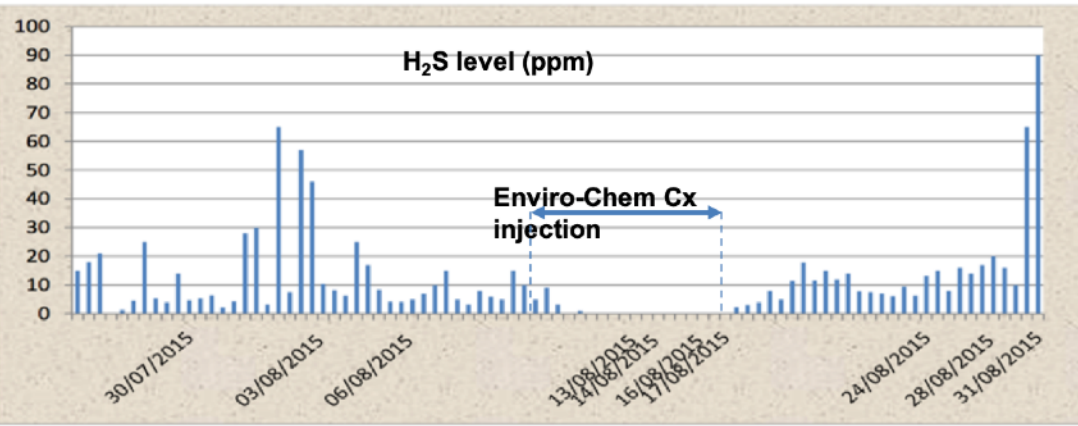


Results with ENVIRO-CHEM

The graph below shows real data measured by a middle-east customer. It indicates the H₂S level before, during and after the product injection. The customer concludes: « From the recorded data, we noticed that the H₂S level during the trial injection period was close to zero »



Odors Neutralizer

ENVIRO-CHEM

Enviro-Chem is an anti-odors agent available as a liquid solution, acting by neutralization of odors coming from the organic decomposition of solid and liquid waste. It has both neutralizing effect (removal of existing odors) and preventive effect (biomass stabilization, preventing the formation of new odors) on the H₂S, ammoniac, mercaptans... molecules principally responsible of odors.

The product is easy to use: it requires only a dilution pump; the diluted product is added at the entrance of the wastewater station, in the sewage network... (e.g.)

Characteristics

- ✓ Neutralizing Agent, not a masking agent
- ✓ Biodegradable, non hazardous
- ✓ Not a bactericide, no negative impact on biology

 **SARGO**
We protect your environment

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 **SARGO**
We protect your environment

Wastewater stations & sewages



Enviro-Chem is perfect to treat the odors in the wastewater treatment plants, pumping stations, sewage networks...

Leachate



Enviro-Chem allows treating the highly concentrated odors coming from the leachate created by the landfills

Compost



The organic based compost decomposes and causes important odor typically treated by Enviro-Chem

APPLICATION

Easy to implement, few or no investment at all

dilution pump



The only investment, sometimes required, is a proportional hydraulic pump - without electricity - allowing to increase the contact surface, hence the mixing, with the product

intense mixing



We recommend using a simple diffusion system at the entrance of the wastewater, pumping station or sewage hole. It is paramount adding the product at a place of strong agitation

sludges



The wastewater treatment station's sludges are one of the main source of bad smell. Enviro-Chem is compatible with the polymers used for sludge dewatering

OTHER APPLICATIONS



Wastewater treatment plants and pumping stations, sewage networks, containers, used Kieselgur (breweries), chicken, porc or cow's blood, animal manure and septic tanks (Enviro-Chem AG)

ENVIRO-CHEM NEUTRALIZES THE ORGANICALLY GENERATED ODORS LIKE H₂S, NH₃...

How it works

At the opposite of masking agents, which are replacing an odor by another one, Enviro-Chem Cx, works chemically on the solid and liquid waste. The product inhibits the proteins and sulfides decomposition reactions that prevent the creation of odors. The reduction of these volatile emissions is achieved by sequestering the odorous volatile molecules, thereby allowing the acid/base reactions, amines and peptide cross-linking, and chelation reactions to occur. This leads to the formation of larger molecules that resist rapid biological breakdown. The process therefore blocks amines, hydrogen sulfides and mercaptan odors.

Benefits

Fewer complaints by the population, healthier and less dangerous environment (Hydrogen Sulfur is a deadly gas), less corrosion (H₂S transforms in sulfuric acid and is very corrosive, reducing therefore the life duration of concrete based sewage pipes)