

# Liquid Waste Hauler Meeting: Septage Receiving Update

Thank you for joining us!  
The meeting will begin shortly.

## Before we begin, please note:

- The audience will automatically be placed on mute.
- A period for questions will occur after the presentation.
- If you have a question, please line up at the microphone or raise your hand on Webex during the question period and reference the slide number if applicable.

Scan QR Code to signup for EZ  
Texting Septage Site Status  
Notifications



# SEPTAGE RECEIVING UPDATE

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October 17, 2024



# Agenda

- Purpose
- ENV's Recent Adjustments
- Septage Receiving Sites and Hours of Operation
- Manifest Analysis
- Analysis Thoughts
- Future Septage Receiving Upgrades
- Solicit Feedback and Next Meeting



# Purpose

- Provide analysis of discharge site usage from September 1 – 15, 2024
- Introduce upcoming changes to the septage hauling program
- Solicit feedback on recent changes to the septage hauling program

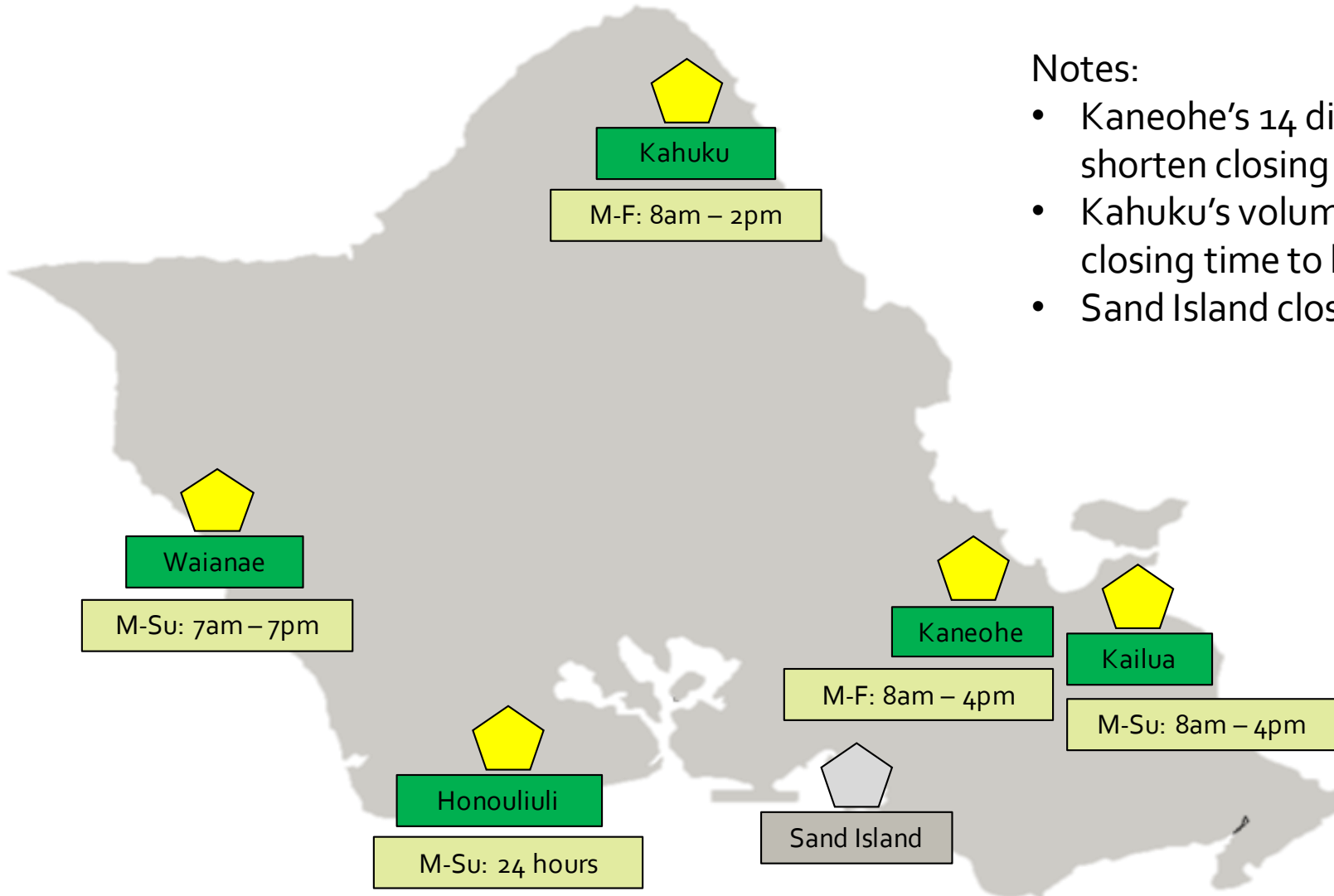


# ENV's Recent Adjustments

- Mass text messaging service started on 6/5/2024
- Extended hours of operation of Honouliuli Septage Receiving Facility to 24/7/365 on 8/1/2024
- Kailua Road Septage Receiving Station reopened 8/1/2024
- Started contracted monitoring services at Kailua Road Pump Station, Kaneohe Pretreatment Facility, and Kahuku Septage Handling Facility on 8/1/2024
- Pearl City closed on 8/30/2024



# Septage Receiving Sites



## Notes:

- Kaneohe's 14 discharge daily limit may shorten closing time to before 4pm
- Kahuku's volumetric capacity may shorten closing time to before 2pm
- Sand Island closed for upgrades



# Current Hours of Operation

Discharge Site Hours of Operation								
Discharge Site	M	T	W	Th	F	Sa	Su	Total Hours (per day)
Honouliuli	12am - 12am	12am - 12am	12am - 12am	12am - 12am	12am - 12am	12am - 12am	12am - 12am	24
Waianae	7am - 7pm	7am - 7pm	7am - 7pm	7am - 7pm	7am - 7pm	7am - 7pm	7am - 7pm	12
Kahuku	8am - 2pm	8am - 2pm	8am - 2pm	8am - 2pm	8am - 2pm			6
Kaneohe	8am - 4pm	8am - 4pm	8am - 4pm	8am - 4pm	8am - 4pm			8
Kailua Road	8am - 4pm	8am - 4pm	8am - 4pm	8am - 4pm	8am - 4pm	8am - 4pm	8am - 4pm	8



