

Welcome to HDOT Harbors 2015 Tenant Stormwater Training



*MĀLAMA I KE KAI
PROTECT OUR HARBOR WATERS*

Honorable Mention

Tenant Environmental Manager of the Year

Edward Au, Asphalt Hawaii

Derek Higa, Fresh Island Fish, LLC

Jamie Feldhacker, Grace Pacific Corporation, LLC

Stephen Hinton, Marisco, Ltd.

Keahi Birch, Matson Navigation Company, Inc.

Andrew Souza, McCabe, Hamilton & Renny Co., Ltd.

Shanyn Nauihou, Pacific Environmental Corporation

James Mainaupo, Ron's Concrete Specialist, Ltd.

Nathan Kapule, Young Brothers, Ltd.



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2015 Tenant Environmental Manager of the Year



Congratulations!



Frank Roznerski
Hawaii Stevedores, Inc.



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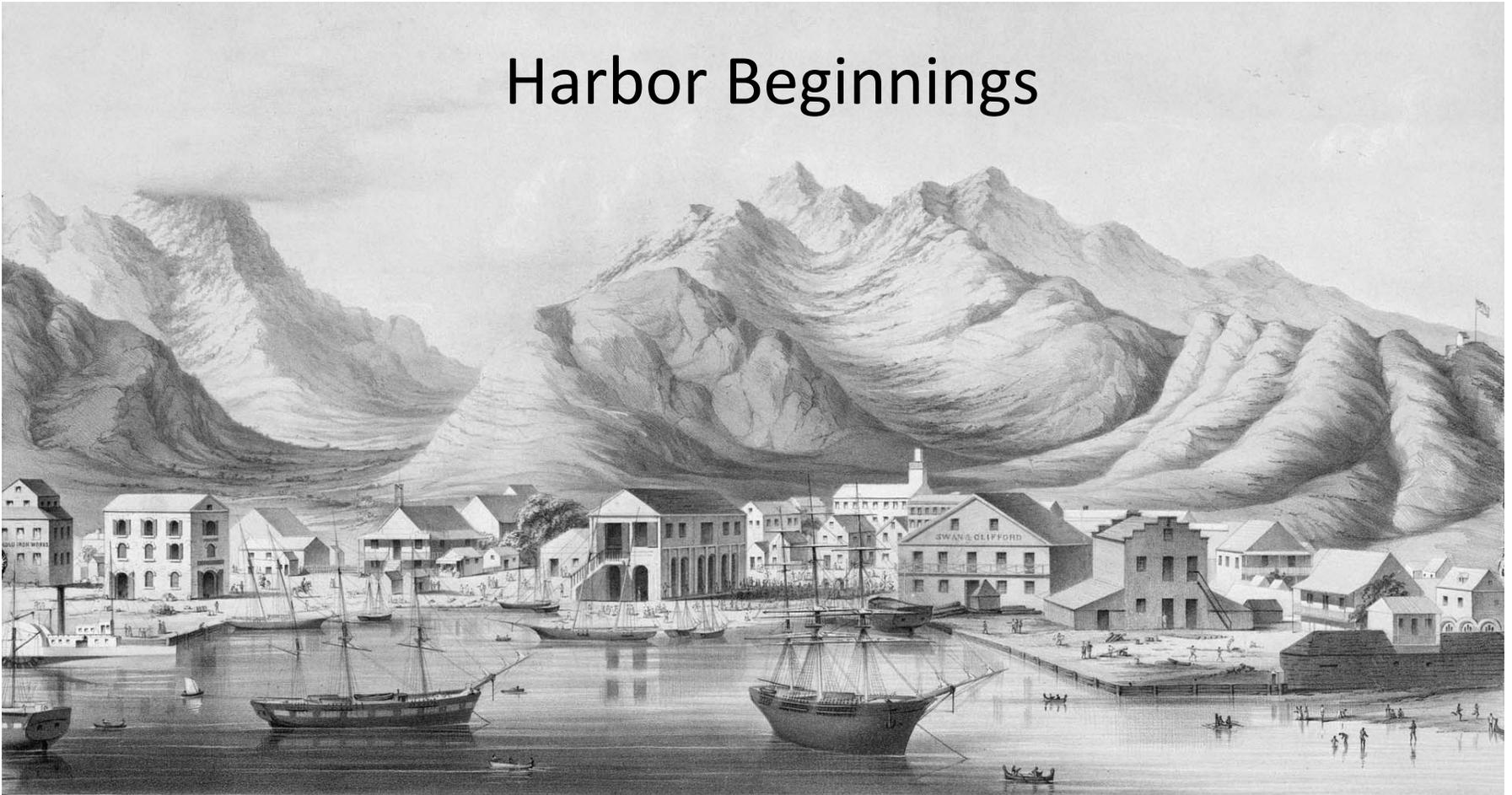
Training Agenda

