

2020 Annual Compliance Report for Honolulu Harbor and Kalaeloa Barbers Point Harbor



Small Municipal Separate Storm Sewer System (Small MS4) General Permit Program for

- Honolulu Harbor - NGPC Permit: HI 03KB482
- Kalaeloa Barbers Point Harbor - NGPC Permit: HI 03KB488

State of Hawai‘i
Department of Transportation, Harbors Division
79 South Nimitz Highway
Honolulu, Hawai‘i 96813

January 28, 2021



**PROTECT OUR
HARBOR WATERS**

Mālama I Ke Awa Kai

NPDES Small MS4 General Permit
2020 Annual Compliance Report for
Honolulu Harbor and Kalaeloa Barbers Point Harbor

Certification:

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that this document and its attachments were prepared either by me personally or under my direction or supervision in a manner designed to ensure that qualified and knowledgeable personnel properly gather and present the information contained therein. I further certify, based on my personal knowledge or on my inquiry of those individuals immediately responsible for obtaining the information, that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowingly and willfully submitting a materially false statement.

Signature:  _____

Date: Jan 22, 2021

Printed Name: JADE T. BUTAY

Title: Director of Transportation

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ACRONYMS AND ABBREVIATIONS

ACR	Annual Compliance Report
AG	State of Hawai‘i, Department of the Attorney General
AMS	Asset Management System
BMP	Best Management Practices
CCH	City and County of Honolulu
CD	Consent Decree
COVID-19	Coronavirus Disease 2019
CSRCP	Construction Site Runoff Control Program
CWA	Clean Water Act
HDOH	State of Hawai‘i, Department of Health
HDOH-CWB	State of Hawai‘i, Department of Health, Clean Water Branch
HDOT	State of Hawai‘i, Department of Transportation
HDOT ENV	State of Hawai‘i, Department of Transportation, Office of Environmental Compliance
HDOT-Harbors	State of Hawai‘i, Department of Transportation, Harbors Division
EPA	U.S. Environmental Protection Agency
ERP	Enforcement Response Plan
GIS	Geographic Information System
HAR	Hawai‘i Administrative Rules
HAR-E	HDOT-Harbors Division, Engineering Branch
HAR-EC	HDOT-Harbors Division, Engineering Branch, Construction Section
HAR-EE	HDOT-Harbors Division, Engineering Branch, Environmental Section
HAR-EP	HDOT-Harbors Division, Engineering Branch, Planning Section
HAR-O	HDOT-Harbors Oahu District
HAR-PM	HDOT-Harbors Division, Property Management Staff
HAR-SI	HDOT-Harbors Division, Management Information Systems Staff
IDDE	Illicit Discharge Detection and Elimination
KCT	Kapalama Container Terminal
MCM	Minimum Control Measures
MEP	Maximum Extent Practicable
MOA	Memorandum of Agreement
MS4	Municipal Separate Storm Sewer System
NAV	Notice of Apparent Violation
NGPC	Notice of General Permit Coverage
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operation and Maintenance Plan
ORI	Outfall Reconnaissance Inventory
ORIIP	Outfall Reconnaissance Inventory and Inspection Program
PBMP	Permanent Best Management Practices
PEAR	Program Element Audit Report
P2	Pollution Prevention
P2/GH	Pollution Prevention and Good Housekeeping
PLL	Permits, Licensing and Land
SIDR	Suspected Illicit Discharge Reporting
SSS O&MP	Storm Sewer System Operations and Maintenance Program
SWMP	Stormwater Management Plan
TEMY	Tenant Environmental Manager of the Year
TIM	Tenant Inspection Manual
USACE	U.S. Army Corps of Engineers

NPDES Small MS4 General Permit
Annual Compliance Report for
Honolulu Harbor and Kalaeloa Barbers Point Harbor

1 EXECUTIVE SUMMARY

This report summarizes performance metrics, accomplishments, and compliance with the 2015 Storm Water Management Plan (SWMP), Hawai'i Administrative Rules (HAR) 11-55, Appendix K, and the requirements for the Honolulu Harbor and Kalaeloa Barbers Point Harbor that are described in the 2014 Consent Decree with the United States Environmental Protection Agency (EPA) and State of Hawai'i Department of Health (HDOH), and the State of Hawai'i Department of Transportation (HDOT).

The State of Hawai'i, Department of Health, Clean Water Branch (HDOH-CWB) issued the State of Hawai'i, Department of Transportation, Harbors Division (HDOT-Harbors) two Notice of General Permit Coverages (NGPC) under HAR 11-55, Appendix K for their Small Municipal Separate Storm Sewer Systems (Small MS4s). The permit identification numbers HI 03KB482 for Honolulu Harbor and HI 03KB488 for Kalaeloa Barbers Point Harbor authorize discharges of stormwater and certain non-stormwater discharges to the adjacent harbors.

The most recent version of the SWMP was submitted in 2015. Revisions to the 2015 SWMP commenced in 2018 and are expected to be finalized following the Appendix K permit renewal and publication by HDOH in the near future. No changes have been made to the Outfall Reconnaissance Inventory and Inspection Program (ORIIP), Tenant Inspection Manual (TIM), Construction Site Runoff Control Program, or the Post-Construction Stormwater Program.

The 2015 SWMP was written to describe the measurable goals implemented by HDOT-Harbors to address the requirements of the Clean Water Act (CWA) and intent of six minimum control measure (MCM) listed in the Appendix K permit. In 2020, HDOT-Harbors met 95% of all measurable goals detailed in the 2015 SWMP. Even though, the measurable goals in the areas listed below were not achieved, the overall program objectives were not compromised. Relevant discussion of the effectiveness of these measurable goals are included in this report under each respective area.

1. The social media initiative was suspended by HDOT-Harbors due to concerns regarding vulnerabilities involving false information and misreporting information. The effectiveness of this measurable goal is to be further evaluated. In the meantime, HDOT-Harbors continues to use the stormwater main website to bridge the communications.
2. No stenciling or cleanup volunteer events were arranged or co-hosted in 2020 due to the COVID-19 (Coronavirus Disease 2019) pandemic restricting gatherings of large groups. HDOT-Harbors has started to stencil the storm drains at both public and restricted areas since 2015 and will continue to support tenant's effort to conduct cleanup activities and may participate in other public outreach and involvement events, if able.
3. The total number of Suspected Illicit Discharge Reporting (SIDR) received at HDOT-Harbors continued to decrease comparing to 2019. The decrease in reported SIDR is

partially attributed to the success in disseminating the stormwater awareness message to promote pollution prevention through tenant training and inspections, Protect Our Water Conference, in-house employee trainings, and other forms of outreach and inspections. Additionally, due to COVID-19, many tenant facilities were either forced to close or operate on a smaller scale with limited staff which decreased the potential for illicit discharges.

4. Wet weather outfall reconnaissance was not able to be conducted in 2020 partially due to the COVID-19 pandemic reducing the number of staff present at the construction site which prevented outside entities from gaining access during the Statewide temporary shut down and stay-at-home orders. Additionally, lack of significant rain events during business hours greatly decreased the opportunities to conduct this type of reconnaissance.

