

**WA HEALTH CLIMATE CHANGE INQUIRY**

**APHA WA - Member Hospitals Submission**

**August 2019**

<b>SITE</b>	<b>STRATEGY</b>
<b>Waste Recycling and Reduction</b>	
Perth Clinic	Paper and cardboard compacting and recycling (X-Press machine, Visy)
	Paper waste basket liners replacing plastic
	Electronic equipment recycling
	Double sided printing default on all printers and copiers
Southbank Day Surgery	IV tubing recycling
	Oxygen mask recycling
	Co-mingled recyclable waste bin (Suez)
	Medical waste recycling (Baxter)
	Plastic straw elimination
	Plastic cup and spoon elimination
	Patient belongings bags changed from plastic to paper
Joondalup Health Campus	Waste & Environment Committee (which includes Suez representation) to drive and coordinate recycling initiatives.
	PVC Plastics – this includes IV bags, masks and tubing
	Cooking oil to Bio Fuel
	Co-mingle Waste bins throughout hospital in public areas and staff areas
	Bulk Metal disposal of small and large items such as chairs, beds and the like
	E-Waste disposal through return to purchaser and disposal
	Equipment donations to charities such as Rotary and Volunteer Vietnam. Clothing, sheets and towels to Youth With A Mission (YWAM)
	Operating Room Plastics
	Single use metal instrument such as scissors, clamps and tweezers
	Soft plastic segregation such as clear film and Sterile wrap from Supply dept
	Batteries (four streams) Local school, Go Recycle, Mindarie Regional Council, Suez
	Fluorescent tubes disposal
	Donations of unopened single use food items to Oz Harvest
	Diathermy Pens
	ORCA food waste – diverts food from landfill
	Lead Aprons via Suez
	Coffee pods – individual ward use and collection
	Keep Kups for use at the in-house Barista
	Biodegradable cutlery, paper straws and biodegradable containers in staff dining room
	LED lighting replacement program (downlights and fluorescent tubes,

	as expired)
	Ink cartridges
	Red Sock Program - Currently only DPU
	All other waste is disposed of as appropriate – including clinical, cytotoxic, pharmaceutical, grease trap and confidential. We aim to reduce our waste to landfill at every viable opportunity.
	Waste Information Day September 2018 and quarterly newsletter.
Hollywood Private Hospital	Environmental and Waste Management Committee to coordinate recycling activities
	Cardboard, cans, batteries, furniture, coffee pods, printer cartridges, clean scissors and tweezers, mobile phones, pallet wrap plastic, reading glasses – all recycled or donated (over 90% of food packaging is recycled).
	1000 empty boxes donated to Save the Children Fund for book sale.
	'Orca' machine introduced in kitchen to break down food waste into organic waste. In the last 2 years, over 200 tons of food waste has been diverted from landfill.
	Currently in process of switching to compostable drinking cups and individual portions of sauce in compostable containers for patient meal trays.
	All plastic meal containers and cutlery in staff cafeteria replaced with recyclables.
	New e-waste bins introduced for electrical equipment such as old printers, computers.
	Unused packaged food sent to charities and unused food packaged into frozen portions and donated to charity.
	New metal scrap bins introduced.
	Pantries and tea trolleys have recycle bins for plastic, cans and cardboard.
<b>Energy Conservation and Emissions Reduction</b>	
Perth Clinic	LED lighting replacement program (downlights and fluorescent tubes, as expired).
	Airconditioning set to calendar timings.
	Car park lighting set to diurnal timing.
	Patient linen - option for patient to defer replace/wash.
	Gas boilers set to on demand.
	Night staff energy conservation check list.
Hollywood Private Hospital	Travel Smart Program to encourage staff to reduce car reliance and make alternative transport arrangements.
	Lighting replacement program (over 1000 LEDS now fitted).
	Introduction of movement sensors to automatically turn lights off.
	End of trip facilities to encourage bicycle travel.
	Loan bikes available if staff wish to borrow them to travel to work.
	Introduction of paid parking to reduce numbers of staff driving to work.
	Retrofitted variable speed drives (VSDs) and building management systems (BMS) controllers on older model equipment to improve

	power efficiency.
	Improved management of chillers and associated electrical equipment operations.
<b>Water Conservation</b>	
Perth Clinic	Patient linen - option for patient to defer replace/wash.
	Low water use planting choices in garden beds.
Hollywood Private Hospital	Greening Hollywood Program for the planting of low water use native plants, shrubs and grasses.
	In discussion with Water Corporation about introduction of RO waste water recovery plant.
	Metered cooling towers for chillers to reduce water consumption.
	Water meters to understand consumption patterns and curb overuse.