- TEMY Award
- Harbors Environmental Program
- Tenant Inspections
- BREAK
- Video – Plastic in the Pacific
- Adopt A Harbor, *Captain Jeff Lansdown*
- Illicit Discharge
- Storm Drain System, *Spencer Yim*
- Construction / Post-Construction
- IDPP, *Carol Mitsuyasu*
- Training Evaluation (*necessary to get credit for class)



1853

Harbor Beginnings



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1920 - 1930

Aloha Tower
Welcomes Tourists



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Today



11 Million Tons of Cargo
500,000 Cruise Ship Passengers



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Environmental Goals



Clean Water

Healthy Fish

Sustainable
Environment



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Prevent This



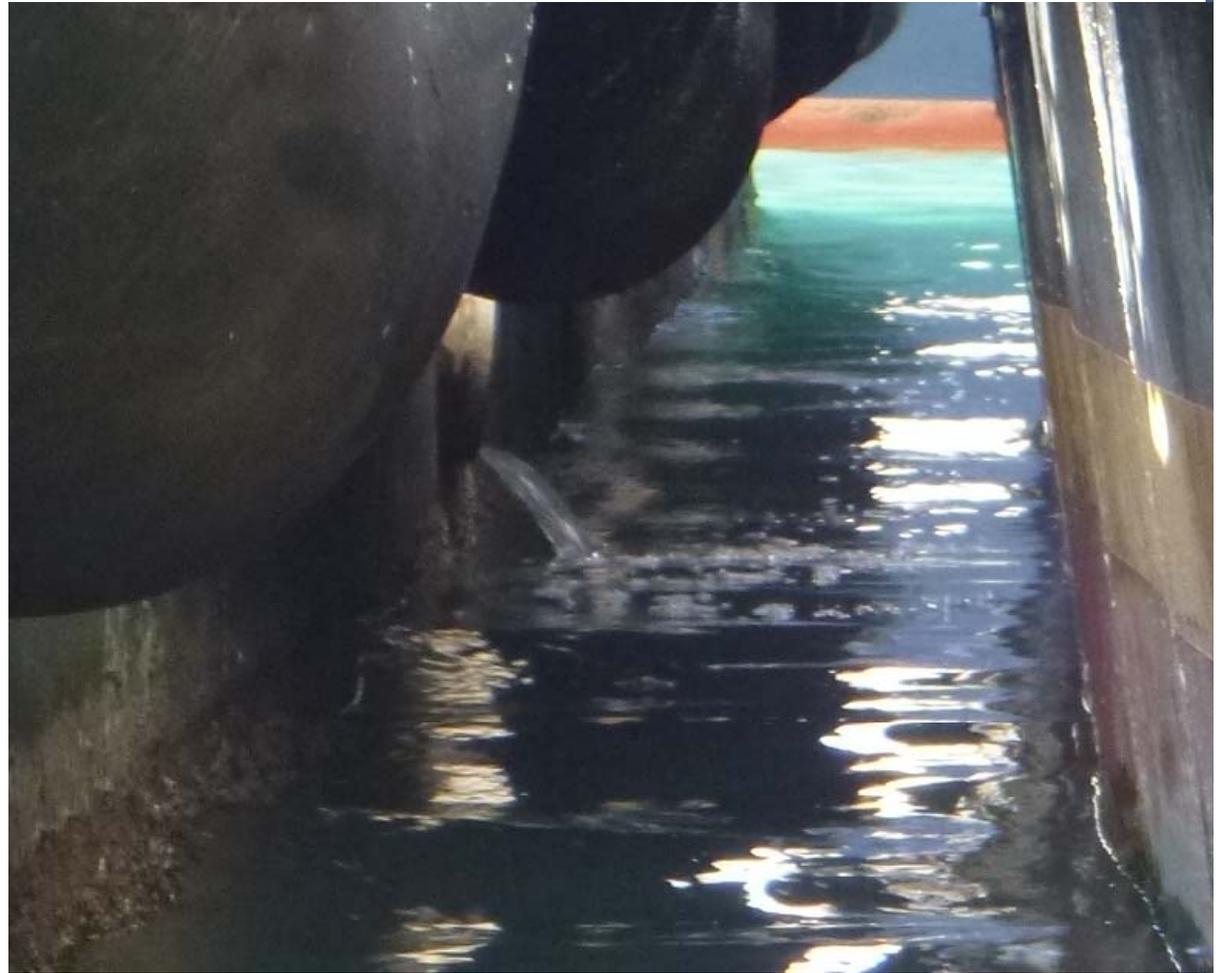
How can we
prevent this?



