

**Toshiba Information Equipment (Philippines), Inc. Site Report Information**

Address: 103 East Main Ave. Ext, SEPZ, LTI, Binan, Laguna

Lot area: 60,036 m<sup>2</sup>, Building area: 68,560 m<sup>2</sup>, Green ratio: 19% as of 11A

Establishment: July 7, 1995, Employees: 7,633 (as of March 2011)

Major products: 2.5" & 1.8" Hard Disk Drives, Solid State Drives, e-PCB, e-SSD

ISO 14001 certified: March, 1998, Latest update: April 2011  
(ISO Certificate number: 01 104 8131)



**Message from Environmental Preservation Chief**

As part of Toshiba Group, Toshiba Information Equipment (Phils.), Inc. (TIP) adheres to corporate commitment and continuously maintains our Corporate Social Responsibility (CSR) activities in partnership with our stakeholders.

We recognize the importance of our employees, their families, and students especially in public schools and we share our environmental activity for sustainable future. Even little changes of improvement initiated by each member of the organization and stakeholders can contribute tremendously to our success.

One of the focus of TIP's CSR initiatives is the continuous education to the community. We introduced the concept Mottainai\* to share the spirit of valuing the resources which in turn may lead to environmental protection and benefit. Our CSR is likewise shared to our employee's families and some activities include education during family day.

Yoshiyuki Yano TIP President

We also continue to promote climate change mitigation measures and global warming prevention through energy saving programs and awareness. Efficient utilization of water, waste management, and chemical reduction are some of the focal points in our activity. We also initiate programs on biodiversity to help improve the life cycle and environmental sustenance around us. We strongly believe that we need to take care of the flora and fauna and make sure that we don't harm or destroy them with our existing operation. We commit to maintain notable CSR projects and make it a core of every activity. Thus, we set mid term and long term plans for our community projects and make sure to implement and monitor the results.

I would like to encourage our stakeholders to continuously support our CSR and to make it part of their system for the betterment of our society.



TIP Environmental Preservation Chief  
Mr. Yoshiyuki Yano

**Major environmental activities in 2010**

- Achieved A-A Rating (highest rating among Toshiba Corporation) during EASTER audit in November 2010
- Achieved Silver Rating Award from Laguna Lake Development Authority (highest rating from LLDA)
- Achieved Department of Energy's (DOE) Secretary Award for Energy Efficiency
- Given with the Seal of Approval Award- Philippine Environmental Partnership Program by the Department of Environment and Natural Resources (DENR)
- Achieved Outstanding Pollution Control Officer Award from the Laguna Lake Development Authority (LLDA)
- Awarded for the Success Story Award for Energy Projects by the Pollution Control Officer Association of the Philippines (PCAPI)
- Recognized with Philippine Economic Zone Authority (PEZA) Community Award
- Completion of CSR projects such as Education and awareness to employees, students and community members, water bodies rehabilitation (watershed and river), planted 30,000 trees in support to 1.5 Million Tree-Planting Project of Toshiba Group
- Launched TIP Biodiversity Management Program