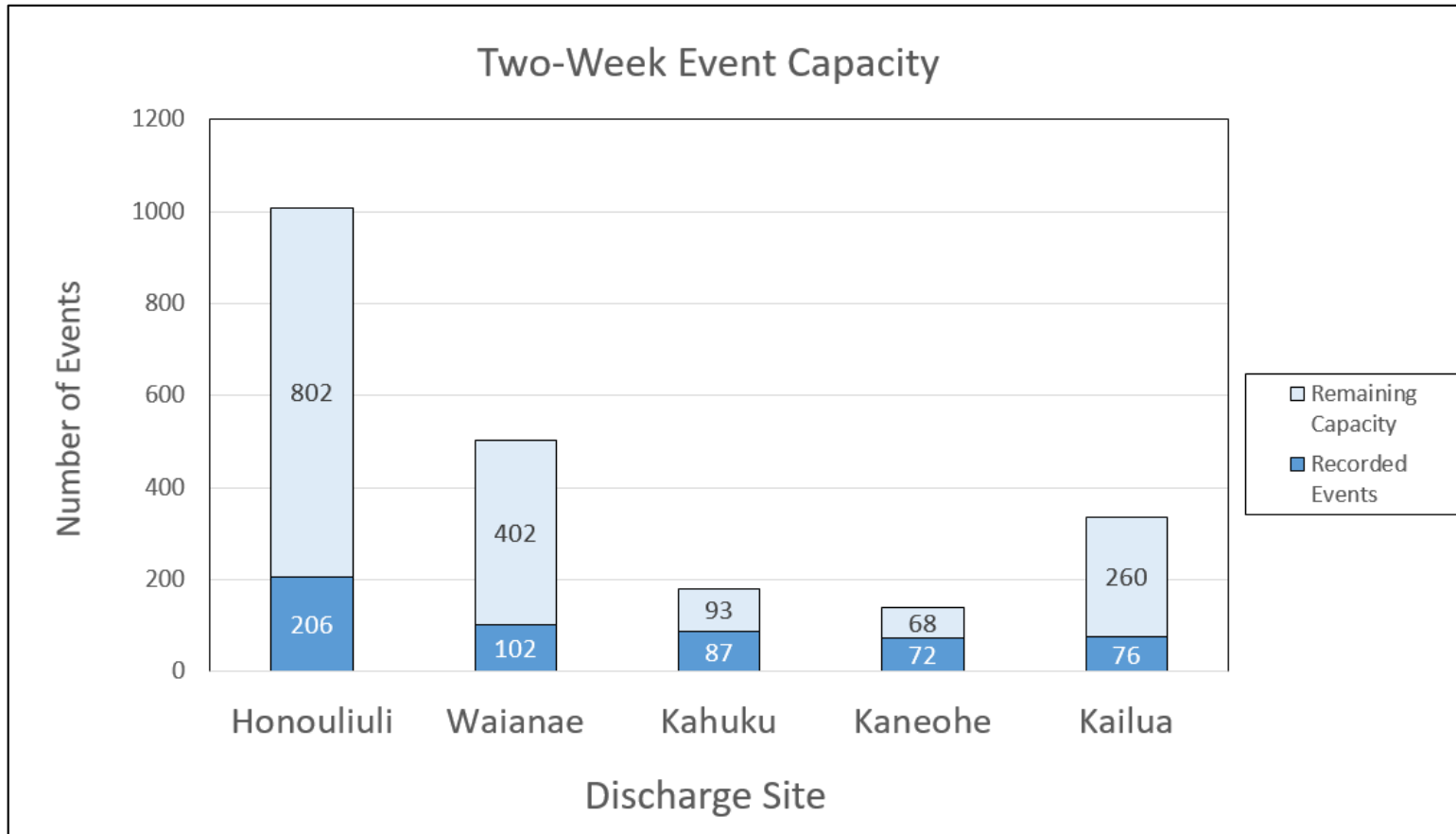
# Manifest Analysis

- Manifests were collected from dischargers for September 1 - 15, 2024
- These manifests were evaluated against manifests collected from April 17 - 30, 2023
- Analyses:
  - Recorded events compared to event capacity
  - Day of week distribution
  - Time of day distribution



