

U.S. Environmental Protection Agency  
Office of Environmental Justice and External Civil Rights (OEJEER) 1200  
Pennsylvania Ave, N.W.  
Washington, DC 20460

To Whom it May Concern:

I am writing in enthusiastic support of Kimberly L. King's application, *Ecosan Dry Toilet System for West Oakland, CA—Everyday brilliance for disaster resilience*, for the Environmental and Climate Justice Community Change Grant under the EPA's Office of Environmental Justice and External Civil Rights (OEJEER). For 14 years, I have worked to reform building codes for ecological sanitation systems, including as lead author of composting and urine diverting toilet chapter for the ANSI/IAPMO WE Stand and the urine diversion appendix of the upcoming 2027 International Plumbing Code.

Ms. King and Ole Ersson contacted me in 2018 regarding their efforts to develop a container-based sanitation system compliant with the 2017 WE Stand. I was deeply impressed by the depth of Ms. King's knowledge and engagement with the subject of sanitation and her attention to the intersection of infrastructure design and equity. The plans and operations and maintenance manual she developed for that project were instrumental in receiving approval from the Portland, Oregon Alternative Technology Advisory Committee, marking a first-in-the nation plumbing approval of standards-compliant container-based sanitation system.

I have full confidence in Ms. King's ability to design and operate a safe and sanitary container-based sanitation system using the latest best practices and standards. Outside the US, container-based sanitation is a leading strategy for the provision of sanitation in informal and temporary settlements, as demonstrated by the Container-Based Sanitation Alliance and World Bank funded projects such as Sanivation. The crisis of housing security in the Bay Area is exactly the sort of situation in which container-based sanitation provides the greatest benefits. The Ecosan Dry Toilet System proposed by Ms. King will fill a much-needed gap in Oakland's sanitation network, providing dignity and improved health to those who lack secure housing.

I strongly recommend funding Ms. King's proposed project. It addresses the immediate needs of the residents of Wood Street Commons and provides a scalable example of an affordable, self-sustaining, and vital public health intervention.

Please do not hesitate to contact me for further information.

Thank you,

A handwritten signature in dark ink, appearing to read 'Mathew Lippincott', with a stylized flourish at the end.

Mathew Lippincott

Regulatory Lead

NSF Convergence Accelerator Track K: Advancing Equitable and Circular Water Solutions Through Source Separation.

# *Steven DeCaprio*

*Nonprofit Leadership and Stakeholder Engagement*

1301 Southhall Road, Birmingham, AL 35213

510-485-1637

stevendecaprio@gmail.com

September 23, 2024

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U.S. Environmental Protection Agency  
Office of Environmental Justice and External Civil Rights (OEJECR)  
1200 Pennsylvania Ave, N.W.  
Washington, DC 20460

## **Re: Letter of Support for Kimberly King**

To Whom it May Concern,

I am writing to offer my strong support for Kimberly King's application for the Environmental and Climate Justice Community Change Grant under the EPA's Office of Environmental Justice and External Civil Rights (OEJECR). I have over 30 years of experience leading environmental and civil rights projects and campaigns. During my time as CEO and Board President of Land Action, I had the privilege of collaborating with Kimberly on several critical housing and environmental justice initiatives, and I believe she is exceptionally qualified to lead efforts that will address the urgent needs of West Oakland's curbside communities.

Kimberly has a longstanding commitment to uplifting historically disadvantaged populations through innovative, pragmatic solutions. Her work has consistently focused on providing dignified, safe, and sustainable housing solutions to those who are most vulnerable. I have witnessed firsthand her ability to engage diverse stakeholders, from community members to city officials, in order to implement transformative projects that tackle both housing insecurity and environmental challenges.

In particular, Kimberly's visionary leadership and deep understanding of the complex interplay between housing, sanitation, and environmental justice make her an ideal candidate for this grant. She has demonstrated a remarkable ability to craft scalable solutions that prioritize the health and well-being of curbside communities while addressing the environmental impacts associated with homelessness. Her work on sustainable, adaptable tiny house solutions and her expertise in urban agriculture highlight her forward-thinking approach to community development.

If awarded this grant, I am confident that Kimberly will deliver impactful and sustainable results. Her comprehensive, community-driven proposals will not only improve living conditions for West Oakland's curbside residents but also create pathways for long-term environmental and social resilience.

## Letter of Recommendation for Kimberly King



Kimberly King is an extraordinary advocate for environmental and social justice, and I offer my full support for her grant application. I am confident that her leadership will result in meaningful and lasting change for West Oakland's most underserved communities.

Please do not hesitate to contact me if you require further information.

Sincerely,

A handwritten signature in black ink that reads "Steven DeCaprio". The signature is written in a cursive style and is set against a light gray rectangular background.

Steven DeCaprio

# Carol McCreary

650 Hudson Place, Port Townsend, Washington 98368 (503) 984-4081 carol.mccreary@gmail.com

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September 24, 2024

U.S. Environmental Protection Agency  
Office of Environmental Justice and External Civil Rights (OEJECR)  
1200 Pennsylvania Ave, N.W.  
Washington, DC 20460

## **Re: Letter of Support for Kimberly King**

To Whom it May Concern:

I am writing in support of the application by Kimberly L King and the Wood Street Commons for funding through the U.S. Environmental Protection Agency's Environmental and Climate Justice Community Change Grants (CCG) program.

