



RESTRICTED WATER SUPPLY: CAMPUS PLAN

We are working together with the Makana Community to save water during this critical water shortage period. Together we can make a difference, as every drop counts. We need to make every effort to ensure that our campus is water wise. We at Rhodes are committed to implementing Water Conservation measures.

Campus Plan (All areas, including administrative & academic buildings)

1. Drinking water will be made available at various points across the academic areas of campus. Water tanks will be placed in various accessible sites on Campus and at the Dining Halls, to ensure the supply of drinking water, as well as grey water (sourced from boreholes) for the flushing of toilets.

(A map for the location of these tanks will be circulated in due course).

(St Peters, Eden Grove, Business School, Drostdy Dining Hall, Library, Main Admin Building, Steve Biko, Barratt Red Square, HKE, Oakdene, AMM Building, Celeste)

- **Khaki Coloured Water Tanks – Labelled – Municipal Water - Drinking Water**
 - For drinking purposes only. Students and staff may fill their water bottles for consumption on campus.
- **Grey Coloured Water Tanks – Labelled – Grey Water For Flushing Toilets**
 - Buckets provided in all toilets. Water to be collected from these tanks and used for the flushing toilets.
 - Only flush toilets with water collected from these water tanks – use allocated buckets to decant from water tanks.
 - Do not flush the toilets after each urination. Monitor the paper level in the toilet bowl, to ensure that there isn't dry paper in the bowl. Use your discretion. *“If its yellow let it mellow, if it's brown flush it down.”*

- **Green Coloured Water Tanks – Labelled- Rain Water - Boil before drinking**
 - Tanks used to capture rainwater. Water used from these tanks must be boiled before consuming.
2. All urinals campus-wide, (including residences), will be kitted with Urinal P-Mats, in order to limit the usage of water and to ensure that the urinals are free of any odor. Automatic water flushing will be reduced
 3. All Bathrooms have water-less hand sanitizers for personal hygiene purposes.
 4. Cleaning services will make greater use of chemical sprays to reduce water usage for the cleaning of ablution areas.
 5. Washing of windows and vehicles has been halted.
 6. Smart water meters are being installed in all of the residences. The meters are programmable, and once the water volume allocation (50lt per student per day) has been provided, the valve will shut off (residents will need to self-regulate to ensure that no more than 10l is used per shower and that there is no excessive or wasteful laundry usage). Upon completion of the installation in the residences, the various sports ablution areas will be addressed similarly.
 7. Awareness-raising material has been distributed across campus.

Campus Residence Plan

Procedures implemented by Residential Operations:-

The Deputy Director: Residential Operations will contact all RESOPS Managers to convene a meeting to operationalize the plan per department

1. Ensure that RESOPS Managers and staff are aware of the plan.
2. Unnecessary crockery and cutlery (e.g., side plates and saucers) will be withheld in the Dining Halls, and plates will be wiped with paper before washing to reduce water usage.
3. Water wise food preparation methods will be implemented.
4. Ensure that washing of windows and vehicles cease until restrictions have been lifted.
5. Ensure that Khaki coloured water tanks are labelled (MUNICIPAL -DRINKING WATER) and placed for easy access at each dining hall. Students to be reminded to fill their allocated water bottles from these tanks and to top up when required.
6. Provide each student with *basins* for the collection of shower water. Students will stand in these basins and collect their shower water and thereafter decant into grey water collection containers.

7. Provide bathrooms with grey *containers* for the storage of collected shower water.
8. Housekeeper to add bleach or chlorine tablets to the grey water collection containers, to ensure that the water is sanitised for flushing toilets.
9. Provide bathrooms with *buckets* to decant used shower water from the grey water collection containers, to be used for the flushing of toilets.
10. Ensure that that toilets are kept hygienically clean throughout the day.
11. Housekeeping services will make greater use of chemical sprays to reduce water usage for the cleaning of ablution and shower areas.
12. Lock down laundry facilities
13. Lock down allocated bathrooms and toilets.
14. Provision of additional staff to assist cleaning of ablutions on when necessary.
15. Sanitizing spray to be available in all toilets for spraying toilet seats for student use.
16. Waterless hygiene hand cleanser to be available in all residences for hygiene and sanitation purposes.
17. Housekeeping to issue buckets and basins to each student room **(Form part of Room Statement List)**
18. RESOPS to ensure that awareness-raising material distributed to residences and placed in bathrooms.

