

mecklenburg county

ENVIRONMENTAL SUSTAINABILITY REPORT

fiscal year 2014



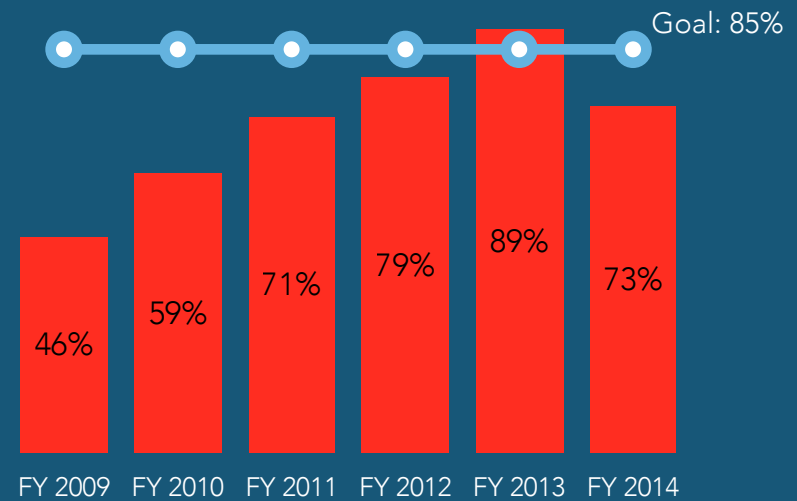
The (Triple) Bottom Line:

Major Operational Improvements, but Stalled Employee Engagement

In Fiscal Year 2014, Mecklenburg County successfully reduced both electrical and fuel use, began resetting the recycling baseline based on a new internal waste reduction & recycling policy, and continued to follow environmentally preferable purchasing habits. The County did stall on employee engagement with fewer mass transit riders, environmental volunteering, and environmental education participation. Reflecting this result, only 24% of County Departments achieved a "Green Light" (which signals that they hit 85% or more of their departmental goals) on their Environmental Action Plans.

Overall, these results are reflected in Mecklenburg County's Environmental Leadership Index score of 73%. The goal each year is to have 85% of its operations performed in a manner that conserves and protects the County's air, water and land resources.

Environmental Leadership Index



● Target
■ Result

The Environmental Leadership Index is the overall measure that the County uses to assess its performance.

ENVIRONMENTAL LEADERSHIP INDEX SCORE

73%

WHICH REFLECTS

AIR EMISSION REDUCTION

 **2.1%** ENERGY REDUCTION
from 2012 baseline

NO_x EMISSIONS FROM FLEET REDUCED **44%**
from 2009 baseline



The County's non-road vehicles account for 85% of its fleet emissions.

RESOURCE CONSERVATION

RESET RECYCLING BASELINE BASED ON A NEW COMPREHENSIVE **INTERNAL RECYCLING POLICY**

53% OF OFFICE SUPPLY PURCHASES MET SPECIFIC ENVIRONMENTAL STANDARDS set in the County's Environmentally Preferable Purchasing Guide

UNMET GOAL:

Acquire **460 acres** for parks, nature preserves, greenways, and watershed protection (**ACTUAL: 321 ACRES**)

ENVIRONMENTAL LEADERSHIP INDEX SCORE **73%**

WHICH
REFLECTS

COMMITMENT

UNMET GOALS:

2,800 HOURS of employee participation in mass-transit, carpooling, telecommuting, and environmental volunteering & education
(ACTUAL: 1,372 HOURS)

85% of County Departments reaching a "Green Light" on their departmental action plans
(ACTUAL: 24% OF DEPARTMENTS)

STEWARDSHIP ENHANCEMENT

INVESTIGATION OF **3 NEW** INNOVATIVE PRACTICES

- SMART IRRIGATION IN 11 PARKS
- ELECTRIC VEHICLE CHARGING STATION AT HAL MARSHALL
- BATTERY-POWERED LANDSCAPE EQUIPMENT

UNMET GOAL:

Complete **1** continuous improvement project (ACTUAL: 0 PROJECTS)