is therefore not set out.)

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2 **Section 2.** This ordinance shall be effective immediately upon its passage and approval by the
3 Assembly.

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5 PASSED AND APPROVED by the Anchorage Assembly this 13th day of May,
6 2003.

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11 Chair of the Assembly

12 ATTEST:

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14 
15 Municipal Clerk
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MUNICIPALITY OF ANCHORAGE
Summary of Economic Effects -- Utilities

AO Number: 2003- 76:

Title: Addition of electronics recycling program to existing hazardous waste collection program.

Sponsor: MOA-SWS
 Preparing Agency: MOA-SWS
 Others Impacted: NA

CHANGES IN REVENUES AND EXPENSES:		(In Thousands of Dollars)				
	<u>FY03</u>	FY04	<u>FY05</u>	FY06	FY07	
Operating Revenues:						
	\$ 88	\$ 97	\$ 106	\$ 117	\$	
TOTAL OPERATING REVENUES	\$ 88	\$ 97	\$ 106	\$ 117	\$ 129	
Operating Expenses:						
	\$ 113	\$ 124	\$ 137	\$ 150	\$	
TOTAL OPERATING EXPENSES	\$ 113	\$ 124	\$ 137	\$ 150	\$ 165	
Non-Operating Revenues:						
	\$ 9	\$ 10	\$ 11	\$ 12	\$ 13	
TOTAL NON-OPERATING REVENUES	\$ 9	\$ 10	\$ 11	\$ 12	\$ 13	
Non-Operating Expenses:						
TOTAL NON-OPERATING EXPENSES	\$ -	\$ -	\$ -	\$ -	\$ -	
NET INCOME (REGULATED)						
POSITIONS: FT/PT and Temp	NA	NA	NA	NA	NA	

PUBLIC SECTOR ECONOMIC EFFECTS:

All public sector departments and agencies that surplus computers and electronics are required to adhere to hazardous waste regulations regarding the final disposition of the materials. Disposal of electronics is prohibited unless the disposing entity has strictly adhered to the requirements of the federal regulation. Recycling through this program, although under a fee system, provides a convenient and relatively inexpensive option that was not currently available locally. Additionally, as these materials are hazardous, they are kept from accumulating in the municipal landfill and thus the potential environmental effects are removed, not only from the landfill but from the municipal wastewater treatment system.

Assuming a deptmt or agency with 100 people, replaces 20% of their computer systems annually, the total cost under this program would be approximately \$800 per year.

PRIVATE SECTOR ECONOMIC EFFECTS:

All private companies that replace and upgrade their computers and electronics are required to adhere to hazardous waste regulations regarding the final disposition of the materials. Disposal of electronics is prohibited unless the disposing entity has strictly adhered to the requirements of the federal regulation. Recycling through this program, although under a fee system, provides a convenient and relatively inexpensive option that was not currently available locally. Additionally, as these materials are hazardous, they are kept from accumulating in the municipal landfill and thus the potential environmental effects are removed, not only from the landfill but from the municipal wastewater treatment system.

Assuming an office of 100 people, replaces 20% of their computer systems annually, the total cost under this program would be approximately \$800 per year.

As a comparison, to recycle a computer monitor cost \$30 under this program. A business shipping a monitor to a recycler would pay approximately \$10 in recycling fees and \$40 for shipping or \$50 total to handle the materials.

Prepared by: _____

Telephone: _____

Validated by OMB: _____

Date: _____

Approved by: _____

Date: _____

(Director, Preparing Agency)

Concurred by: _____

(Director, Impacted Agency)

Approved by: _____

Date: _____

(Municipal Manager)

MUNICIPALITY OF ANCHORAGE

ASSEMBLY MEMORANDUM

No. AM 376 -2003

Meeting Date: April 22, 2003

1 From: Mayor

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3 Subject: Amendment to AMC 26.80.050A.8. to add Recycling of Electronics Waste into the
4 existing hazardous waste collection program.
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8 The solid waste industry estimates that in the next year approximately 40 million computers will
9 become obsolete. A computer can contain between 3 and 7 pounds of lead, most of which is in the
10 monitor, or Cathode Ray Tube (CRT). The CRT can contain upwards of 5 pounds of lead in the glass
11 and circuitry. Other components often contain lead in the solder, used for the circuit boards, along with
12 other heavy metals. These items, when placed into a landfill environment where they will likely be
13 crushed, may promote the release of lead and other metals into landfill fluids, which ultimately are
14 collected and sent to the local treatment plant.
15