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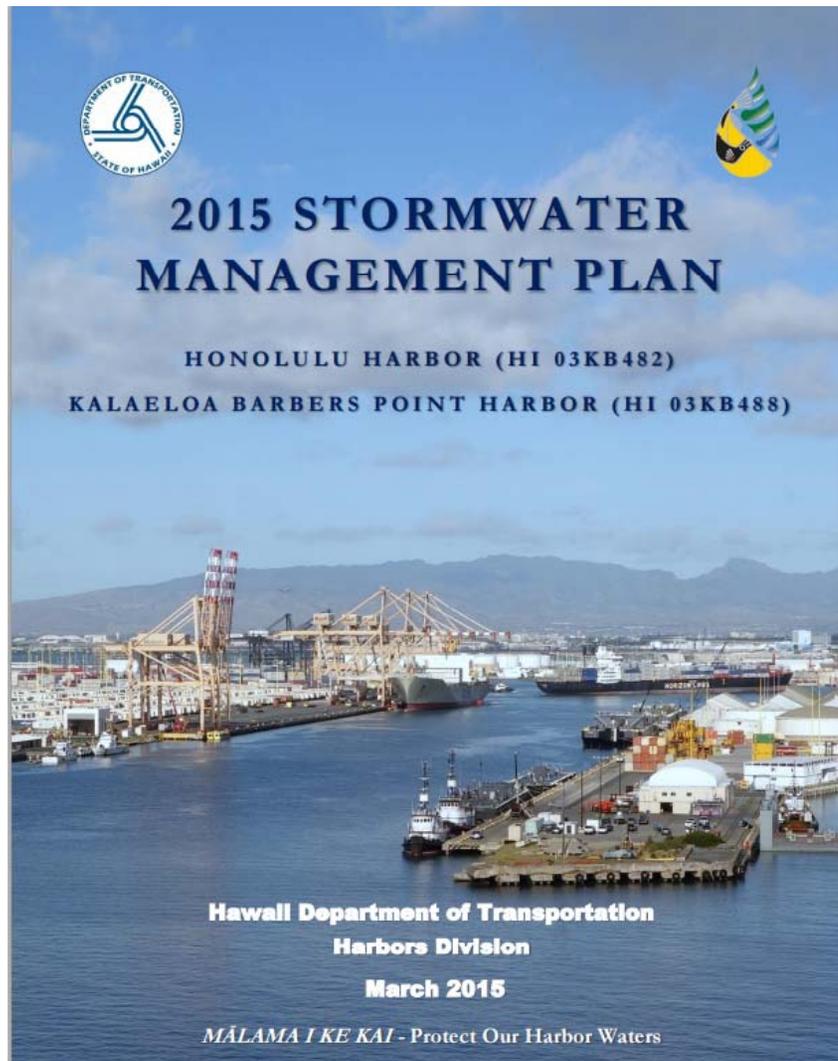
Storm Drain System

