Serving Hawaii, Guam, and the Pacific

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Agenda

- Company Background
- Environmental Products
- Projects
  - Residential
  - Subdivisions – Private & DHHL
  - Commercial
  - Government – U.S., State, and City & County
Company Background

- Enviniti LLC – Environmental Consulting Services
  - SBA 8(a) BD Participant
  - Environmental Services (Off-the-Grid Water & Wastewater)
  - Environmental Products (Off-the-Grid Water & Wastewater)
  - Engineering Services
  - Onsite Wastewater Installation
  - Onsite Wastewater Operation & Maintenance
  - Residential Construction
Environmental Products

- ESIS Aerobic Treatment Units (NSF-40 Class I Effluent)
- Septic Tanks (IAPMO)
- Grease Interceptors (IAPMO)
- Effluent Pumping Systems
- Monitoring & Control Devices
Environmental Products

- **ESIS Aerobic Treatment Units (NSF-40 Class I Effluent)**

- “…the ESIS met NSF Standard 40 Class I effluent requirements (Babcock, 1999).”

- **Dr. Roger Babcock, Jr., PhD, PE**

- **University of Hawaii at Manoa, Water Resources Research Center**
Environmental Products

- ESIS Aerobic Treatment Units (NSF-40 Class I Effluent)

- "...the unit meets the requirements...and thus can be used in the State of Hawaii as an aerobic unit (Tulang, 1999)."

- Mr. Dennis Tulang, PE, Chief, Wastewater Branch

- State of Hawaii, Department of Health
Projects Residential

- Makena Luxury Homes (10,000 gpd per Lot)
  - 10 Residential Lots
  - Private Beachfront Homes

- Dillingham Ranch House (3,000 gpd)

- Sullivan Estate (2,000 gpd)

- Kula Estates (4,000 gpd)
Projects
Private Subdivision

- Bluffs at Waimea Subdivision (24,000 gpd)
  - 24 Residential Lots
  - 6,750 – 17,798 SF Lots
  - Granted Variance
    - No Pass Zone
    - Less than 10,000 SF per IWS
  - Island of Oahu
Projects
Private Subdivision

- **Dillingham Agricultural Subdivision (77,000 gpd)**
  - 77 Residential Lots
  - 5 – 8 Acre Lots
  - DOH-WWB Subdivision Approval
    - No Pass Zone
    - More than 50 residential dwellings
  - Island of Oahu
Projects
Private Subdivision

- Kula Ridge Subdivision (116,000 gpd)
  - 116 Residential Lots
    - (42) 6,000 – 21,000 SF Market Lots
    - (70) 5,600 – 8,500 SF Affordable Lots
    - (4) 4 Acre Agricultural Lots
  - Granted Variance
    - Less than 10,000 SF per IWS
    - More than 50 residential dwellings

- Island of Maui
Projects
DHHL Subdivision

- Lalamilo Subdivision (36,000 gpd)
  - 36 Residential Lots
  - Department of Hawaiian Home Lands
  - Aerobic Treatment Unit Requirement
    - Less than 50 feet from body of water
    - Septic tanks NOT allowed
  - Island of Hawaii
Projects
DHHL Subdivision

> Waiohuli Subdivision (20,000 gpd)
  > 20 Residential Lots
  > Department of Hawaiian Home Lands
  > Island of Maui
Projects
DHHL Subdivision

- Anahola Subdivision (9,000 gpd)
  - 9 Residential Lots
  - Department of Hawaiian Home Lands
  - Island of Kauai
Projects Commercial

- Pukalani McDonald’s (3,000 gpd)
  - U.S. EPA Compliance
    - Large-Capacity Cesspool
  - Island of Maui

- Consolidated Baseyards (3,000 gpd)
  - DHX – Shipping/Trucking Facility
  - Joslin-Roberts – Warehouse
  - Tri-Isle Trucking – Trucking Facility
  - Island of Maui
Projects

Commercial

- Kamehameha Schools – Laehala Caretakers Home (1,000 gpd)
  - Aerobic Treatment Unit Requirement
    - Sensitive oceanfront property
    - Septic tanks NOT allowed
  - Island of Hawaii
Projects
Commercial

- KTA Super Stores (20,000 gpd)
  - Supermarket, Restaurants, & Retail Shops
  - U.S. EPA Compliance
    - Large-Capacity Cesspools
  - Island of Hawaii

- Pahala Shopping Center (2,000 gpd)
  - Convenience Store, Restaurant, & Bank
  - Island of Hawaii
Projects Commercial

- Puainako Shopping Center (2,000 gpd)
  - Subway & Baskin Robbins
  - U.S. EPA Compliance
    - Large-Capacity Cesspools
  - Island of Hawaii

- Keaau Shopping Center (5,000 gpd)
  - Grocery, Pharmacy, Restaurants, Hardware, & Public Restrooms
  - U.S. EPA Compliance
    - Large-Capacity Cesspools
  - Island of Hawaii
Projects
Commercial

- Orchidland Shopping Center (4,000 gpd)
  - Restaurant & Retail Shops
  - U.S. EPA Compliance
    - Large-Capacity Cesspools
  - Island of Hawaii

- Naalehu Shopping Center & Theater (4,000 gpd)
  - Stores & Theater
  - Island of Hawaii
Projects
U.S. Government

- U.S. Army
- U.S. Army Corps of Engineers
- U.S. Army Garrison Department of Public Works
- U.S. Coast Guard
Projects
U.S. Government

- U.S. Army
- U.S. Army Corps of Engineers
- U.S. Army Garrison Department of Public Works
- U.S. Coast Guard
Projects
State
Government

- Kahana Valley State Park (2,000 gpd)
  - State of Hawaii DLNR
  - Beach Park Restrooms
  - Aerobic Treatment Unit Requirement
    - Less than 50 feet from ocean
  - U.S. EPA Compliance
    - Large-Capacity Cesspool
  - Island of Oahu

- Wailua River State Park (5,000 gpd)
Projects
City & County Government

- Barbers Point Comfort Station (2,000 gpd)
  - City & County of Honolulu
  - Beach Park Restrooms
  - Aerobic Treatment Unit Requirement
    - Less than 50 feet from ocean
  - U.S. EPA Compliance
    - Large-Capacity Cesspool
  - Island of Oahu

- Makapuu Comfort Station (3,000 gpd)
“Variance...special written authorization from the director...to do an act that deviates from the requirements of rules adopted under this chapter (HRS §342D-1 Definitions).”

Criteria for Granting a Variance:

1. If granted, it is in the public interest
2. If granted, it will NOT substantially endanger human health or safety
3. If not granted, would produce serious hardship without equal or greater benefit to the public
Thank you

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