The 2014 Consent Decree requires HDOT-Harbors to comply with all requirements of the CWA as well as the terms and conditions of the issued NPDES Permits. In 2020, HDOT-Harbors met all compliance requirements and the timeline listed in the 2014 Consent Decree.

The six MCMs that initiated the HDOT-Harbors stormwater program have been determined to be effective in reducing the discharge of potential pollutants in stormwater. Training and inspections continuously help HDOT-Harbors employees, tenants, consultants, and contractors identify areas that could potentially generate illicit discharges, how to identify and properly report an illicit discharge, and properly manage potential pollutants at their source to minimize negative impact to the surrounding environment. The small MS4 cleaning and street sweeping activities continue to prevent debris from entering receiving waters. Education and outreach efforts promote stormwater awareness to tenants, employees, and the general public.

2 GENERAL NPDES PERMIT INFORMATION

State of Hawai‘i NPDES Program Permit Numbers:

Honolulu Harbor: HI 03KB482

Kalaeloa Barbers Point Harbor: HI 03KB488

Annual Report for Permit Year: 18

Reporting Period: January 1, 2020 – December 31, 2020

Permittee (Owner/Operator) Details:

Organization: State of Hawai‘i
Department of Transportation
Harbors Division

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On March 7, 2003, HDOT-Harbors filed a Notice of Intent (NOI) for both Honolulu Harbor and Kalaeloa Barbers Point Harbor for their Small MS4s on Island of Oahu. The HDOH-CWB issued HDOT-Harbors two NGPCs on May 19, 2003, assigning Small MS4 permit identification number HI 03KB482 to Honolulu Harbor, and HI 03KB488 for Kalaeloa Barbers Point Harbor. Both NGPCs authorize discharge of stormwater and certain non-stormwater discharges from a Small

MS4. HDOT-Harbors discharges only stormwater and certain non-stormwater discharges identified in Hawai‘i Administrative Rules (HAR) § 11-55, Appendix K, and discharges from the stormwater outfalls identified in its NOI, and from any newly-constructed outfalls.

The general permit requires the permittee to:

1. Submit a SWMP within 120 calendar days of the date of the NGPC.
2. Develop, implement, and enforce the SWMP designed to reduce the discharge of pollutants from their Small MS4 to the maximum extent practicable (MEP) in order to protect adjacent harbor water quality.
3. Submit a new NOI with filing fee and obtain a new NGPC for any significant changes to the information submitted in the NOI. This NGPC cannot be modified.
4. Submit the annual compliance report (ACR) by January 28 of the following year in accordance with HAR § 11-55, Appendix K to the HDOH-CWB.

This document fulfills the HDOT-Harbors Division requirement to submit an ACR for the 2015 SWMP prior to the deadline of January 28, 2020.

2.1 PERMIT COMPLIANCE ASSISTANCE

The permittee relies on the entities listed in Table 1 to satisfy some of its NPDES permit obligations.

Table 1. NPDES Permit Compliance Assistance	
State of Hawai‘i Department of the Attorney General (AG)	<ul style="list-style-type: none"> • Involves in making changes to related Hawai‘i Revised Statutes and HAR as necessary. • Serves as primary interface with U.S. Environmental Protection Agency (EPA) Region 9. • Provides legal authority and legal support with preparing the ERP
City and County of Honolulu Dept. of Planning & Permitting Site Development Division Wastewater Branch	<ul style="list-style-type: none"> • Authorizes and tracks drainage connections to its sanitary sewer system through Industrial Wastewater Discharge Permit.
Construction Managers (Various Firms)	<ul style="list-style-type: none"> • Conducts construction inspections. • Ensures construction sites comply with applicable environmental regulations.
Design Consultants (Various Firms)	<ul style="list-style-type: none"> • Incorporates stormwater management program requirements in applicable HDOT-Harbors facilities design projects.
HDOT-Harbors Oahu District	<ul style="list-style-type: none"> • Implements the Storm Sewer System Operations and Maintenance Program (SSS O&MP). • Supports <i>Cityworks</i> data entry. • Provides suggestions to improve the program, including purchasing new equipment.

Table 1. NPDES Permit Compliance Assistance	
	<ul style="list-style-type: none"> • Participates in and assists with enforcement.
EnviroServices & Training Center, LLC	<ul style="list-style-type: none"> • Assists HDOT-Harbors with: <ul style="list-style-type: none"> ○ Meeting the public. ○ Tenant outreach and education. ○ Employee and contractor training. ○ Environmental inspections. • Reporting requirements of the CD, the Small MS4 NPDES permits, and other environmental regulations.
Weston Solutions, Inc.	<ul style="list-style-type: none"> • Assists HDOT-Harbors in meeting the environmental and related civil engineering, environmental permitting, and reporting requirements of the CD, Small MS4 NPDES permits, and other regulations.
Insight Public Sector, Azteca Cityworks, and Woolpert, Inc.	<ul style="list-style-type: none"> • Assists HDOT-Harbors with installing, configuring, testing, and deploying its <i>Cityworks</i> asset management system (AMS) and permits, licensing and land (PLL) software, as well as providing ongoing licensing and software support services.

Copies of this ACR will be submitted to the Mr. Conner Adams of EPA Region IX-PICO and the HDOH CWB.

2.2 STORMWATER MANAGEMENT PLAN

Revisions were made to the SWMP since the initial NOI or the last ACR, including changes in response to the HDOH-CWB review. The most recent version of the SWMP was submitted in 2015. HDOT-Harbors began preparing revisions to its 2015 SWMP to account for stormwater program accomplishments and adjustments. The final revisions are expected to be completed following the official publication of the renewed HAR § 11-55, Appendix K permit by the HDOH in the near future.

No changes were made to the ORIIP during the 2020 reporting year. HDOT-Harbors is in the process of updating the ORIIP Manual, which is expected to be completed with the SWMP revisions. Any significant changes to the ORIIP Manual will be reported in the next ACR. The biennial dry weather outfall reconnaissance was conducted at Honolulu Harbor and Kalaeloa Barbers Point Harbor in 2020. All listed outfalls were reassessed and re-categorized as needed. The majority of the reconnaissance was conducted on the land side in order to implement proper social distancing practices due to COVID-19. Wet weather reconnaissance for designated ‘hotspots’ was not able to be conducted due to insufficient rain events and the COVID-19 pandemic reducing the number of staff present at the construction site at Piers 41 and 42, preventing outside entities from gaining access during the temporary Statewide shut down and stay-at-home orders. No changes were made to the TIM during the 2020 reporting year. HDOT-

Harbors is in the process of updating the TIM, which is expected to be completed with the SWMP revisions. Any significant changes to the TIM will be reported in the next ACR. In 2020, 100% of HDOT-Harbors tenants regulated under these two small MS4 permits were inspected.