Procedures implemented by Facilities.

The Deputy Director: Facilities Management will contact all Facilities Managers to convene a meeting to operationalize a plan per department.

1. Ensure that all Facilities Managers and staff are aware of this plan.
2. Ensure that all residences have adequate rainwater tanks connected to all the Kitchens and Residences.
3. Ensure drinking water tanks and grey water tanks are placed outside each dining hall and at designated areas across campus. Ensure that these tanks are topped up daily.
4. Check that all water tanks are routinely filled.
5. Check that all water tanks have taps and routinely replace broken / stolen taps.
6. Have a team on standby to assist with plumbing and electrical complications during the outage (Add to critical contact List)
7. Ensure that all reservoirs and wells on campus are routinely maintained, and pumps are in working order.
8. Installation of smart valves in each residences with automation water shut off mechanism and water usage monitoring system.

Procedures implemented by the Director of Student Affairs Division.

The Director of Student Affairs will contact Hall Wardens to operationalize plan per residence.

1. Ensure that the Hall Wardens, Wardens and Students are aware of this plan.
2. Disseminate all information pertaining to the restricted water supply to the residence staff and students.
3. Regular meetings with student collective within the various affected halls.

Procedures implemented by Hall Wardens, Wardens, Sub-Wardens and Environmental reps.

1. Inform all students within the residences, of the *Restricted Water Supply Campus Plan*.
2. Ensure that posters and stickers containing important information be placed in all residences.
3. Apply water conservation priorities in the residence namely;
 - Inform students that smart water meters will be installed in each residence with an automated water shut off mechanism and water usage monitoring system. Once quota for each residence has been used up, the smart water meter will automatically turn of water supply to the residence.
 - **Drinking water:** each student will be issued with water bottles. Ensure that water is dispensed from the Khaki coloured water tanks that are labelled (MUNICIPAL -DRINKING WATER) placed outside each dining hall. Students to be reminded to fill their allocated water bottles from these tanks and to top up when required.
 - Dining halls will **not** be providing bottled water.
 - Students to use water very sparingly. (No more that 50lt/day for Drinking, Showering, Ablutions and Laundry)
 - Students to collect water whilst showering and decant into the allocated grey water containers in their bathrooms. (Students to stand in the allocated basins whilst showering) Do not extend your shower over the 10lt mark on your shower basins.
 - Flush toilets **ONLY** with water collected from grey water containers (filled with shower water) – use allocated buckets to decant from water containers.

- Do not flush the toilets after each urination. Monitor the paper level in the toilet bowl, to ensure that there isn't dry paper in the bowl. Use your discretion. *"If its yellow let it mellow, if it's brown flush it down."*
- Do not take baths – take a 2-minute shower instead.
- Re-use towels.
- Restrict laundry to only one load per week.
- Partner up with a laundry buddy and share one washing machine to ensure that there is a full load of washing.
- Lock down laundry facilities
- Lock down allocated bathrooms and toilets.

How to shower in 2 minutes and collect water.

- Place allocated shower basin under the shower.
- Remove clothing and step into basin.
- Turn shower on and wet hair and body.
- Turn shower off and soap hair and body.
- Turn shower on and rinse soap of hair and body.
- Carry the shower basins to the allocated grey water containers and pour your used shower water into these containers.
- Do not extend your shower over the 10lt mark on your shower basins.
- Do NOT urinate in the shower.

Flush toilets with water collected from the shower.

- Do not flush the toilets after each urination. Monitor the paper level in the toilet bowl, to ensure that there isn't dry paper in the bowl. Use your discretion. *"If its yellow let it mellow, if it's brown flush it down."*
- Use the buckets provided in each bathroom.
- Collect water from the allocated grey water containers in your bathrooms.
- Once you have finished with your ablutions, flush the toilet only if there is faecal matter, or if there is too much paper in the toilet bowl.
- Please take note that water in the allocated grey water containers is safe for flushing the toilets and will be treated daily with bleach.

Notice a water leak at Rhodes University?
Please report it immediately to CPU / 046-603-8147