Designed to
Carry
Untreated
Stormwater
Directly into
the Harbor



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Permits and Requirements



MS4 NPDES
Permits

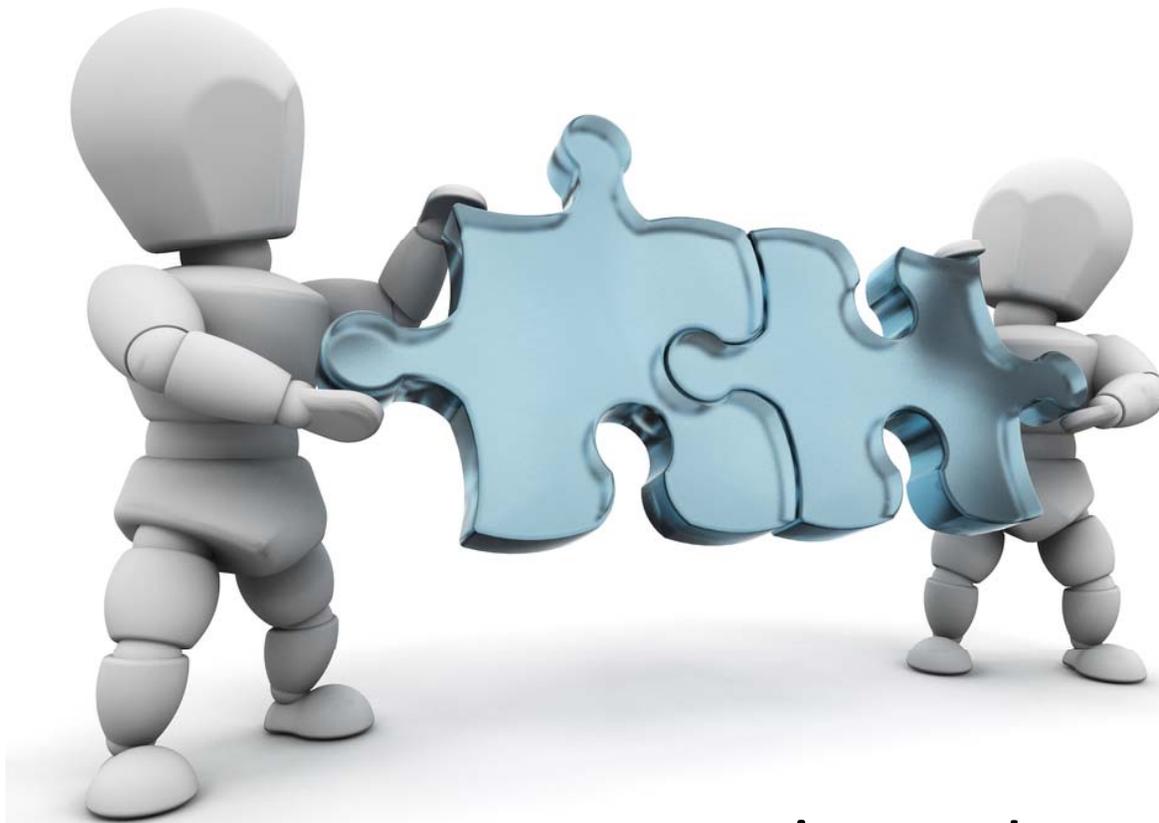
Consent Decree

SWMP



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Harbors Environmental



Let's Work Together



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Prepare for Harbors Inspections



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Know the Regulations



- Industrial NPDES
- Vessel General Permit
- Harbors Washing Approval
- SPCC
- Tier II
- Hazardous Waste



Industrial NPDES Permits

HAR 11-55, Appendix B

- Material Handling and Storage
- Maintenance and Repair
- Sanding and Painting
- Washing
- Fueling



Vessel General Permit



Section 401 WQC Discharges from Non-Recreational Vessels



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Harbors Washing Approval



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Spill Prevention, Control, and Countermeasure

