



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
WASTE AND HAZARDOUS MATERIALS 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, WASTE AND HAZARDOUS MATERIALS DIVISION, STORAGE TANK AND SOLID WASTE SECTION, AT 517-241-2924

YEAR 2009 FOR MDEQ USE ONLY

EDM2010-049

Date Received by MDEQ: 11/16/09

Received by: CMM

Fee: \$3,000

Yes No

ELECTRONIC DEVICE MANUFACTURER	
1. Company Name (True Name and All Assumed Names): Sun Microsystem Inc. (Sun)	2. Area Code and Telephone Number: 1-800-786-0404
3. Manufacturer of:	
Video Display Devices	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Computers	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Printers	Yes <input type="checkbox"/> No <input type="checkbox"/>
4. Mailing Address:	
Address: 500 Eldorado Blvd. UBRM01-266	City: Broomfield
State: CO	ZIP: 80021
Country: USA	County (if in Michigan):
5. Home Web Site Address: http://www.sun.com	6a. Contact name: Diane Niemiec
	6b. Contact e-mail address: Diane.Niemiec@Sun.com
	6c. Contact telephone number: 303-223-6162

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) Sun	(e)
(b) Sun Microsystems	(f)
(c)	(g)
(d)	(h)

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TAKEBACK PROGRAM CONSUMER CONTACTS

8a. What Web site address do you provide to consumers for information on your takeback program?
<http://www.sun.com/aboutsun/environment/returns.jsp>

8b. If provided, what telephone number do you provide to consumers for information on your takeback program? We offer a general 1-800 number, 1-800-786-0404 where the operator will document the callers information and pass their inquiry on to a Sun service representative.

TAKEBACK PROGRAM INFORMATION

9. Please describe your takeback program.
Please see attached document

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?
Although we do not typically sell our products to consumers, they would find our take-back program information on our website:
<http://www.sun.com/aboutsun/environment/returns.jsp>

11. How do you provide information to consumers on how and where to return covered electronic devices?
Although we do not typically sell our products to consumers, they would find our take-back program information on our website:
<http://www.sun.com/aboutsun/environment/returns.jsp>

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:

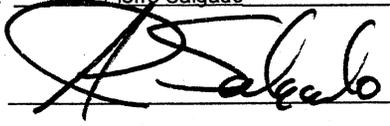
Tons

13. The processes and methods used to recycle or reuse the covered electronic devices received from consumers:

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: Jean-Pierre Salgado

DATE: 22 SEPT. 2009

SIGNATURE: 

TITLE: Corporate EHS Manager

N/C

October 15, 2009



Matt Flechter
Michigan Department of Environmental Quality
P.O. Box 30657
Lansing, MI 48909-8157

RE: Sun Microsystems, Inc. Electronic Product Take-Back Program

Dear Mr. Flechter,

Enclosed please find a copy of Sun Microsystems, Inc. (Sun) Electronic Product Take-Back Program and registration form. Our registration fee will be coming in the mail shortly if you have not already received it.

Sun's business is primarily focused on providing network computing products and services to the commercial market, this includes computer systems from thin clients to data center-class servers and storage systems, software, support and professional services for commercial enterprises. These systems are typically large and the product installations are usually intermixed with systems from other OEM suppliers (Dell, IBM, HP, EMC), so customers who choose to retire systems are best served by a variety of product take back solutions.

If you have any questions concerning this submission, please contact me directly at 303-223-6162 or via e-mail at Diane.Niemiec@Sun.com. Thank you so much for your assistance.

Kind Regards,

A handwritten signature in cursive script that reads "Diane Niemiec".

Diane Niemiec
EHS, Environmental Program Manager
Sun Microsystems, Inc.
500 Eldorado Blvd. UBRM01-266
Broomfield, CO 80021

Waste & Hazardous
Materials Division

OCT 19 2009

Sun's Electronic Product Take-Back Program in the US

Sun Microsystems, Inc. (Sun) business is primarily focused on providing network computing products and services to the commercial market, this includes computer systems from thin clients to data center-class servers and storage systems, software, support and professional services for commercial enterprises. These systems are typically large and the product installations are usually intermixed with systems from other OEM suppliers (Dell, IBM, HP, EMC), so customers who choose to retire systems are best served by a variety of product take back solutions.

Product Stewardship - Taking Responsibility for Products at the End of Life

Electronic components and equipment naturally reach an end of life. Sun firmly supports its responsibility to design and plan for this phase in our products' life cycles. Sun has implemented a product returns program that recycles, reclaims, and reuses components or entire systems in an environmentally compliant manner. This Service will be provided at no charge to customers who deliver Sun-branded product to any of our authorized recycling locations in the US. Once at the recycler we sort for reuse opportunities at the system or component level, if not the product is recycled.

Customers can simply log onto Sun's Global Products Return website at:

<http://www.sun.com/aboutsun/environment/returns.jsp> to select by location what type of return they need. Since these forms are available through our website, the program is accessible to any one worldwide. The following describes the types of returns available to customers.

e-Waste Returns: Sun will assist you with collecting and recycling of your product in an environmentally responsible manner. Upon completing the form, a Sun representative will provide the consumer with information as to how to return the equipment.

This is the option that will apply to consumers in the US wishing to return Sun branded monitors, workstations, keyboards and mice at Sun's expense.

Install Base Business Returns: For customers ready to return used Sun and other suppliers' systems to us as part of the Sun Upgrade Advantage Program. Sun will cover freight and recycling cost of the returned equipment from the customer to the recycler.

Customer Return for Credit: Depending on the commercial situation for the product, Sun may issue a credit, replacement product or facilitate return.

The customer is directed to select and complete the appropriate form based on these descriptions to start the process. A Sun representative will respond to the request within two business days to assist the customer in arranging for the collection and transportation of the returned products using a contracted carrier.

What will happen to electronic waste returned to Sun?

Reuse/ Remanufacture	Products and parts are reused, either in their present condition, or with some refurbishment.
Recycling	Products and parts that are beyond repair and have no commercial value are broken down; metals and plastics are recovered for recycling. Many

recyclable materials have a commercial value, so recycling is often cost effective as well as ecologically responsible.

Recycling Process

Used Sun equipment is either collected by Sun or sent direct to third-party recycling solution companies that receive and process material to Sun's requirements and in compliance with local law. Sun performs periodic walk through audits of these contracted recycler to ensure on-going compliance.

Product that is received at Sun's contracted recyclers go through the following steps;

Step 1: Products are checked against a "save list" to determine if there are Sun internal requirements as either whole systems or for spare parts. Products deemed as "save" are sent to Sun's Remanufacturing facility for later resale.

Step 2: Products that cannot be used in remanufacturing are disassembled and industry standard components with commercial value are removed and resold.

Step 3: Once products are disassembled and useful components and materials removed for reuse and/or resale, hazardous materials are removed for special processing and remaining materials are processed through a "grind" process which separates out into bins for plastics, printed circuit boards and assemblies and different metals. Bins are forwarded to smelters for transformation back into raw metals for later reuse. Less than 1 percent of any Sun material ends up in landfill.

Sun's strategy is to recycle products within the market that returns them to reduce transportation miles and negative carbon impact (rather than shipping e-waste to 3rd world countries). Smelting may occur within the country of return or in the country of raw material consumption.

Communicating the Take-Back Program

As Sun markets its products our communications regarding our take-back processes and programs will be available through our website:

<http://www.sun.com/aboutsun/environment/returns-intro.jsp>. Additional detail around Sun's environmental performance is published annually in our Corporate Social Responsibility report also found on our website at: <http://www.sun.com/aboutsun/csr/index.jsp>