

Below you'll find the City of Manteca's Odor Control testimonial in Chronological order starting with the City's odor control request.

City of Manteca's odor control request:

Hello Odor Control Representative,

I'm looking for an odor control product of a liquid form that will help to reduce odor of BOD strengths up to 5,000 mg/l, yet a product line that would not impact fodder crops due to land discharge application (i.e. after industrial pond aeration).

Here's our Operational Scenario in the City of Manteca, California.

The City of Manteca Wastewater Treatment Facility by season will either discharge the treated effluent to land (fodder crop field growth) or to river. The City and one of our major industry; agreed and constructed a separate holding pond for the industry's discharge. This industry pond (on the Wastewater plant's site) has surface aerators as a mechanism to lower odors / BOD. This pond waste stream is included in the land application irrigation cycle as approved by our State regulators. The industrial pond water is discharged simultaneously with treated wastewater effluent to land as part of an irrigation cycle (fodder crop growth).

Anyway, the city has concerns about odor control of the industrial pond's incoming stream. The original pond design relied solely on the pond aerators for odor control and BOD reduction prior to land disposal. The dilemma is; odor exists at pond entrance and through the first series of plug flow through the industrial pond.

We are looking for a product that minimizes industrial incoming pond odors (up to 5,000 mg/l); odor types depend on the food industry discharge. Typical odors are; 1) Cabbage, bell peppers, Jalapeno peppers.

Your assistance in this matter is greatly appreciated,

Resolution to Manteca's odor concern:

City of Manteca Wastewater Treatment Facility, California, experimented with several odor control product lines. All odor product lines proved to be somewhat effective; **however Chemtech International Inc. product line proved to be superior.**

Manteca Wastewater Treatment Facility experimentation ended when we determined that Chemtech product line called *Histosol* resolved the industry pond odor concerns. Odors such as rancid concentrated bell, red, or jalapeño peppers became non – detectable.

Chemtech provided Manteca simple start up and maintenance dosage guidelines for our industrial pond application toward usage of odor control Histosol product line.

Thank you Chemtech for resolving Manteca's odor concerns.

Tom C. Foley
City of Manteca
Wastewater Systems Superintendent



WHITPAIN TOWNSHIP
MONTGOMERY COUNTY
COMMONWEALTH OF PENNSYLVANIA

OFFICE OF THE SUPERVISORS

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November 3, 2005

Messrs. Kosh and Neel Daphtary
Chemtech International, Inc.
P.O. Box 951
Media, PA 19063

Dear Kosh and Neel:

Whitpain Township has been doing business with Chemtech International, Inc. since July 2001. Our association with your company started when we first ordered Histosol Bio-10 to control unpleasant odors emanating from three of our pumping stations.

Prior to using Histosol Bio-10, our facility used chemical-based products to solve odor problems. We received frequent complaints from residents in the areas of the stations. After a trial period using Histosol Bio-10, we decided to change to use of that product for odor control. We have continued to use it on a regular basis, as it has helped solve the problem and we received few complaints.

In addition to odor control, Histosol Bio-10 also helps digest the fats, oil and grease that flow into our stations from homes and restaurants. We have also been purchasing Odor Gone capsules, which we use to neutralize air stench in buildings, toilet tanks, camp sites, etc. The natural, biodegradable Odor Gone capsules are cost-effective and safe to use compared to the chemicals and masking agents we previously used.

We would like to express our satisfaction for the quality and cost-effectiveness of the products, and for the excellent customer service provided by your company. You each have personally visited our facilities on a regular basis and we appreciate your prompt service responses.

In view of our experience, we highly recommend Chemtech International as a company with which to do business.

Very truly yours,

August A. Belmont
Superintendent
Public Works Sewer Division

c: R. Cione, Director of Public Works
file

The following information came to our office from the Histosol Products distributor in South Africa. He is having tremendous success with Histosl Bio 10 in anerobic digesters. He has reduced hydrogen sulfide from 1,000 PPM(mg/l) to 12 PPM(mg/l), reduced ammonia from 215-230 PPM(mg/l) to 1 PPM(mg/l), increased methane production by 21-26%, and reduced wasted bio-solids by approximately 70%. I thought this information might be of interest to you as you have been our company's customer/distributor for Histosol products.

-----Original Message-----

From: "Jerry Phillips" [hfm@absamail.co.za]

Date: 07/10/2008 09:50 AM

To: kosh@chemtech-usa.com

Subject: Histosol Bio-10 product trial

We are trialing 2 off digesters at the moment and the results are that the H₂S (hydrogen sulfide) levels have fallen from over 1,000 ppm(mg/l) to 12 ppm(mg/l) in both cases, and after 7 to 10 days gas production is up by 21% in one case and 26% in the other. Both of these are using animal waste. The other benefit is that the Ammonia levels have dropped to 1 ppm(mg/l) i.e. bad odors have practically gone!