

## 2019\_August-1\_Newsletter

### Off-Road Safety Academy

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**Hello Newsletter Subscribers,**

Thank you for signing up to receive my training-centric newsletters. I hope you've found the previous editions informative and helpful for your vehicle-supported adventures. I trust you will enjoy this month's newsletter. If you have comments, please email me:

Bob.Wohlers@discoveroffroading.com.

You can access, download, and read previous newsletters on my website here: [NEWSLETTERS](#)



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## **Upcoming Four Wheel Camper Death Valley Tour - October 31- November 3 is Full with a Waiting List. 2020 Tours Now Being Planned.**

2019 launched a great partnership between Off-Road Safety Academy and Four



Wheel Campers. We experimented with this partnership by organizing three 2019 tours - Mojave Road, Parashant National Monument (Grand Canyon North Rim), and Death Valley. All three tours filled within hours after their initial announcement

by Four Wheel Campers.

The tours are ONLY for trucks with Four Wheel Campers on them. All qualified trucks must have 4WD 4-Low gearing capability, moderate ground clearance, a full-size spare tire, and front and rear frame-mounted recovery points. Some tours may have additional truck requirements.

At this point, we are thinking of planning up to six 2020 tours. We will again organize tours for the Mojave Road, Parashant National Monument, and Death Valley. In 2020 look for possible new tours on the Kokopelli Trail (between Grand Junction, CO and Moab, UT), Black Rock Desert, and Baja California, Mexico.

**YES! Baja Mexico.**

Stay tuned for more information on these tours as we get closer to 2020.

**Bob is a fully Permitted National Park Service and BLM Outfitter and Tour Guide. You can trust Bob to lead you safely on Public Lands!**



## Bob Conducts Four Different Clinics at NW, BC, and Rocky Mountain Overland Rallies



This year's overland rallies were packed with enthusiastic attendees. All three events were a huge success for organizers Ray Hyland and Mario Donovan. Everyone enjoyed the relaxing social and family atmosphere, in-field realistic training, food,

libations, raffle, story-telling, vehicle project builds, and dedicated vendors. For a first year event, the Rocky Mountain Overland Rally near the delightful town of Gunnison, CO, was well organized and attended. The RMOR was without a doubt the best first year overlanding event I've ever been to.

At each Rally, Off-Road Safety Academy conducted FOUR training clinics: 1) Basic Winching, 2) Traction-Aided Recovery, 3) In-Field Tire Repair, and new this year 4) In-Field Welding. All clinics were HANDS-ON - with active attendee participation. These clinics were NOT lectures. Attendees were able to perform skills.

Look for all three Rallies again next year. I hope to see you there in 2020!



# Review From the Field – The GuzzleH2O Water Disinfecting System



*The GuzzleH2O Stream in Action*

**"The single biggest threat to man's continued dominance on the planet is the virus." –Joshua Lederberg Ph.D.**

As with any outdoor recreation, overlanding requires potable water for washing, drinking, and cooking. Multi-day backcountry outings require a thoughtful strategy for water storage, usage, and conservation. If water is needed from natural sources, your plan also needs to include disinfecting water. Your goal is to eliminate most of the *crunches*, *critters*, and *chems* from natural

water sources. Crunchies include the sediment and inorganic material found in most natural water sources. Critters are the living microorganisms that can cause waterborne illnesses: viruses, bacterial, and protozoa. Chems are the dangerous

inorganic elements or compounds found naturally or man-caused in water.

Believe me, if you've ever had Giardia, Cryptosporidium, bacterial or virus waterborne illnesses in the field, you know how bad you can feel - often for days or weeks. The common Traveler's Disease goes by several names: Beaver Fever, Montezuma's Revenge, or Delhi Belly.

My first book "Live Long to Wander - Basic Survival for Vehicle Supported Adventures," includes an entire chapter On Disinfecting Water in the Field. Although the chapter covers the basic principles of water disinfection in the field, it also highlights kit you need to accomplish complete water disinfection.

