

FROG CREEK PARTNERS Presents the:



***Get your mind into the gutter™
Because Clean Water is a Good Thing™***

THIS IS NEITHER AN OFFER NOR SOLICITATION OF SECURITIES
January 1st, 2020

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About Frog Creek Partners



Frog Creek Partners is an environmental technology company that specializes in stormwater filtration and pollution measurement services. Our flagship products are the **Gutter Bin**® stormwater filtration system and **Mundus Bag**® water filter. It is the most easily maintained, versatile, and attractive stormwater filter on the market.

- Founded in 2016 by Brian Deurloo a former mining engineer
- Present in five major market types in the USA (and soon to be Canada)
- Winner of the 2016 University of Wyoming Technology Business Center Start-Up Challenge.
- A customer service-oriented team with cost effective solutions

Frog Creek Partners Team



Brian Deurloo
President & Founder



Christopher Tippie
Partner, Chief Financial Officer

Frog Creek Partner team specialties:

- *Customer service*
- *Sales support*
- *Accounting*
- *Engineering & Design*
- *Assemblage*
- *Quality control & assurance*
- *Manufacturing oversight*

Outsource to specialists:

- *Metal cutting & fabricating*
- *Structural engineering*
- *Sewing*
- *Specialty filtration media*
- *Legal, Tax, & Insurance*



**7000 sq. ft. (650 sq. m.)
Headquarters next to the
banks of the North Platte
River in Wyoming**

What is Stormwater Pollution?



The filth you see on streets flows unfiltered to the river

Most common pollutants:

- Trash
 - Microplastics
 - Sediment
 - Hydrocarbons
 - Nutrients (fertilizers)
 - Heavy metals
 - Tire treads
 - Cigarette butts
- (4,000,000,000,000+ littered/year)



discharge point

Scientists have proven that 1 cigarette butt placed into a liter of water will kill 5 of 10 fish (nicotine kills animals & insects)

Why is Stormwater Pollution a Problem?

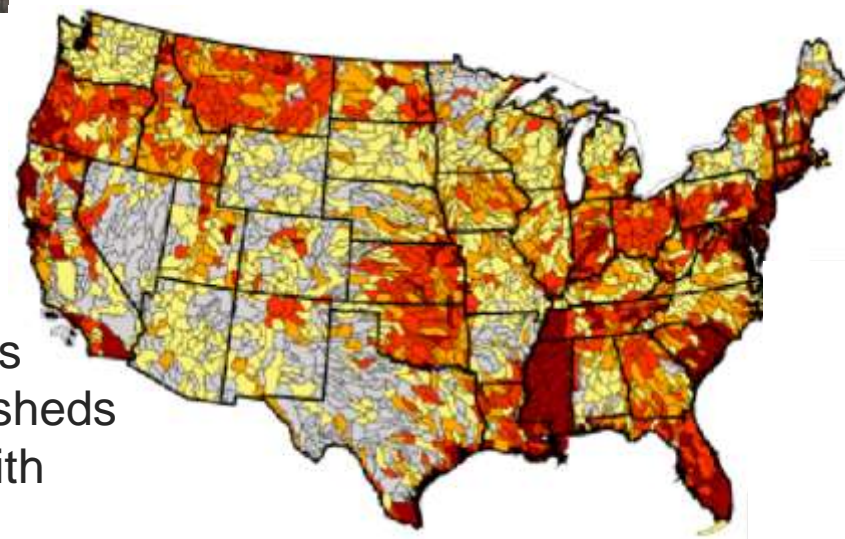


Scientists estimate:

- 28% of USA stream miles are unfit for human recreation
- Ocean plastic may outweigh the fish by 2050
- 29% of the Great Barrier Reef died between 2016 & 2017



Pollution is Earth's cancer



Map depicts USA watersheds impaired with pollution*

What solutions are out there to solve the problem?



