Case Study

NexTraq™

Wastewater Treatment Service Increases Driver Productivity by 25% with NexTraq Fleet Tracking

Western Monmouth Utilities Authority increases productivity with integration into its GIS mapping with NexTraq Web Services while reducing fuels costs by 10%

"Because of the tracking functionality, driver behavior has changed, making our fleet more efficient. We have increased productivity by 25% with NexTraq Web Services integration."

Robert Noel, Special Projects Manager / GIS Manager and Acting Collection System Superintendent for WMUA

Challenge:

Established in 1972, Western Monmouth Utilities Authority (WMUA), a wastewater treatment service provider for several towns in the New Jersey area, needed a GPS fleet tracking solution to monitor vehicles within a large service area.

Solution Results:

- 25 percent increase in driver productivity
- 10 percent decrease in fuel costs
- 100 percent NexTraq availability

Fleet Size:

18 vehicles

About Western Monmouth Utility Authority

Formed in 1972, Western Monmouth Utility Authority provides waste water treatment service to a significant portion of the towns in Manalapan, Marlboro and a portion of Englishtown and Freehold Township. The WMUA strives to provide the most efficient and environmentally safe wastewater treatment available at the lowest cost to its ratepayers. The WMUA has 195 miles of sewer lines and 27 pump locations. The sewer facility is located in Manalapan Township in Monmouth County. The plant is tertiary treatment facility and has 14 Reed Beds. For more information, please visit: http://www.wmua.manalapan.nj.us/

Challenge:

Established in 1972, Western Monmouth Utilities Authority (WMUA), a wastewater treatment service provider for several towns in the New Jersey area, needed a GPS fleet tracking solution to monitor vehicles within a large service area. With 18 vehicles in its fleet, Robert Noel, Special Projects Manager / GIS Manager and Acting Collection System Superintendent for WMUA, realized the potential benefits of a GPS fleet management solution that could integrate with its GIS mapping.

Solution:

Noel researched several GPS fleet tracking solutions due to its intuitive interface, pricing and the robust Web Services integration offered by NexTraq™. Noel said, "A key factor in selecting the NexTraq platform was that they could interoperate with WMUA's GIS mapping technology."

Results:

Since implementing the NexTraq Fleet Tracking solution, Noel has been impressed with the solution's reliability. Noel said, "The installation was extremely easy and we ran into no problems. As they say, 'time is money.' Additionally, the NexTraq cloud application has provided us with 100% reliability; we have had no problems with system availability."

While driver and vehicle safety were one of the main reasons for selecting the NexTraq Fleet Management solution, Noel said, "It was evident immediately that we had dramatic fuel savings utilizing the Idle Report functionality within NexTraq. Fuel costs were reduced by 10 %." Additionally, Noel notes that more work orders are being completed in a typical workday. Noel said, "Because of the tracking functionality, driver behavior has changed, making our fleet more efficient. We have increased productivity by 25% with NexTraq's Web Services integration."

Noel also attributed the Idle Alerts to a more productive and cost-effective fleet. Noel said, "Through user-defined alerts, I can immediately know when a vehicle has been stopped for more than 30 minutes when that's not the normal time for that particular vehicle."

Additionally, Noel finds benefit in the Fleet Mobile application. Noel said, "It's very easy to do a location check when I am out in the field."

With the NexTraq Fleet Tracking solution, Noel states that his fleet has been able to provide preventive maintenance, an important benefit, when delivering the treated water back into the environment.

For more information on NexTraq, please visit:
http://www.nextraq.com/