

TRITURATOR OPERATION BMPS

Ellison Onizuka Kona International Airport

FACT
SHEET



The sanitary sewage and associated rinse waters produced during the servicing of aircraft lavatory facilities must be discharged to designated DOTA Triturator facilities.

A designated DOTA Triturator facility is located North of Terminal 1, across from Gate 1 by the Cell Phone Parking Lot, where truck or trailers equipped with bulk storage tanks may discharge aircraft lavatory waste. All tenants and applicable personnel are responsible for proper disposal of waste associated with ground servicing of aircraft lavatory facilities.



PURPOSE



- Prevent or reduce the discharge of pollutants to stormwater and/or UIC drainage wells in areas where lavatory service operations are conducted.
- Provide employees with appropriate training with regards to proper operations, stormwater pollution prevention, BMPs, and spill response.
- Comply with environmental requirements, such as the Clean Water Act, Safe Drinking Water Act, and Hawaii Administrative Rules (HAR) 11-54, 23, and 62.

GENERAL OPERATING INSTRUCTIONS

1. Align vehicle so that **DISCHARGE VALVE** is **CENTERED** over the Triturator pit.
2. **SLOWLY** open water **VALVE #1**.
3. Turn on **GRINDER** by rotating switch to the left.
4. Ensure that all hose connections are secure and not leaking.
5. Open **DISCHARGE VALVE** on your vehicle and release waste into the Triturator Pit.
6. Use the hose to flush the interior waste hold tanks while still positioned over the Triturator Pit.
7. **DO NOT SKIP** truck **FORWARD** and **REVERSE** over Discharge Pit.
8. Close the **DISCHARGE VALVE** on your vehicle.
9. Make sure all residual dripping have ceased.
10. Move vehicle and clean the area surrounding the Triturator pit. There should be no fluid staining, paper, or solid waste visible.
11. Turn off **GRINDER** by returning switch to the center position.
12. **SLOWLY** turn off **VALVE #1**.
13. Proceed slowly when exiting.
14. Report any system malfunction or system problem to **Airport Dispatch: (808) 329-1083**

***Washing the exterior of vehicles is strictly prohibited.**

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B M P S

- Properly secure all hoses, valves, and equipment when transporting waste to eliminate leakage and spills.
- Utilize buckets or pans to capture any leaks or drippage from lavatory access fittings.
- Inspect and clean areas/equipment after each use.
- Do not perform any vehicle or equipment washing at the Triturator facility.
- Do not perform lavatory truck cleanout/back flushing at any location other than the Triturator facility.
- Equip all lavatory service vehicles with appropriate spill response material.
- Practice good housekeeping techniques at the Triturator facility. Immediately clean all spills.
- Regularly inspect lavatory service vehicles and equipment to ensure effective operation.
- Immediately repair or remove from service any faulty, leaking, or damaged equipment.
- Do not park or store lavatory service vehicles or equipment near DOTA MS4, drainage system, or State waters.
- Train all applicable personnel to report line blockages, lavatory spills, and/or unsanitary housekeeping conditions.



WARNING SIGNS



Sewage pollution is recognizable based on its distinct odor, black staining inside the drainage pipe, and visible evidence of sanitary waste, such as toilet paper and gray water. Spills associated with this operation can occur during:

- Diluting and mixing of surfactants and disinfectants.
- Transferring materials from the aircraft.
- Transporting and disposing of materials to the Triturator.

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SPILL MATERIAL

Spill kits are required on all lavatory vehicles. Spill kits should contain, at a minimum:

- Broom
- Gloves
- Trash bags
- Absorbent pads
- Pine oil



Note: Kitty litter, clay granules, and bleach are strictly prohibited for clean-up at the Triturator facility.



SPILL RESPONSE

Procedures:

1. Promptly clean the spill using absorbent pads only.
 - *DO NOT USE KITTY LITTER OR BLEACH TO CLEAN TRITURATOR SPILLS**
2. Double bag and dispose of this **SPILL TRASH** at **YOUR FACILITY**.
3. Disinfect the area appropriately with environmentally approved product and place warning signs if necessary.
 - a) Have SDS for product used.
 - b) Close the area to prevent spread of material.
4. Make the necessary notifications.

Notifications:

- Immediately report all spills, regardless of size to **Airport Operations Control (808) 329-1083**
- All spills must also be reported to:
 - **Airport Environmental Section: Using Spill reporting form:**
<https://veoci.com/v/p/form/7jnuujn8aswb>
- For spills that enter the storm drainage system, immediately call:
 - **National Response Center: (800) 424-8802**
 - **DOH Clean Water Branch: (808) 586-4309**
- Provide a follow-up report to the CWB within 30 days.
- For sewage spills greater than 1,000 gallons, immediately call:
 - DOH Wastewater Branch: (808) 586-4294**
 - Work with AIR-EE on WWB requirements such as: press release, disinfection of receiving water, posting warning signs, and monitoring of bacteria.

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RECORDKEEPING

Keep a record of all spills greater than 50 gallons (per HAR 11-62):

- Date and time of the spill
- Amount released
- Cause of the spill
- Clean-up actions
- Remedial actions taken to prevent future spills

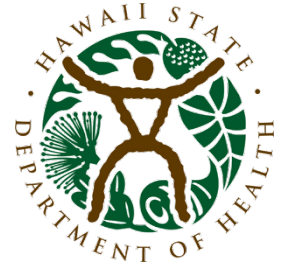


DOT AIR-EE

- **Address:** 400 Rodgers Blvd, Suite 700, Honolulu, HI 96819
- **Email:** dot.air.environmental@hawaii.gov

DOH Wastewater Branch:

- **Address:** 2827 Waimano Home Rd, Pearl City, HI 96782
- **Phone:** (808) 586-4294



TRITURATOR LOCATION

