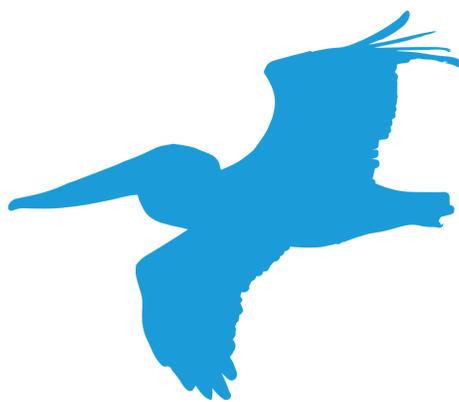


RECHARGE MOBILE UNIT

THIS MULTI-PURPOSE TRAILER TRANSPORTS BARRELS AND SUPPLIES FOR RAINWATER HARVESTING AND ALSO SERVES AS A MOBILE CLASSROOM.

RECHARGE NOLA OFFERS COMMUNITY ENGAGEMENT OPPORTUNITIES AROUND GREEN INFRASTRUCTURE. ALONG WITH HOSTING RAIN BARREL WORKSHOPS AND PROVIDING TRAINING FOR INDIVIDUALS AND ORGANIZATIONS, WE SELL, PAINT, INSTALL, AND MAINTAIN RAIN BARRELS IN PARTNERSHIP WITH COMMUNITY-BASED ORGANIZATIONS IN ORDER TO PROLIFERATE THE PROGRAM AND GENERATE SMALL REVENUE STREAMS TO SUPPORT COMMUNITY-DRIVEN DEVELOPMENT.

OUR MISSION IS TO PROMOTE CITYWIDE RAINWATER HARVESTING THROUGH SELF-SUSTAINING SOCIAL ENTERPRISE NETWORKS THAT ACT TO STRENGTHEN NEIGHBORHOOD TIES, INCREASE COMMUNITY CAPACITY, AND INSPIRE CIVIC AND ECOLOGICAL RESPONSIBILITY.



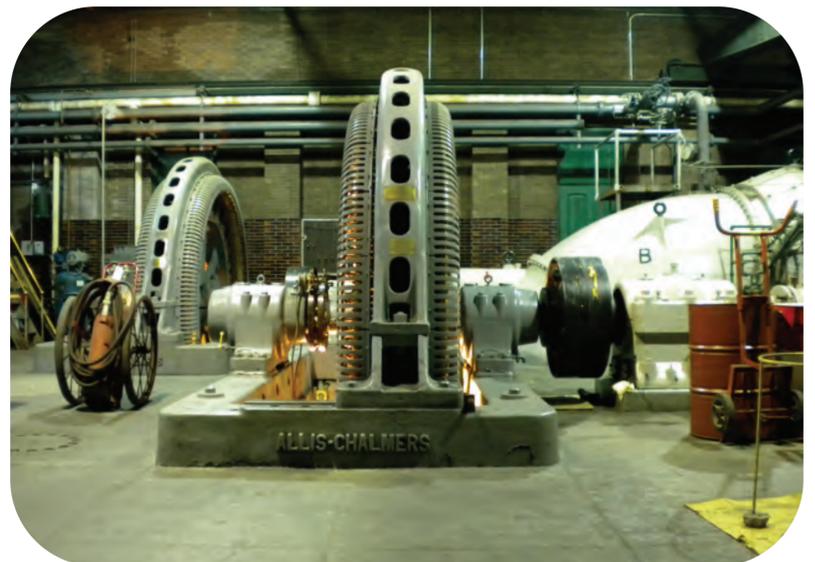
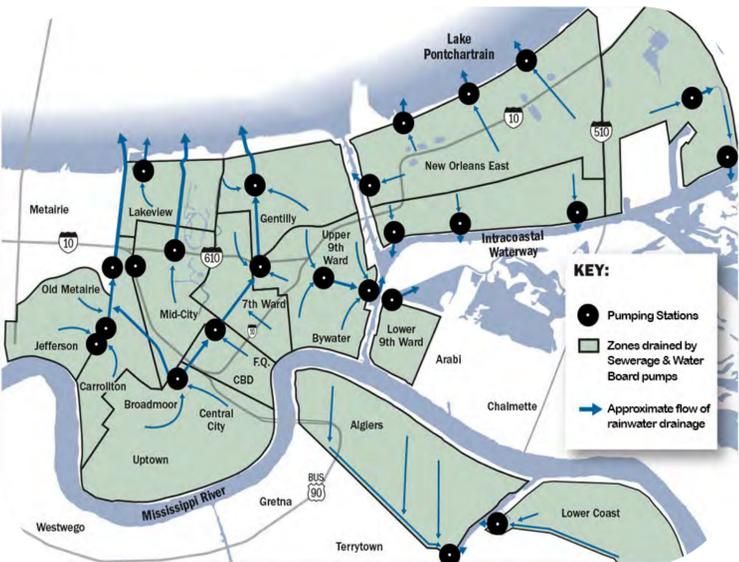
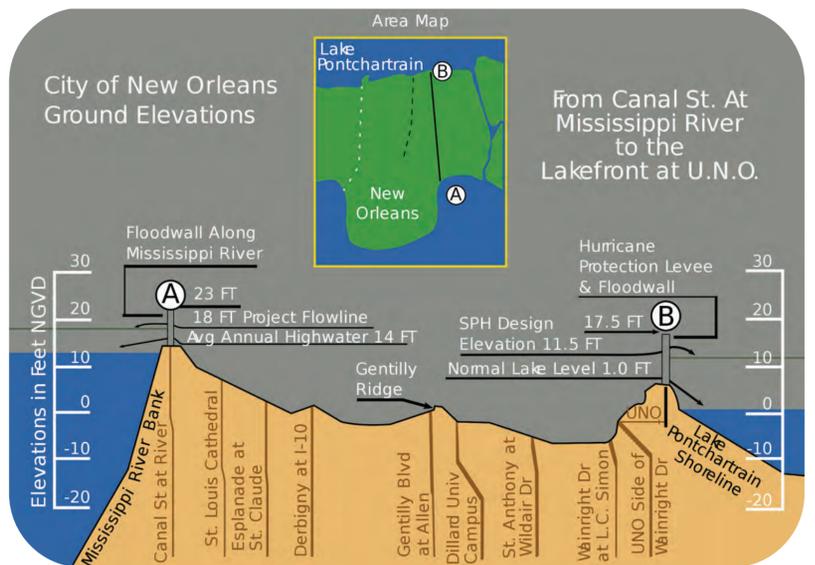
RECHARGE
NOLA

