

NAFA GREEN FLEET AWARDS™

EXPERIENCE



WARRENTON

- VIRGINIA -

EST. 1810



Fleet & Facilities Management
RANKED #45

2023

**Top 50 Green Fleets
45th Place
&
Rookie of the Year
Town of Warrenton, VA**

Johnny Switzer, FMP
Facilities & Fleet Manager
Department of Public Works & Utilities
Facilities & Fleet Management

Lyndie Paul
**Executive Assistant and
Communications Manager**
Office of the Town Manager

November 2, 2023



Town of Warrenton, Virginia
Where Sustainability is a Journey, Not a
Destination

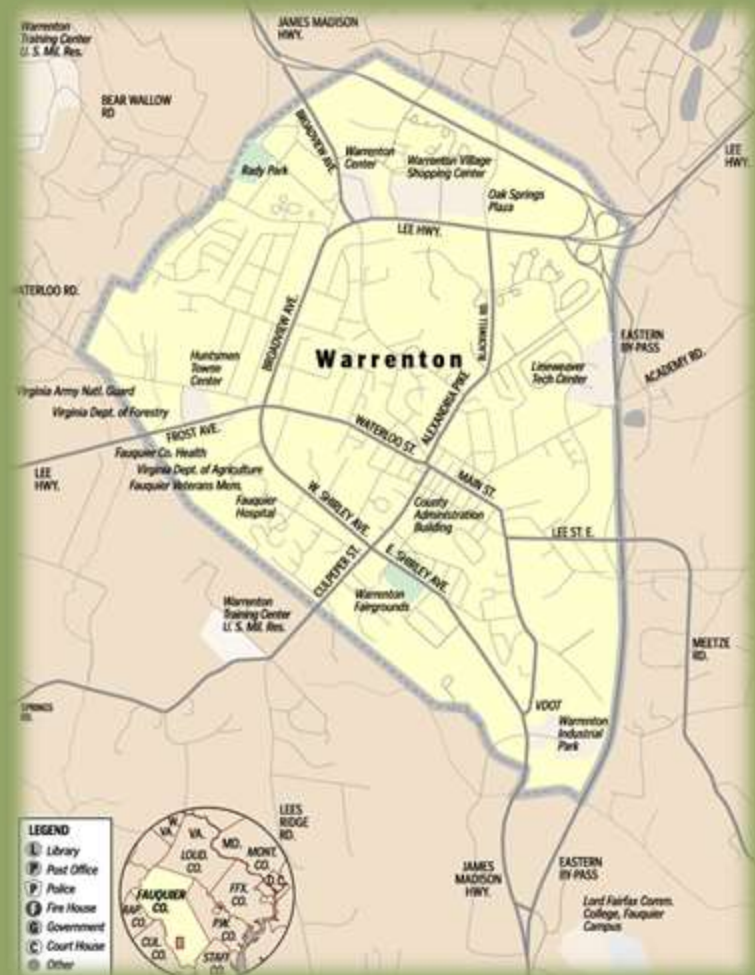




About Warrenton



- Founded in 1810
- Located 45 miles Southwest of Washington D.C.
- 4.5 Sq. Miles
- 10,000 residents
- Town Employees: 281 across 8 departments





Departmental Information



- Budget
 - \$775,288
 - \$501,874 Operating Budget Within
- Employees
 - 1 – Facilities & Fleet Manager
 - 2 – Full-Time Mechanics
- Vehicles & Assets
 - 130 Major Motorized Assets
- 1 Central Fuel Station
 - 4,000 Gallons ULSD
 - 6,000 Gallons Gasoline



Policies and Procedures



- By Year 2020 Replace 10% of the fleet with partial Alternative Energy Vehicle with Partial Zero Emissions Vehicle, Ultra Low Emissions Vehicle, or Zero Emissions Vehicle.
- By the Year 2025, Replace Police Vehicles with 50% Hybrid Electric
- By Year 2030, Replace Police Vehicles with 100% Hybrid Electric

ADMINISTRATIVE GUIDELINES

Subject: Fleet Management Sustainability Goal	
Origination Date: 8/2020	Revision date:

Fleet Management Sustainability Goals

Goal: To provide a sustainability goal based on a five year outlook that includes Environmental Care, Economics and Social Progress

Environmental Care:

