

CARE Committee

From: Christina Comfort <christina@waicleanwater.org>
Sent: Wednesday, February 03, 2021 7:56 AM
To: CARE Committee
Cc: Stuart Coleman; Joachim Schneider
Subject: WAI slides for presentation
Attachments: WAI_slides_020321.pdf

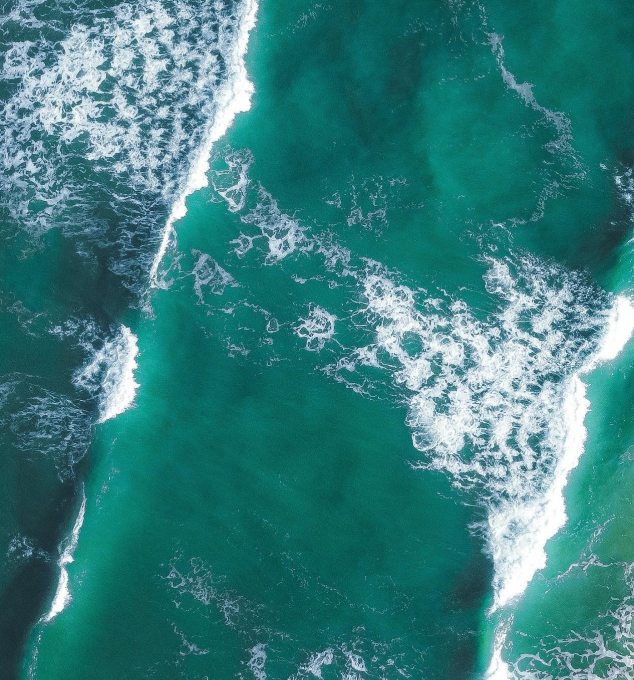
Aloha Nicole et al.,

Here are the [slides](#) for WAI's presentation today. That is in Google Slides format; I'm also attaching a PDF in case you prefer that format.

Thanks,
Christina

--

Christina Comfort she/her
Program Manager
WAI: Wastewater Alternatives and Innovations
484-553-4205; www.waicleanwater.org



WAI WASTEWATER
ALTERNATIVES &
INNOVATIONS

Mission: To reduce sewage pollution and restore healthy watersheds by providing innovative, affordable and eco-friendly solutions to waste and wastewater management.

Vision: Help Hawai'i homeowners and communities manage the difficult process of upgrading cesspools and failing septic systems across the state to new systems that are affordable, efficient and better for the environment.



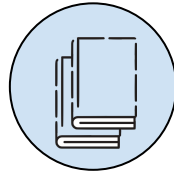
**Innovative
Technology**



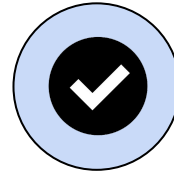
**Financial
Resources**



**Policy &
Advocacy**

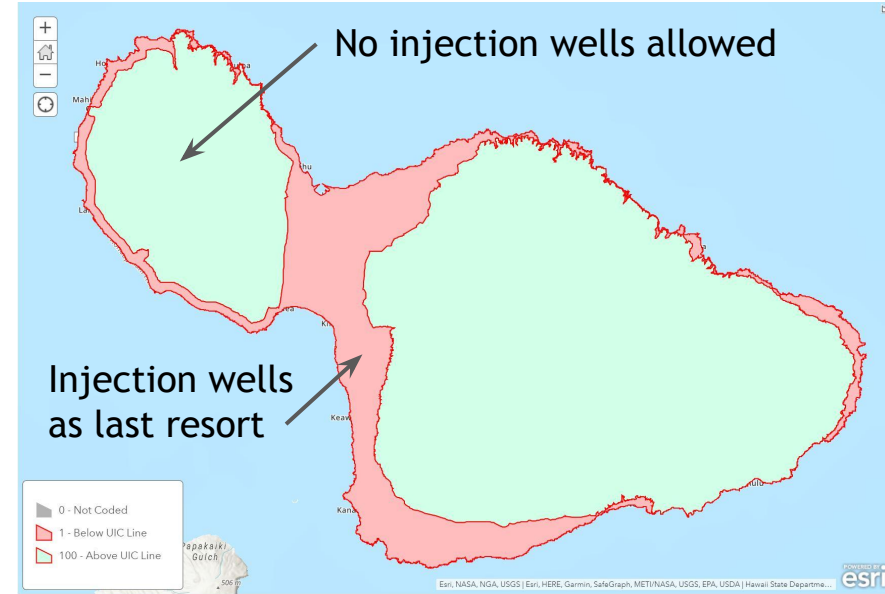
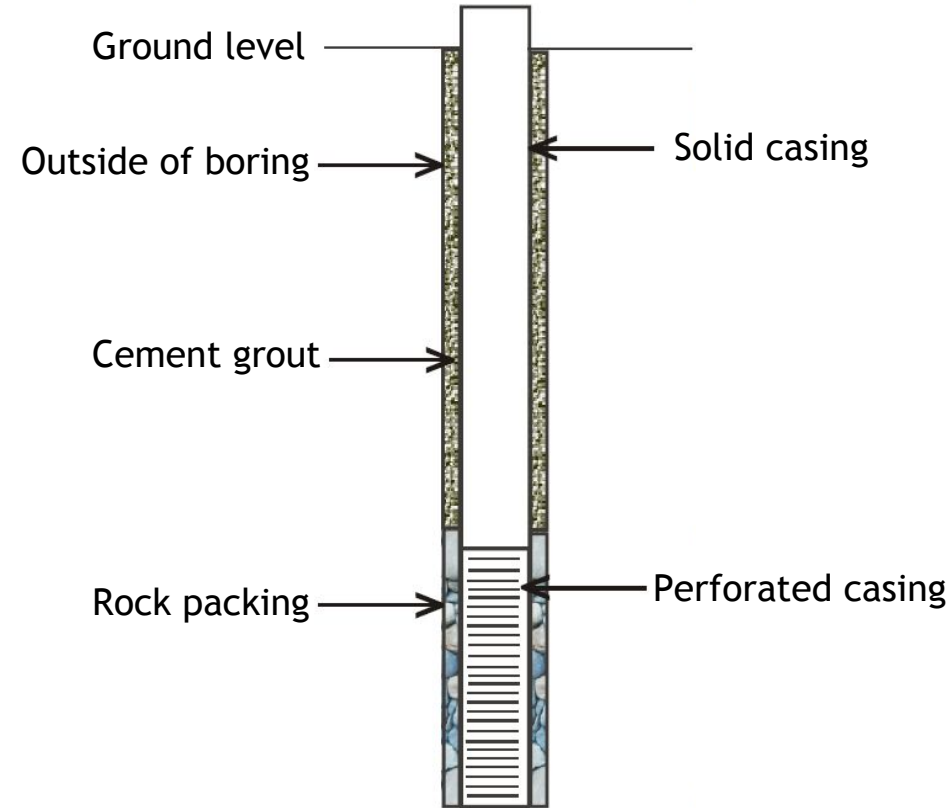


