

Minutes

Meeting:	Brock University Sustainability Coordinating Committee	
Place:	Sankey Chamber	
Date:	January 24, 2013	
Time:	9:00 - 11:00 am	
Present		
Name	Representing	Initials
Tom Saint-Ivany (Chair)	Facilities Management	TS-I
Domenic Maniccia	Facilities Management, Custodial	DM
Larry Molnar	Facilities Management, CPDC	LM
Iain Glass	Hospitality Services	IG
Jeffrey Sinibaldi	Marketing & Communications	JS
Chuck MacLean	Procurement Services	CM
Karen McAllister-Kenny	Recreation Services	KM-K
Heather Hill	BUSU	HH
Jamie Fleming	Residences	JF
Dennis Dominey	Facilities Management	DD
Carol McIntosh	Printing Services	CMc
Cindy Chernish	Residences	CC
Kerrie Pickering	Environmental Sustainability Research Centre (ESRC)	KP
Chris Tatarnic	ITS	CT
Visitors		
Name	Representing	
Dave Shaw	Advanced Office Solutions for Xerox Canada	DS
Chris Petis	Advanced Office Solutions for Xerox Canada	CP
Regrets		
Name	Representing	Initials
Ian Brindle	Office of Research Services	IB
Cassie Kelly	Facilities Management	CK

Item #	Discussion	Action
1.0	Welcome (Tom Saint-Ivany)	
2.0	Confirmation of Agenda (Tom Saint-Ivany) No changes.	
3.0	Review of November 22, 2012 Minutes (Tom Saint-Ivany) The minutes were approved.	
4.0	Calendar of Sustainability Events <ul style="list-style-type: none"> • January 30, 2013 - Sustainability Webinar, Niagara Region • January 30, 2012 - Brock Environmental Sustainability Research Centre 3rd Annual Rodman Hall Seminar at Rodman Hall • February 6, 2013 - Electric Vehicle Infrastructure Summit, Toronto • March 22, 2013 - World Water Day • March 23, 2013 @ 8.30pm - Earth Hour • April 4-5, 2013 - Green Campus Summit - India • April 16-22, 2013 - Earth Week • April 22, 2013 - Earth Day 	
5.0	<p>Presentations</p> <p><i>Presentation Xerox Canada</i></p> <p>CM introduced Dave Shaw and Chris Petis from Advanced Office Solutions, sales agents for Xerox.</p> <p>DS gave an overview of the process involved in the manufacture, packaging, delivery and eventual disposal of Xerox products and how they are trying to reduce their environmental impact. The process has evolved over the years to keep up with new technology. One of the main differences is in the toner; the new machines use Emulsion Aggregate (EA) toner which is solid ink, no mess or dust and the packaging is made from post-consumer waste. Copies are produced using 60% less toner and there is 50% less toner waste. The temperature used to melt the toner is lower saving 20% in energy consumption. Used toner cartridges are collected and recycled. Most used cartridges end up in the landfill, only about 20% are recycled. The machines also have a waste toner container which is collected and reprocessed. Typical laser waste is 815 lbs for toner, packaging, etc., with solid ink the waste is only 88 lbs and it can be recycled. Potential savings is 8,500 lbs of waste over a 50% volume migration at Brock.</p> <p>Asset rationalization is another plus, one machine can take the place of several which means fewer SKU's to manage - instead of having 15 different items there are only two. Xerox has the industry's first sustainability calculator, and can track the amount of power that is being used. Brock should work towards a University wide policy rather than department to department. This can be achieved in the future.</p> <p>CM asked about sleep mode. DS said that energy savings come from the device being smarter, the machine is 'intelligent ready and job activated', after one hour of inactivity the machine will go into shutdown mode automatically.</p>	