The major topics in the chapter include: 1) Pre-Filtering Water, 2) Heat Disinfection, 3) Filter Disinfection, 4) Chemical Disinfection, and 5) Ultraviolet Radiation, Sunlight, and Combined Photochemical Processes Disinfection. As I state right upfront in the chapter, "Survival experts agree that water treatment should be a multi-step process, involving at least two of the four primary techniques discussed in this InfoBook." Enter the newly released "Stream" GuzzleH2O multi-step water disinfection system.

I first saw the GuzzleH2O "Stream" at Overland Expo West, 2019. It was here I met Tyler Bech one of the partners at GuzzleH2O. We arranged for me to secure a "Stream" for use and evaluation. I can safely say, the GuzzleH2O "Stream" is one of the very best water disinfection products I've had the honor to use.

On my recent trip to Prudhoe Bay through Alaska, the Yukon, and British Columbia Canada I knew I would need a method of disinfecting water in the field. This was a long trip and since I love my hot water showers every evening from my Four Wheel



Camper, I realized I'd be repetitively draining and filling my camper's 26 gallon

receptacle. However, I knew I would not be near townships to source clean, local municipal water.

During backcountry adventures like my Alaska trip, I never put non-potable water in my camper's water receptacle. I like relaxing in the camper, turning on the sink's tap and being assured that I'm drawing potable water - each time, every time. I don't want bio-cultures of protozoa, bacteria, viruses, or algae growing in my camper's water containers (yuck). This means you have to start your journey with a disinfected/clean receptacle (chlorine shock treated; another topic) AND only add potable water during the journey.

So, how does one *quickly* add 26 gallons of potable water from a river, stream, or pond beside a trail? Well, "quickly" is the key word. There are plenty of ways to laboriously or slowly add potable water from natural sources, but I wanted a way to stop beside a natural water source and in just a few minutes, fill up my camper with potable water. For example, I didn't want to do any manual labor (like a hand-pump water filter) to fill the camper. This would take forever!



The GuzzleH2O "Stream" is a multi-filter and ultraviolet (UV) radiation water disinfection powerhouse. The "Stream's" box size is roughly 12x12 inches in size (very small) and contains a powerful and rechargeable lithium ferrite (LiFePO4) battery,

FloJet water pump, GAC (granular activated carbon) 0.5 micron filter, AND an LED UV-C radiation chamber for complete water disinfection - even destroying viruses!

*As a point of clarification... UV radiation does not actually kill any microbes found in a natural water source. Rather, UV radiation destroys the nucleic acids in waterborne microorganisms. This render them unable to reproduce and cause*

*illnesses. The advantages of UV radiation disinfection is that you don't have undesirable color, odor, or tastes from chemicals, AND no wait time for complete disinfection.*

The "Stream" provides a pre-filter that covers the water intake. As the pump sucks in water, the pre-filter keeps sediment and particulate matter from entering the filter box and thus your water receptacle.



In Alaska, there always seemed to be quite a distance between the pond, river, or stream and my camper. As you can see in the earlier photo, there often was an uphill slope to get the water into the camper. The "Stream's" battery and water pump were always up to the task of pushing water uphill and into my camper.

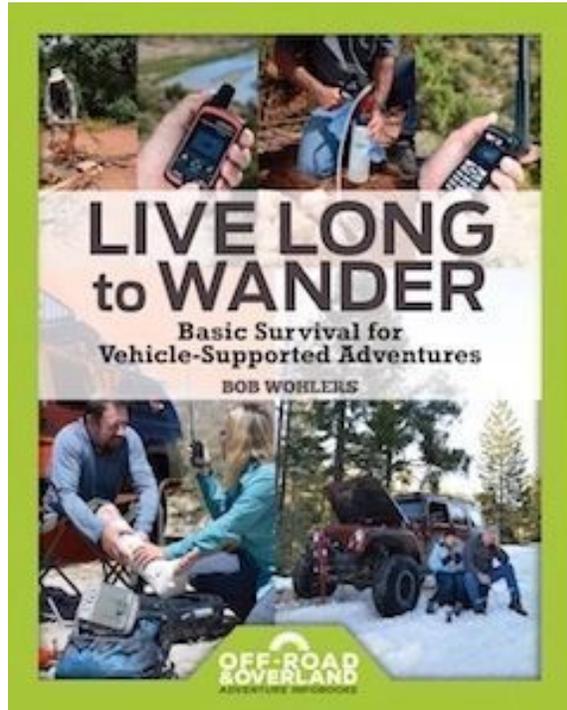
During one refill stop, my water receptacle completely empty. That 26 gallon refill process took about 30 minutes. All that was required of me was to push to "ON" button on the GuzzleH2O "Stream's" box and fish the river while filling the camper. A 30 minute fill time is very impressive for such a small unit. Typically however, I was never completely out of water so my refill times were often around 10 to 15 minutes.