40 CFR 112

1,320
gallons of
petroleum



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Tier II Chemical Inventory



HRS 128E

10,000 lbs



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Hazardous Waste

HAR 11-260



**HAZARDOUS
WASTE**

ACCUMULATION
START DATE _____

CONTENTS _____

HANDLE WITH CARE!
CONTAINS HAZARDOUS OR TOXIC WASTES



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Universal Waste

HAR 11-273



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Implement BMPs

Good
Housekeeping



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Hand Washing

Keep It
Contained



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Fueling



Remain
Vigilant



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Maintenance

Do Maintenance Under Cover



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Vehicle and Equipment Storage

Use a
Drip Pan



Material Storage



How
Should
These
Drums Be
Stored?



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Drain Inlet Protection

Labeling

Filter Fabric



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Correct Deficiencies



20 Days to
Correct



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Enforcement



- Oral or Verbal Warning
- Written Warning
- Notice of Apparent Violation
- Summons or Citations
- Notice of Finding of Violation and Order
- DOH (Up to \$25,000)



Break



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Video – Plastic in the Pacific

www.theoceancleanup.com

Adopt A Harbor



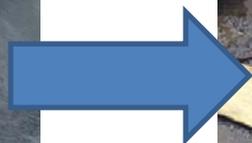
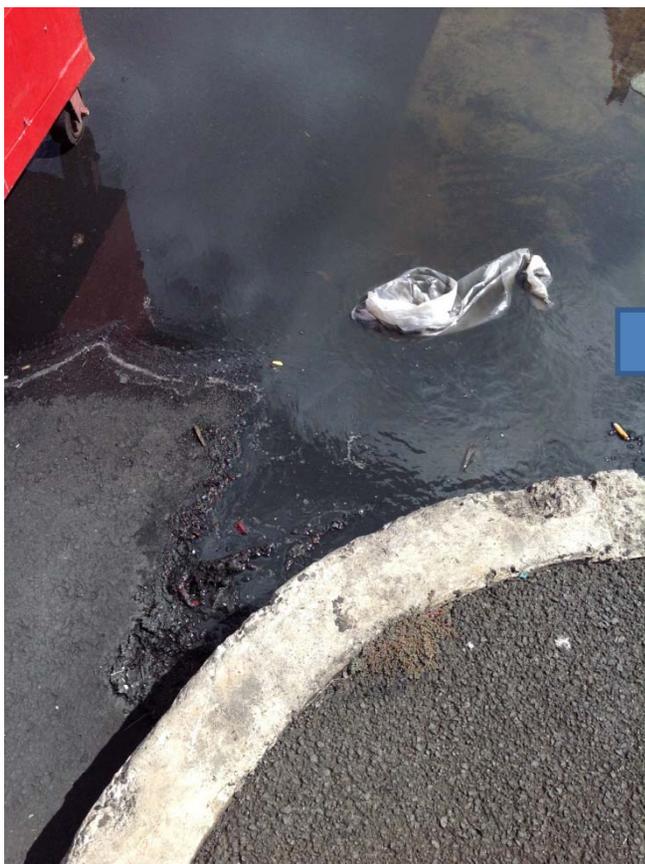
Captain Jeff Lansdown,
Wikoliana Educational
Excursions



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Illicit Discharge

Any non-stormwater discharge that poses a risk to the environment.



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Illicit Discharge

Any non-stormwater discharge that poses a risk to the environment.



Illicit Discharge?

Air Conditioning Condensate is Not an Illicit Discharge



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Illicit Discharge?



Mop Water is an Illicit Discharge



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Spill Response



1. Assess the Risk
2. Select PPE
3. Confine the Spill
4. Stop the Source



Spill Response

5. Clean-up
6. Decontaminate and Dispose of Wastes
7. Complete Required Report



Spill Notifications

- Regulatory reportable quantity:
 - Notify Harbors of spills.
 - 24/7: 808-587-2076 (Harbor Traffic Control Unit).
 - National Response Center.
 - 800-424-8802.
 - Department of Health, HEER
 - 586-4249.
 - Department of Health, CWB.
 - 586-4309.