**Development of products and environmental technologies, Environmental consideration point**

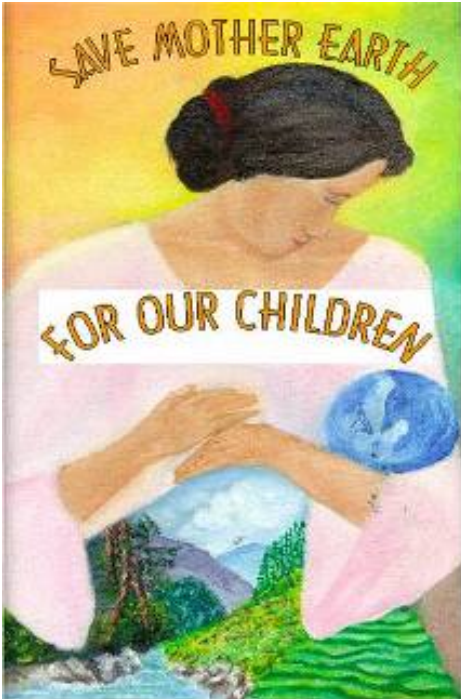


- 100% RoHS Compliant Products
- Leading edge products offering large capacity and high performance w/ highly advanced technologies
- Pioneer in producing 1.8 inch HDD worldwide
- Leads the way in emerging markets of HDD and SSD, such as automotive and audio-video applications
- Advanced Class 10 Clean Room Technology for HDD Production

**Environmental communication**



Employees	Suppliers/Contractors	Community (Government, School, etc.)
<ul style="list-style-type: none"> <li>• Posting of Envi. Information on Boards - Monthly update</li> <li>• New employee orientation</li> <li>• Annual environmental re-orientation to all employees</li> <li>• Monthly issuance of company journal "In-touch" with environmental articles</li> <li>• Special training program such as Chemical, Waste Management, etc.</li> <li>• Special environment awareness months including Environmental exhibit, contests, film showing, and others</li> </ul>	<ul style="list-style-type: none"> <li>• Regular Suppliers Training/Meeting - 2x a year</li> <li>• Environmental audit</li> <li>• Open to benchmarking</li> <li>• Invite to join TIP environmental activities</li> </ul>	<ul style="list-style-type: none"> <li>• Issuance of Annual CSR Report</li> <li>• Regular meeting and education</li> <li>• Invite to join TIP environmental activities</li> </ul>

**Environmental Policy****Commitment to Earth**

TIP fully recognizes that protection and conservation of the environment is an essential responsibility to preserve the earth for future generations.

**Commitment to Compliance**

TIP will comply with all applicable environmental laws, rules and regulations.

**Commitment for Improvement**

TIP's environmental management system has specific rules and objectives to ensure continual improvement on processes, procedures and products.

**Responsibility of Employees & Other Stakeholders**

All employees and other persons working for and on behalf of TIP are responsible in observing and promoting environmental protection activities.

**(Revision 1)**

**Yoshiyuki Yano**  
TIP President  
(Printed copy signed)

## Supplemental Environmental Policy

(This Supplemental Environmental Policy aims to further define/explain TIP's Environmental Policy.)

### COMMITMENT TO EARTH

*TIP recognizes that the earth is an irreplaceable asset, and that it is everybody's duty to hand it on to future generation in a sound state, Toshiba Group contributes to the development of a sustainable society by pursuing creation of new values and symbiosis with the Earth in accordance with Toshiba Group's Environmental Vision. With this belief, TIP commits to promote environment-friendly business activity by manufacturing products using processes, substances and materials which will not harm the environment. To promote efficient utilization of natural resources in line with its commitment to preserve mother earth in **consideration of biodiversity management**, TIP shall make effort to:*

- 1. **Minimize carbon dioxide emission and global warming effect of its operation through efficient energy use by installation of energy efficient devices and carbon sequestration by promotion of tree planting.***
- 2. Reduce water consumption by adopting conservation projects.*
- 3. **Trim down waste generation following the waste management principle: reduce, reuse, recycle and recover. Continuously strive to promote zero emission or disposal of waste to landfill through detailed segregation of domestic waste and other non-recyclables for possible processing.***
- 4. Increase recyclable ratio by reducing the use of parts and materials difficult to recycle*
- 5. Manage properly the use of chemicals and environment-related substances and materials which have an adverse environmental effect and also make effort to reduce the usage of such substances.*
- 6. Promote the acquisition of parts and materials that have low environmental impact.*
- 7. Prevent pollution by implementing waste management programs, including proper disposal of hazardous materials and substances; air emission and water discharge monitoring programs. **Ensure water discharge compliance to protect Laguna Lake and associated water bodies.***

