



# Wicomico County, Maryland

## OFFICE OF THE INTERNAL AUDITOR

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April 13, 2016

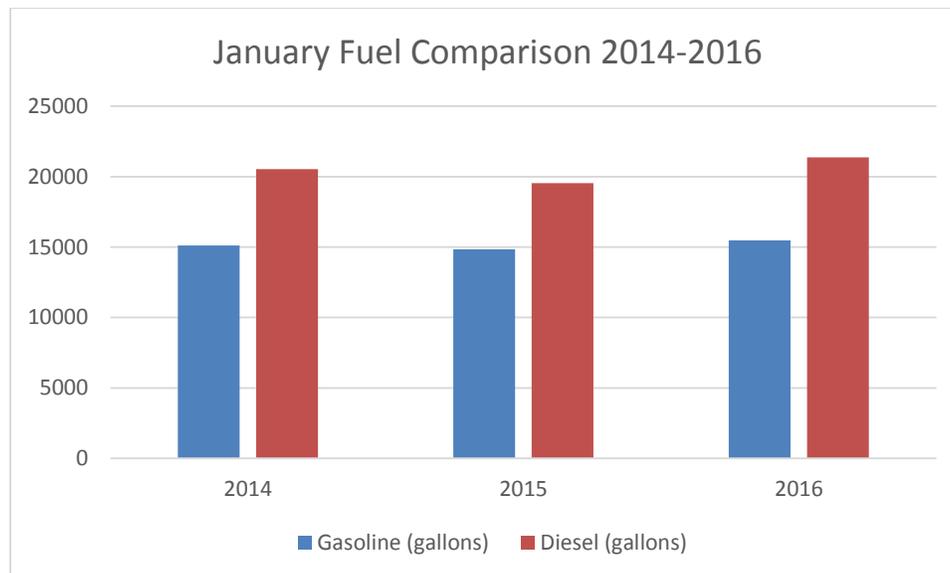
## Internal Auditor's Report

### Background

The Office of the Internal Auditor (IA) performed a scheduled follow-up for the Fuel Inventory Audit (report dated December 10, 2014)<sup>1</sup>. The current inquiry focused on AIM II<sup>2</sup> compliance and countywide fuel usage for January.

### January Usage

Analysis of January usage for 2014 to 2016 is as follows:



According to the Fuelmaster, the slight January 2016 increase in the use of diesel fuel was due to new equipment purchases FY 2016. No other trending is evident.

### AIM II Compliance

According to the database, AIM II compliance breakout for March 26, 2016 is as follows:

<sup>1</sup> Please see follow-up Memo dated November 25, 2015 for additional information

<sup>2</sup> An AIM II unit is an electronic device that allows a vehicle to communicate with fueling pumps known locally as "fuel rings" referring to the visible electronic ring component attached to the vehicle's fuel intake port

Vehicles with no Aim Unit	26
Emergency prokeys for use when AIM is not working	26
Record enabled - not programed	45
Installed and programmed	360
Updates pending	21
Equipment/other agencies (prokeys assigned)	212

Unfortunately, 360 Aim II units “installed and programed” does not relate to the current effectiveness of the program. Roads division and numerous other users (including Solid Waste and the Sheriff’s Office) express frustration with the Aim II units’ unreliability. That is, the units are prone to frequent failure. The problem forced the creation of 26 “emergency” prokeys at Roads Division for use during periods of system failure. Current complaints related to our Fuelmaster system by numerous departments center around the following points:

- Support analysis requires copious amounts of time
- The nearest repair service is in Chesapeake Virginia
- Many offered solutions do not work
- We have numerous complicated electrical issues

IA attended a meeting among several county fuel system stakeholders with the Atlantic Regional Manager and a Syntech Systems<sup>3</sup> Technical Consultant on March 22, 2016. The company representatives offered to send an engineer to Wicomico County in effort to evaluate the problems discussed. IA will follow up on the result of their investigative analysis. Additionally, the County is in the process of evaluating alternatives to Fuelmaster.

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<sup>3</sup> Syntech Systems, Inc. is the manufacturer of Fuelmaster