No changes have been made to the Construction Site Runoff Program or the Post-Construction Stormwater Program. HDOT-Harbors is in the process of updating both program manuals which is expected to be completed with the SWMP revisions, following the official publication of the renewed HAR § 11-55, Appendix K permit (as discussed previously). Any significant changes to the Construction Site Runoff Program and Post-Construction Stormwater Program will be reported in the next ACR. 100% of regulated active construction sites were inspected in 2020.

The Enforcement Response Plan (ERP) was revised and finalized in April 2020. A hard copy was submitted Mr. Connor Adams of USEPA Region IX-PICO at 300 Ala Moana Boulevard, #5-152, in Honolulu of State of Hawaii, on May 4, 2020.

HDOT-Harbors small MS4s have not annexed land since obtaining permit coverage. There are no receiving water bodies newly listed as impaired and total maximum daily loads have not been established.

3 NPDES PERMIT

Table 2 provides a summary of HDOT-Harbors' NPDES permit conditions and compliance actions.

Table 2. Status of NPDES Permit Compliance			
Description	Yes	No	Explanation
Permittee is in compliance with NPDES permits.	✓		<ul style="list-style-type: none"> • HDOT-Harbors environmental program continued to strive in meeting the six MCM of MS4 NPDES Appendix K permits for both the Honolulu Harbor and Kalaeloa Barbers Point Harbor. • HDOT-Harbors has met permit requirements and is continuously working on improving existing programs.
Permittee has met all conditions of the 2015 SWMP.		✓	<ul style="list-style-type: none"> • HDOT-Harbors has met 95% of all conditions of the 2015 SWMP except for the following areas, which effectiveness appears to be outmoded and needs to be further evaluated in the to-be-updated SWMP. Regardless, the overall program objectives have not been compromised. <ol style="list-style-type: none"> 1. Maintain a web-based media as a means to disseminate stormwater awareness information and increase followers annually. This BMP activity will be further evaluated during the SWMP revisions for its efficiency. Considering cyber-security at the forefront of protecting government information, the proposed social media approaches to promoting stormwater compliance may not be an efficient way to convey the message. Nevertheless, HDOT-Harbors will continue to promote the use of the webpage to bridge the communications. 2. Set up and solicit a volunteer cleanup or storm drain stenciling activity. Due to the COVID-19 pandemic restricting gatherings of large groups, no volunteer activities were conducted. HDOT-Harbors has started to stencil storm drains at both public and restricted areas since 2015 and will continue to support tenant's effort to conduct cleanup activities without further compromise harbor's security policy and participate in other public outreach and involvement events. 3. Increase the number of informational inquiries and reports from the previous year. HDOT-Harbors continues to maintain their SIDR to track informational inquires and reports placed as well as any necessary follow-up activities. This measurable goal appears to be more effective during the inception of the program but can become outmoded after a few years of implementation. HDOT-Harbors has developed different types of mechanism to disseminate

Table 2. Status of NPDES Permit Compliance

Description	Yes	No	Explanation
			<p>stormwater awareness message to promote pollution prevention through tenant training and inspections, Protect Our Water conference, in-house employee trainings, and other forms of outreach and inspections. Through years of successfully implementation through the stormwater outreach program, tenants and the major users at harbors understood more about HDOT-Harbors stormwater program and reasoning on environmental protection. As a result, the total number of recorded illicit discharges has declined over the past few years. This fact may potentially conflict with this measurable goal, which could be more effective during the inception of the program. HDOT-Harbors will evaluate and propose a more feasible and effective method to replace this measurable goal in the to-be-updated SWMP.</p> <p>4. Inspect outfalls according to their risk ranking and ensure that 100% of BMPs identified during wet weather ORI as “needing improvement” are properly addressed. HDOT-Harbors conducted dry weather reconnaissance and reprioritized all outfalls located at Honolulu Harbor and Kalaeloa Barbers Point Harbor. However, wet weather reconnaissance was not able to be conducted partially due to the COVID-19 pandemic restricting the number of staff present at the construction site at Piers 41 and 42 and preventing outside entities from gaining access during the temporary Statewide shut down and stay-at-home order. Additionally, a lack of significant rain events during business hours greatly reduced the opportunities for such reconnaissance.</p>
Permittee has met all conditions of the Consent Decree (1:14-CV-00408-JMS-KSC).	✓		<ul style="list-style-type: none"> • HDOT-Harbors has met all conditions of the Consent Decree.
Permittee is currently in compliance with record-keeping and reporting requirements.	✓		<ul style="list-style-type: none"> • HDOT-Harbors has adequately retained required records. • HDOT-Harbors is currently using its <i>Cityworks</i> AMS to manage its stormwater program work processes and related record-keeping in conjunction with its geographic information system (GIS) maps.

3.1 SWMP CORE PROGRESS EVALUATION

HDOT-Harbors continued to work with consultants to meet the requirements of the Consent Decree and the updated 2015 SWMP. Management continued their involvement to implement the program.

The HDOT-Harbors education and outreach program is designed for HDOT-Harbors employees and tenants. The program increases the general awareness of impacts that different activities may have on stormwater runoff, and how best management practices (BMPs), and post-construction BMPs can help minimize or mitigate those impacts.

All live trainings were moved virtually due to the COVID-19 pandemic in 2020. The HDOT-Harbors Division Annual Stormwater Awareness Training for Harbor Tenants was available as an online video through YouTube. Tenants were notified via email and certified letter to finish the training and provide a completed survey and sign-in sheet to HDOT-Harbors Engineering Branch Environmental Section (HAR-EE) as proof of completion. On November 18, 2020, HDOT-Harbors participated in a statewide virtual Protect Our Water Conference which hosted over 500 attendees to discuss Stormwater Pollution Prevent Plan development; proper installation, maintenance, and inspection of construction BMPs; as well as a review of policies, rules and procedures.



Figure 1 Virtual Protect Our Water Conference

HDOT-Harbors continued its inspections of high, medium, and low risk tenants in 2020 and provided outreach and education during site visits.

HDOT-Harbors continued to implement the Construction Site Runoff Control Program (CSRCP). In 2020, HDOT-Harbors Engineering Branch (HAR-E) and associated consultants and contractors whose primary job duties are related to implementing this program were invited to attend HDOT-Harbors construction and post-construction training, which was conducted during the Protect Our Water Conference and became available online post the conference. HAR-EE continued to review and evaluate all projects from design through construction phases, as well as coordinate and inspect regulated construction sites.

HDOT-Harbors Oahu District (HAR-O) continued its work on pollution prevention and good housekeeping (P2/GH). Two rounds of semi-annual and four rounds of quarterly screening inspections were conducted for all accessible and “discretionary” hot spot storm drain inlets and trench drains in 2020, respectively. Follow-up stenciling and comprehensive cleaning were performed at all drain inlets and trench drains identified as requiring further attention by the screening inspectors.

HDOT-Harbors continued to use its GIS-integrated *Cityworks* AMS for record-keeping, workflow, and data management. This AMS was configured in 2016 to operate on the State of Hawai‘i server, allowing more HDOT-Harbors personnel to gain access and training. *Cityworks* related outreach and training efforts were conducted in 2020 for new hires. Two rounds of AMS workshops were conducted on June 19 and November 20, 2020. HDOT-Harbors Marine Cargo Specialists and Ground Maintenance crew continue to actively use *Cityworks* on computer and/or mobile devices to document work results and to report environmental issues found.