### COMMITMENT TO COMPLIANCE

*TIP complies with all applicable laws, regulations and other requirements on environmental preservation and protection, code of conduct in the industries which Toshiba has agreed and all regulations and standards which relates to its environmental aspects.*

### COMMITMENT FOR IMPROVEMENT

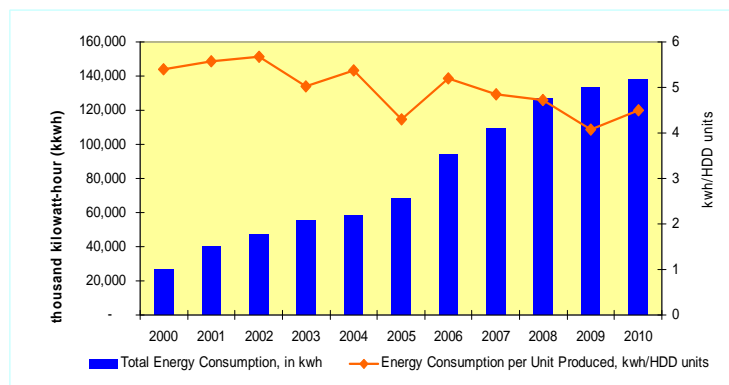
*To keep constantly ahead of the competition, TIP shall adopt the TIP motto of simple, speed and flexibility, which requires constant, changes for continual improvement. TIP strives to continually improve the environment by setting up specific objectives and targets and through the implementation and review of plans and programs. To further support this policy, TIP shall provide training to employees or those working on its behalf to be able to perform their function effectively and efficiently including those that have the potential to cause a significant environmental impact identified by the organization.*

### RESPONSIBILITY OF ALL EMPLOYEES AND OTHER STAKEHOLDERS

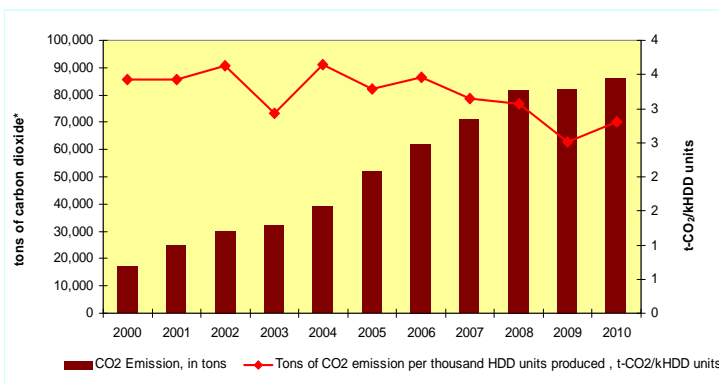
*TIP considers environmental protection and conservation to be one of management's primary responsibilities. Moreover, to contribute to society as good corporate citizen, TIP strives to enhance the awareness of all its employees or those working on its behalf regarding its responsibility to conserve and protect the environment and requires that they make practical contribution through their work. TIP constantly communicates its environmental activities to employees, community members and other stakeholders.*