16 Businesses are regulated by federal hazardous waste regulations. Often, businesses that do not deal with
17 traditional hazardous waste streams are unaware of common items, such as electronics, that contain
18 hazardous materials and are considered hazardous waste upon disposal. Quite likely, businesses are
19 disposing of these materials without full compliance with regulations governing Conditionally Exempt
20 Small Quantity Generators (CESQG).
21

22 In response to the need for alternatives to landfill disposal, the Solid Waste Services Department
23 proposes amending AMC 26.80.050A.8. for inclusion of electronics waste recycling services as part of
24 the existing hazardous waste collection program. This program will be available for businesses at the
25 Anchorage Regional Landfill Hazardous Waste Collection Center. Residential electronic waste is
26 exempt under this program, so it is not included in the amendment.
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28 SWS plans to commence this service following the Annual Spring Clean-up Week and a SWS
29 sponsored electronics recycling event scheduled for May 9th and 10th.
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2 THE ADMINISTRATION RECOMMENDS THAT THE ASSEMBLY APPROVE THE ATTACHED
3 RESOLUTION TO AMEND AMC 26.80.050A.8. TO INCLUDE RECYCLING OF ELECTRONICS
4 WASTE INTO THE EXISTING HAZARDOUS WASTE COLLECTION PROGRAM.
5

6 **Prepared by: Robert L. Hall, Director, Solid Waste Services**

7 **Concur: Mark C. Premo, General Manager, Anchorage Water and Wastewater Utility**

8 **Concur: Harry J. Kieling Jr., Municipal Manager**

9 **Respectfully submitted: George P. Wuerch, Mayor**
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Ad 2003-76

Content Information

Content ID : 000759

AN ORDINANCE AMENDING ANCHORAGE MUNICIPAL CODE
26.80.050A. TO ADD A NEW SUBSECTION FOR RECYCLING NON-

Title: RESIDENTIAL ELECTRONIC WASTE AT THE ANCHORAGE REGIONAL
LANDFILL AND SETTING FEES FOR ELECTRONIC WASTE
RECYCLING

Author: kilsonpa

Initiating
Dept: SWS

Review
Depts: AWWU, OMB, Legal, MuniManager

Description: An AO amending code to add Electronics Recycling to existing Haz Waste Program.

Keywords: electronics, recycling

Date
Prepared: 4/9/03 4:10 PM

Director
Name: Robert L. Hall

Assembly Meeting Date MM/DD/YY:

4/22/03 12:00 AM

Web Location: [HTTP://huffepuff/stellent/groups/public/documents/ordinance/000759.zip](http://huffepuff/stellent/groups/public/documents/ordinance/000759.zip)

Workflow History

<u>Workflow Name</u>	<u>Action Date</u>	<u>Action</u>	<u>User</u>	<u>Security Group</u>	<u>Content ID</u>	<u>Revision</u>
AllOrdinanceWorkflow	4/9/03 4:41 PM	Checkin	kilsonpa	Public	000759	0
SWS_SubWorkflow	4/9/03 4:49 PM	Approve	hallrl	Public	000759	0
AWWU_SubWorkflow	4/10/03 7:36 AM	Approve	premomc	Public	000759	0
AllOrdinanceWorkflow	4/10/03 3:23 PM	Reject	leblancdc	Public	000759	0
AllOrdinanceWorkflow	4/10/03 4:38 PM	Checkin	kilsonpa	Public	000759	0
AllOrdinanceWorkflow	4/10/03 4:44 PM	Checkin	kilsonpa	Public	000759	0
SWS_SubWorkflow	4/10/03 4:46 PM	Approve	hallrl	Public	000759	0
AWWU_SubWorkflow	4/11/03 9:52 AM	Approve	premomc	Public	000759	0
AllOrdinanceWorkflow	4/11/03 11:20 AM	Reject	leblancdc	Public	000759	0
AllOrdinanceWorkflow	4/11/03 1:09 PM	Checkin	kilsonpa	Public	000759	0
SWS_SubWorkflow	4/11/03 2:37 PM	Approve	hallrl	Public	000759	0

AWWU_SubWorkflow	4/11/03 2:40 PM	Approve	premomc	Public	000759	0
OMB_SubWorkflow	4/14/03 1:09 PM	Approve	leblancdc	Public	000759	0
Legal_SubWorkflow	4/14/03 4:55 PM	Approve	wheelerda	Public	000759	0
MuniManager_SubWorkflow	4/15/03 6:18 PM	Approve	kielinghj	Public	000759	0
MuniMgrCoord_SubWorkflow	4/16/03 8:27 AM	Approve	bealejl	Public	000759	0

INTRODUCTION

2003 APR 16 PM 2:44
M.O.A