

September 23, 2020

MEMO TO: EDB Committee

F R O M: Alice L. Lee, Council Chair



SUBJECT: **TRANSMITTAL OF INFORMATIONAL DOCUMENT RELATING TO LEGISLATION AND DISCUSSION ON THE EFFECT OF THE CORONAVIRUS PANDEMIC, RULES, CARES ACT, AND RELATED ISSUES** (EDB-85)

The attached informational document pertains to Item 85 on the Committee's agenda.

Please contact Kevin Watkins at kevin@mauisustainableolutions.com when this item is scheduled for discussion.

Attachment

Updated Guidance for Hawaii State & Counties PPE Vending & Drinking Water Stations to Mitigate COVID-19 Contact Infection and Reduce Factors Affecting Climate Change

Within the current pandemic, we must redefine and change our infrastructure to adapt to a new paradigm that supports the health and safety of our communities, our guests and the 'aina. One simple solution is to provide touch-free dispensing systems of essentials to our community. Access to Personal Protective Equipment (PPE) equipment and clean drinking water to our community will enable safer practices while standing as a beacon of sustainability. CARES ACT funding could cover this infrastructure upgrade because our current systems are not advanced enough to meet these new challenges. Operating during this pandemic and future emergencies requires comprehensive water treatment to help ensure complete elimination of threats by viral outbreaks, while proactively supporting the health of our community through essential health support infrastructure.

Simultaneously, with the ongoing COVID-19 pandemic, we can provide hands-free PPE vending machines. These can be distributed in key strategic locations to proactively address viral spread. Access to these essential items at our airports, schools, hospitals, government buildings, harbors and public facilities can effectively mitigate viral spread with easy affordable 24/7 access. As our case numbers continue to increase it is imperative that we rapidly distribute these solutions to counteract the rising pandemic tide.

Below we want to show the major benefits of these state of art machines and the sections of the CARES ACT that would justify these expenditures. Our systems provide a comprehensive approach in the following ways.

1. COMMUNITY HEALTH

PPE Vending: The greatly increased need for PPE caused by the COVID-19 pandemic has caused PPE shortages, posing a tremendous challenge to the U.S. healthcare system.

Providing plentiful access to choices allows our community to easily engage in safe practices to assist in mitigating the ongoing pandemic. We can retail all multiple versions of all the preventive equipment such as face masks, hand sanitizer, soap, thermometers, face shields and gloves.

All are sourced and manufactured in the United States.

We have vendors for:

- Individual and bulk packaged face masks, including disposable single-use, KN-95, cloth generic and Hawaiian-print locally made options.
- Individual 2 and 4 oz. hand sanitizer containers, and bulk hand sanitizer wipes.
- All-in-one hygiene kits
- Nitrile gloves and multi-use thermometers
- Portable and rechargeable UV-C sanitizers for mobile devices and personal items

Water Stations:

We all know that *water is life*. Having access to clean drinking water is a necessity. Our systems are hands-free, making them a smart choice for preventing the spread of infection. They make water cleaner than most systems available on the market, more accessible and even better tasting. The FloWater® stations will help build good hydration habits in the community. Chronic dehydration is a proven amplifier of disease. Additionally, agricultural chemicals that are used currently and historically remain present in our solid which can seep into water sources. These systems provide the cleanest water possible on the market today removing these common contaminants: *dirt, rust, lead, suspended solids, chlorine, fluoride, bacteria, viruses, heavy metals, pharmaceuticals, pesticides, herbicides, dissolved solids, and more*.

Furthermore, FloWater® improves the water with premium, natural elements, like electrolytes (magnesium, potassium, sodium and calcium) trace minerals, increased alkalinity, and activated oxygen. The benefits include: supporting immunity, increasing hydration, reducing acidification, and promoting detoxification of the body. All of which are imperative to support in light of this crisis for our community.

Finally, FloWater® is delivered via reusable containers, so with every refill, FloWater® users are eliminating the toxicity, chemical leaching, and plastic waste caused by plastic water bottles.

