



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
RESOURCE MANAGEMENT DIVISION

ELECTRONIC DEVICE MANUFACTURER
REGISTRATION FORM

Registration is required under authority of Section 17303 of Part 173, Electronics, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

FOR ADDITIONAL INFORMATION, CONTACT THE
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY,
RESOURCE MANAGEMENT DIVISION,
SOLID WASTE AND LAND APPLICATION SECTION, AT 517-241-2924

YEAR 2012-13 FOR DEQ USE ONLY	
EDM2010-039	
Date Received by DEQ:	10/18/2012
Received by:	MLC
Fee: \$3,000.00	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

ELECTRONIC DEVICE MANUFACTURER	
1. Company Name (True Name and All Assumed Names): Orion America, Inc., Orion Sales, Inc.	2. Area Code and Telephone Number: 812-386-3000
3. Manufacturer of:	
Video Display Devices	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Computers	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Printers	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
4. Mailing Address:	
Address: P.O. Box 1129	City: Princeton
State: IN	ZIP: 47670
Country: USA	County (if in Michigan):
5. Home Web Site Address: Orionsalesinc.com, sansuiproducts.com	6a. Contact name: Akihisa Oki
	6b. Contact e-mail address: oki@evansville.net
	6c. Contact telephone number: 812-386-3000 ext 104

BRAND NAMES OF COVERED ELECTRONIC DEVICE(S) AND TYPE OF DEVICE (video display or computer) SOLD BY THE MANUFACTURER	
7. Please list the brand names of covered devices your company manufacturers. (Attach an additional page if necessary.)	
(a) Sansui	(e)
(b) Orion	(f)
(c)	(g)
(d)	(h)

For Cashiers Use Only
EDM 577079-2-1 10/18/12
33000 45805 9124
AY 2013 \$3,000

TAKEBACK PROGRAM CONSUMER CONTACTS

8a. What Web site address do you provide to consumers for information on your takeback program? www.orionamerica.com,
www.sansuiproducts.com,

8b. If provided, what telephone number do you provide to consumers for information on your takeback program? 1-800-289-0980

TAKEBACK PROGRAM INFORMATION

9. Please describe your takeback program.

Orion contracts with Materials Processing Company (MPC) to manage its recycling program in Michigan. Product is collected from various sites, (list attached) and de-manufactured at MPC's Mendota Heights, MN facility.

9a. Are appropriate devices covered with your takeback program? Check appropriate box:

If you are a manufacturer of computers do you accept all brands?

Yes

No

N/A

If you are a manufacturer of video display devices do you accept all brands?

Yes

No

N/A

9b. Is your takeback program free to consumers?

Yes

No

9c. Is your takeback program reasonably convenient and available to and otherwise designed to meet the needs of consumers in this state?

Yes

No

9d. What is the number of devices a consumer may deliver to your program each day? Unlimited # _____

9e. What method is used for takeback program? (check all that apply)

Mailback

Permanent collection site

Collection events

Retailer

10. What information do you provide to consumers on how and where to return covered electronic devices that are labeled with your name or brand label?

Contact information is noted in consumer manuals and the company's website.

11. How do you provide information to consumers on how and where to return covered electronic devices?

Contact information is provided in the consumer manuals and listed on the company's website and Orion's customer service can provide assistance.

[Empty rectangular box for reporting details]

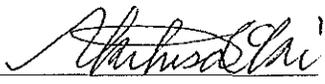
TAKEBACK PROGRAM REPORT (include this information beginning with the first registration submitted after the implementation of the takeback program)

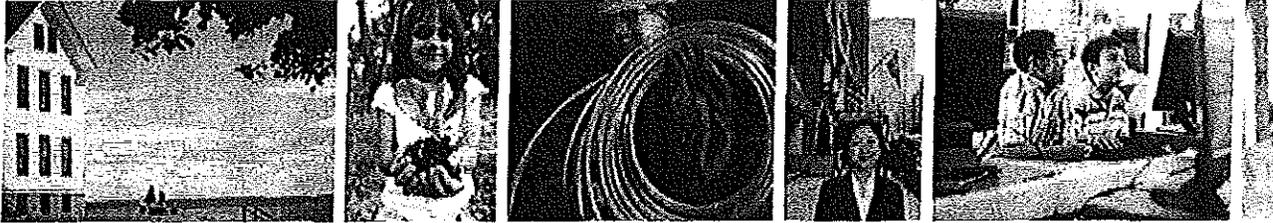
12. The total weight of the covered electronic devices received by the takeback program from consumers during the prior year:
74.886 Tons

13. The processes and methods used to recycle or reuse the covered electronic devices received from consumers:
Please see the attached process summary published by MPC.

I, the undersigned registrant, swear and affirm, **UNDER PENALTY OF LAW**, that the statements contained herein are true and correct. I certify under penalty of law that the information contained on this form, to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

PRINT NAME: Akihisa Oki DATE: 10/10/12

SIGNATURE:  TITLE: Secretary/Treasurer



Home	Component Remarketing	Electronic Recycling	Take Back Programs
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Electronic & Telecommunication Equipment Recycling

MPC's raw materials for this division consist of electronic or telecommunication equipment. When entire pieces of equipment are torn down by MPC, almost everything within the equipment is recycled.

- The steel frame and cabinet covers are recycled by a local steel remelting plant that produces concrete reinforcing rods used in the construction industry.
- The pieces of aluminum within the equipment are recycled by a smelter that melts the aluminum into large 2,000 pound blocks of solid aluminum that are then sent to various aluminum manufacturers.
- The copper wire and cables within the equipment are recycled by wire chopping facilities. These companies chop the wire into small pieces so that the plastic insulation can be removed and the clean copper can be recovered separately. The copper is then sent to other companies for their use or the wire is sent directly to a copper smelter.
- Parts such as motors, transformers, and power supplies, which are within the equipment, are sold to companies that recover ferrous and non-ferrous metals.

In addition, there are two categories of equipment that must receive specific treatment due to their **lead** content.

1. CRTs (cathode ray tubes referred to as monitors, TVs, screens, terminals, or tubes) utilize leaded glass as radiation protection and to enhance picture quality. The two types of CRTs, monochrome and color, contain different toxic lead leaching ratings which either allow them or forbid them to be landfilled. A few monochrome CRTs pass the toxic leaching test; color CRTs fail the test. MPC treats all CRTs as recyclable, either bench testing newer color monitors for possible remarketing in our retail surplus electronics store or recycling the CRT for product recovery. CRTs are never landfilled.
2. Printed circuit boards, backpanels/motherboards, connectors, and IC chips are processed to recover the precious metals and copper. Many types contain at least trace amounts of lead and other heavy metals which must be processed and refined, not landfilled.

2300 Pilot Knob Road, Mendota Heights, MN 55120
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