

House Interim Committee On Veterans and Emergency Preparedness

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18 OCTOBER 2020

INVITED TESTIMONY –

HIT WATERSHED'S PPE AND EMERGENCY QUARTERS SURGE KITS

Russ Monk

Director of Operations/Co-Owner and Inventor

Salem

Our core belief is “Make your own, protect your own.”

The Surge Kit invention we share today, force multiplies a community's ability to pre-plan, pre-stage for their own protection and readiness through simple, self-determined Surge Kits™.

History of WaterShed and High Impact Technology, LLC

Watershed is a 35-year-old, Salem-based rainwear manufacturing company employing 45 people.

High Impact Technology, LLC, WaterShed's mother company, is a military protection technology development company, also putting local Oregonians to work.

PPE Production in Salem

In April, WaterShed retooled our rainwear factory to produce PPE cover gowns for our Mid-Valley hospitals and have produced and delivered over half a million units.

Nationwide, material shortages meant we could not procure enough PPE material to meet demand, so we invented our own fabric. To date we have consumed over 500 miles of our PPE fabric at our Salem plant, making PPE for our local hospitals.

We have also created a strong alliance with Emergency Management, Industry, and Oregon Corrections Enterprises (OCE). This alliance allows the horsepower of all three

teams to focus and produce pre-event solutions and stage them forward. This alliance can also expand in a way to aid Cascadia Earthquake solutions, and create jobs in Oregon.

Surge Kit™ Invention

Organized within the 40" x 48" standard pallet size footprint, x 80" tall painted steel container. This steel container or 'locker' can be filled with a wide range of solutions.

PPE Surge Kit (Tru-Blu Protection Surge Kit)

- A PPE production Surge Kit™ can be pre-staged in strategic locations or Open Spaces, to allow ongoing PPE cover gown production if needed.
- This two-container PPE Surge Kit contains 10,000 pre-cut, unfinished cover gowns, and everything it takes to convert them into the finished product.
- The PPE Surge Kit also contains 1,000 *finished* PPE parts (Masks, glove pairs, and cover gowns) to provide immediate use, on the day needed.

Emergency Quarters Surge Kit (Red Surge Kit)

- The Surge Kit™ design evolved when the challenge of sheltering or providing a 'soft landing' for displaced individuals and families was posed to us: what would it take to make a "Village in a Day" for 150 people for 14 days.
- The "Village in a Day" challenge was driven and is being vetted with EM and first responders to tune Surge Kit™ for local use and they can be adjusted by region or need.
- This evolved into our Emergency Quarters Surge Kit, pairing a 15' x 18' military quick-set tent to our Surge Kit™.
- Each Emergency Quarters Surge Kit has one quick-install tent and provisions to sustain 8 people for 14 days: the fires and flooding this year are perfect examples of where this Emergency Quarters Surge Kit could have been deployed.
- For a 150-person solution, 19 Emergency Quarters Surge Kits, with optional and recommended two porta potty sets, and a small command center can be set up in hours.
- Approximately 80% of the cost of the Surge Kit™ can be recycled/reused with only consumables needing replacement.
- The relationship with OCE allows long term stocking/replenishing to be accomplished over time and at a sustainable cost.

- Both the PPE production and pre-staged Emergency Quarters Surge Kit™ solutions should fall under FEMA-allowable funding; the Cares Act also offers funding opportunity.

The majority of the products in the Surge Kit options are sourced from local companies, supporting creation and sustainment of Oregon jobs. All of the pieces are ready to engage locally.

We are honored to be here and honored to bring these solutions together with you, and with Oregon.

“Make your own, Protect your own”

Ken Jeske
Administrator
Oregon Corrections Enterprises

OCE / WaterShed- Supporting Oregon

OCE and Watershed have partnered, leveraging our products and services to provide governmental agencies and communities with an emergency needs deployment system called a “Surge Kit.”

This Kit will provide emergency shelter and supplies within hours of identifying a need for homeless folks or as a result of a natural disaster. Quick deployment of this system will give people in need immediate hope while the Emergency Management system provides a more long-term strategy.

WaterShed provides a fully stocked, tailored-to-local-needs Surge Kit to fit customers’ specific needs.

Stable Community Support Program

OCE can provide ongoing Service Agreement support to Surge Kit customers to ensure Kit content inventories are tracked, and expired products are updated on schedule.

OCE will identify the replacement cycle/frequency with the customer to ensure the products are fresh and ready for deployment. The customer may choose to adjust the Surge Contents provided by WaterShed.

Sustaining Community; Supporting AIC Work Opportunity Programs

Previously deployed Surge Kits may be transported to a Salem area OCE program location for refreshing under an OCE Service Agreement or purchase order.

- OCE will inventory all items received and inspect for loss, damage and replacement needs
- OCE will provide customer an itemized list of services such as refurbishing/restocking of the Surge Kit to the customer to approve before work begins
- All Tents will be shipped (or prepared for shipping) to the tent manufacturer for inspection, cleaning and repair before return to OCE for redeployment back to the customer
- OCE will ensure the Surge Kits are returned to the customer as soon as possible

Lorraine Churchill
Emergency Manager
A1M, LLC

Current Picture

Current and currency
Gap in Need

Fiscal Benefit

COVID, Disasters and our Economy

- Fiscal Stewardship
- Going Green is an Oregon anthem
 - 'Recycling' our federal tax dollars
 - Recycling our response
- Grants utilization
 - Emergency Quarters Surge Kit replenishment synced to local exercise and training requirements

Whole Community

Your Emergency Management partners
LEPC (Local Emergency Planning Committee) Whole Community ethos
Oregonians coming together to "Make your own, Protect your own."

Q&A Opens -