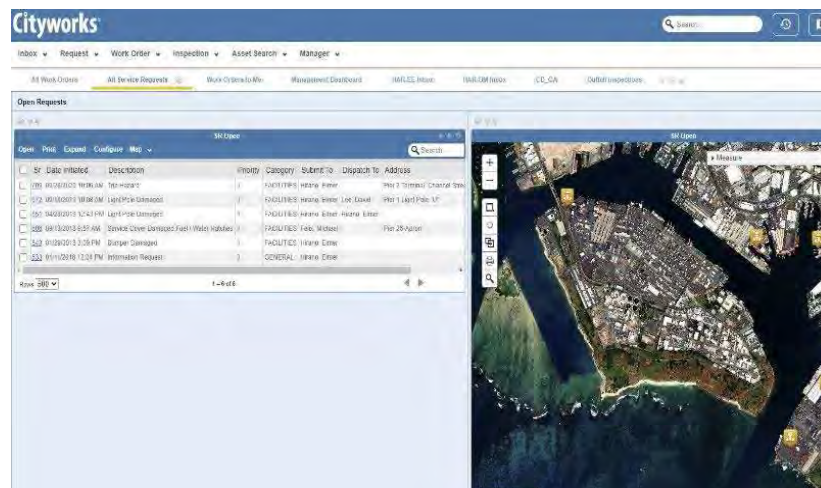


Figure 2 *Cityworks* AMS

3.1.1 Environmental Compliance Audit

As required by Paragraph 10 of the CD and in accordance with the Revised Audit Work Plan approved in November 2016, the sixth Program Element Audit Report (PEAR) concluded in March. The PEAR #6 draft and final reports for HDOT (Attachments 18a and 18b) have been included with this report.

Summary of PEAR #6 Findings & Corrective Actions Taken. PEAR #6 audited all three HDOT Divisions for their Staffing, Funding, Organizational Structure, Availability of Resources, and Storm Water Program Sustainability. HDOT-Harbors audit found no potential violations or deficiencies for both Honolulu Harbor and Kalaeloa Barbers Point Harbor.

3.1.2 Effectiveness of the Program

HDOT-Harbors has determined that majority of the selected BMPs are appropriate to reduce the discharge of potential pollutants in the stormwater. The metrics detailed in Section 4 of this report were effective at tracking HDOT-Harbors stormwater compliance in 2020.

The training and inspection activities continuously helped tenants, consultants, and contractors identify areas that could potentially generate illicit discharges and properly control the sources to minimize potential pollutant discharges. Additionally, regular street sweeping continues to remove debris that would otherwise enter the HDOT-Harbor's small MS4s and, subsequently, the receiving waters.

In 2020, regular storm drainage system inspection and cleaning events continued to ensure that HDOT-Harbors small MS4 functions properly during rain events. Over 9.65 tons of debris that could have been discharged to the adjacent harbors was removed. In the meantime, HAR-O completed the five-year small MS4 cleaning activities that began back in 2015. The small MS4 inspection log is included in Attachments 14 and 15.

The number of debris removed from the small MS4 in 2020 was 65% greater than the previous year. Street sweeping remains an important BMP to minimize debris from entering the small MS4 or adjacent harbor waters.

Sweeping activities took place twice a week and as needed or requested by tenants in 2020. As a result, a total of 277.79 tons of debris were removed from the street sweeping and drain cleaning activities (Attachment 17).

Education and outreach efforts were continuously directed towards tenants, employees, and the general public to promote stormwater awareness. These efforts were focused on preventing the discharge of potential pollutants and debris from everyday activities and implementing source control related BMPs. In 2020, education and outreach activities contributed to the reduction of debris entering the storm drains.

HDOT-Harbors personnel and tenants are trained to be observant during their daily activities and to report suspected illicit discharges so that the potential sources of pollutants can be detained or prevented. In 2020, the number of suspected illicit discharges reported decreased from the previous year. This was likely due to facilities operating at a smaller scale, with employees working either from home or on a staggered schedule, or facilities shutting down operations completely, both due to the COVID-19 pandemic.

Table 3 below summarizes data regarding progress to reduce the discharge of potential pollutants.

Table 3. Status of BMPs				
MCM ¹ Description	BMP Applied ²	Parameter	Quantity	Does BMP Demonstrate a Direct Reduction in Pollutants?
P2/GH	Volunteer event debris removal or cleanup	Cigarette butts, trash, debris	No volunteer event was hosted in 2020	Yes – pollutants would otherwise remain in the MS4
P2/GH	MS4 Cleaning	Debris	9.65 tons	Yes – pollutants would otherwise remain in MS4
P2/GH	Street Sweeping	Debris	277.79 tons	Yes – pollutants would

				otherwise discharge to the MS4
IDDE	Elimination of illicit discharges to MS4	Investigations related to MS4 discharges	5	Yes – illicit discharges reduced or eliminated
IDDE	Elimination of direct discharges to Harbor waters (non-MS4 discharges)	Investigations related to non-MS4 discharges	17	Yes – illicit discharges reduced
Notes ¹ MCM = Minimum Control Measure ² Response Action on MCM/resultant outcome				

3.1.3 Challenges and Proposed Modifications for 2020

The SWMP was last updated in 2015. No changes were made to relevant HDOH rules, correspondingly, no revisions were made to the SWMP in 2020. Recent updates to the SWMP were initiated in 2018 to account for program accomplishments and adjustments to date in conjunction with the new Small MS4 General Permit process with the HDOH. The final revisions to the SWMP are anticipated to be completed in conjunction with the promulgation of the revised HAR § 11-55, Appendix K.

There are a few BMPs which appear to be either insufficient or outmoded in measuring the effectiveness of the program. Discussion of these BMPs is included in corresponding row and will further evaluated during SWMP revisions.

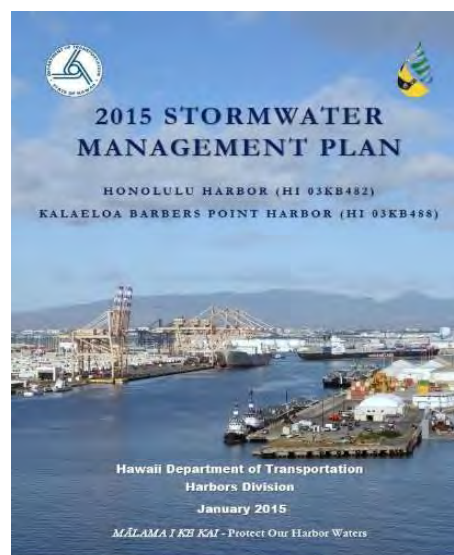


Figure 3 2015 SWMP

3.1.4 Consent Decree Timelines

HDOT-Harbors submitted the revised ERP to the EPA on May 4, 2020. The CD timelines (as of 12/31/2020) have been met.