The project Ecosan Dry Toilet System for West Oakland, CA is important. First, it addresses the housing emergency. Without sanitation infrastructure, no housing is possible. From very modest dwellings to the most elaborate homes, all require the use of systems that protect human and environmental health. However, the cost of this infrastructure continues to escalate, whether for sophisticated wastewater treatment plants or conventional on-site systems. A septic system and/or its replacement every 20 to 30 years has become the single most expensive feature of a modest home in rural and many suburban areas of the United States.

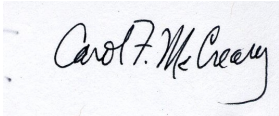
Second, the project technology provides emergency managers a ready response to an interruption of wastewater treatment service due to seismic activity or a cyber attack. Recent research in ecological sanitation clearly demonstrates the safety of low-cost technologies.

Kimberly King has already contributed to code change that legalizes ecological sanitation. Her documentation of the Kailash EcoVillage system resulted in the approval of a low-cost ecological sanitation system by the City of Portland and the Oregon Department of Environmental Quality. (This documentation is available at the City of Portland website here. <https://bit.ly/3zz0yYw> )

The breakthrough Kim made possible has opened the way for the additional elaboration of trusted building and plumbing codes. As a member of the Clean Water District Advisory Council in a rural county in Washington State, I follow the nationwide code process that will enable homeowners to legally construct and manage their own non-sewered sanitation systems. Scientific research from the University of Michigan and elsewhere informs the International Code Council, the National Sanitation Foundation, and IAPMO as they draft codes that meet the ANSI and international standards.

I highly recommend the proposed project and Kimberly King's leadership. It addresses the immediate needs of the residents of Wood Street Commons and provides a research prototype in an essential area of inquiry. Kim's skills in engineering and technical communication will help ensure the effectiveness of the implementation and success of the proposed project: "Ecosan Dry Toilet System for West Oakland, CA—Everyday brilliance for disaster resilience."

Sincerely,

A handwritten signature in black ink on a light-colored background. The signature reads "Carol F. McCreary" in a cursive script.

Carol McCreary  
Co-founder, Public Hygiene Lets Us Stay Human (PHLUSH)  
Member, Jefferson County Clean Water District Advisory Council



Michael S. Regan  
Administrator  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Administrator Regan:

I am pleased to support Kimberly L King 's application for the Environmental and Climate Justice Community Change Grant (CCG) program funding through the U.S. Environmental Protection Agency. The Project Title is "Ecosan Dry Toilet System for West Oakland, CA—Everyday brilliance for disaster resilience."

If awarded, funding will help to provide a safe, sanitary, resilient, dignified, and autonomous eco-sanitary (ecosan) system offering that can not only reduce water use, but take stress off the East Bay Municipal Utility District (EBMUD) in West Oakland, CA.

Kimberly L King community-driven project aims to develop, implement, execute, and expand curbside community programs already in place that service historically disadvantaged citizens—citizens who are waiting for access to truly affordable housing. This service offering will not only enhance their quality of life in the interim time frame with accessible, and more dignified sanitation, but this service offering will provide revenue generating opportunities. Some revenue generating opportunities include ecosan toilet use and construction, training programs, as well as producing a final product, carbon sequestration soil amendment.

Participants trained in ecosan will serve as area technical experts, and can aid in reducing the burden on East Bay Municipal Utility District (EBMUD). EBaMUD will not be completed with their earthquake retrofits before 2028/2029. So, this offering can be available as a contingency when their infrastructure is unusable after the next major earthquake renders their waste water sanitation and treatment system inoperable.

I am in strong support of collaborative environmental and climate justice proposals that address challenges of today and help build community capacity. Please consider full and fair consideration to Kimberly King and the Wood Street Common's Community Change Grants application.

Thank you for your attention and consideration which are appreciated.

**Kindest regards,**

*Ole Ersson, MS, MD*

**Ole Ersson,  
503-710-5558  
Founder, Kailash Ecovillage  
4311 SE 37th Avenue  
Portland, Oregon 97202**



Michael S. Regan  
Administrator  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

9/24/2024

Dear Administrator Regan:

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Thank you for your attention and consideration which are appreciated.

Sincerely,  
Nicole Cousino  
Nature Commode, Founder/CEO/Designer Strategist  
88 Fruitvale Rd  
Newport OR 97365  
nicole@newledohub.org





# Greywater Action

*For a Sustainable Water Culture*  
www.greywateraction.org

Michael S. Regan  
Administrator  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

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Participants trained in ecosan will serve as area technical experts, and can aid in reducing the burden on East Bay Municipal Utility District (EBMUD) if their sanitation systems are compromised during any disaster.

I am in strong support of collaborative environmental and climate justice proposals that address challenges of today and help build community capacity.

Thank you for your attention and consideration.

Sincerely,

Laura Allen  
Greywater Action  
[greywateraction.org](http://greywateraction.org)  
laura@greywateraction.org