WASTE SEGREGATOR CODE:

#include <Servo.h>

int moisturePin = A0;

int irPin = 2;

int servoPin = 3;

Servo segregatorServo;

int servoPosition = 0;

void setup()

{ pinMode(irPin, INPUT);

pinMode(moisturePin, INPUT);

segregatorServo.attach(servoPin);

}

void loop()

{ int moistureValue = analogRead(moisturePin);

int irValue = digitalRead(irPin);

if (moistureValue > 500)

{ // Wet waste servoPosition = 0; }

else if (irValue == LOW)

{ // Dry waste servo Position = 90; }

segregatorServo.write(servoPosition);

delay(1000);

}