2. SANITATION

PPE vending: According to the Centers for Disease Control and Prevention (CDC) contaminated surfaces and objects including paper money and coins present a transmission risk for many infectious diseases. This has accelerated consumers' preferences to transition away from making contact payments, such as cash or even credit cards, to contactless, cashless payments.

We will provide vending and dispensing solutions making safe travel an attainable part of every traveler's journey, and also allowing all of our community access to the essential PPE they need. This will help ensure they feel safe and are limiting potential exposure points by a seamless, contactless transaction.

Water:

These systems are the most sanitary on the market. The design, even before the pandemic, was meant to be hyper-hygienic. These systems can dramatically reduce the spread of COVID-19, while supporting our local community with a life necessity.

FloWater® Refill Stations have been designed for maximum hygiene and sanitization and include:

New Hands-Free Foot Pedal Operation

**Flat, soft-touch buttons that are easily cleansed by wiping with standard disinfecting*

wipes*

A large fill area with a fully recessed dispensing nozzle with no bottle contact, eliminating potential cross-contamination from bottle to bottle

** Designed for refillable usage only, as opposed to combined bottle-filler/drinking fountain stations; to deter after-sales of 'free' FloWater®**

3. HOMELESS SUPPORT

PPE vending: Improved access to PPE for people experiencing homelessness, with limited access to bat or hand-washing facilities, especially in unsheltered situations, live in an environment ripe for infectious disease transmission. It is crucial to address the needs of this vulnerable segment of the population. COVID-19 has the potential to quickly spread through living environments that lack access to adequate sanitation.

Water:

Due to the pandemic, we have a rising homeless and houseless population, and with requirements like mask wearing, these people may have even less access to clean drinking water than previously. Our systems would potentially benefit this group of our ohana the most. They are one of the highest risk groups for being infected with and spreading the virus, so having access to clean drinking water would support their health and well-being immensely.

4. ECONOMICS

PPE vending: The benefits of PPE machines are centered around safety, convenience of product sizes, and cost and control as consumers can access PPE on demand. The dispenser tracks items requested, allowing for understanding of usage and users. A PPE vending machine also manages inventory more efficiently. For airport locations beyond security checkpoints all of the items available in the machines are Transportation Security Administration-compliant.

Water:

Maui residents are one of the hardest impacted communities in the nation, with skyrocketing unemployment, and the Unemployment Insurance (UI) and Pandemic Unemployment Assistance (PUA) systems failing to provide resources for far too many residents. These stations will primarily benefit our local communities more than they benefit our visitor industry. Free, clean drinking water keeps our people dollars in their own pockets or available for supporting local businesses, instead of letting the massive mainland and foreign water companies profit off of our communities' plight.

Proposed Advertising Revenue Template

These machines are large, specifically 5'8" tall, with an 18"x 16" base. Each of the side panels, the upper front panel, and the lower front panel can be optimized as an advertisement space to generate revenue for passive income and to recoup initial set-up costs.

Advertisements would be custom wraps that are cut to fit each panel. The following is an example of proposed advertising revenue, clients could adjust to pricing to fair market value of advertising.

The front panels would sell at the highest rate, because they are backlit with LED lighting and are placed in the optimal position for exposure.

The PPE vending solutions have state of the art digital integration with large display screens that provide a comprehensive and diverse capability for advertising. Many of the PPE vending systems also encompass a large surface area that can be utilized in the same way as the water distribution systems.

Small 8x11 Ad - \$100 monthly, \$1000 annually

Full side panel (x1) - \$300 monthly, \$3,000 annually

Full side panel (x2) - \$500 monthly, \$5,000 annually

Front Top Panel - \$400 monthly, \$4,000 annually

Front Bottom Panel - \$500 monthly, \$5,000 annually

Both Front Panels - \$800 monthly, \$8,000 annually

Full Machine Advertisement - \$1000 monthly, \$10,000 annually

We suggest a partnership with existing media enterprises such as local for profit and non-profit companies to manage the advertising component effectively.

