

**TOWN OF TEWKSBURY**

**FUEL EFFICIENT VEHICLE POLICY**

Effective Date	May 24, 2011
Revisions	
Approval Date	May 24, 2011
Effective Date	May 24, 2011

**POLICY STATEMENT**

In an effort to reduce the Town of Tewksbury's fuel consumption and energy costs, the Tewksbury Board of Selectmen hereby adopts the Tewksbury Fuel Efficiency Vehicle Policy which will result in reduced fuel consumption, energy costs and carbon emissions. Under the policy, all Town of Tewksbury's department and divisions shall purchase Fuel Efficient Vehicles when they are available and financially viable and meet the operational needs of the Town.

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**APPLICABILITY**

This policy applies to all Town of Tewksbury vehicles with the noted exemptions below.

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**GUIDELINES**

The Town of Tewksbury will maintain an annual vehicle inventory for non-exempt vehicles and a plan for replacing these vehicles with vehicles that meet, at a minimum, the fuel efficiency ratings contained in the most recent guidance for Criteria 4 published by the MA Department of Energy Resources' Green Communities Division. The fuel efficiency ratings contained therein are based on the most recently published US Environmental Protection Agency combined city and highway MPG ratings for vehicles. The Green Communities' Guidance for Criteria 4 must be checked for updates prior to ordering new vehicles.

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## INVENTORY

The Tewksbury Department of Public Works will maintain a vehicle inventory list for non-exempt vehicles, updated on an annual basis, and shall develop a plan for replacing these vehicles with vehicles that meet the minimum combined MPG requirements of the Green Communities Program.

See Appendix for current inventory.

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## FUEL EFFICIENT VEHICLE REPLACEMENT PLAN

The Town of Tewksbury, under this policy, will develop a fifteen year plan to replace non-exempt vehicles with fuel efficient vehicles as these vehicles are removed from service. The annual Capital Budget is the process that will be used to replace vehicles, and set goals for when the existing fleet will be replaced.

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## QUESTIONS / ENFORCEMENT

All other inquiries should be directed to the Tewksbury Superintendent of Public Works as the party responsible for fleet management and/or fleet procurement. This policy is enforced by the Tewksbury Town Manager.

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## DEFINITIONS

**Combined city and highway MPG (EPA Combined fuel economy):** Combined Fuel Economy means the fuel economy from driving a combination of 43% city and 57% highway miles as is calculated as follows:  $=1/((0.43/City\ MPG)+(0.57/highway\ MPG))$

**Drive System:** The manner in which mechanical power is directly transmitted from the drive shaft to the wheels. The following codes are used in the drive field:

- AWD = All Wheel Drive: four-wheel drive automatically controlled by the vehicle powertrain system
- 4WD = 4-Wheel Drive: driver selectable four-wheel drive with 2-wheel drive option
- 2WD = 2-Wheel Drive
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**Heavy-duty vehicle:** A vehicle with a manufacturer's gross vehicle weight rating (GVWR) of more than 8,500 pounds. By definition, all trucks over ½ ton are exempt from this policy.

### **Vehicle Exemptions:**

- Heavy-duty vehicles such as fire-trucks, ambulances, and some public works trucks that meet the definition of Heavy-duty vehicle
- Police cruisers, passenger vans and cargo vans are exempt from this criterion as fuel efficient models are not currently available. However, we commit to purchasing fuel efficient police cruisers, passenger vans and cargo vans when they become commercially available. Police and fire department administrative vehicles are not exempt and must meet fuel efficient requirements.

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### **RELATED INFORMATION:**

*United States Environmental Protection Agency, Green Vehicle Guide*

- <http://tiny.cc/greenEPA>

*Massachusetts Department of Energy Resources, Green Communities Program*

- Green Communities Criteria: <http://tiny.cc/criteria>
- List of Fuel Efficient Vehicles: <http://tiny.cc/vehicles>
- Fuel Efficient comparisons: <http://fueleconomy.gov/>

Town Tewksbury  
Fuel Efficient Vehicle Policy

Non-exempt Vehicle Inventory

MAKE & MODEL	YEAR	YEAR PURCHASED	EPAMPG	GREEN MPG LIMIT	MEETS GREEN LIMIT	ANNUAL MILES	ANNUAL FUEL	CURRENT MILES	PLANNED REPLACEMENT
Ford Windstar # 3	2002	2002	23	29	No	4187.25	272.43	33,338	FY 2014
Ford Crown Vics # 13	2000	2002	21	29	No	10102.3	213,131	101,023	FY 2011
Ford Crown Vics # 31	1998	2006	21	29	No	9052	637,777	106,624	FY 2011
Ford Crown Vics # 83	1999	2002	22	29	No	12,707	151,366	139,780	FY 2011
Dodge Dakota # 12	2000	2000	21	20	Yes	7888.9	449,339	78,889	FY 2014
Ford Econovan A/C 1	2002	2002	19	20	No	13,827.38	683,947	110,519	FY 2012
Ford Crown Vics #24	2006	2006				18216.5		115,299	
Ford Crown Vics #28	2008	2008				35,000		105,000	
Ford Crown Vics #29	2008	2008				36835.333		109,906	



**OFFICE OF THE TOWN MANAGER**  
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**RICHARD A. MONTUORI**  
TOWN MANAGER

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To: Anne-Marie Stronach, Chair  
Tewksbury Green Committee

From: Richard Montuori, Town Manager *(Signature)*

Date: June 7, 2011

Re: Fuel Efficient Vehicle Policy

I am pleased to inform you that on May 24, 2011, The Tewksbury Board of Selectmen voted unanimously to adopt the Fuel Efficient Vehicle Policy.

cc: Tewksbury School Committee  
Tewksbury Board of Selectmen