



# Biologic Lift Station Treatment

## Where to Use

Industrial & Municipal Lift Stations

## Lift Station Benefits

- Reduce Fats, Oils & Grease Build-Ups
- Reduce Odor Issues
- Reduce Hydrogen Sulfide Corrosion Issues

## Operational Benefits

- Reduce Maintenance Costs
- Reduce Labor Costs from Manual Pumpouts & Line Jettings
- Extend Life of Pumps & Other Metal Parts

## Down Stream Wastewater Treatment Plant Benefits

- Lower BOD & FOG Loading
- Increase Plant Capacity
- Reduce Sludge Volume

**Beyond Environmental** offers a full line of biologic solutions that transform contaminants into harmless compounds such as water and CO<sub>2</sub>. All of our products utilize the highest quality, scientifically selected microorganisms and environmentally safe surfactants. We offer products and services for wastewater treatment, commercial and industrial degreasing as well as soil remediation. At Beyond Environmental, our goal is to be your partner in protecting the environment for generations to come.



Like all other essential components in wastewater pumping systems, lift stations are straining to meet ever-increasing demands. Frequent build-up of FOGs (fats, oils, and grease) and other solids are driving up operating costs in chemical usage as well as pumping and jetting fees. These current treatments are not only costly, but they only treat the symptoms without addressing the underlying problem.

Our **Eco Strong Biologic Lift Station Treatment** is a powerful all-natural solution designed for the majority of lift stations experiencing average loading. For highly loaded lift stations experiencing extreme challenges, we developed **Eco Strong Biologic Lift Station Ultra**, our super-concentrated formulation.

**Eco Strong Biologic Lift Station Treatment** and **Eco Strong Biologic Lift Station Ultra** attack and consume the root of the problem – the FOGs and other organic solids themselves. Our formulations contain the highest quality, scientifically selected, DNA-tested microbial strains which cover a wide range of metabolic processes.

In addition to consuming FOGs, both treatments reduce foul H<sub>2</sub>S emissions and help to eliminate the anaerobic sludge that produces it.

To find out which solution will work for your lift station, contact a Beyond Environmental representative who will help you complete our Lift Station Survey. Once we receive your completed survey, we will put together treatment guidelines, tools and products. This process takes 72 hours from receipt of survey.



	Challenge	Solution
<b>Pumping, Jetting &amp; Clean-Outs</b>	Solids, sludge, as well as fats, oils and grease (FOGs) constantly build up in our lift stations and sewer lines. We spend a lot of time and money on removing these build-ups.	Biological treatment improves the digestion of solids, sludge, and FOGs, preventing them from causing build-ups.
<b>Hydrogen Sulfide (H<sub>2</sub>S)</b>	Hydrogen sulfide (H <sub>2</sub> S) build up in our lift station causes complaints, corroding mechanical and electrical components, and poses serious safety risks for our operators and those around the facility. Everything we have tried is non-preventative, expensive, and capital intensive.	By preventing the growth of bacteria responsible for the formation of H <sub>2</sub> S, bioaugmentation treatment reduces and/or eliminates complaints, corrosion, and safety risks which avoids the need for costly, conventional treatment.
<b>Odor Control</b>	Our lift station smells so bad that we are worried about neighbor relations, lawsuits, and potential fines. The odor control equipment and chemistry we are using is costly and requires specialized equipment and labor to manage.	Treating with bioaugmentation prevents the formation of biological acids and other odorous compounds. As a result, it reduces the potential for complaints and lawsuits without the need to invest in costly chemicals or equipment.

## Directions

**Step 1:** Initial phone call between Beyond Environmental and you (or your technical representative).

**Step 2:** You (or your technical representative) complete a detailed survey, including pictures and submit to Beyond Environmental.

**Step 3:** Within 72 hours (three business days) of receiving the survey, we will propose a complete treatment plan or indicate if your lift station is not a candidate for the program. The plan will explain exactly how to prepare the product, where and when to install, the quantity and frequency, and the cost.

Product Code	Product Name	Quantity	Case Count	Cases Per Pallet
BLS5	Biologic Lift Station	5 Gallon	1	36
BLSU5	Biologic Lift Station Ultra	5 Gallon	1	36
SB	5 Gallon Bucket Bracket	Each	1	NA
LSPB	Lift Station Programmable Pump, Battery-Operated	Each	1	NA
LSP12V	Lift Station Programmable Pump, Battery-Operated w/2 x 6-Volt Batteries	Each	1	NA
LSP120V	Lift Station Programmable Pump, 120-Volt	Each	1	NA

\*These products have a 2-year shelf life and do not contain any ingredient listed on California Proposition 65 and are not regulated as hazardous.