WHERE IS YOUR WATERSHED?

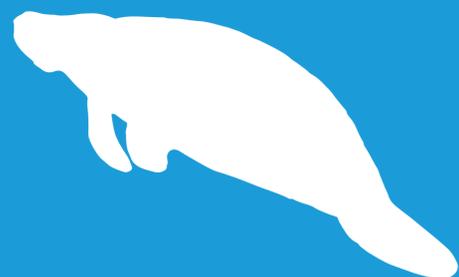
A WATERSHED IS THE AREA OF LAND WHERE ALL THE WATER THAT IS UNDER IT OR DRAINS OFF IT GATHERS IN THE SAME PLACE AT THE LOWEST POINT.



NEW ORLEANS' WATERSHED IS CALLED THE LAKE PONTCHARTRAIN BASIN, WHICH IS LOCATED WITHIN THE LARGER MISSISSIPPI RIVER WATERSHED.



RECHARGE
NOLA



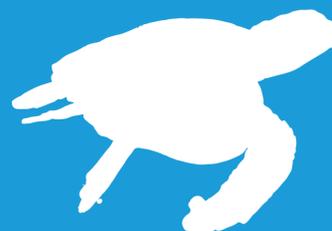
THE WATER CYCLE

THE WATER CYCLE INCLUDES THE FOLLOWING ELEMENTS: EVAPORATION, CONDENSATION, PRECIPITATION, INFILTRATION, SURFACE RUNOFF, AND SUBSURFACE FLOW. WATER MOVES THROUGH THE SKY, SOILS, TREES AND PLANTS, RIVERS, STREAMS AND AQUIFERS.

THE URBAN ENVIRONMENT DISRUPTS THE NATURAL WATER CYCLE. EXCESSIVE PAVING AND FEWER TREES AND PLANTS LEAD TO STORMWATER RUNOFF AND REDUCED INFILTRATION. LESS RAINWATER IS RETURNED TO THE NATURAL ENVIRONMENT.



RECHARGE
NOLA



WHAT IS GREEN INFRASTRUCTURE?

GREEN INFRASTRUCTURE USES NATURE-BASED, RELATIVELY INEXPENSIVE LANDSCAPE SYSTEMS TO MANAGE RAINWATER AND IMPROVE DRAINAGE. INSTALLING GREEN INFRASTRUCTURE ENABLES US TO DO TWO THINGS:

1) WE CAN CAPTURE AND DETAIN RAINWATER BEFORE IT HITS THE MUNICIPAL DRAINAGE SYSTEM, THUS TAKING PRESSURE OFF OUR "GRAY INFRASTRUCTURE"—MEANING PIPES AND PUMPS

2) WE CAN MANAGE RAINWATER FLOW, ALLOWING RAIN TO PERCOLATE SLOWLY INTO THE SOIL TO RECHARGE OUR GROUNDWATER AND HELP FILTER POLLUTANTS.