- Stormwater enterprise fund/utility
- More frequent vac truck cleaning
- End of pipe separators
- Street sweeping
- Ocean Cleanup Project
- Storm drain filters





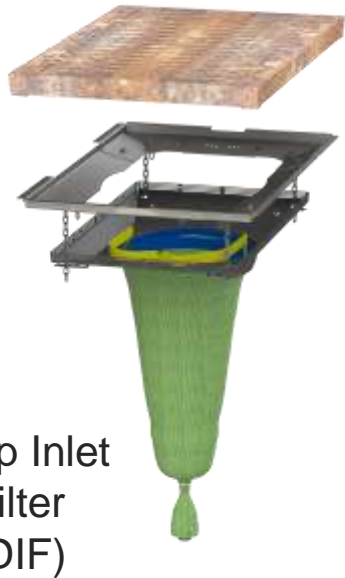
The Gutter Bin[®] Stormwater Filtration System



The patent pending Gutter Bin stormwater filtration system is a filter that removes toxic pollution from stormwater resulting in cleaner rivers and oceans.

Competitive Advantages:

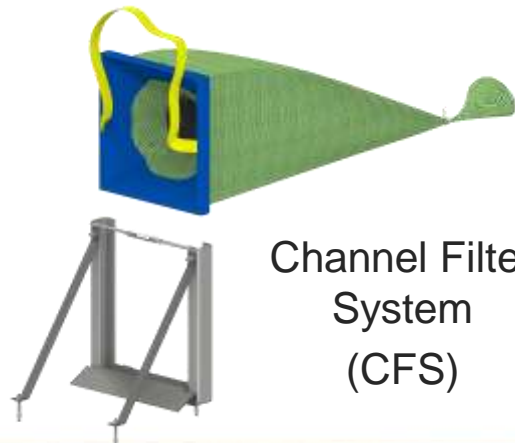
- High hydraulic capacity
- Adjustable overflow
- Measurable results
- Sponsorship & branding
- Customizable filtration
- Chemistry by MYCELX[®]



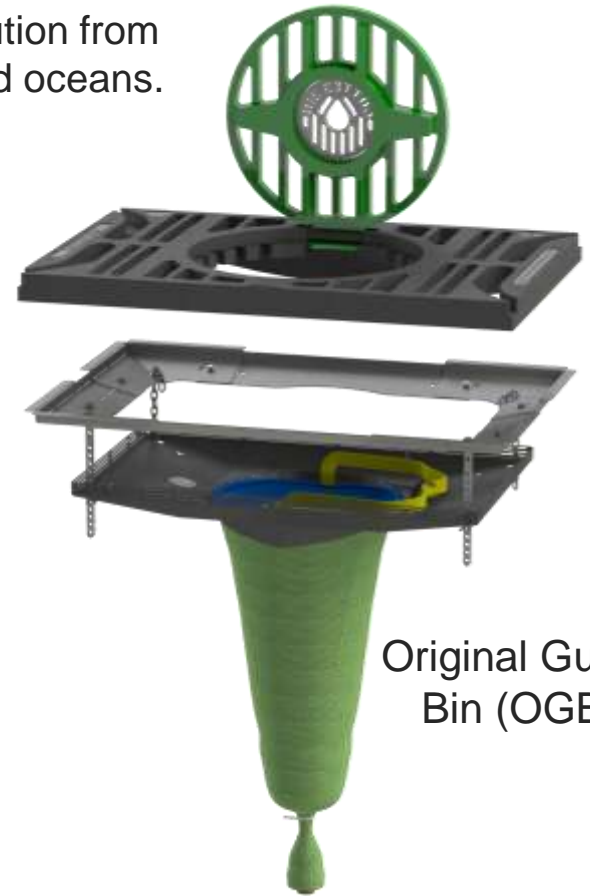
Drop Inlet
Filter
(DIF)



Curb Inlet
Filter
(CIF)



Channel Filter
System
(CFS)



Original Gutter
Bin (OGB)

**100% trash capture tested
& California certified**

Gutter Bin Glamour Shots



Zebra edition
At the Denver Zoo



Basketball edition
for United States Olympic
Committee

Extended Producer Responsibility (EPR) Laws

- Producers of trash
and single use
plastics responsible
for the pick-up and
disposal of litter

Public Private Partnership

Donated Gutter Bins = It's a
win for the community, the
sponsor, and the water!