**Environmental load data**

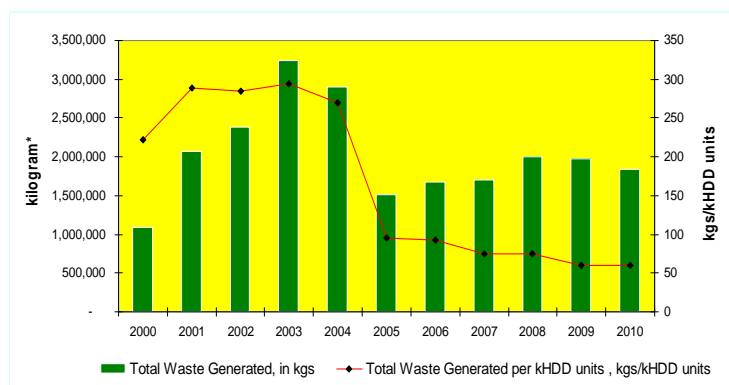
**Energy usage (unit: 1000KWH)**



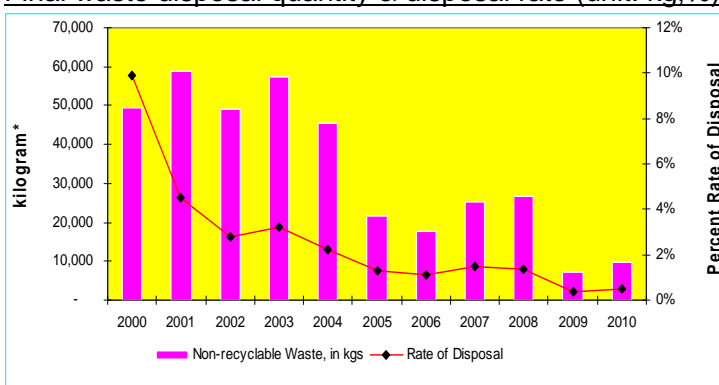
**CO2 emission (unit: ton-CO2)**



**Total waste produced (unit: Kilogram)**

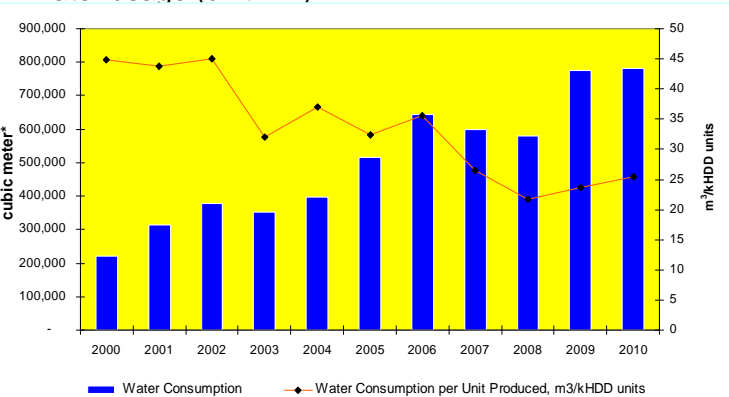


**Final waste disposal quantity & disposal rate (unit: kg,%)**



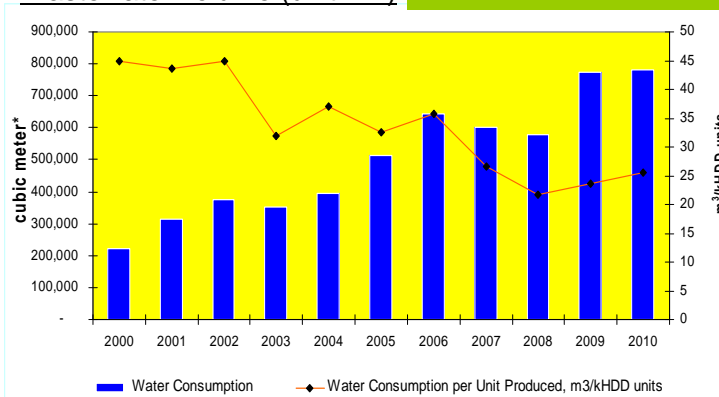
Major wastes: Paper wastes, plastics, metal, glass, electronic wastes, used oil, etc.