**Outreach &
Education**



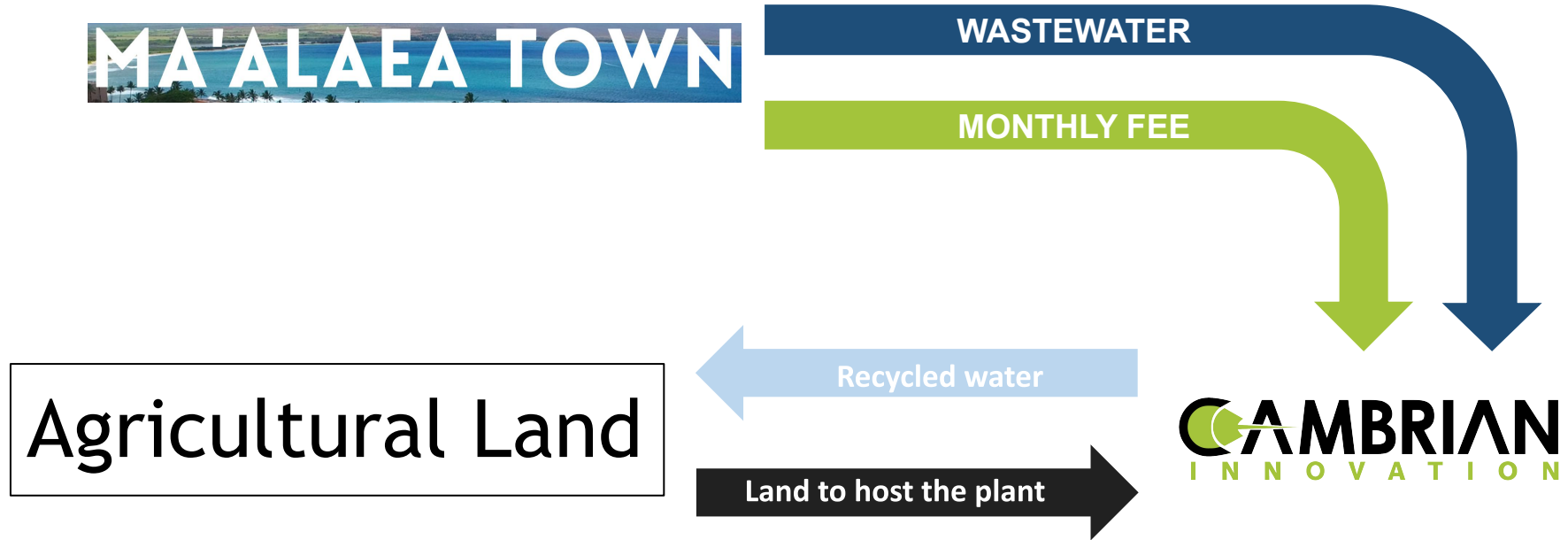
**Pilot
Projects**

Injection Wells in Hawaii



- Bill 131 (2018): No more injection wells allowed unless no other alternative
- US Supreme Court (2020): Lahaina WWTP needs to comply with NPDES requirements

Water-Energy Purchase Agreement (WEPA)



Benefits of the WEPA



CAPITAL SAVINGS

No up-front capital costs due to Cambrian's innovative financing model make system design and setup easier to afford.

PEACE OF MIND

Leave wastewater management to Cambrian and focus on your core competencies without worrying about operation and maintenance.

RISK-FREE OWNERSHIP AND OPERATION

Cambrian operates the system on your behalf. Helping you meet your operational and sustainability goals by producing renewable resources without sacrificing efficiency, valuable space, or capital.

PAY FOR PERFORMANCE

You only pay for treatment cost, not repairs or upkeep.

SCALABLE WITH YOUR FACILITY

Solutions are containerized and modular, allowing for flexible capacity increase.

Water Quality

Currently:

- 86,000 gpd to injection wells in Maalaea
- 20+ injection wells

In Maalaea:

- Contribute 17% of nitrogen and 73% of phosphorous flux to the nearshore system
- Contribute to algae growth in nearshore bay
- Coral declines primarily caused by sedimentation
- Multiple stressors reduce reef resilience



Photo: Sierra Club, Maui