5. GLOBAL CLIMATE CHANGE- PREVENTING POLLUTION

Water:

Hawaii is a state that is at the forefront of combating global climate change and plastic pollution. FloWater® is a zero-waste water refill station, so use of FloWater® reduces single-use plastic waste, benefiting marine life and reducing the energy consumption of single serving water bottling manufacturing.

6. EMERGENCY & DISASTER PREPAREDNESS

PPE Vending:

In acknowledging the possibility and likelihood of emergency, having these systems strategically located at community resiliency hubs enables the community to gather safely in the event of emergency events.

Water Stations:

We regularly face the risk of natural disasters such as hurricanes, volcanic eruptions, earthquakes, tsunamis, and flooding. With these systems strategically located across the island we can create a cultural shift in having our community be 'disaster ready.' Currently, given even minimal warning, people will prepare by 'hoarding up' on bottled water, as well as other plastic bottled drinks, then go through them, dispose of them (some might be recycled, but many are not), and repeat the process for every emergency. We can provide our community with the

infrastructure to easily use those refillable containers and drastically reduce pollution while increasing community resilience and preparedness.

SYSTEMS IN USE

PPE Vending:

PPE vending machines are deployed in New York City across the subway system, airports, subway stations, bus stops and many other locations. Also, already in use at airports like Burbank, Anaheim, Las Vegas; there is soon to be a roll out at over twenty-seven airports across North America.

Water Stations:

Local Hotels on Maui such as the Fairmont Kea Lani, the Sheraton Maui, Royal Lahaina, Marriott's Maui Ocean Club, Westin Ka'anapali Ocean Resort Villas, Grand Wailea have FloWater® stations already installed and have expressed interest in obtaining more once the strength of the visitor industry warrants the expenditures. They are seen as a dual-purpose sustainable hydration solution for both guests and staff.

Small businesses such as The Gym Maui, Kula CBD, Body Renewed Hawaii, and Hawai'i Life Paia have also had FloWater® stations installed. Across the country, large, franchised corporations such as O'Neill, Hurley, CrossFit and Soul Cycle have emplaced FloWater®. In addition, UC Berkeley, UNLV, and the County of Marin, California have made FloWater® part of their infrastructure.

CARES ACT

The CARES Act provides that payments from the fund may only be used to cover costs that are necessary expenditures incurred due to the public health emergency with respect to the SARS-CoV-2 novel virus, 2019 (COVID-19). These costs are those that were not accounted for in the budget most recently approved as of March 27, 2020 (the date of enactment of the CARES Act) for the State of Hawaii government; and that were incurred during the period that begins on March 1, 2020, and ends on December 30, 2020.

The guidance that follows sets forth the Department of the Treasury's interpretation of these limitations on the permissible use of Cares Act Fund (Fund) payments.

- Necessary expenditures incurred due to the public health emergency.
The requirement that expenditures be incurred "due to" the public health emergency means that expenditures must be used for actions taken to respond to the public health emergency. These may include expenditures incurred to allow the state, territorial, local, or tribal government to respond directly to the emergency, such as:
- By addressing medical or public health needs, as well as expenditures incurred to respond to second-order effects of the emergency, such as by providing economic support to those suffering from employment or business interruptions due to COVID-19-related business closures. Funds may not be used to fill shortfalls in

government revenue to cover expenditures that would not otherwise qualify under the statute.

- Although a broad range of uses is allowed, revenue replacement is not a permissible use of Fund payments. The statute also specifies that expenditures using Fund payments must be “necessary.” The Department of the Treasury understands this term broadly to mean that the expenditure is reasonably necessary for its intended use in the reasonable judgment of the government officials responsible for spending Cares Fund payments.