Wyoming Cowboy edition

Mundus Bag® water filter Models & Capabilities



Mundus Bag® model	Pollutants Removed	Apparent Opening Size (mm)	Reusable (Y/N)
TTC	Total Trash Capture	4.0	Y
TDS	Trash, Debris, & Sediment	0.25	N
SHHT	Sediment, Heavy Metals, Hydrocarbons, Trash	0.01	Y & N
VTF	Vacuum Truck Friendly	0.6	Y



MYCELX Snippet Bag is inserted into any type Mundus Bag to remove hydrocarbons

MYCELX Filter Media



Frog Creek Partners teamed up with MYCELX to make Gutter Bin the best stormwater filter platform in the world



Snippet
Bag

Why is MYCELX the best stormwater filter media?

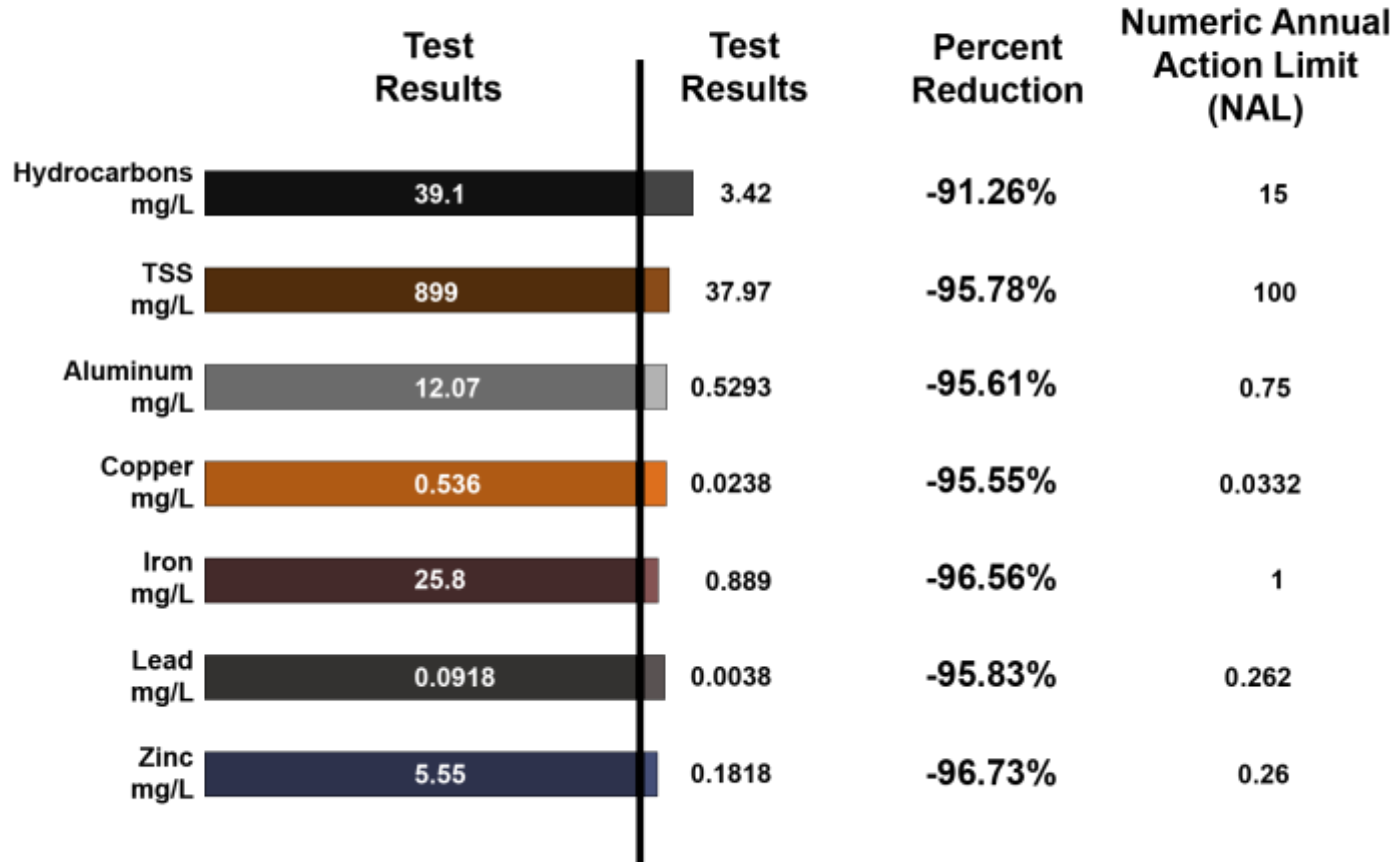
- permanently removes oils, grease and other hydrocarbons from water
- no water retention = lightweight
- Can remove most zinc and PFAS
- Approved for use in Galapagos Islands
- NON-TOXIC and SAFE TO HANDLE

