

Cutting Compliance Costs Using OmniSite
Monitoring Solutions:
A Case Study

OmniBeacon™



OmniSite

PDA
PETE DUTY & ASSOCIATES, INC.



Cutting Compliance Costs Using OmniSite Monitoring Solutions

Aqua North Carolina Cut Compliance Costs by Installing OmniBeacons at their Remote Lift Stations

The Problem

The problem is that traditional telephone landline systems, as well as some other cellular based systems, have expensive monthly rates that can make a significant impact on utility costs. Pete Duty & Associates, the OmniSite Master Representative in North Carolina, worked alongside Aqua North Carolina to cut their regulatory and compliance monitoring fees.

They were using outdated POTS (Plain Old Telephone System) autodialers on their remote lift stations, and for those that weren't equipped, sent a field technician to physically check the operation of the pump to prevent high-level conditions. This was neither scalable nor cost-effective.

They needed a solution that was easily implementable, cost saving, and manageable by on-site staff.



The Solution

They chose the OmniBeacon Cellular Alarm Light – a device that has monitoring capabilities for two inputs and power outage, connects to the local cellular network, and is easily installable by on-site staff.

Aqua North Carolina now received high-level and power outage notifications via an online dashboard or mobile app, therefore removing the need to drive to remote locations for checkups and reserving such lengths for emergency situations only. Additionally, with 24/7 monitoring, an emergency situation would never be missed.



The Results

**200+
units
total**



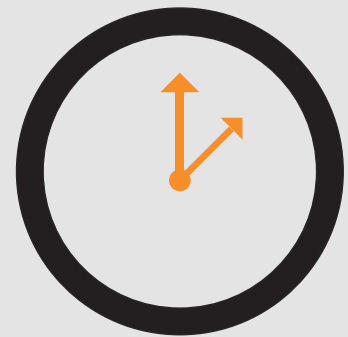
Over 200 OmniBeacons are now installed on stations that originally had a POTS autodialer or no monitoring at all.

**\$450/unit
saved
annually**



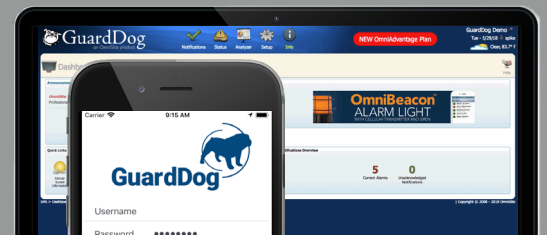
The switch resulted in a savings of around \$450 per year, per device on service.

**~100
man hrs.
saved**



The savings in service helped save thousands of dollars in man-hours and transportation costs due to driving to remote stations across their territory

Aqua North Carolina is now better able to monitor their stations and prevent sewage overflows 24/7 with the peace of mind that comes with the OmniBeacon and OmniSite's GuardDog Remote Monitoring Software



Sound Like a Solution for You?

Learn how OmniSite's OmniBeacon Cellular Alarm Light is the perfect replacement for your POTS autodialer. Contact our sales team at 317-885-6330 x4 for a free quote.

Features

- Web-Based interface for data logging and reporting.
- Battery backup gives notifications of power failures.
- NEMA 4 equivalent rating for direct mounting indoors and outdoors.
- Complete install and setup in less than an hour.

Device Specs

Dual Input Alarm Channels:	(1) 12VAC/VDC – 120 VAC/VDC, opto-isolation to 4000VAC. (1) Dry Contact Input
Alarm Light Bulb	Super bright, long-life LEDs
Alarm Light State	Pulses LEDs at 3Hz, selectable for inputs #1 and #2
Alarm Light Annunciator	2.8kHz, 85dB, selectable for inputs #1 and #2
Backup Battery	External 6VDC Sealed Lead, 1.3AH, Re-chargeable
Communications	4G LTE CAT-1/CAT-M1
Operating Temp.	-20/150 Deg F
Humidity	0-90% RH Non-condensing
Dimensions	5"W round base x 5"H
Weight	1 lb
Enclosure	NEMA 4 equivalent rating for direct mounting indoors or outdoors
Protections	US Patent #7,228,129 and #7,778,633

