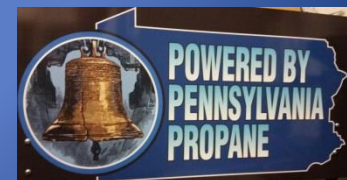


McCandless Township Sanitary Authority



Zoom Meeting – Pittsburgh Region Clean Cities
August 26, 2020



MTSA Serves Northern Allegheny County

- 52,000 Residents – All or parts of 7 Communities
- 44 Square Mile Service Area
- 21 Pumping Stations
- 4 Wastewater Treatment Facilities
- Over 400 miles of sanitary sewer lines
- 50 + Employees

MTSA's Plan

- Engage our Board of Directors in the Plan
- Demonstrate the cost Benefits
- Promote Propane as our alternate Fuel Source
- Explore funding sources
- Emphasis on freedom of foreign oil prices
- Convert two to three existing newer vehicles
- Start small, keep good records & provide reports on success and failures of program
- Educate Employees in benefit of Program

Pennsylvania Department of Environmental Protection

Alternative Fuels Incentive Grants

- 2013/14 Grant – Propane Bi-Fuel Conversion Program
 - 50% Matching Grant
 - Propane Fueling Station Installed
- 2016 Grant – Phase II Propane Bi-Fuel Conversion Program
 - 50% Matching Funds
 - Training of In-House Mechanics / Computer Software Purchased
- 2018 Grant – Propane Bi-Fuel Conversion Installation Phase
 - 100% Funded by PA DEP
 - In-House Mechanics did complete installations

MTSA Propane Powered Vehicle Listing

- 2006 E-450 Ford Cube Van – Lines Maintenance
- 2009 F-550 Ford Service Body – Facilities Mechanics
- 2013 F-250 6.2L Pickup Truck – Foreman
- 2013 F-250 6.2L Pickup Truck – Foreman
- 2014 F-550 Ford Dump Truck – Snow Plowing / Material Hauling
- 2016 Ford Transit Van – Inspection Services
- 2016 Ford F-150 Pickup Truck – Development Manager
- 2016 Ford F-150 Pickup Truck- Maintenance Manager
- 2018 Chevy Cut-Away Van – Lines Maintenance
- 2018 Ford F-550 4-Door Service Body Truck – Line / Plumbing
- 2019 Ford F-250 Pickup Truck – Facility Operations
- 2019 Ford F-250 Pickup Truck – Facility Operations
- 2020 Ford F-550 Service Body – Currently on Order

Summary Report

- Vehicle Drivers are tracking mileage, reliability and performance – Send Report to PA DEP
- Tracking fuel differential - Throughout our program Propane has been over 1.00/gallon less than gasoline
- How weather affects vehicles – driving conditions
- Employee opinion - “buy in” of program
- Maintenance of vehicles – Minimal requirements
- Keep the MTSA Board Informed of Success of Program
- Communication is the key to Success

Partners in our Success

- Pennsylvania Department of Environmental Protection
- Pittsburgh Region of Clean Cities
- Pro Gas of Zelienople PA
- Blossman Services, Inc. of Swannanoa, NC

Thank you

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