

**TYPICAL PHOTOS OF WATER TREATMENT AND PROCESS TECHNOLOGY PROJECTS BY MACJAMES**



Treated water sample and onsite tested pH value

**ALCON NIGERIA LIMITED WATER TREATMENT PLANT AT ANOH GAS PLANT BASE, ASSA NORTH, OHAJI, IMO STATE. DESIGN, SUPPLY OF EQUIPMENT AND INSTALLATION BY MACJAMES GLOBAL RESOURCES LIMITED.**



**GREEN ENERGY INTERNATIONAL LIMITED/LEKOIL WATER TREATMENT PLANT (WTP) DESIGNED AND INSTALLED AT OTAKIKPO OILFIELD, ANDONI RIVERS STATE, NIGERIA BY MACJAMES.**



**PHOTOS OF CENTRAL BANK OF NIGERIA; CALABAR BRANCH WATER FACILITY REDESIGN, REHABILITATION AND MAINTENANCE BY MACJAMES IN PARTNERSHIP WITH REAL-REPHIL SOLUTIONS LIMITED**



**MACJAMES WATER TREATMENT AND PROCESS TECHNOLOGY**



**DURING CENTRAL BANK OF NIGERIA, UYO BRANCH WATER FACILITY MAINTENANCE AND WATER TREATMENT, CARRIED OUT BY MACJAMES IN PARTNERSHIP WITH REAL-REPHIL SOLUTIONS LIMITED.**



**DURING ALAOJI POWER PLANT-NATIONAL INTEGRATED POWER PROJECT (NIPP), IN ABA, ABIA STATE, DRINKING WATER TREATMENT FACILITY MONITORING, RAW AND TREATED WATER QUALITY INVESTIGATION/ANALYSIS AND TREATMENT SPECIFICATIONS FOR REMEDIATION, CARRIED OUT BY MACJAMES WATER TECHNOLOGY.**



**SeWa WEST AFRICA LIMITED FACTORY AND OPERATIONAL BASE DRINKING WATER TREATMENT PLANT REHABILITATION, RAW WATER HOLDING TANK ANTI-CORROSION TREATMENT, WATER QUALITY CHECK, AND DRINKING WATER TREATMENT, IN BOROKIRI, PORT HARCOURT, NIGERIA, CARRIED OUT BY MACJAMES WATER TECHNOLOGY.**



**DURING OSUN STATE POLYTECHNIC, IREE, OSUN STATE, NIGERIA; SIX BOREHOLES RAW WATER QUALITY INVESTIGATION; SAMPLE COLLECTION AND ANALYSIS; CLEANING/WASHING, DISINFECTION AND FLUSHING OF WATER STORAGE TANKS AND PIPELINE DISTRIBUTION NETWORK AND TREATMENT PRESCRIPTION/REMEDiation BY MACJAMES.**



**REDESIGN AND INSTALLATION BOREHOLE WATER TREATMENT PLANT OF BRISTOW HELICOPTERS LTD PORT HARCOURT, RIVERS STATE, NIGERIA BY MACJAMES**



**MACJAMES FACTORY WATER TREATMENT PLANT DESIGNED AND INSTALLED BY MACJAMES TO DE-IONIZE, DISINFECT, PURIFY, ADJUST PH AND PERFORM MULTIMEDIA AND MICRON FILTRATIONS**



**RESIDENTIAL WATER TREATMENT PLANT AT PEARL GARDEN ESTATE, ENKA, PORT HARCOURT. DESIGN, SUPPLY OF EQUIPMENT AND INSTALLATION BY MACJAMES 2023.**



**POTABLE WATER TREATMENT PLANT DESIGN, SUPPLY OF EQUIPMENT AND INSTALLATION AT NIMASA GUEST HOUSE HARBOUR ROAD, PORT HARCOURT BY MACJAMES 2023**



**SaferEx - Multi-action Water Purifier used in treatment and recovery of safe water from muddy, heavy metal and pathogen infested raw borehole water from Okposi Town, Oshosara L.G.A, Eboymi State, Nigeria (in situ treatment).**  
1. Raw and heavily contaminated borehole water from Okposi town, Eboymi State, Nigeria.  
2. Raw water after treatment with SaferEx Multi-action Water Purifier with sediments (1-2hr)  
3. Purified water in a cup after SaferEx treatment and decantation (>80% of safe water recovered)



**SaferEx USED TO REMOVE IRON AND MANGANESE FROM RAW BOREHOLE WATER**  
Raw borehole water at Oyiabo town, Rivers State, Nigeria analyzed to contain high Iron and Manganese but remains clear in appearance. (Collected from a water packaging factory).  
1. Raw borehole water analyzed to contain Iron and Manganese but clear in appearance.  
2. Raw borehole water after adding 5ml SaferEx -Multi-action Water Purifier (after <10 minutes).  
3. Borehole water with Iron and Manganese sedimented after treatment with SaferEx to remove Iron and Manganese.



**Typical household borehole unsafe salt water analyzed and contains pathogens, metals and salts.**  
A - Before treatment with SaferEx -Water Purifier.  
B - After treatment with SaferEx - Water Purifier with sediments; rid of pathogens, salts and unwanted metals (2-6 hours later).



**SaferEx in situ treatment of household borehole water from LEKKI, Lagos State, Nigeria analyzed and contains pathogens, metals and salts.**  
A -Before treatment with SaferEx  
B -After treatment with SaferEx with sediments; rid of pathogens, salts and unwanted metals prior to filtration (after <45 minutes).

**PHOTOS OF SaferEx - MULTI**

**ACTION WATER PURIFIER BEING USED BY PURIFY UNSAFE WATER FROM DIFFERENT SOURCES AND LOCATIONS IN NIGERIA. SaferEx IS AN INVENTED CHEMISTRY AND AN INNOVATION FROM MACJAMES.**