



BIO-ORGANIC CATALYST
THE POWER IN NATURE®

CASE STUDY
bio-organic.com

Bio-Organic Catalyst, Advanced Bio-Catalytic Cleaning

The Next Generation in Green Cleaning and Deodorizing Chemistry

BOC eliminates microscopic organic bio-film formation ('biofilms'), as well as the residues of traditional detergents, chemicals and sanitation agents, resulting in a new standard in cleanliness and public health.

- BOC meets EPA and USDA requirements for use in food preparation and discharge into public waterways.
- Use of BOC has demonstrated impressive results in reducing petroleum pollution and wastewater discharges.
- BOC is Completely Non-toxic, Biodegradable, And Non-allergenic.
- BOC is not a bacterial/enzyme product, but provides enzymatic characteristics to breaking down molecular structures.
- BOC can replace most cleaners, detergents, degreasers, and solvents, yet is compatible with oxidation chemistries.
- BOC brings immediate elimination of noxious gases and restores septic conditions through enhanced oxygen transfer.
- Both surfaces and underlying substrates are left ultra-clean.
- In cleaning Terrazzo and Stone Tile floors the deeply embedded soils are dissolved, returning to a non-slip surface.
- Dangerous volatile gases and odors are immediately neutralized.
- Greases and oils are easily removed and rapidly catalyzed.
- Drainlines are eliminated of grease blockages and pest infestation due to cleaning of biofilm growth.
- Wastewater discharges are treated 'at-source' lowering subsequent wastewater treatment requirements.
- Microscopic bio-film growth on surfaces that can harbor toxins are quickly dissolved providing enhanced disinfectant control.

A cleaning demonstration with BOC on a stone tile floor permeated with oily stains.

A food serving area of a major University.



After one application.



A cleaning demonstration at a large international transportation facility with concrete permeated with aircraft fuel oil stains.

Project Goal: Reduce TPH (Total Petroleum Hydrocarbons) in storm water run off into local water ways.

Before BOC Cleaning.



BOC is applied and allowed to penetrate for 30 minutes and then are rinsed by high pressure washer.



After one application.

Before



After

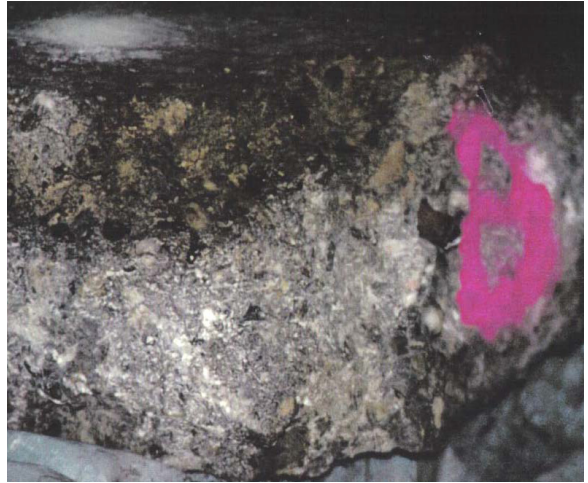


Demostration of BOC ability to breakdown deeply embedded oil in concrete.

Top View Of Concrete Permeated With Oil



Side View Of Concrete Permeated With Oil-Note the oil has penetrated to depth of 2 to 3 inches



After Application of BOC



Drain Cleaning

Drain Before



Drain After



Partial List of Clients:

- Wynn Hotel, Las Vegas
- The MGM Grand, Las Vegas
- The Riviera Hotel, Las Vegas
- The Excalibur, Las Vegas
- Mirage, Hotel, Las Vegas
- Bally's, Las Vegas
- The Stratosphere Hotel, Las Vegas
- Paramount Studios, Hollywood, CA
- Caesars Palace, Las Vegas, NV
- Marriott, Seattle WA
- Silver Legacy Casino, Reno, NV
- Fairmont Hotel, San Francisco, CA
- Fairmont Olympic, Seattle, WA
- Blue Beacon Truck Wash, Kansas
- June Mt. Ski Resort, CA
- Thunder Valley Casino, CA
- Embassy Suites, San Diego
- Port Authority of New York & New Jersey
- Dairy Farmers Of America
- Hilton Hotel, Burbank, CA
- Concordia University, CA
- St. Regis Hotel, Aspen, CO
- Chrysler Pacifica, Carlsbad, CA
- Marriott Suites, Costa Mesa, CA
- City of Fountain Hills, AZ
- New York City, Department of Environmental Protection
- New York City, Economic Development Corporation
- City of Las Vegas
- Boulders Resort & Spa, Carefree, AZ
- Beverly Hills Hotel, Beverly Hills, CA
- Bel Air Hotel, Bel Air, CA
- Peninsula Hotel, Beverly Hills, CA
- Eastern Municipal Water District, Ca
- Home Wood Suites, Beaverton, OR
- La Meridian Hotel, San Francisco
- Courtyard, Phoenix, AZ
- Renaissance Hotel, Austin, TX
- Marriott Sea/Tac, Seattle, WA