- Complete a Green House Gas (GHG) Inventory
- Reduce carbon foot print by 5% by the year 2025
- By the year 2020 replace 10% of fleet to Alternative Energy Vehicle with Partial Zero Emissions Vehicle, Ultra Low Emission Vehicle or Zero Emissions Vehicle
- Continue Alternative Fuel Vehicle Analysis
- Reduce fleet vehicle miles driven by 5% by the year 2023
- Telematics—Currently in testing phase with two departments. Estimated ROI of 4-1
- Promote telematics to reduce mileage driven and monitor driving habits
- Continue to initiate environmentally preferred practices
- Continue Conservation of Non-Renewable Resources (re-refined oil/synthetics)
- Continue Hazardous Waste Management

Economics:

- Continue to Maintain Competitive Cost Structure which is based on overhead / direct labor hours. We are currently at \$64.00 per hour with a Return on Investment of (ROI) of 49% (annually based on our labor rate against private sector)
- Continue Fleet Replacement
- Maintain Customer Satisfaction-Goal(98%), Actual(100%) based on surveys
- To sustain future to be growth:
- Plan on strategic locations for Fleet Maintenance/Repair Facility
- In-house fueling site – Costs \$300K, ROI of \$35K per year based on # of gallons used X .19 markup
- Staffing levels – currently at 105 vehicles/equipment to 1 technician
- Training, tools, software, technology advancements

89



Objectives

- Going green with our fleet
 - Hybrid Initiatives
 - Telematics Program
 - Green Products
- Reduce energy consumption
- Collaboration efforts
- Future aspirations
- Comprehensive Plan 2040



- Hybrid Vehicles
- Electric Bicycles
- Soy-based tires for the Police Department and Refuse vehicles



- Solar paves the way to reduced greenhouse emissions (GHG)
- Free Level 2-100 Amp EV charging stations for all



Reduced Energy Consumption

➤ Tree City Designation

- Warrenton has been designated a Tree City USA for over 35 years
- Promotes commitment to the environment on all levels



Reducing Waste



➤ Leaf Collection



➤ Spring/Fall Clean-up



➤ Brush Pick up



➤ Christmas
Tree
Collection

- Recycling Program
 - Blue trash bags to blue bins
 - Community Outreach
 - HOA meetings
 - Households
 - Curbside once a week
- Recycling Trucks



Community Outreach & Education



Reaching our Community One Post at a Time

As Old Man Winter comes upon us, Our Public Works First Responders would like to introduce our Winter Road Condition Alerts.

As a courtesy Public Works will send out weather/road condition posts based upon the impact of the weather event within Town limits.

The posts will be color coded based upon the severity of the road conditions.

RED - Road conditions are hazardous and you may have trouble.

YELLOW - Road conditions are not favorable, use caution if road is necessary.

GREEN - Road conditions are good, should be no weather-related problems.

These posts will be shared as a guide regarding inclement weather in The Town.

SPRING CLEAN UP WEEK

April 10 - April 14, 2023

It's that time of year again, and our Public Works Crews are gearing up to help you with your spring cleaning.

Have you seen our
New Addition?

HIGHLIGHTS FROM OUR 2023 TOUCH A TRUCK EVENT

WATERMAIN BREAK

NOTICE:

- Our Public Utilities Crew is diligently working to repair a watermain break.
- Water service service may be affected and road closures could be necessary until the repairs are complete.
- Thank you for your patience and understanding as we work to get the problem resolved.

Join the Town to Celebrate Arbor Day

April 28, 2023 | 10AM
24 Polkham Street

Congratulations Andrew!

The Town Of Warrenton is pleased to announce that Andrew Alexander is the Second Graduate of our E.L.D.T. - CDL Program and has earned his Class B CDL. We're Proud of You!

STORMWATER POSTER CONTEST WINNERS

"Stop The Pollution Quik, Don't Make The Water Sick"

Laura DeHart Karlee Naylor Shaden Frank

Congratulations to our 2023 Stormwater Poster Contest Winners. For all information call: July 18, 2023



- Partner with Virginia Clean City Coalition
- Inter-departmental
 - Required to be cross-functional and collaborative
 - Breaking down silos

Collaboration Efforts





Future Aspirations

- 100% Hybrid Electric Police Vehicles by 2030
- Continue implementation of electric vehicle charging infrastructure
- Comp Plan 2040-Community Facilities
 - Green infrastructure and sustainability are incorporated into community facilities to promote energy efficiency and environmental protections
 - Enhance the environment through preservation and sustainability best practices



Questions?



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