3.1.5 Water Quality Monitoring Data

The permanent BMPs implemented at HDOT-Harbors are evaluated qualitatively because they have not been implemented long enough to determine their effectiveness. HDOT-Harbors does not have a sufficient number of permanent BMPs to determine their impacts on water quality through monitoring. At this time, HDOT-Harbors has not yet decided on how to effectively monitor the pollutant removal effectiveness of its permanent BMPs. Regular operation and maintenance of these permanent BMPs continued in 2020 to keep up their pollutant removal effectiveness.

3.1.6 Stormwater Messages



PROTECT OUR HARBOR WATERS *Mālama I Ke Awa Kai*

HAR-EE continues to exercise best efforts to display the stormwater awareness message “Mālama I Ke Awa Kai, Protect Our Harbor Waters,” in all printed and electronic communication with tenants and during staff, tenant, or public trainings. To enhance the visibility, HDOT-Harbors has designed a stormwater awareness logo consisting of the awareness message and a raindrop fish to promote responsible environmental behavior in order to protect the harbor.



Additionally, to increase stormwater awareness, stainless steel medallions have been installed adjacent to storm drain inlets and structures to remind HDOT-Harbors employees, tenants, and the public that all drains lead to the ocean without prior treatment. The medallions were installed in 2018 to replace paint-stenciling with an intention to decrease the re-stenciling efforts. Today, they are replaced as needed.

Signs have been installed at visible public areas that include information about illicit discharges and the stormwater hotline number for reporting stormwater issues. In October 2020, an inspection of a total of 83 pollution prevention signs was conducted at Honolulu Harbor and Kalaeloa Barbers Point Harbor to assess the physical condition and visual effectiveness of each sign. The signs previously installed at Kapalama Container Terminal (KCT) Construction Site had been temporarily removed. The inspection determined that three of the 83 signs require repair, replacement or further attention. A work order was created on *Cityworks* to repair/replace these three signs in 2021.



Figure 4 Pollution Prevention Signs

4 STORMWATER MINIMUM CONTROL MEASURES

DOT-Harbors small MS4 permits are regulated by HAR § 11-55, Appendix K, which requires all permittees to develop, implement, and enforce a SWMP designed to reduce the discharge of pollutants from the permittee's small MS4 system to the MEP, to protect water quality, and satisfy the water quality requirements of the Clean Water Act. HAR § 11-55 requires a SWMP to include the following six MCMs with implementation dates and rationales for each measure.

1. Public Education and Outreach;
2. Public Involvement and Participation;
3. Illicit Discharge Detection and Elimination;
4. Construction Site Runoff Control;
5. Post-Construction Stormwater Management in New Development and Re-Development; and,
6. Pollution Prevention and Good Housekeeping.

Appendix K of HAR § 11-55 also requires the permittee to develop “measurable goals” to gauge permit compliance and program effectiveness for each MCM identified above. The permittee shall select measurable goals using an integrated approach that fully addresses the requirements and intent of the MCM.

This section details how HDOT-Harbors has met the six requirements and measurable goals.

4.1 GENERAL PROGRAM REQUIREMENTS

The CD requires HDOT-Harbors to comply with all requirements of the Clean Water Act, as well as the terms and conditions of all applicable NPDES Permits, including the Hawai'i Small MS4 General Permit.

Table 4 provides a summary describing HDOT-Harbors' General Program Requirements listed under the CD.


Table 4. General Program Requirements							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.5. Stockpile BMPs	HAR-EE / HAR-E Maintenance Section	By 11/5/14, develop and implement a plan for stockpile stabilization.	11/5/14	<ul style="list-style-type: none"> The stockpile stabilization plan submitted to the HDOH and EPA in 2014 was approved in 2015. Stockpiles were stabilized with vegetation, soil sediment control, and berms. All stockpiles were inspected in 2020. The last inspection was conducted on 12/3/2020 (Attachment 13) No stockpile materials were removed in 2020. 		N/A	<p>Continue to maintain BMPs implemented.</p> <p>Re-purposing of the remaining Stockpile 2A materials as well as those from other KBPH stockpiles is currently being investigated for potential development projects. Soil stabilization will be applied to Stockpile 5 following further assessment.</p>

Table 4. General Program Requirements






MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.10. Office of Environmental Compliance	DOT Administration	By 5/4/15, ensure: 1) Reports to Director of Transportation 2) Reorganize and hire manager. 3) Oversee compliance for DOT. 4) Perform program audits.	11/5/14	<ul style="list-style-type: none"> In 2016, the manager position of Office of Environmental Compliance (ENV) manager was filled. This manager now oversees compliance for DOT. The audit plan was developed and implemented in 2017. Program audit of the last element on Staffing, Funding, Organizational Structure, Availability of Resources, and Stormwater Program Sustainability audit was completed in March 2020. Thus, the 3rd-party compliance audit of all six program elements has been completed for the small MS4 Permits issued to HDOT-Harbors. 		N/A	None.
CD.11.a. SWMP Modification	HAR-EE	By 2/3/15, modify the joint SWMP to comply with the CD and MS4 permits and post it on the HDOT-Harbors web page.	11/5/14	<ul style="list-style-type: none"> The SWMP was modified and posted to the HDOT-Harbors web page in February of 2015. Modifications to the 2015 SWMP were initiated in 2018 and will be finalized following the promulgation of HAR § 11-55 Appendix K. 		N/A	Complete modifications to the SWMP in conjunction with revised HAR § 11-55, Appendix K Permit.

Table 4. General Program Requirements

MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.19.a. Enforcement Response Plan (ERP)	HAR-E and Harbors Division, Property Management Section (HAR-PM)	By 12/5/14, submit an ERP to DOH and EPA.	11/5/14	<ul style="list-style-type: none"> A revised draft of the ERP was submitted to the EPA on August 5, 2015 but was not approved. The ERP was revised and submitted to the EPA in May 2020. 		N/A	Implement where necessary.
CD.19.b. Memorandum of Agreement (MOA)	AG	By 12/5/14, enter into a MOA with DOH.	11/5/14	The MOA with HDOH was signed by both parties and transmitted to the EPA on May 26, 2015.		N/A	Implement where necessary.
CD.19.b. Authority to Issue Civil Fines	AG	By 12/31/14, use best efforts to obtain authority to issue civil fines.	11/5/14	The ERP was revised and submitted to the EPA in May 2020.		N/A	Implement enforcement actions and penalties for construction contractors, tenants & third parties in accordance with the approved ERP.

4.2 PUBLIC EDUCATION AND OUTREACH

HAR § 11-55 Appendix K, requires the small MS4 permittee to provide public education and outreach. This public education program provides educational materials to users of the permittee's small MS4 and outreach activities emphasizing the following:

- A. Impacts of stormwater discharges on water bodies;
- B. Hazards associated with illicit discharges; and
- C. Measures that users of the permittee's small MS4 can take to reduce pollutants in stormwater runoff, including, but not limited to, minimizing fertilizer application, and practicing proper storage and disposal of chemicals and wastes.

