

TRAINING OUR LAB TECH & LAB LIFE

MSQ - FIELD TRIAL PART 2 THE LAST TWO WEEKS

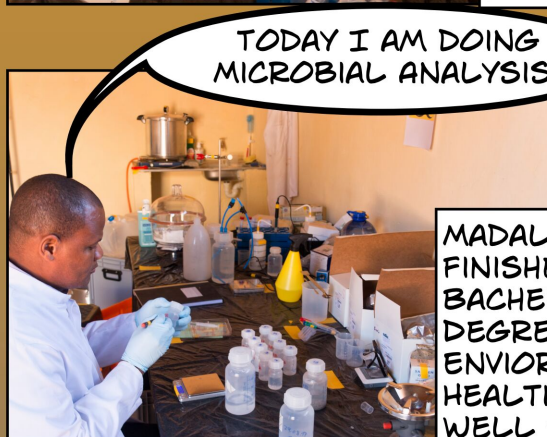


WITH CADDISFLY YOU CAN ANALYSE TEST STRIPS



THE LAST TWO WEEKS WE ARE TRAINING MADALITSO.

HE WILL CONTINUE THE WORK IN THE LAB AFTER WE LEAVE



TODAY I AM DOING MICROBIAL ANALYSIS

MADALITSO FINISHED HIS BACHELOR'S DEGREE IN ENVIORNMENTAL HEALTH. HE IS WELL SUITED TO OPERATE THE LAB



CHRIS AND MADA COUNTING COLONY FORMING UNITS



I AM TAKING PICUTRES OF THE NUTRIENT PLATES. AFTERWARDS WE COUNT THEM USING A LAPTOP



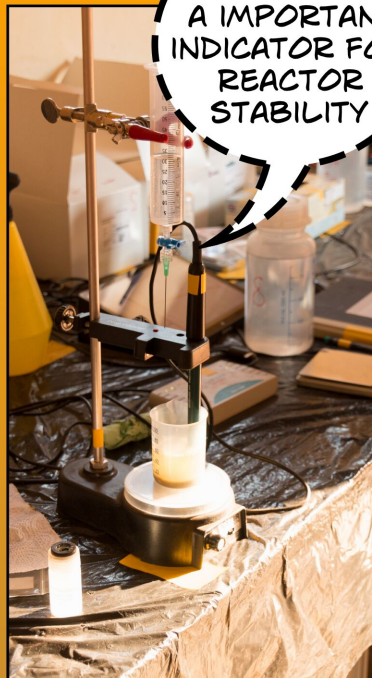


MANGOICH MARKET ABR WAS CONSTRUCTED BY WASTE

WOW! THIS REACTOR TREATS THE FAECAL SLUDGE OF 500 PEOPLE



IT WAS PLANNED FOR 250 PEOPLE. MORE ARE USING IT. THUS, WE ARE CHECKING THE PERFORMANCE.



THE VFA/ALK IS A IMPORTANT INDICATOR FOR REACTOR STABILITY

MANGOICH WAS THE DESTINATION FOR A WEEKEND FIELD TRIP. THERE WE SAMPLED THE MARKET ABR

THE RESIDUAL BIOGAS POTENTIAL GIVES AN INDICATION ON THE EFFICIENCY OF THE TREATMENT. IN THE FIELD LAB WE USE AN ADAPTED CAMPING HEATING BOX FOR THIS TEST.



WITH ME YOU CAN MEASURE THE BIOGAS COMPOSITION



WITH THE DISPLACEMENT BOTTLE WE MEASURE THE PRODUCED GAS VOLUME

MANGOICHI MARKET ANAEROBIC BAFFLED REACTOR (ABR) & ANALYTICS

I AM EXPLAINING WHY BLANTYRE IS A GOOD TESTING GOURND FOR THE LAB

IT REALLY FITS ON A PICK UP TRUCK. I WASN'T SURE.

TOGETHER WITH WASTE AND CUBE COMMUNICATIONS WE WOKRED ON A VLOG AND PROMOTION VIEDO FOR THE LAB



HANDOVER OF THE FIELD LAB TO WASTE. THEY WILL OPERATE IT UNTIL THE END OF THE PROJECT



PROMOTION VIDEO AND HAND OVER

A BIG SHOUT OUT TO THE MSQ FIELD TRIAL CREW!

THX TO THEIR HELP IT WORKED!

ONE MONTH LATER: BACK AGAIN @ VIENNA INTL. AIRPORT. A BIT TIRED AFTER A RED EYE FLIGHT



LAST SUPPER IN BLANTYRE