# Discharge Events September 1-15, 2024

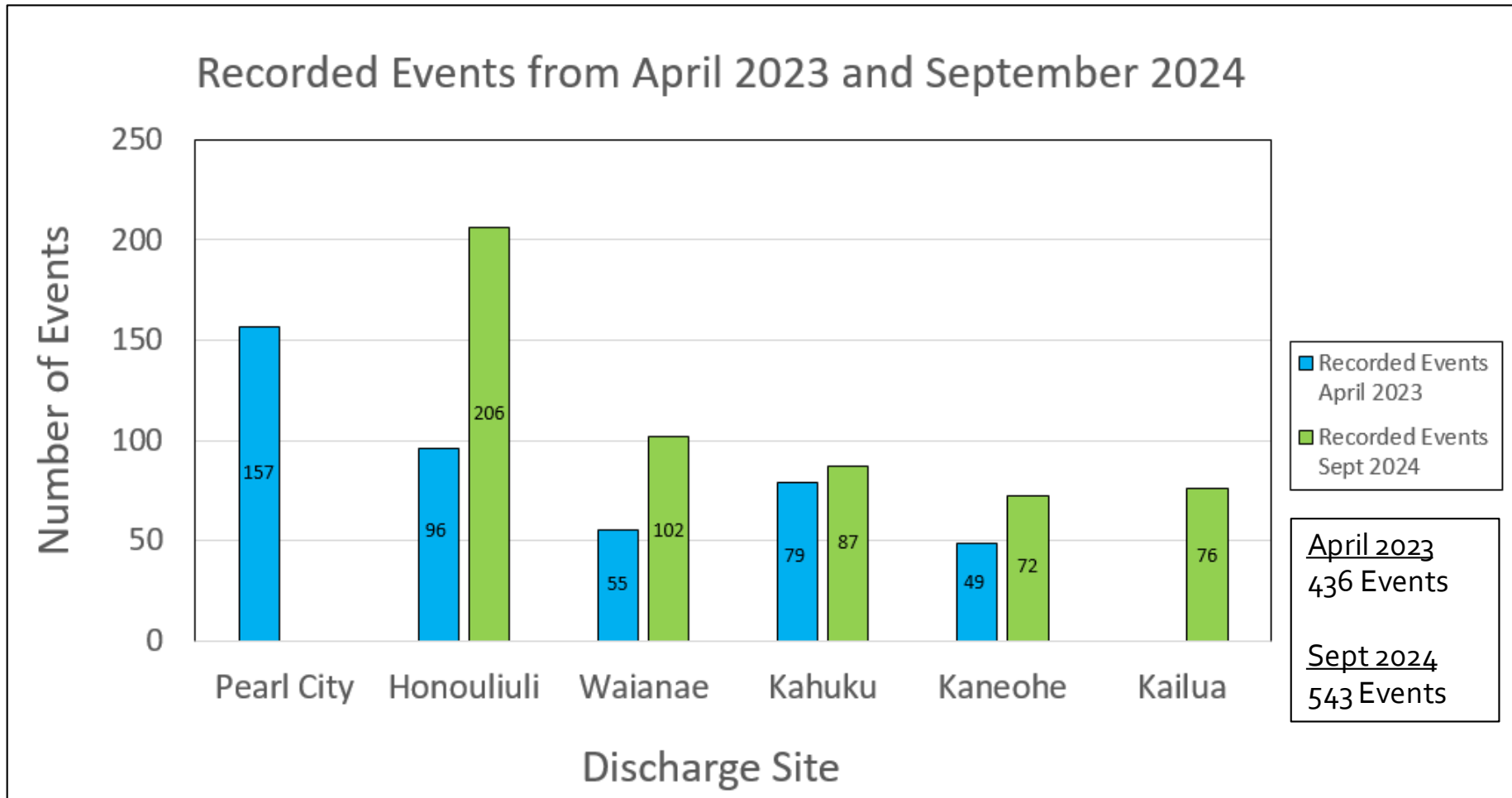
- Compiled all hauler manifest reports



