Your TOTAL SOLUTIONS PROVIDER for Odor & Corrosion in Wastewater

Odor and corrosion from wastewater is a problem. It’s a problem at treatment plants. It’s a problem in the collection system winding through neighborhoods. It’s a costly nuisance and poses serious health and safety issues.

Today, SOURCE TECHNOLOGIES is addressing these issues. We have some of the most powerful, comprehensive and cost-effective odor treatment technologies in the municipal wastewater market space. Our family of advanced oxidation products are “green”, best-in-class, scalable and simple to operate.

Why Source Technologies?

Unlike some technologies where H2S is temporarily prevented, sequestered or “moved” downstream, our treatment solutions permanently reduce the H2S to harmless elemental sulfur. The end result? Sulphides are eliminated in the water thereby eliminating hydrogen sulfide in the air!

Source’s odor and corrosion treatment solutions provide a distinct advantage over other technologies for treating your specific odor issues.

**BETTER** - versatile
- Easy to install or retrofit
- Scalable
- Compact footprint
- Perfect for detention times ranging from minutes to < 8 hours… to 24 hrs… even 48hrs!

**FASTER** - fast reaction times
- Rapid results
- Treatment occurs within minutes.

**CHEAPER** - lowest daily cost
- Minimal capital cost
- Low O&M expense
- Dosing can be automated for more efficient chemical usage.

**SMARTER** - safe
- Our catalysts are “green” (EPA - T.S.C.A certified) using no hazardous materials
- Produces no byproducts of significance and pH remains unchanged
- Safe for pipes and WWTP operations.

### Clarksville, IN #10 VSP Demonstration
**11/30/2009 - 12/1/2009**

**H2S**

**INFRAS*TRUCTURE  **
**LIFE EXPECTANCY**

<table>
<thead>
<tr>
<th>H2S (ppm)</th>
<th>Life Expectancy (years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.5</td>
<td>50</td>
</tr>
<tr>
<td>1.0</td>
<td>25-50</td>
</tr>
<tr>
<td>2.0</td>
<td>10-25</td>
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<tr>
<td>3.0</td>
<td>10</td>
</tr>
<tr>
<td>4.0</td>
<td>5-10</td>
</tr>
<tr>
<td>7.0</td>
<td>5</td>
</tr>
</tbody>
</table>

**TARGET: 3’ DIAMETER CONCRETE PIPE (1” COVER)**
Which Solution Is Right for You?

SOURCE TECHNOLOGIES’ proprietary advanced oxidation products allow us to provide a Total Solutions approach to your odor issues. These powerful and cost-effective odor and corrosion solutions for wastewater treatment plants, bio-solids and collection systems offer exceptional versatility to the operator.

STX Catalytic Process

The STX Process is an excellent oxidizer of H2S and other sulfonated organic compounds known to cause odor in wastewater. This process is designed to work within 1-2 minutes and lasts up to 4 hours. Ideal for wastewater treatment plants, bio-solids and “end-of-pipe” applications.

ETX Catalytic Process

One of the biggest challenges faced by operators is treatment of H2S in collection systems with varying detention times. SOURCE TECHNOLOGIES’ ETX Process is designed to not only treat H2S at the dosing point but can be tailored to prevent H2S for up to 50 hours.

Check out our new Catalyzed Super-Oxygenation technology

VSP Technology -

SOURCE TECHNOLOGIES’ new VSP technology uses the VSP catalyst and pairs it with oxygen (O2). Oxygen is provided by a molecular sieve unit that creates O2 from ambient air. No liquid O2 to handle or refill. While this system requires approximately 45 minutes to begin treatment, it can last up to 8 hours. (See Odalog graph on opposite side). As the O2 is provided onsite, this technology is the most cost-effective odor and corrosion control technology on the market.

ESP Technology -

Similar to the ETX Process, this system combines the ESP catalyst with O2 produced onsite by a molecular sieve unit. No liquid O2 to handle or refill. The ESP technology can be tailored to treat H2S at the dosing point and continue treatment for up to 50 hours.