

PROJECT TITLE: Real-Time River Water Quality Monitoring and Control System

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Code:

```
from gpiozero import Button, TrafficLights, Buzzer
from time import sleep
```

```
buzzer = Buzzer(15)
button = Button(21)
# pin configurations for Traffic Lights (Red,Green,Amber)
lights = TrafficLights(25, 8, 7)
```

```
# iterate the loop statements.
while True:
    button.wait_for_press()
    buzzer.on()
    light.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
    buzzer.off()
```