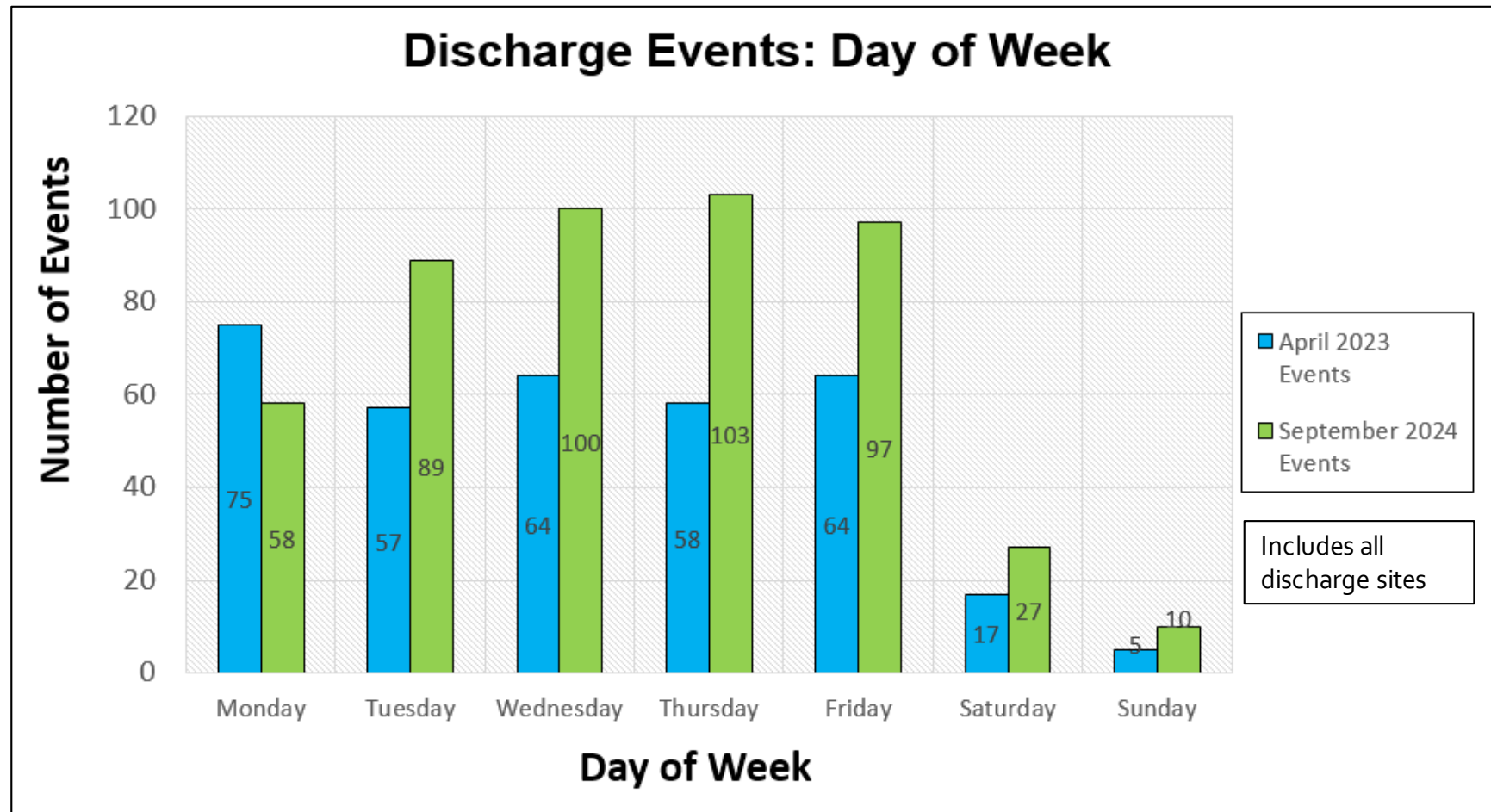
\*Capacity = Hours of operation per 2 weeks x 3 discharges per hour