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	<p>Existing printers did not have the capability of double sided printing and the new ones are being set to automatically print two-sided as a default. CM mentioned that Brock uses \$230,000 worth of paper a year; if a third can be saved that's a substantial savings. Storage of the paper is also reduced, as documents are half the size. TS-I asked CM to send him the measurements for his COU report each summer. CM said this is difficult as the University is constantly growing.</p> <p>DM had a question on packaging; when we receive new printers, computers, etc., the polystyrene is not recyclable in the area would it be possible to return this to the manufacturer? DS said some manufacturers are changing this, with Xerox the machines come in on skids which can be reused. CP indicated Xerox have a reshipment program, and anything can be sent back to them for recycling.</p> <p>TS-I thanked DS and CT for their presentation.</p>	CM
6.0	Old Business	
6.1	<p>Niagara Sustainability Initiative Update (Cassie Kelly)</p> <p>TS-I: Our commitment is to reduce our energy use by 20% over the next 10 years. At the next meeting TS-I would like DD to share the baseline for electricity, gas, water and FM vehicles.</p> <p>IG mentioned that they have replaced some equipment with more energy efficient models, and the new photocopiers must be making a difference. CM has a table of energy efficient models if anyone is interested.</p>	DD
6.2	<p>Bottled Water - Discussion on Approaches (Tom Saint-Ivany)</p> <p>TS-I feels that we need to install more water fountains and bottle filling stations before looking into banning water bottles. Perhaps this can be addressed a few years down the road. KM-K is hoping to install two more units in the next couple of years.</p>	
6.3	<p>Ongoing Internal/External Media Coverage of Sustainability Initiatives and Research at Brock (Jeff Sinibaldi)</p> <p>JS indicated an article is still in the works.</p>	JS
6.4	<p>Energy Conservation and Demand Management Plan (Cassie Kelly)</p> <p>TS-I mentioned that we have to put out a report in June of this year.</p> <p>DD indicated that some of our energy saving initiatives have turned out not to be effective once the design calculations were completed, therefore some modifications must take place before the Energy Conservation and Demand Management Plan is released.</p>	
6.5	<p>Annual National Pollutant Release Inventory (NPRI) Results Reporting (Cassie Kelly)</p> <p>AS CK was unable to attend, this item will be discussed at the next meeting.</p>	

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6.6	<p>2012 Survey of Green Initiatives at Ontario Universities - Brock University Response (Tom Saint-Ivany)</p> <p>TS-I: The results have been delayed as COU came back with a couple of questions on Brock's return. They should be out later this month or early February.</p>	
6.7	<p>Brock University as a Participating Partner in the Sustainable Niagara Plan (Tom Saint-Ivany)</p> <p>TS-I indicated that we are currently a participating partner with Sustainable Niagara with the view to becoming a leader. To be a leader you have to have a Sustainability Policy, which would have to be passed by the Board of Trustees. TS-I prepared a two page report for the Trustees and once they have seen it, he will report back to the committee. Later in the year TS-I would like to work on a Sustainability Policy, which should be a short concise policy statement that recognizes Brock as being part of the Biosphere and incorporate both the academic and administrative sides of the University.</p> <p>There are all sorts of different groups we could become involved in but TS-I feels that our current involvement with two regional initiatives is sufficient for now.</p>	TS-I
6.8	<p>Photocopier Replacement Program (Chuck MacLean)</p> <p>CM stated that we had roughly 100 old copiers on campus that were not all capable of scanning or printing. Part of the plan was to network all of the printers and get rid of the small desk models. TS-I said some desk printers are required for confidentiality. CT mentioned that the new multifunctional devices (mfd) have a secure print feature which requires a pin in order to print. CM said it was never our objective to replace every printer. CT indicated that we have approximately 600 devices, including the mfd. Some of the old printers are on constantly, whereas the new mfd automatically go into power saver mode after 1 hour of inactivity. DM asked CT if the 600 included every printer. CT said no, it does not include many small printers used by faculty. According to the BUFA agreement, faculty can receive an allowance of \$500 for a printer and most are taking advantage of this. TS-I mentioned the cost of toner for some of the small machines is more expensive.</p>	
6.9	<p>2012 Annual Waste Audit Update (Domenic Maniccia)</p> <p>DM: The numbers for this year's audit are going to be scrutinized; they have always questioned how we achieve a reduction in the 70% range. We anticipate a report next month so will have update at the March meeting.</p>	
6.10	<p>Electric Vehicle Parking & Charging Station (Tom Saint-Ivany)</p> <p>Tom Arkell has agreed to the installation of a charging station. LM confirmed that Sun Country will be providing a unit and he is presently trying to find a contractor to install the outside component. At the moment we have one parking space but the unit could be positioned between two</p>	