Actual Water Test Results from Industrial General Permittee at a Marine Terminal



Pre Gutter Bin Average

Post Gutter Bin Average



Our customer has the cleanest water of any port facility at POLB and POLA

Note: NAL is highest value allowed for permittee to be considered baseline compliant. Multiple water samples were taken by a qualified third-party water sampler over multiple seasons. Permittee remains at baseline with the help of Frog Creek Partners Gutter Bins equipped with SHHT Mundus Bags.

***Full scale lab tests resulted in a 99.9% removal of oil, sediment and heavy metals**

Gutter Bin Benefits to City

Benefits to city:

- Lower risk of flooding because of clogged pipes
- Comply with water discharge regulations
- Point source filtration requires less real estate than retention/detention ponds
- Public private partnerships donate Gutter Bins to cities
- FOR USE WITH OR WITHOUT A VACUUM TRUCK



It only takes a 3 – 5 minutes to service a Gutter Bin!



Pathway to a Gutter Bin Project in Your City



1. Identify & Measure

- Locate 20 storm drains for microplastic capture ($>0.25\text{mm}$)
- City staff provides dimensions or specifications

2. Engineer, Manufacture, & Transport

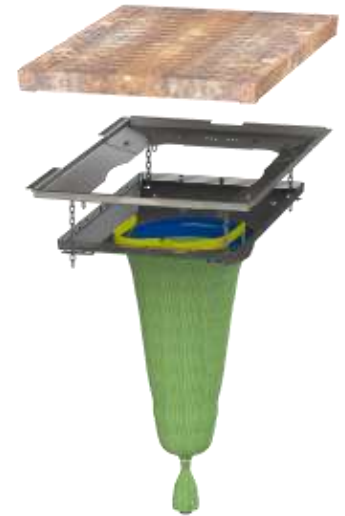
- Engineer & manufacture to specification
- Transport, duty, &/or tariff

3. Install

- Two days for two-person team & truck

4. Maintenance

- Clean 1 to 4 times per year depending upon infrastructure and pollutant load
- 2.5 hours service cycle for 20 Bins
- Replace or reuse Mundus Bags (model dependent)



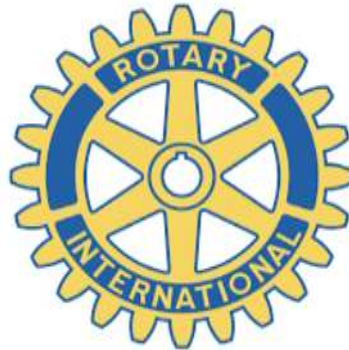
Cost Benefit Analysis Examples



- Denver Zoo Example – saves \$40,000 per year by not having to hydro-jet their storm pipes
- Long Beach Terminal – saves \$20,000- \$100,000/year in extra regulatory compliance costs by staying at baseline
- Intangible cost benefit
 - Lower drinking water treatment costs
 - Lower health care cost
 - Rivers fishable & swimmable
 - Greater biodiversity in the environment (priceless)



Current Customers &/or Pilot Locations





Next Steps



- Identify 20 of your filthiest/problem storm drains for a pilot project location
- Refer Frog Creek Partners to municipalities or industrial facilities who seek stormwater filtration solutions
- Call or email for a quote:

Call: 307-797-7720

Email: heya@frogcreek.partners

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**References to data and statistics available upon request*

Whether you think you can or you can't, you are probably right – Henry Ford

Think differently – Steve Jobs