

6A Campus Waste Audit 2

WASTE AUDIT

This is the opportunity to measure the impact of the PFC project.

Use the same audit option used in Campus Waste Audit 1

1. **Full** – includes single use items designated as compostable or biodegradable and items used by students directly and indirectly, e.g. by the kitchen
2. **Medium** – includes only items used by students directly
3. **Light** – limited to only a few high profile items, e.g. PET water bottles

REMINDERS:

HOW TO COUNT

What is needed is a reasonably accurate "snapshot" of the waste on campus on an average day. While it is possible to survey the waste for a week and divide to get an accurate average, a good one-day sample can be good enough. When the audit is re-done at the end of the project there should be a significant difference in the plastic waste generated within the school community.

WHAT TO COUNT

The primary goal is to find out how much plastic waste the school community is generating.

HOW TO MEASURE

It is important to always use the same unit of measure for each survey. Here are some options: Use the same option used in Campus Waste Audit 1:

- **Individual Units** – count each bottle, cup or other item – this means going through the trash – wear gloves of course and be careful of broken glass and sharp items
- **Average Units** – count the individual items in a sample of bags of waste to get an average per bag then count the number of bags and multiply by the average of items per bag
- **Estimated Units** – without counting individual units, look in a number of sample bags to estimate the number of different individual items per bag. Multiply by the number of bags

WHERE DID IT COME FROM?

INTERNAL: purchased by the school and generally found in the cafeteria, vending machines and other places.

EXTERNAL: brought in by students and faculty.

PREPARE TO AUDIT

- Get permission from the school administration to conduct the audit
- Get enough volunteers
- Make sure you can get access to the areas to be audited

- Consider health and safety – heavy gloves, etc.
- When is the best day/time to conduct the audit so that it is representative

COMMUNICATE

Using social media, school radio, newsletter or other, share the results and their meaning with the school community. Add photographs, videos, etc.

FULL

METHOD USED: ☐ Individual Units ☐ Average Units ☐ Estimated Units

WASTE	MATERIAL	INTERNAL How Many?	EXTERNAL How Many?	TOTALS
Water Bottles	#1 PET			
Other Drinks Bottles	#1 PET			
Condiment Bottles like Ketchup	#1 PET			
Other: please add	#1 PET			
Other: please add	#1 PET			
TOTAL Checklist Key Metric 1				
Other: e.g. juice bottles	#2 HDPE			
Shopping bags	#2 HDPE			
Milk Jugs	#2 HDPE			
Cleaning supplies	#2 HDPE			
Cereal box liners	#2 HDPE			
Shampoo/Soaps	#2 HDPE			
Other: please add	#2 HDPE			
Other: please add	#2 HDPE			
TOTAL				
Clear cup lids	#3 PVC			
Plastic film e.g. clingfilm/Saranwrap	#3 PVC			
Deli and meat wrap	#3 PVC			
Other: please add	#3 PVC			
Other: please add	#3 PVC			
TOTAL				
Light plastic – bags for bread	#4 LDPE			
Light plastic – produce bags	#4 LDPE			
Garbage bags	#4 LDPE			
Frozen food bags	#4 LDPE			
Other: please add	#4 LDPE			

Other: please add	#4 LDPE			
TOTAL				
Yogurt Containers	#5 PP			
White rigid takeaway containers	#5 PP			
Other: please add	#5 PP			
Other: please add	#5 PP			
TOTAL				
White hot drink cups	#6 PS			
Soft takeaway containers	#6 PS			
Trays for meat	#6 PS			
Other: please add	#6 PS			
Other: please add	#6 PS			
TOTAL				
Tetrapak – juice and milk	#7 OTHER			
Single serve juice boxes -	#7 OTHER			
Takeaway “paper” cups	#7 OTHER			
Drink pouches mixed aluminium plastic Ex: Capri-Sun	#7 OTHER			
Other: please add	#7 OTHER			
Other: please add	#7 OTHER			
TOTAL				
Plastic Straws	Miscellaneous			
Plastic Stirrers	Miscellaneous			
Plastic Utensils	Miscellaneous			
Other: please add	Miscellaneous			
Other: please add	Miscellaneous			
TOTAL				
Checklist Key Metric 2				
Glass bottles	Non-Plastic Waste			
Checklist Key Metric 3				
TOTAL				
Aluminium cans	Non-Plastic Waste			
Checklist Key Metric 4				
TOTAL				

<i>Office paper</i>	Non-Plastic Waste			
<i>Cardboard</i>	Non-Plastic Waste			
<i>Tin Metal Cans</i>	Non-Plastic Waste			
<i>Other: please add</i>	Non-Plastic Waste			
<i>Other: please add</i>	Non-Plastic Waste			
TOTAL				
Biodegradable Items	Specify item; e.g. cups or utensils			
TOTAL				
Compostable Items	Specify item; e.g. cups or utensils			
TOTAL				

MEDIUM

METHOD USED: ☐ Individual Units ☐ Average Units ☐ Estimated Units

WASTE	MATERIAL	INTERNAL How Many?	EXTERNAL How Many>	TOTALS
Water Bottles	#1 PET			
Other Drinks Bottles	#1 PET			
Other: please add	#1 PET			
TOTAL Checklist Key Metric 1				
Other: e.g. juice bottles	#2 HDPE			
Shopping bags	#2 HDPE			
Other: please add	#2 HDPE			
TOTAL				
Clear cup lids	#3 PVC			
Other: please add	#3 PVC			
TOTAL				
Other: please add	#4 LDPE			
TOTAL				
Yogurt Containers	#5 PP			
White rigid takeaway containers	#5 PP			
Other: please add	#5 PP			
TOTAL				
White hot drink cups	#6 PS			
Soft takeaway containers	#6 PS			
Other: please add	#6 PS			
TOTAL				
Tetrapak – juice and milk	#7 OTHER			
Single serve juice boxes	#7 OTHER			
Takeaway “paper” cups	#7 OTHER			
Drink pouches mixed aluminium plastic Ex: Capri-Sun	#7 OTHER			
Other: please add	#7 OTHER			
TOTAL				

Plastic Straws	Miscellaneous			
Plastic Stirrers	Miscellaneous			
Plastic Utensils	Miscellaneous			
Other: <i>please add</i>	Miscellaneous			
TOTAL				
Checklist Key Metric 2				
Glass bottles	Non-Plastic			
Checklist Key Metric 3	Waste			
TOTAL				
Aluminium cans	Non-Plastic			
Checklist Key Metric 4	Waste			
TOTAL				

LIGHT

To do this, select one or a few types of single-use plastics that are most obvious as a target for reduction. Often this is either PET Water Bottles or single-use plastic cutlery. Choose what is right for your school.

Because of the limited audit the best way to do this is the Individual Units method.

METHOD USED: ☐ Individual Units

WASTE	MATERIAL	INTERNAL	EXTERNAL
		How Many?	How Many>
Water Bottles	#1 PET		
TOTAL Checklist Key Metric 1			
Plastic Utensils	Miscellaneous		
TOTAL Checklist Key Metric 2			
Glass bottles	Non-Plastic Waste		
TOTAL Checklist Key Metric 3			
Aluminium cans	Non-Plastic Waste		
TOTAL Checklist Key Metric 4			