Table 5 provides a summary describing HDOT-Harbors' public outreach and education program, including the MCM, milestones, BMP goals, and planned activities.

Table 5. Public Education and Outreach


MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD 14.a.i. SWMP A.3.1.1 Awareness Message Integration	HAR-EE	100% of printed and electronic communications with tenants, staff, and public should include the environmental message.	1/1/20	<ul style="list-style-type: none"> The stormwater message was revised in November 2018 from “Mālama I Ke Kai” to “Mālama I Ke Awa Kai” for accuracy on the Hawaiian translation of Protect our Harbor Waters. HAR-EE continues to exercise the best efforts to display the stormwater awareness message "Mālama I Ke Awa Kai - Protect Our Harbor Waters " in all printed and electronic communication with tenants and during staff, tenant, or public trainings. A logo consisting of the message and the HDOT’s raindrop fish was designed to promote responsible environmental behavior. 		Evaluate the stormwater awareness message and revise as “Mālama I Ke Kai Awa” if needed.	Continue to integrate message into all printed and electronic communication.

Table 5. Public Education and Outreach


MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD 14.a.ii. SWMP A.3.1. Awareness Message Distribution	HAR-EE	Identify and implement no less than three forms of disseminating stormwater awareness information to tenants and the public.	1/1/20	<p>The stormwater message and logo has been included in at least five forms of information:</p> <ul style="list-style-type: none"> • Documents (SWMP, ACR). • Newspaper advertisement (Attachment 1). • BMP Handouts (Attachment 2a) • Reduce, Reuse, Recycle Brochure (Attachment 2b) • Construction and Post-Construction Brochures (Attachment 2c and 2d) • New Tenant Welcome Brochure (Attachment 2e) • Tenant Training Notice (Attachment 3a). • Training presentations (Tenant, Construction and Post-Construction, and IDDE) (Attachments 3b, 4a, and 6a). 		N/A	Continue to include message wherever beneficial.

Table 5. Public Education and Outreach


MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.a.ii. SWMP A.3.1.3. Social Media	HAR-EE	Annually, increase the number of users who “follow” the HDOT-Harbors social media page / account.	1/1/20	<ul style="list-style-type: none"> At this time, the public and tenants are directed to visit information posted on HDOT-Harbors Stormwater Management web page, and report suspected illicit discharges to Harbor Traffic Control at (808) 587-2076 (24/7) or Reporting Hotlines at (808) 587-1962 (working hours only). A new web site dedicated for HDOT-Harbors SWMP was created in 2019 to mirror the existing one with a customized web address reflecting the stormwater awareness message http://hidot.Hawaii.gov/HDOT-Harbors/malamaikeawakai/ There were 1,524 web page views in 2020 which is higher than the 1,354 views in 2019. 		This MCM/BMP will be evaluated in the new SWMP that will be updated in conjunction with the new HAR § 11-55, Appendix K.	Re-evaluate goals in accordance with revised social media strategy.

Table 5. Public Education and Outreach

MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD 14.a.ii. SWMP A.3.1.4. Volunteer Event	HAR-EE	Annually, set up and solicit one volunteer event.	1/1/20	No volunteer event was arranged and/or co-hosted in 2020 due to the COVID-19 pandemic prohibiting gatherings of large groups.		This MCM/BMP will be evaluated in the new SWMP that will be updated in conjunction with the new HAR § 11-55, Appendix K.	Continue to support and/or co-host a volunteer event.
CD 14.a.ii. SWMP A.3.1.4. Volunteer Event Participation	HAR-EE	Increase participation from the previous year if less than 50 individuals attend.	1/1/20	<ul style="list-style-type: none"> No volunteer event was arranged and/or co-hosted in 2020 due to the COVID-19 pandemic prohibiting gatherings of large groups. Majority of the areas are managed by HDOT-Harbors are secured with limited public accessibility. HDOT-Harbors will continue to stencil all storm drains at Honolulu Harbor and Kalaeloa Barbers Point Harbor. HDOT-Harbors continues to support tenants who are willing to conduct cleanup activities without further compromise of harbors security policy. 		This MCM/BMP will be evaluated in the new SWMP that will be updated in conjunction with the new HAR § 11-55, Appendix K.	Continue to support and/or co-host a volunteer event.

Table 5. Public Education and Outreach



MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.a.ii.1) SWMP A.3.2.4. Tenant Training	HAR-EE	Ensure 80% of tenants participate in annual tenant stormwater training.	1/1/20	<ul style="list-style-type: none"> A virtual online stormwater training video was implemented in lieu of the live training sessions due to COVID-19. The video was made available to tenants in August 2020 via YouTube. (Attachments 3a, 3b, and 3c). 88 % of tenants attended this training (Attachment 3c). No TEMY award was presented in 2020. 		N/A	Continue the efforts and increase the training participation rate through individual calls, visits, email reminder, etc.
SWMP A.3.2.4. Training Feedback	HAR-EE	Annually ensure that at least 50% of tenant training attendees provide a positive feedback.	1/1/20	<ul style="list-style-type: none"> Based on the feedback forms received following the two training events, 92% of tenants gave positive feedback regarding the quality of the training's content and 89% gave positive feedback regarding the quality of the speaker. A summary of the tenant training feedback and completed surveys are in Attachment 3e. 		N/A	Continue to track training feedback and make improvements to training where feasible.

Table 5. Public Education and Outreach



MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.a.iii. SWMP A.3.1.2. Newspaper Advertisement	HAR-EE	Annually place an ad in one local newspaper to educate the public and describe HDOT-Harbors efforts to improve stormwater quality.	1/120	A newspaper advertisement was placed in the Honolulu Star Advertiser on 11/07/2020 that described HDOT-Harbors efforts on pollution prevention and how the public can help (Attachment 1).		N/A	Develop and publish one advertisement.
SWMP A.3.1.5. SIDR	HAR-EE	Annually increase the number of inquiries and reports received.	1/1/20	<ul style="list-style-type: none"> In 2020, HDOT-Harbors received 22 inquiries/reports, a slight decrease from the 31 received in 2019 (Attachment 10a & 10b). HDOT-Harbors reinforced reporting procedures in their annual IDDE training. 		The effectiveness of this MCM/BMP will be evaluated in the new SWMP that will be updated in conjunction with the new HAR § 11-55, Appendix K.	Continue to increase the number of inquiries and reports received through advertisement of the hotline number & education. Distribute SIDR pocket guides for HAR-O & HAR-E use.
SWMP A.3.1.5. Response to inquiries and reports within SIDR.	HAR-EE	Respond to all inquiries and reports within 24 hours to minimize water quality impacts.	1/1/20	All inquiries were responded to within 24 hours.		N/A	Continue to respond to received inquiries.