RECHARGE
NOLA

BENEFITS OF COLLECTING RAINWATER

ALTHOUGH RAINWATER CANNOT BE USED FOR DRINKING, BY COLLECTING IT YOU PERSONALLY RECEIVE THE FOLLOWING BENEFITS:

- FREE NON-POTABLE WATER SUPPLY WITH FEW ADDED CHEMICALS, SUCH AS CHLORINE, SALT, AND CALCIUM CARBONATES.
- QUALITY WATER FOR PLANTS AND SOIL MICROBES
- A SOURCE OF WATER FOR WILDLIFE
- REDUCED WATER BILLS
- IN TIMES OF DROUGHT, OR MUNICIPAL SYSTEM SHUTDOWN, IT ACTS AS YOUR OWN WATER SOURCE

GENERAL BENEFITS OF STORMWATER MANAGEMENT:

- HELPS RECHARGE THE SOIL, MITIGATE SUBSIDENCE
- HELPS REDUCE STORMWATER RUNOFF, REDUCES FLOODING
- REDUCES ENERGY-INTENSIVE DEMAND ON WATER TREATMENT PLANTS
- HELPS CLEAN RUNOFF POLLUTANTS, LEADING TO A CLEANER LAKE PONTCHARTRAIN



HOW CAN I USE THE RAINWATER?

DO NOT DRINK RAINWATER FROM YOUR BARREL. RAINWATER CAN BE USED TO REPLENISH (RECHARGE) GROUNDWATER, WATER YOUR HOUSE PLANTS, CLEAN YOUR TOOLS, RINSE YOUR RECYCLABLES, OR WASH YOUR CAR.

RECHARGE
NOLA



RAIN BARREL SAFETY

RAIN BARREL MOSQUITO PREVENTION

MOSQUITOES NEED WATER TO COMPLETE THEIR LIFECYCLE. MOSQUITO EGGS CAN GROW INTO ADULT MOSQUITOES IN AS LITTLE AS FOUR DAYS. FOR THIS REASON, RAIN BARRELS SHOULD NEVER HAVE EXPOSED STANDING RAINWATER. ALL HOLES MUST BE COVERED WITH MOSQUITO SCREEN.



RECHARGE
NOLA

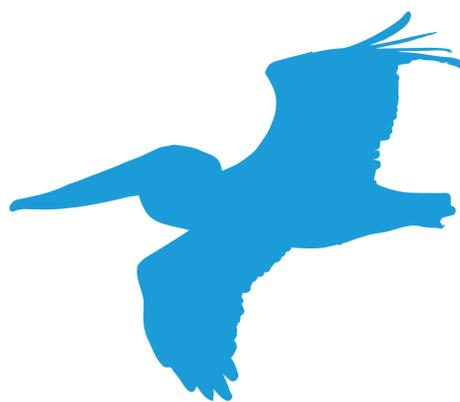


RECHARGE MOBILE UNIT

THIS MULTI-PURPOSE TRAILER TRANSPORTS BARRELS AND SUPPLIES FOR RAINWATER HARVESTING AND ALSO SERVES AS A MOBILE CLASSROOM.

RECHARGE NOLA OFFERS COMMUNITY ENGAGEMENT OPPORTUNITIES AROUND GREEN INFRASTRUCTURE. ALONG WITH HOSTING RAIN BARREL WORKSHOPS AND PROVIDING TRAINING FOR INDIVIDUALS AND ORGANIZATIONS, WE SELL, PAINT, INSTALL, AND MAINTAIN RAIN BARRELS IN PARTNERSHIP WITH COMMUNITY-BASED ORGANIZATIONS IN ORDER TO PROLIFERATE THE PROGRAM AND GENERATE SMALL REVENUE STREAMS TO SUPPORT COMMUNITY-DRIVEN DEVELOPMENT.

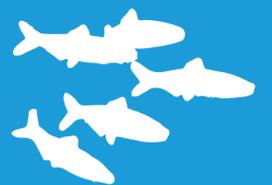
OUR MISSION IS TO PROMOTE CITYWIDE RAINWATER HARVESTING THROUGH SELF-SUSTAINING SOCIAL ENTERPRISE NETWORKS THAT ACT TO STRENGTHEN NEIGHBORHOOD TIES, INCREASE COMMUNITY CAPACITY, AND INSPIRE CIVIC AND ECOLOGICAL RESPONSIBILITY.