Storm Drain Mapping

Legend

Stormdrain - Inlet Status

- CCH
- No
- Yes

Stormdrain - Manholes Status

-

Stormdrain - Discharge Status

-

Stormdrain - Fitting

-

Stormdrain - Open Line Status

- No
- Yes

Stormdrain - Line

-

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Storm Drain Mapping

Details

Add

Basemap

Save

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Print

Directions

Layers

Bookmarks

Find address or place

Search

Legend

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Stormdrain - Discharge Status

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-

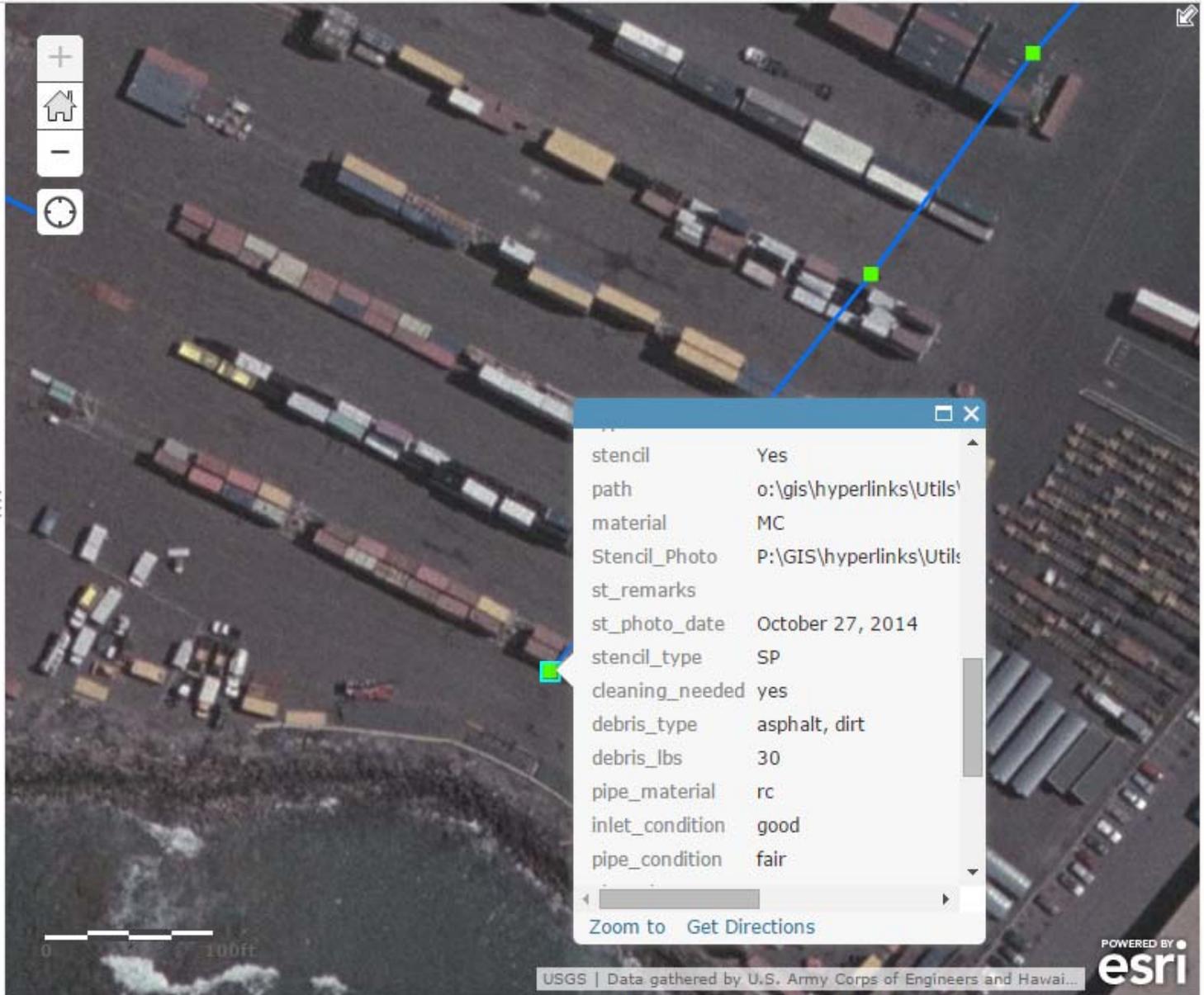
Stormdrain - Open Line Status

- No
- Yes

Stormdrain - Line

-

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stencil	Yes
path	o:\gis\hyperlinks\Utils\
material	MC
Stencil_Photo	P:\GIS\hyperlinks\Utils\
st_remarks	
st_photo_date	October 27, 2014
stencil_type	SP
cleaning_needed	yes
debris_type	asphalt, dirt
debris_lbs	30
pipe_material	rc
inlet_condition	good
pipe_condition	fair

Zoom to Get Directions

Storm Drain Labeling and Cleaning



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Construction / Post-Construction



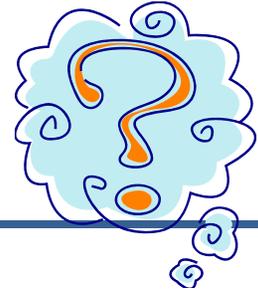
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Iwilei District Participating Parties

Carol Mitsuyasu,
IDPP Project Coordinator



Questions



- Harbors' Website:
<http://hidot.hawaii.gov/harbors/library/storm-water-management/>.
- Harbor's Contacts:
 - Reporting Hotline (Harbors Traffic Control): 587-2076.
 - Randal Leong, P.E.: 587-1962, randal.leong@hawaii.gov.
 - Joy Zhang, P.E.: 587-1960, ying.j.zhang@hawaii.gov.
 - Spencer Yim, P.E., 587-1963 Spencer.K.Yim@hawaii.gov.
 - Michele Freitas: 587-1976, michele.gn.freitas@hawaii.gov.



Please Complete Training Evaluation

Survey Answers:

1. What is the purpose of this annual training?
 - a. To comply with the Consent Decree with EPA/HDOH.
 - b. To provide outreach and education on stormwater awareness and pollution prevention to Harbors tenants.
