



**BIO-ORGANIC CATALYST**  
THE POWER IN NATURE®

**CASE STUDY**  
bio-organic.com

## Odor Control At A Large NE Transportation Facility

### The “Before and Results 3 Weeks Later”

#### **Elimination Of Odors In A Large Storm Water Canal**

BOC demonstrated Bio-Organic Catalyst biochemistry to fundamentally transform the biological conditions which caused odors (anaerobic biological processes produce hazardous and noxious odors ). It has was well demonstrated in a highly successful, and highly critical, installation of a Bio-Organic Catalyst air/ water dispersion system. Odors were eliminated (within 24 hours ), and the water channel, including the indigenous natural wetlands ecology of the site, cleared dramatically of anaerobic type slime growth (the ecological cause of many odors). The installation consists of three (3) 250 gallon water tanks, into which a Bio-Organic Catalyst liquid concentrate is added. Each water tank has a fogging device connected to a 20 foot rubber hose which disperses the highly diluted Bio-Organic Catalyst into the air. A dispersion pattern distributes the Bio-Organic Catalyst mixture across the surface of the water channel, resulting in an expanding zone of enhanced aerobic bio-remediation and elimination of odors. Odor reductions have travelled downstream from the immediate geographical area of the installation. The client was completely satisfied with the Bio-Organic Catalyst system installation performance, and has reported no further odor complaint's have been received since the morning after the system went on-line.

#### **The “Before” At The Bridge Overpass Floating Biosolids and Hydrocarbon Sheen**



## Hydrocarbon Sheen and Contaminated Soil Bank



## The Before at The "Before" At The Bridge Overpass

Note The Floating FOG's ( Fats,Oils,Grease)



Note The Floating Hydrocarbon Sheen and Color Of The Water Column



## The "Before" At The Bridge Overpass

Note The Floating Hydrocarbon Sheen and Color Of The Water Column



Contaminated Soil Bank





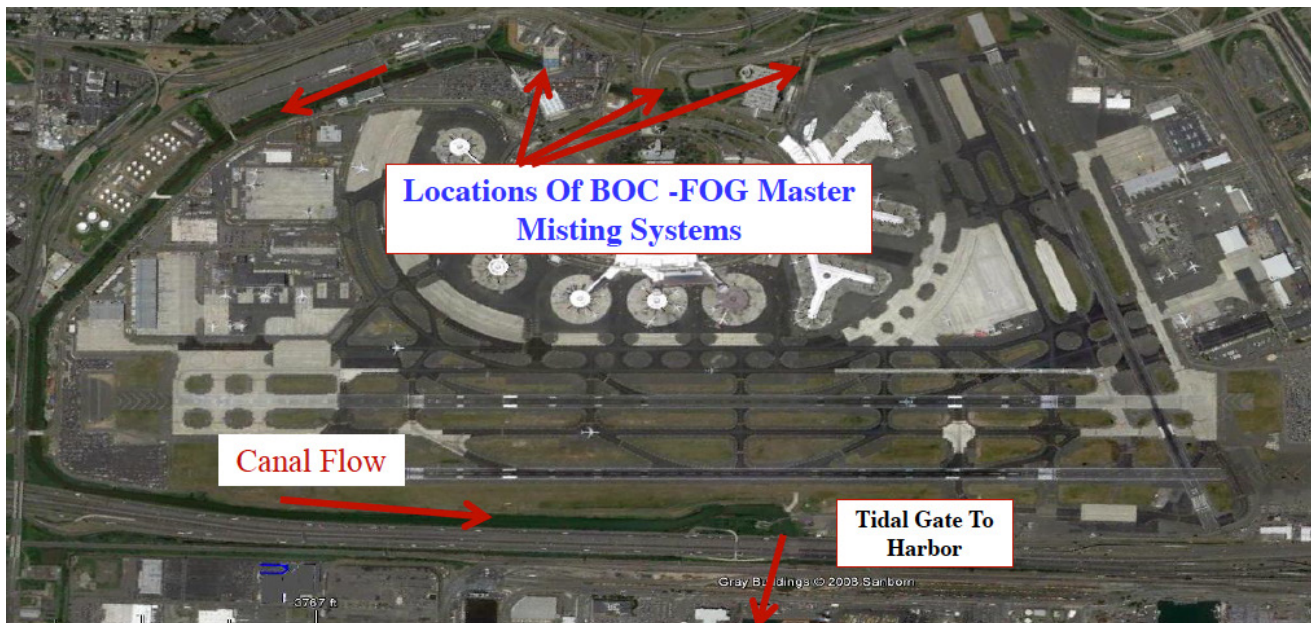
## Results: 3 Weeks Later At The Bridge Overpass Application Equipment

BOC -FOG Master Misting System

Spray/Fogging Of BOC Product Solution



## Locations Of BOC -FOG Master Misting Systems





## Results: 3 weeks Later At The Bridge Overpass



## 3 Weeks Later At The Bridge Overpass

**Note: The Cleanliness Of The Reed Beds And Improvement In Water Clarity**