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	<p>spaces so that either one could use the charging station. TS-I said the pavement marking can be done in the Spring.</p> <p>LM: The smart phone app that comes with the unit allows the user to log in and enable the charging device. The cost of the charge is then billed to the user's smart phone. This circumvents the rule concerning the resale of power. Instructions will be on the unit. Anyone who has purchased a vehicle will be aware that these apps are available. Many charging stations are still free.</p>	
6.11	<p>"Parked" Old Business</p> <p>6.11.1 Sustainability Policy Development (Tom Saint-Ivany) 6.11.2 Sustainability Website Update (Jeff Sinibaldi) 6.11.3 Terms of Reference/Committee/Charter (Tom Saint-Ivany) 6.11.4 Sustainability Coordinator (Tom Saint-Ivany)</p>	
7.0 7.1	<p>New Business</p> <p>Green Housekeeping Site - Gold Certification (Domenic Maniccia)</p> <p>DM mentioned that the award was on display in the lobby of Sankey Chamber.</p> <p>DM: The cleaning products that we use are non-petroleum based and fragrance free. We had to sell the products to our custodial team, as they do require a little more elbow grease, but they have been working out great. The certification process involved a two-day site audit which was evaluated by a third party. The audit highlighted the thoroughness of our recycling program and cleanliness of areas such as washrooms and food preparation. We were awarded Gold status, at 89%, with cleanliness not only for appearance but for health. We also received some recommendations which DM will pass on to the departments. The biggest challenge now is where we should post the award.</p>	
7.2	<p>Earth Hour (March 23, 2013) Planned Activities (Tom Saint-Ivany)</p> <p>TS-I brought this item just as a reminder. We generally turn off some lights around campus during Earth Hour to show our participation; the Cairns building will be involved this year, although safety has to be taken into consideration. CC said they are in the process of planning events and students usually participate during the week prior.</p>	
7.3	<p>Totally Green Organic Composter (Domenic Maniccia)</p> <p>TS-I played a short descriptive video on the composter, which can turn organic food waste to water in 24 hours. The resulting nutrient-rich grey water (similar to compost tea) can be safely disposed of through the sanitary sewer system. Additional information can be found on their website http://www.totallygreen.com/orca.</p> <p>DM was approached by a sales person; they are approaching the school and hospital environment. The company is owned by a Canadian who purchased it from the U.S. The units come in various sizes and would not be purchased, but</p>	

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	<p>rented. There would be a monthly rental fee which would include all preventative maintenance visits and 24 hour onsite servicing. IG asked whether it would be legal in the Niagara area. TS-I said it meets the Ontario Standards.</p> <p>DM will be meeting with them and will speak with food services. Consumption would be about \$7 a month for water and \$70 a month for electricity.</p> <p>IG mentioned Ryerson has a cooker. The pulper that we have reduces 10 garbage bags down to 1, but the pulp still needs to be collected and disposed of. CM: This could compare to what we are doing now, with pick up and disposal costs. We should look into what competitors are out there and what the monthly cost would be. We should also check with the Niagara Region as to whether they can dispose of the sludge. LM indicated he has some contacts at the Region who might know if they would support it.</p> <p>DM: this is indoor technology versus the outdoor cooker we researched last year. DM will pursue this with CM and IG and also get BUSU involved. KP said she would like to be included in the discussion and asked how this would impact the pig farmer who is relying on the food waste to feed his pigs. DM mentioned that the pig farmer has more than one supplier.</p>	<p>DM</p> <p>LM</p> <p>DM</p>
<p>8.0</p> <p>8.1</p>	<p>Once-Around-the-Table</p> <p>Sharing of updates of Sustainability Practices, Activities, and Initiatives (All)</p> <p>LM recently had some hazardous material to dispose of and on looking through the 2013 collection guide from the Region noticed the list of disposal dates. He thought it might be a good idea to send a campus wide notice, or email, to remind everyone about the dates so that items are disposed of correctly. TS-I thought that something could be put in the Brock News and CC suggested social media or Facebook.</p> <p>CC will be preparing for the residence move out in April and will be looking into whether to open up the electronic waste collection to the entire campus. We didn't make any money last year but at least the items didn't end up in the landfill. People also have things at home that could be brought in. DM said 2744 lbs of waste was diverted last year. TS-I said we would have to monitor the bins so students don't put items into the waste when the binds are full. Students who live off campus could also bring items in.</p> <p>KP mentioned the upcoming seminar at Rodman Hall on January 30th. The topic will be Meanings and Measurements of Sustainability.</p> <p>IG asked whether we could put a regular feature on the Brock News. JS said he usually does try to report on items that come up between meetings.</p> <p>IG said they would like to take free trade certification to the next level and sell items in the vending machines, but they are expensive - Cadbury's Dairy Milk is the only product available at the moment.</p>	

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	<p>CM and DM are looking into recycling plastics at the stores across the street.</p> <p>CM heard on the news that the Prius is the top selling car in its category in California. The Cambridge Toyota plant has received nearly \$34 million from the Federal and Ontario Governments; they will be making the Lexis hybrid in Canada; the first time anything has been made anywhere but Japan.</p> <p>DM: there seems to be a recurring theme of communication and if the sustainability webpage could ever be launched we could use it to communicate information and upcoming events in the community and worldwide. We were given a website number initially to start with but it would need to be updated and maintained. TS-I asked if anyone might know someone who would be willing to take this on. KP said she will speak to the person who does their webpage or a student. JS said rather than a website they could create a sustainability corner in brock news as long as it was updated. TS-I indicated he would still like to hire a sustainability coordinator, and will be working on this again in the Spring.</p>	<p>KP TS-I</p>
9.0	<p>Next Bi-monthly Meeting (Tom Saint-Ivany)</p> <p>The next meeting will take place on March 28, 2013 from 9:00 a.m. to 11:00 a.m. in Sankey Chamber.</p>	
10.0	<p>Adjournment (Tom Saint-Ivany)</p>	