

Welcome to the
Town of Germantown
SETTLED 1710

2021 FLEET INVENTORY

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Town of Germantown, NY

Matthew Mercier & Jan Borchert, Germantown CSC Taskforce

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Fleet Inventory

Introduction

In January of 2021, the Town of Germantown appointed a dozen residents to the Climate Smart Communities Task Force. The Climate Smart Communities (CSC) program encourages local governments around New York State to commit to completing and documenting a suite of actions that mitigate and adapt to climate change at the local level – that means right here in Germantown.

The purpose of the Fleet Inventory is to provide complete, accurate information about the vehicles the Town owns and operates. Such information provides a basis for making informed choices about municipal fleet management. By creating a fleet inventory and updating it on a regular basis, the Town can identify, for example, which vehicles are the least fuel-efficient and develop a plan to replace them with vehicles that serve the same function but are more efficient. The difference between 25 miles per gallon and 20 miles per gallon can amount to the prevention of 10 tons of carbon dioxide over a vehicle's lifetime, according to the US Environmental Protection Agency (EPA). In general, good fleet management improves efficiency, reduces greenhouse gas (GHG) emissions, and saves taxpayer money. A fleet inventory is the first step in realizing these benefits.

To be eligible for points under the Climate Smart Communities program, the Fleet Inventory must have been completed within the last two years. In addition, it must include every four-wheeled vehicle owned or operated by the Town (including leased vehicles).

In addition to creating a baseline fleet inventory, local governments must develop a set of procedures to ensure the inventory is updated periodically. This can be a simple set of instructions describing the protocols for when the inventory will be updated, how to do it, and who will do it.

Data collection for the Fleet Inventory commenced in the Spring of 2021 and continued through November 2021. It was compiled by Matthew Mercier and Jan Borchert, members of Germantown's CSC Committee, and with the assistance of Anthony Cidras, Deputy Highway Superintendent and Maintenance Supervisor of the Germantown Department of Public Works.

Fleet Inventory

The Fleet Inventory is split into three tables: Road Vehicles, Additional 4-Wheelers, and Mowers. Each of the tables provides information about the Model year, Year purchased, Make, Model, Drivetrain type (2-wheel, 4-wheel, or all-wheel drive), Type of fuel/power source, Miles per gallon (MPG), Mileage (odometer reading), Class: light-duty, medium-duty, or heavy-duty, Gross vehicle weight rating (GVWR) over 8,500 pounds (yes or no), Vehicle function, and the Department the vehicle is associated with.

Road Vehicles

	Ford F-350	Ford F150	1-Ton Ford Dump Truck	International 6-Wheel Dump Truck/Snow plow	International 10 Wheel Dump/Snow plow	Ford F250 Pick Up
Model year	2020	2005	2005	2022	2009	2012
Year purchased	2020	2010	2005	2021	2009	2012
Make	Ford	Ford	Ford	International	International	Ford
Model	350	150	550	7500	Workstar	250
Drivetrain type (2-wheel, 4-wheel, or all-wheel drive)	6.7. V8	4.6, L V-8	4 wheel	7.6L L6	200-300 HP	6.2 V8 4 wheel
Type of fuel/power source	Gas	Gas	Diesel	Diesel	Diesel	Gas
Miles per gallon (MPG)	8 to 20	12 to 16	14-20	9 to 12	9 to 12	12
Mileage (odometer reading)	1,845	120,000	75,088	1,000	45,601	45,771
Class: light-duty, medium-duty, or heavy-duty	Heavy	Light	Heavy	Heavy	Heavy	Light
Gross vehicle weight rating (GVWR) over 8,500 pounds: yes or no	Yes	No	No	Yes	Yes	Yes
Vehicle function	Gen Maint.	Trash, gen	General Maint.	snow	Plowing snow	Gen Maint.
Department the vehicle is associated with	DPW	DPW	DPW	DPW	DPW	DPW

Additional 4-Wheelers

	John Deere Gator	420F CAT Backhoe	John Deere Tractor	Bobcat Skid steer	Volvo Loader
Model year	2020	2013	2017	2016	2008
Year purchased	2020	2013	2017	2016	2008
Make	JD	CAT	JD	Bobcat	Volvo
Model	Gator XUV835 E	420F IT	5085 E	S630	L70 F
Drivetrain type (2-wheel, 4-wheel, or all-wheel drive)	3 cylinder	1400 Cylinder	4.5 Cylinder	74 HP	6 cylinder
Type of fuel/power source	Gas	Diesel	Diesel	Diesel	Diesel
Miles per gallon (MPG)	18-25	4	4	3 to 4	3 to 4
Mileage (odometer reading)	8 Hours	2,063 Hours	1,201 Hours	1,204 Hours	4,674 Hours
Class: light-duty, medium-duty, or heavy-duty	Light	Heavy	Heavy	Heavy	Heavy
Gross vehicle weight rating (GVWR) over 8,500 pounds: yes or no	No	Yes	No	No	Yes
Vehicle function	Gen Maint	Digging, Loading	Cutting Grass	Turning soil,	Loading
Department the vehicle is associated with	DPW	DPW	DPW	DPW	DPW

Mowers

	Mower 1	Mower 2	...	Mower 1	Mower 2
Model year	2001	2014	Miles per gallon (MPG) rating	1.4	1.4
Year purchased	2001	2014	Mileage (i.e., the odometer reading)	1,876 Hours	615 Hours
Make	SCAG	SCAG	Class: light-duty, medium-duty, or heavy-duty	Light	Light
Model	Turf Tiger	Turf Tiger	Gross vehicle weight rating (GVWR) over 8,500 pounds: yes or no	No	No
Drivetrain type (2-wheel, 4-wheel, or all-wheel drive)	V-Twin	V-Twin	Vehicle function	Lawn	Lawn
Type of fuel/power source	Gas	Gas	Department the vehicle is associated with	DPW	DPW

Updating the Fleet Inventory

The Fleet Inventory should be updated on a yearly basis. Early Spring is one of the best times to do the inventory, as it's between the snowplowing duties of winter and the summertime road work. We suggest the update to the Fleet Inventory to be performed by the Highway Superintendent and/or members of

his/her team. The update should be completed by the end of April and be presented at the next Town Board meeting following that date – likely mid-May.

The update procedure includes the following steps:

1. Visually inspect every vehicle operated by the Town of Germantown.
2. Make note, add, remove, and update the Fleet Inventory tables with the changed information.
3. Note the miles driven and hours operated of each vehicle, summarize miles driven/hours operated per vehicle, and total gallons of fuel consumption (if known).
4. Update changes in the use and vehicle function, i.e., the tasks associated with the vehicle's use.
5. Evaluate each vehicles condition, note repair/maintenance or replacement requirements expected within the next two years, if any.

It will be the responsibility of the Town Board to publish the updated Fleet Inventory report online and make available to the public by June 30th of each year. All steps proposed in this procedure may occur with support from Town volunteers.

The Highway Department and Town Board should consider the use of a fleet management information system. Such software systems can provide a framework for maintaining a fleet inventory and tracking the type of vehicle usage, fuel usage, and fuel efficiency of each vehicle operated by the government.