**Water usage (unit: m<sup>3</sup>)**

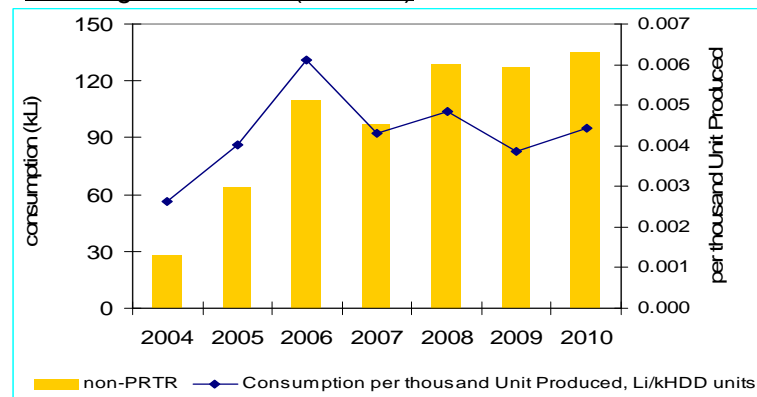


**Wastewater volume (unit: m<sup>3</sup>)**

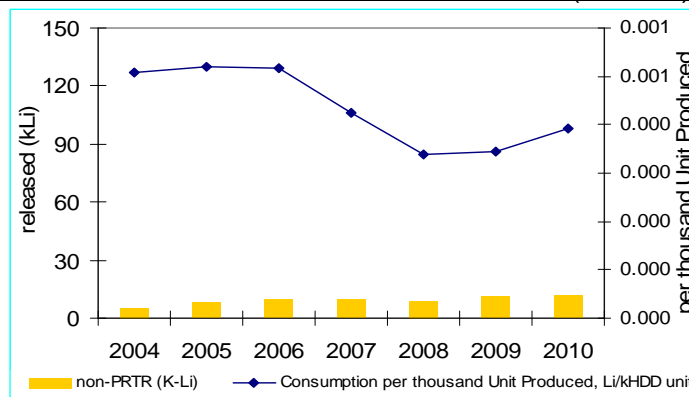
\*Assumption: Water In=Water Out



**Handing substances (unit: ton)**



**Substances volatilized and released to water (unit: ton)**



Major chemical substances: IPA, n-heptane, Ammonia and HCl

## Compliance management

### Atmospheric measurement FY10 average results (from Generator Set Operation )

	Regulation value	Self-control value	Actual measurement	Measurement frequency
NOx (mg/Ncm)	2000	1,800	1,297.5	Semi-annual for external testing
SOx (mg/Ncm)	1,500 (Existing Sources) 700 (New Sources)	1,200 (Existing Sources) 560 (New Sources)	306.8	Semi-annual for external testing
Soot & dust (mg/Ncm)	150	120	43.2	Semi-annual for external testing

### Wastewater measurement FY10 average results from WTP discharge

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	6.5 - 8.6 (agreed value)	6.9-8.4	7.53	Once/month
BOD (mg/l)	50	40	6.08	Once/month
COD (mg/l)	100	80	13.92	Once/month
SS (mg/l)	70	56	4.0	Once/month
Nitrogen (mg/l)	Not regulated	Not regulated	Not monitored	None
Fluorine (mg/l)	Not regulated	Not Regulated	Not monitored	None

### Noise & vibration measurement FY09 average results from outside location equipment inc. gensets and chillers)

	Location: Time	Regulation value	Self-control value	Actual measurement	Measurement frequency
Noise (dB)	Lot boundary: Day (8:00am-10:00pm)	75	75	67.7	Twice/year
	Lot boundary: Night (10:00pm-5:00am)	70	70	67.8	Twice/year
Vibration (dB)	Lot boundary: Day	No set limit	Not yet set	Not monitored	Not monitored
	Lot boundary: Night	No set limit	Not yet set	Not monitored	Not monitored

### Other measurement results (Sewage Water Law: Major results)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
Hydrogen ion concentration (pH)	6.5-9.0	None	Not monitored	Monitored by Industrial Park Sewage Treatment Plant
BOD (mg/l)	50	None	Not monitored	Monitored by Industrial Park Sewage Treatment Plant
SS (mg/l)	100	None	Not monitored	Monitored by Industrial Park Sewage Treatment Plant

### Environmental accidents, administrative advices and complaints

	State
Environmental accident	None
Environmental problem around the factory and in the local area	None
Administrative advice or direction	None
Complaint from neighboring residents	None