Table 5. Public Education and Outreach





MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.b.i. SWMP A.3.1.6. Update Webpage	HAR-EE, Harbors Division, Management Information Systems (HAR-SI)	Ensure that web page remains useful and relevant.	1/1/20	The web page has been updated throughout 2020 to include updated training materials (http://hidot.Hawaii.gov/HDOT-Harbors/library/storm-water-management/ ; http://hidot.Hawaii.gov/HDOT-Harbors/malamaikeawakai/).		N/A	Continue to update the web page as needed.
CD.14.b.ii. SWMP A.3.1.6. Webpage Links	HAR-EE, HAR-SI	Ensure links to Airports and Highways are included on the web page.	1/1/20	The links to the other HDOT Division websites are included on the HDOT-Harbors web page.		N/A	Maintain links.
CD.14.b.iii. SWMP A.3.1.6. Web page Message	HAR-EE, HAR-SI	100% of web pages where stormwater awareness message is prominently displayed.	1/1/20	The stormwater message is prominently displayed on the HDOT-Harbors web page as well as Stormwater Educational Materials.		N/A	Continue to display message.
CD.14.b.iii. SWMP A.3.1.6. Web page Visitors	HAR-EE, HAR-SI	Ensure the number of visitors to HDOT-Harbors stormwater management web page has increased from the previous year.	1/1/20	HDOT-Harbors received a total of 1,187 unique page views in 2020 which is slightly higher than the 1,057 unique page views in 2019.		This MCM/BMP will be evaluated in the new SWMP in conjunction with the new HAR § 11-55, Appendix K promulgation.	Revise web page to attract new visitors. Continue to promote web page through trainings and material handouts. Continue to track web page views.

Table 5. Public Education and Outreach



MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.c.i. SWMP A.3.1.7. Stormwater Signs Installation	HAR-EE, HAR-O	By 11/5/14, identify 50 locations that are suitable for signs.	11/5/14	Completed in 2014 and tracked in AMS. To date, 83 signs have been installed. Several signs were temporarily removed from the KCT construction site.		N/A	Replace/repair missing or damaged signs. Continue to evaluate the need for additional signs.
CD.14.c.i. SWMP A.3.1.7. Stormwater Sign Evaluation	HAR-EE	Annually, evaluate whether additional stormwater signs are necessary	1/1/20	<ul style="list-style-type: none"> Signage evaluation has indicated that no additional signage at Honolulu Harbor and Kalaeloa Barbers Point Harbor is needed at this time. The ongoing and future redevelopment of certain areas at Honolulu Harbor and Kalaeloa Barbers Point Harbor will require re-evaluation of pollution prevention signage requirements in the future. Signage evaluation indicated that three signs needed repair, replacement, or further attention. Work orders have been created and signs will be repaired or replaced in 2021 when workload permits. 		N/A	Replace/Repair missing or damaged signs. Continue to evaluate the need for more signs.

Table 5. Public Education and Outreach




MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.c.ii. SWMP A.3.1.7. Storm Drain Inlet Stencils	HAR-EE/ HAR-O	By 2/3/15, ensure 100% of storm drain inlets are stenciled.	2/3/15	100% of accessible storm drains (447 drain inlets & 123 trench drain segments) were inspected to determine if stenciling, re-stenciling, and/or medallion installation is required in 2020 (Attachment 15a and 15b).		N/A	Continue to re-stencil/re-label, as necessary.
CD.14.c.ii. SWMP A.3.1.7. Storm Drain Inlet Stencils	HAR-EE / HAR-O	Annually inspect 100% of stencils for legibility prior to the wet season and re-stencil within 60 days of the inspection as needed.	1/1/20	<ul style="list-style-type: none"> In 2020, HDOT conducted an inspection of stencils simultaneously with the storm drain inspection efforts. 100% of stenciled drains were inspected and 32% required re-stenciling. This is likely due to the installation of stainless-steel markers (medallions) since 2018. 		N/A	Inspect stencils and re-stencil/re-label as necessary. Continue to install more durable stencils and markers as needed.
CD.14.d.i. SWMP A.3.2.3. Tenant BMPs	HAR-EE	Annually, ensure that 100% of information on BMPs is available in fact sheets.	1/1/20	<p>A list of updated tenants' BMPs is available on the HDOT-Harbors web page:</p> <ul style="list-style-type: none"> http://hidot.Hawaii.gov/HDO T-Harbors/library/storm-water-management/ http://hidot.Hawaii.gov/HDO T-Harbors/malamaikeawakai/ 		N/A	Distribute BMP flyers as necessary.

Table 5. Public Education and Outreach




MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.d.ii. SWMP A.3.2.1. Tenant Lease Agreements	HAR-PM	Ensure 100% of new / renewed tenant leases include language requiring BMPs.	1/1/20	<ul style="list-style-type: none"> Lease agreement and revocable permit language format were updated back in 2015 to include requirements on stormwater BMPs. 100% of new/renewed tenant leases and revocable permits have incorporated the updated language. 		N/A	Continue to use the new format.
CD.14.d.ii SWMP A.3.3.1 Vessel BMPs	HAR-O	Develop BMPs for Vessel Operators and make them available on the web page or as print media.	11/5/14	<ul style="list-style-type: none"> A BMP flier is available on the HDOT-Harbors web page titled "BMPs for Small Vessel Maintenance Activities." HDOT-Harbors will continue to work on translating this BMP into other foreign languages as necessary, to provide outreach to non-English speaking users. 		N/A	Distribute updated flyers. Continue to evaluate and translate this BMP into foreign languages, as necessary.
CD.14.e.i. SWMP A.3.2.2. Tenant Inventory	HAR-EE / HAR-PM	Ensure that 100% of tenants are accurately listed in the electronic inventory based upon most recent inspection.	1/1/20	<ul style="list-style-type: none"> HDOT-Harbors continued to maintain their electronic tenant inventory. 100% of tenants are included in the Cityworks. 		N/A	Continue to update and maintain tenant inventory data to GIS-integrated AMS.

Table 5. Public Education and Outreach








MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.f.i. & ii. SWMP A.3.2.4. Tenant Survey	HAR-EE	Annually, provide a questionnaire to tenants and have 60% of tenants respond. Use data from quiz to update training materials.	1/1/20	<ul style="list-style-type: none"> Approximately 87% of tenants completed a questionnaire following self-scheduled tenant training events. A summary of the results and the hard copy questionnaire are included in Attachment 3c. The most commonly missed question (#8) was relating to storm drain BMPs. (Attachment 3c). 		N/A	Update the training quiz and distribute to tenants.
CD.14.g. SWMP A.3.2.3.-4. Tenant Educational Materials	HAR-EE	Twice per year, distribute educational materials to tenants.	1/1/20	Educational materials that were distributed in 2020 include handouts provided with the annual Tenant Stormwater Awareness Training notification email and certified mail (Attachment 3a) and handouts available at the annual Protect Our Water Conference on 11/18/2020.		N/A	Distribute materials twice per year.
CD.14.h.i. New Tenant Information Package	HAR-EE	Develop and update as necessary the New Tenant Information Package to include stormwater requirements.	11/5/14	<ul style="list-style-type: none"> The new tenant information package is available on the HDOT-Harbors web page and is also provided to the new tenants directly. The new tenant welcome brochure was updated in 2019. No updates were made in 2020. 		N/A	Distribute information to new tenants.