 - c. None of the above.
 - d. a and b.
2. Where does storm water runoff go after it enters the storm drain?
 - a. CCH sewer system.
 - b. Through the storm drain system and into the harbor without treatment.
 - c. EPA's front door.
 - d. None of the above.
3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Gasoline, diesel, used oil, and paints.
 - c. Rainwater
 - d. a and c.
4. What is the definition of an illicit discharge?
 - a. A non-stormwater discharge that poses a risk to the environment.
 - b. A stolen discharge.
 - c. Stormwater entering the storm drain.
 - d. None of the above.

5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are properly marked and equipped with secondary containment.
 - b. Drums are empty.
 - c. Oil is not a pollutant.
 - d. None of the above.



6. Which of the following are good examples of BMPs for vessel maintenance activities?
 - a. Washing salt off vessel exterior using clean water only.
 - b. Perform maintenance while vessel is out of the water, such as in dry dock.
 - c. Use a tarp or other containment device to capture drips/chips from painting or grinding operations.
 - d. All of the above.

7. Which of the following activities can generate stormwater pollutants?
 - a. Fueling without spill containment.
 - b. Improperly contained vehicle washing.
 - c. Uncontained material storage.
 - d. All of the above.
8. True or False? Every tenant should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
9. If construction activities are planned for a tenant space at Honolulu Harbor or Kalaheo Harbor, what is required?
 - a. Contractor may commence at will.
 - b. Tenant must follow the requirements in Harbors Construction Site Runoff Control Manual.
 - c. Tenant must obtain an NPDES permit from the Department of Health if the work will disturb one acre or more.
 - d. B & C.
10. True or False? According to the Hawaii Revised Statutes Title 15 Chapter 266, fines of \$10,000 per violation per day can be issued for environmental violations.
 - a. True.
 - b. False.