# Usage Before and After PC Closure

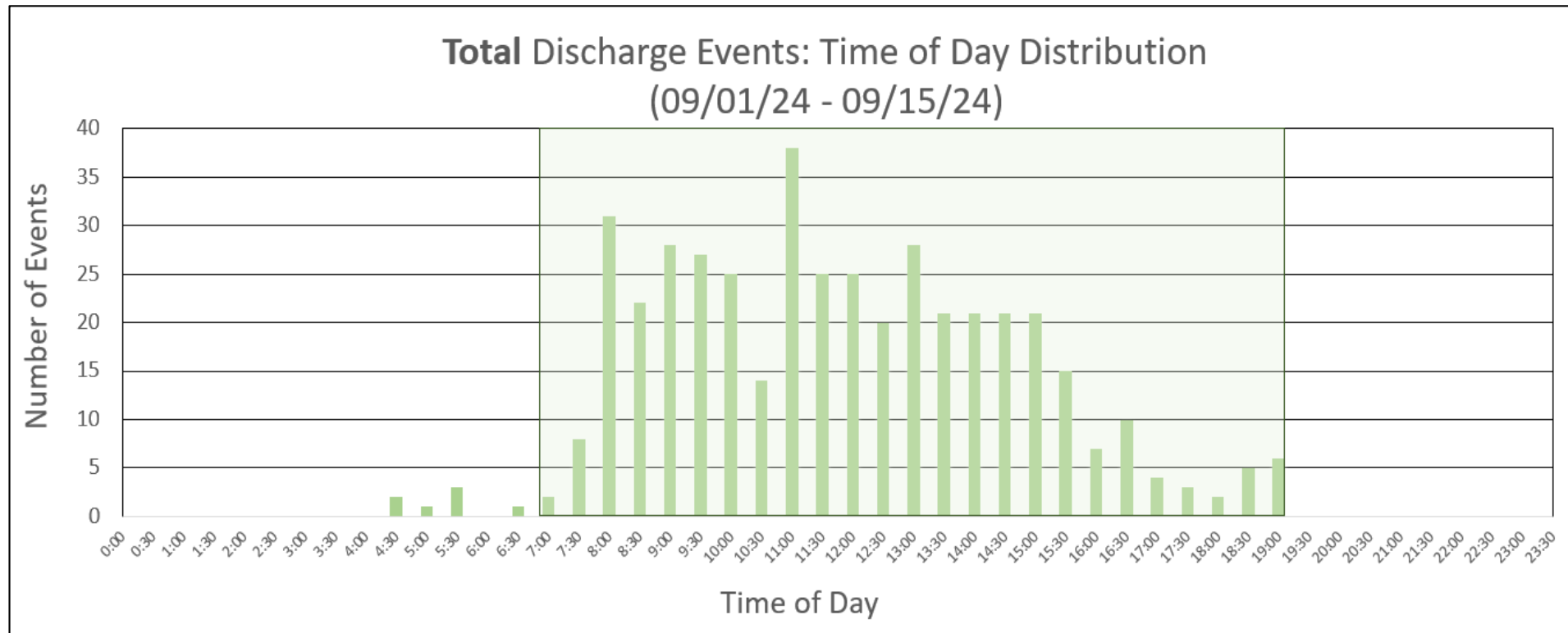


# Day of Week Distribution Comparing April 2023 to September 2024

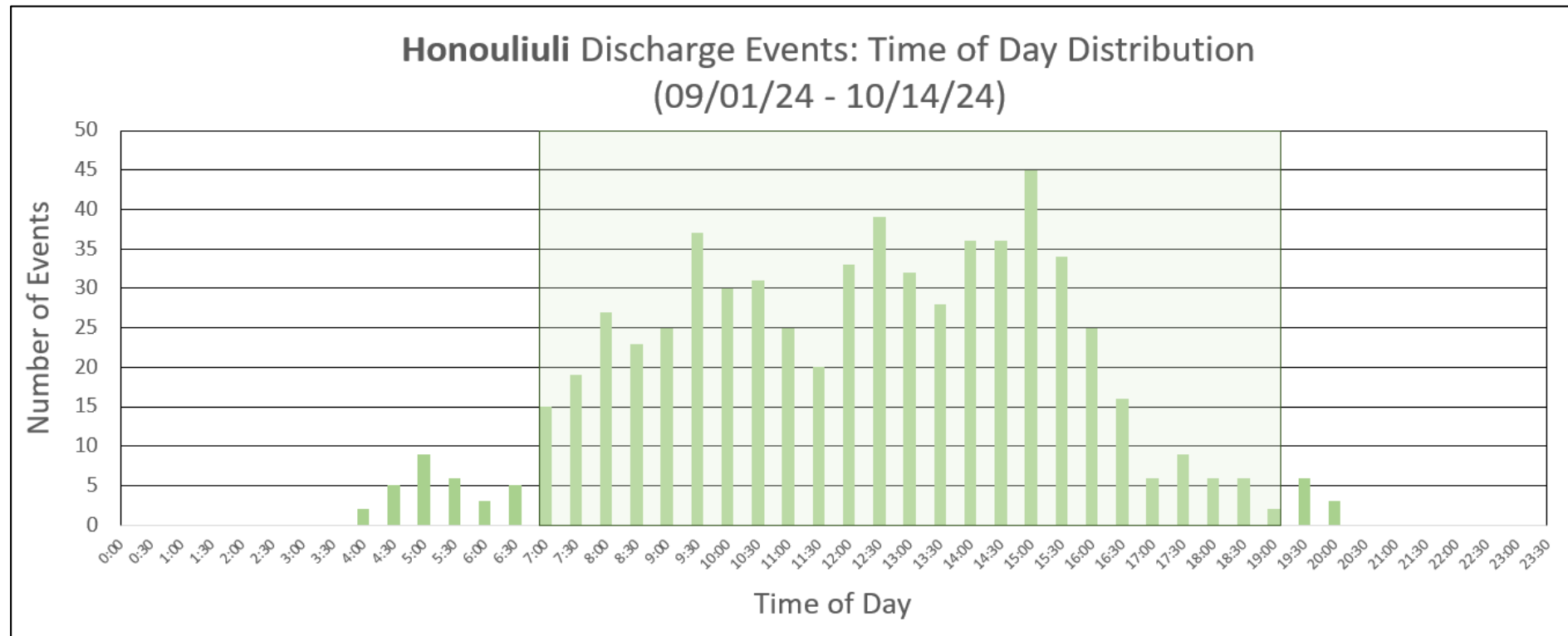


# Time of Day Distribution (All Events 9/1 – 9/15)

- Peak discharge times: 8 am and 11 am



# Time of Day Distribution: Honouliuli (9/1 – 10/14)



# Overall Analysis Thoughts

- Balanced distribution of discharges amongst hauler sites
- Sufficient remaining capacity
- The extension of hours for certain sites, along with the reopening of a new site, have eased queuing traffic and load distribution
- Kailua discharges before and after hours of operation
- Manifests
  - Updated form
  - Standardized procedures
- Survey to solicit feedback coming



# Future Septage Receiving Projects

Site	Status	Estimated Completion
Sand Island WWTP	Construction of new automated receiving station in progress	~12/31/2024
Kahuku WWTP	Planning initiated for new automated receiving station and upgrades to WWTP	2029
Ahuimanu PTF	Planning initiated for automated receiving station	2029
Waianae WWTP	New automated receiving station project to be initiated	2030
Paalaa Kai WWTP	Project being investigated	



# Closing Remarks

- CCH will continue to work with the haulers on any adjustments to discharges to city facilities
- Next meeting:
  - Mid-December, date TBD
  - Night/day meetings?
  - Virtual only or hybrid?



# PAU.

Any questions or feedback?

