

Copy Editing

Client: CDS Muery

Objective: Edit existing About page content for readability and clarity.

Before

Kenneth R. Rothe (P.E.), Bill Ethridge (RPLS), and John T. Kubala (RPLS) founded Civil Design Services, Inc. (CDS) in 1988 to provide civil engineering, surveying, and mapping services to San Antonio, Texas, and the surrounding areas. In 1999, the firm changed to CDS/Muery Services after acquiring George Muery Services, a pioneering land surveying company who was one of the first to utilize GPS technology. Since then we have changed our name to simply CDS Muery.

Today, the founding partners continue to provide hands-on project management and maintain close relationships with our clients. This ideal of taking responsibility manifests commitment that constitutes the core vision and values of the company. Our partners cultivate an environment that generates creative, innovative, and efficient solutions for CDS Muery clients, which upholds our long-lasting relationships and ongoing customer growth. Ultimately, the strength of our principled leadership and dedicated employees has resulted in a solid foundation that has built our reputation from more than two decades of personal service to our clients.

After

CDS Muery is a multi-disciplined, professional consulting firm with the capability to serve numerous markets in the public or private sector with a full array of services in Engineering, Surveying & Mapping and 3D Laser Scanning.

A cornerstone of the company's philosophy is forward-thinking; we do not assume that standard decisions are always the best choice, and work with our clients to discover other opportunities that may be the ideal solutions to meet their needs. Creative and unconventional thinking has been an integral part of our central business practice for the past 25 years, and has contributed to our reputation for exceptional performance.

Kenneth R. Rothe, P.E., Bill H. Ethridge, Jr., R.P.L.S., and John T. Kubala , R.P.L.S. founded CDS Muery in 1988 and established the corporate headquarters in San Antonio, Texas. As our client base and market area continued to grow, we expanded our firm's capacity by opening a new office in Oklahoma City, Oklahoma, where we provide our clients with the same on-time, quality service.

The strength in our capabilities and ability to provide prompt service is achieved by our in-house resources of over 100 personnel — including 14 licensed professional engineers with registrations in Texas and 11 other states; seven licensed professional land surveyors with registrations in Texas and seven other states; and 15 field survey crews that cover our projects spread throughout Texas, Oklahoma, and adjacent states.

CDS Muery is a certified Small Business Enterprise (SBE) by SCTRCA in Texas, and is pre-certified by the Texas Department of Transportation in numerous categories that are essential qualifications for providing our services on state road projects.

Client: Van Delden Wastewater Systems

Objective: Edit client-drafted blog article for readability and clarity, optimize for search engines.

Before

All aerobic systems require maintenance, and all aerobic systems are required to be checked every 4 months as required by TCEQ. Simple enough right? Not exactly. Most homeowners think the only thing to check is the chlorine, but this is just one of the minor things checked during routine maintenance.

Your maintenance provider can save you money by checking the system regularly. If you are checking the system yourself correctly, then you would be spending the same money on parts whether you purchased them or your provider did. One advantage to a maintenance provider, is that they should have the parts on hand. Otherwise, you will be spending time trying to track down the correct parts, paying for shipping, and waiting for those parts to be delivered. Sometimes, waiting for parts will have a negative domino effect on the system. Therefore, the only additional cost you would be spending is on the maintenance contract and/or labor for the aerobic maintenance provider. When you factor in your time (along with TCEQ reporting requirements, recommended training, and immunizations), the cost of a maintenance contract seems minimal.

However, if you are doing your own maintenance but not checking everything correctly, you could cause damage to parts, or cause more expense in the long run due to system neglect.

Here are the things we routinely check during each service visit: aerator and PSI, air filters, diffuser (this requires sticking your hand in the tank), irrigation pump, floats, audio alarm, visual alarm, spray heads, timer, photocell, electrical circuits, chlorine levels, and sludge levels in the aerobic tank and pump tank.

A maintenance provider keep records for warranties and the systems maintenance history. Copies of the service reports are forward to the County within 14 days as required by TCEQ.

Aerobic Maintenance Providers and Technicians are licensed by the TCEQ which requires training and passing an exam. Electrical knowledge and experience is required since most of the systems operating components are electrical. These components are tied into circuit boards in control boxes which power the system.

Immunizations for being in contact with wastewater are highly recommended for anyone doing maintenance on an aerobic system. Often times, routine maintenance for several parts requires reaching into the tanks.

After

All aerobic systems require maintenance, and are required by TCEQ to be checked every 4 months. Simple enough, right? Not exactly. Most homeowners think the only thing to check is the chlorine, but this is just one of the minor things checked during routine maintenance. Here's just a few of the things a licensed septic maintenance provider can do for you.

Save you money

Some counties in Texas allow homeowners to service their aerobic septic systems. This may seem cheaper, but it's almost always a bad idea.

If you are doing your own maintenance and not checking everything correctly, you could cause damage to parts, or cause more expense in the long run due to system neglect.

Let's assume that you *are* checking the system correctly. You're not spending any less to replace parts than your provider, and they often have the parts on hand.

Otherwise you spend your time trying to track down the correct parts, paying for shipping, and waiting for those parts to be delivered. And if it takes too long there may be a negative domino effect on your system, which means having to hire a professional anyway.

When you factor in your time (along with TCEQ reporting requirements, recommended training, and immunizations you would need to get to avoid getting sick), the cost of a maintenance contract seems minimal.

Keep records of warranties and maintenance history

A maintenance provider keep records for warranties and the systems maintenance history so you don't have to. He or she will also take care of forwarding copies of service reports to the county within 14 days of a servicing. One less thing for the homeowner to worry about.

Here are the things we routinely check during each service visit:

1. Aerator and PSI
2. Air filters
3. Diffuser (this requires sticking your hand in the tank)
4. Irrigation pump
5. Floats
6. Audio/visual alarm
7. Spray heads
8. Timer

9. Photocell
10. Electrical circuits
11. Chlorine levels
12. Sludge levels in the aerobic tank and pump tank

Why should you have to keep track of the status and functionality of all these pieces? A maintenance provider can do so for you.

Help keep your system running safely and smoothly

Aerobic systems are complex, and require training and expertise to service and keep functioning safely.

- Aerobic Maintenance Providers and Technicians are licensed by the TCEQ — this requires training and passing an exam.
- Electrical knowledge and experience is required since most of the systems operating components are electrical. These components are tied into circuit boards in control boxes which power the system.

And as you might have guessed, aerobic systems are full of lots of germs. Immunizations for being in contact with wastewater are highly recommended for anyone doing maintenance on an aerobic system. Oftentimes routine maintenance for several parts requires reaching into the tanks.

We are aerobic system experts

If you need help maintaining your Clearstream aerobic system, we'd love to talk. **Give us a call at 830.249.4000 (Boerne) or 210.698.2000 (San Antonio) or [contact us online](#) to schedule a septic check-up.**