Nonexclusive examples of eligible expenditures include, but are not limited to, payment for public health expenses such as:

- Expenses for communication and enforcement by State, territorial, local, and Tribal governments of public health orders related to COVID-19.
- Expenses for acquisition and distribution of medical and protective supplies, including sanitizing products and personal protective equipment, for medical personnel, police officers, social workers, child protection services, and child welfare officers, direct service providers for older adults and individuals with disabilities in community settings, and other public health or safety workers in connection with the COVID-19 public health emergency.
- Expenses for disinfection of public areas and other facilities, e.g., nursing homes, in response to the COVID-19 public health emergency.
- Expenses for technical assistance to local authorities or other entities on mitigation of COVID-19-related threats to public health and safety.
- Expenses for public safety measures undertaken in response to COVID-19.
- Expenses for quarantining individuals
- Expenses of actions to facilitate compliance with COVID-19-related public health measures, such as food delivery to residents, including, for example, senior citizens and other vulnerable populations, to enable compliance with COVID-19 public health precautions.
- Expenses to facilitate distance learning, including technological improvements, in connection with school closings to enable compliance with COVID-19 precautions.
- Expenses to improve telework capabilities for public employees to enable compliance with COVID-19 public health precautions.

NYC Transit
PPE Vending (1)



NYC Transit
PPE Vending (2)



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Photo



vengolabs

34th Street–Penn Station





YOUR EMPLOYEES WORK HARD, SO WHY NOT REWARD THEM WITH THE BEST HYDRATION AVAILABLE?

FloWater removes the toxins and impurities that may remain in your tap water, including:

- dirt
- dust
- rust
- chlorine
- radon
- fluoride
- bacteria
- viruses
- heavy metals
- hydrogen sulfide
- pharmaceuticals
- pesticides
- herbicides
- dissolved solids

Yes - all these can be found in tap water!

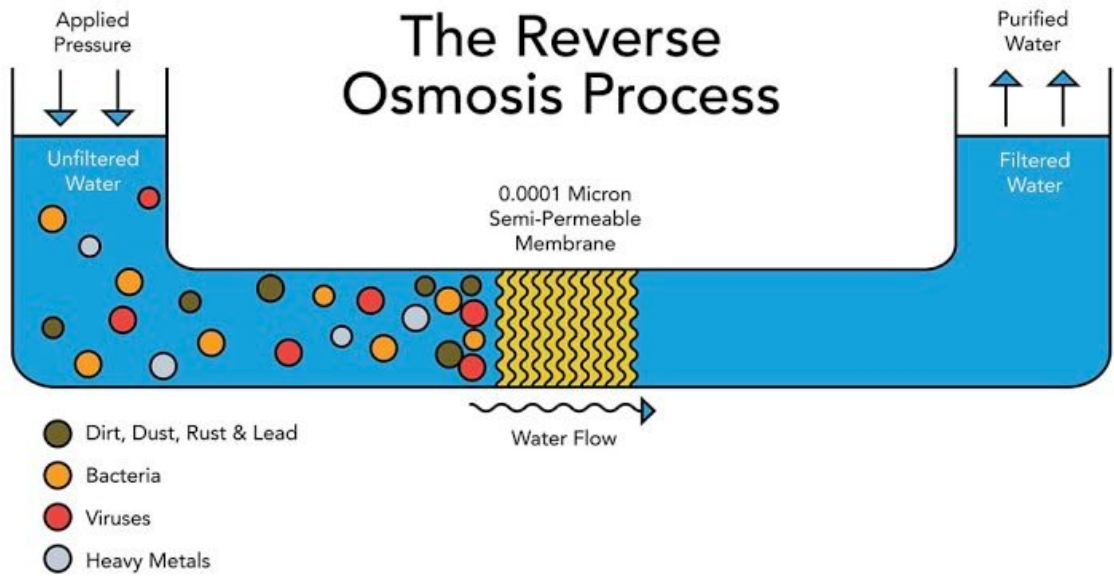
FloWater enhances the water with:

- essential electrolytes
- key trace minerals
- activated oxygen

FloWater finishes the water with a coconut carbon filter for a crisp, fresh taste that your employees will love!







THE 7-STAGE PURIFICATION SYSTEM