RECHARGE
NOLA

RAIN BARREL INSTALLATION

THE RAIN BARREL WILL BE POSITIONED BENEATH A MODIFIED DOWNSPOUT. A BARREL WORKS BEST IF IT IS ELEVATED, SINCE WATER FLOW RELIES ON GRAVITY: THE HIGHER THE BARREL, THE GREATER THE WATER PRESSURE. A STURDY BASE OR PEDESTAL IS ESSENTIAL, AND IT MUST BE LEVEL, LEVEL, LEVEL.



RAIN BARREL OUTLET

WHEN USED WITH A SPIGOT, THE OUTLET ALLOWS REGULATED ACCESS TO STORED RAINWATER. FOR IT TO FUNCTION AS A RAINWATER MANAGEMENT TOOL, THE BARREL MUST BE EMPTIED REGULARLY IN ORDER TO MAKE ROOM FOR THE RAINWATER DURING THE NEXT RAINFALL EVENT.



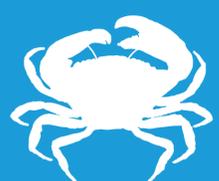
RECHARGE
NOLA

RAIN BARREL INLET

THE INLET IS THE SCREENED OPENING AT THE TOP OF THE BARREL THAT ALLOWS RAINWATER IN AND KEEPS MOSQUITOES AND DEBRIS OUT.



RECHARGE
NOLA



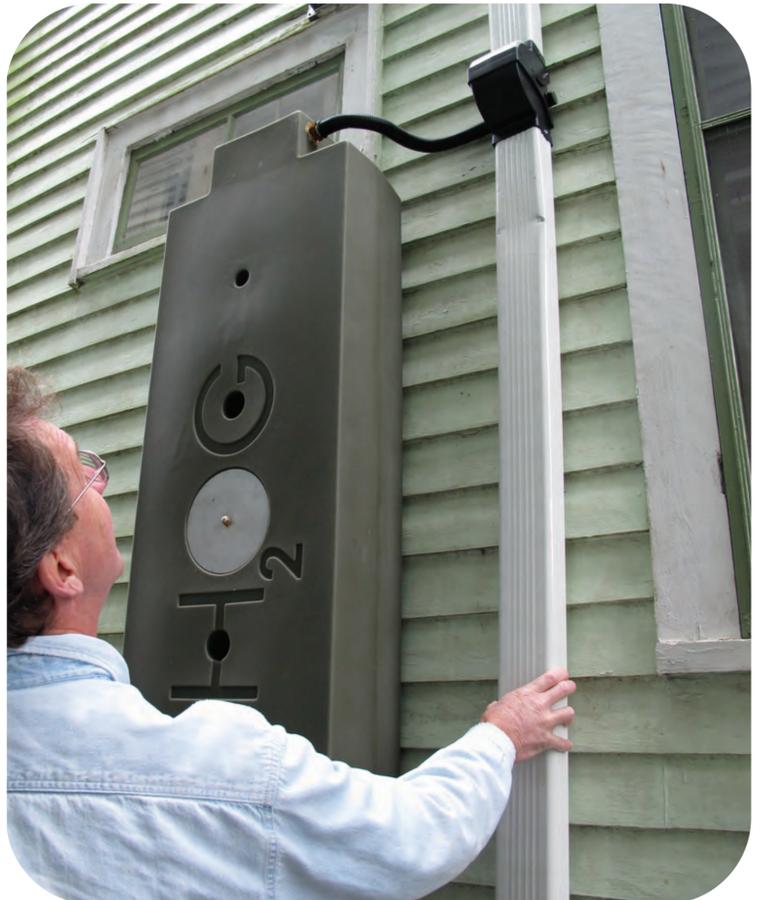
RAIN BARREL OVERFLOW

THE OVERFLOW, STRATEGICALLY PLACED AN INCH BELOW THE SCREENED INLET, IS CONNECTED TO AN ELBOW AND PIPE. THIS ALLOWS EXCESS RAINWATER TO EXIT THE BARREL AND BE DIRECTED AWAY FROM THE HOME FOUNDATION. A SCREEN AT THE OVERFLOW PREVENTS MOSQUITOS FROM GETTING INTO THE BARREL.



RECHARGE
NOLA

RAINWATER HARVESTING AROUND TOWN



RECHARGE
NOLA