I'm personally giving the GuzzleH2O "Stream" a big thumbs up. Since I own multiple 4WD overlanding vehicles, I prefer the "Stream's" portability. However, if you only use your camper or trailer in the backcountry, you might consider getting GuzzleH2O's "Spigot Stealth" model and permanently mounting it between your water receptacle and water outlets.

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**For the total “poop” on in-field**

water disinfection and MORE, get my book Live Long to Wander – Basic Survival for Vehicle Supported Adventures on Amazon. Link here.



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## **My Third Book Is For Sale On AMAZON (And It's A Monster – 352 Pages!)**

**If you get stuck when you are off-road, remote, and solo, do you know how to self-recover?**

**If you happen upon another vehicle stuck in the backcountry do you have the knowledge, skills, and kit to safely help this person on their way?**

**THE TOTAL APPROACH TO GETTING UNSTUCK OFF ROAD**  
4WD Self-Recovery & Vehicle-Assisted Recovery

You are bogged down in deep gumbo-like mud and very much stuck. Hissssss. You again hear a tire leaking. You've just had your second flat in one day. Four out of spare tires.

Your off-road trailer bounces off a large rock during a sharp turn and lands on its side. Your 4WD truck is high-centered on a ridge perpendicular to the trail. Wheels on both sides are off the ground and spinning with no traction.

While driving an icy route, your vehicle slips down into a deep rut on the side of the trail and almost tips over. Snow from the middle of the trail has piled up under your vehicle and your forward motion is halted.

Smoke begins to billow from under your engine hood. Your vehicle is on fire in the remote backcountry and you are alone. You are stuck in beach sand up to the vehicle's frame and the tide is coming in quickly.

You get the point. If you've never been stuck in the remote backcountry, then you've not been off-roading or overlanding enough. Someday, you will get stuck. It happens to everyone. Congratulations on purchasing this InfoBook in preparation for that day.

These examples only scratch the surface of the many ways vehicle-supported adventurers can get stuck off road - in the mountains, desert, or tropics. There are thousands of ways to have your progress terminated or hampered while driving off road. This InfoBook is about how to recover from being stuck off road.

**Topics include:**

- How to use the STOPA Stuck Assessment and Recovery Plan Checklist™
- Field Repair Recovery
- Traction Recovery
- Powered Winch Recovery - Self-Recovery & Vehicle-Assisted Recovery
- Hand Winch Recovery
- Kinetic Energy Recovery
- Towing Recovery

THE TOTAL APPROACH TO GETTING UNSTUCK OFF ROAD

BOB WOHLERS

OFF-ROAD & OVERLAND ADVENTURE INFOBOOKS

My third book in the series is here! There is NO other book like this on the market, anywhere on the planet. \_The Total Approach to Getting Unstuck Off Road\_ is the MOST complete treatise on the subject ever.

Topics will include:

- \* How to use the STOPA Stuck Assessment and Recovery Plan Checklist
- \* Field Repair Recovery
- \* Traction Recovery
- \* Powered Winch Recovery - Self-Recovery & Vehicle-Assisted Recovery
- \* Hand Winch Recovery
- \* Kinetic Energy Recovery
- \* Towing Recovery

**You NEED this book!**



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