Table 5. Public Education and Outreach

MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.14.h.ii. TIM Section 2 Inspect New Tenants	HAR-EE	Conduct an initial inspection of 100% of new tenants within three months of the tenant occupying a Harbor's space.	1/1/20	One new/initial inspection was conducted in 2020, which represents 100% of new tenants formally identified by HAR-PM (Labeled as "new" under the "Inspection Type" column in Attachment 8).		N/A	Inspect new tenants as applicable.

4.3 PUBLIC INVOLVEMENT AND PARTICIPATION

HAR 11-55, Appendix K requires the small MS4 permittee to create a public involvement program that includes users of the permittee's small MS4 to develop, implement, and review the SWMP. Table 6 shows how HDOT-Harbors satisfied this requirement for its tenants and the general public.

Table 6. Public Involvement and Participation							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.11.a.ii. SWMP A.4. Solicit Comments through Web page	HAR-EE	By 2/3/15, solicit comments on the revised SWMP through the HDOT-Harbors web page.	11/5/14	<ul style="list-style-type: none"> The SWMP was posted on the HDOT-Harbors web page in February 2015. There were 1,669 web page views in 2015 and no public comments received on the SWMP. 		N/A	Re-evaluate public involvement strategy.
CD.11.a.ii. SWMP A.4. Solicit Comments through Newspaper	HAR-EE	By 2/3/15, advertise in one local newspaper for SWMP comments	11/5/14	<ul style="list-style-type: none"> On February 7, 2015, a notice was placed in the Honolulu Star Advertiser that directed the public to comment on the updated SWMP. No public comments were received in 2015. 		N/A	Re-evaluate public involvement strategy.
CD.11.a.ii. SWMP A.4. SWMP Commenter	General Public, Tenants	Within 45 days of posting SWMP, receive at least one comment on the updated SWMP from a tenant or the public. Receive at least one comment that results in a revision to the SWMP.	2/2/15	No public comments were received on the SWMP.		N/A	Re-evaluate public involvement strategy.

4.4 ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM

HAR § 11-55, Appendix K requires the small MS4 permittee to create an IDDE program. The program implements and enforces methods to detect and eliminate illicit discharges that, at a minimum, include the following:

- A. Establish rules, ordinances, or other regulatory mechanism, including enforcement procedures and actions, that prohibit non-stormwater discharges, Section 1 of HAR § 11-55, Appendix K lists discharges that do not cause or contribute to any violations of water quality standards, into the permittee's small MS4 system;
- B. Procedures to detect and eliminate illicit discharges as defined in Code of Federal Regulations 40 Section 122.26(b) (2); and
- C. Compile of a list of non-stormwater discharges or flows that are considered to be significant contributors of pollutants to the system, and measures to prevent these discharges into the permittee's small MS4, or reduce the amount of pollutants in these discharges.

Table 7 summarizes data regarding HDOT-Harbors' IDDE program, MCMs, BMPs, goals, milestones, and planned activities.


Table 7. Illicit Discharge Detection and Elimination (IDDE) Program							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.16.a. Illicit Discharge Definition	HAR-EE	By 11/5/14, promulgate a definition of illicit discharge with examples.	11/5/14	<ul style="list-style-type: none">• Definition included in SWMP and provided in all training presentations, including tenant/employee stormwater general awareness, construction and post-construction, tenant inspector, ORI, and IDDE.• Definition of illicit discharge: "A non-stormwater discharge that poses a risk to the environment."		N/A	Continue to communicate definition.

Table 7. Illicit Discharge Detection and Elimination (IDDE) Program



MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.16.b.i. & iii. SWMP B.4. Tenant Site Assessments	HAR-EE, HAR-O, HAR-PM	Annually, conduct site assessments in high-risk areas and implement enforcement response plan where necessary.	1/1/20	<ul style="list-style-type: none"> • HAR-O personnel and HAR-PM have been informed that they should remain vigilant during daily activities in harbor areas for suspected illicit discharges. • HAR-EE and consultants' personnel assessed sites for illicit discharges during tenant, construction, and outfall inspections. Refer to those items for additional data. • There were no enforcement actions as a result of site assessments in 2020. 		N/A	Update IDDE and tenant training and continue to conduct site assessments.
CD.16.b.ii. SWMP B.4. Outreach Activities	HAR-EE	Conduct outreach during site assessments and identify areas that may need signs.	1/1/20	<ul style="list-style-type: none"> • HDOT-Harbors continued to provide verbal outreach during site assessments and other activities. • In 2020, HDOT-Harbors environmental personnel conducted an inspection of 83 metal signs to assess their quality and need for replacement. • Three signs were found in need of repair, replacement or other further action. 		N/A	Continue to conduct outreach activities.




Table 7. Illicit Discharge Detection and Elimination (IDDE) Program							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.16.c.i. SWMP B.3. ORIIP Section 2 Outfall Prioritization	HAR-EE	Annually, reprioritize outfalls.	1/1/20	All outfalls were inspected from March 11 to May 5, 2020 at Honolulu Harbor and Kalaeloa Barbers Point Harbor, and their risk ranking was reprioritized. Inspection reports were entered into Cityworks.		N/A	Re-prioritize outfalls based on ORI.
CD.16.c.i. SWMP B.3. ORIIP Section 2 Outfall Inspections	HAR-EE	Inspect outfalls according to their risk ranking.	1/1/20	<ul style="list-style-type: none"> All outfalls were inspected using the ORI form for Dry Weather Reconnaissance. Dry weather ORI report is found in Attachment 9. 		N/A	<p>Conduct dry weather reconnaissance of all outfalls.</p> <p>Conduct wet weather reconnaissance.</p>
CD.16.c.ii. & CD.16.d. SWMP B.3 ORIIP Section 3.3 Dry Weather Illicit Discharges	HAR-EE	Ensure 100% of illicit discharges identified during dry weather flows are properly addressed.	1/1/20	Outfall reconnaissance revealed no illicit discharges		N/A	Continue to address illicit discharges if any.

Table 7. Illicit Discharge Detection and Elimination (IDDE) Program



MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.16.c.i.2. & CD.16.c.ii. SWMP B.3 ORIIP Section 3.4 Wet Weather BMP Improvements	HAR-EE	Ensure that 100% of BMPs identified during wet weather ORI as needing improvement are properly addressed.	1/1/20	No wet weather reconnaissance was able to be conducted for outfalls in high-risk areas (e.g., a NPDES NOI-C Permit regulated construction site) in 2020, partially due to lack of significant raining events and mandated temporary shutdown and stay-at-home orders.		N/A	Continue to address BMPs that need improvement.
CD.16.d. SWMP B Illicit Discharge Tracking and Elimination	HAR-EE	Identify and take necessary actions to stop the source of all illicit discharges.	1/1/20	<ul style="list-style-type: none"> • There were four illicit discharge identified from tenant facilities and all were addressed promptly (Attachment 10a). • HAR-EE also assisted with resolving 22 other reports of miscellaneous discharges when requested (Attachment 10b). 		N/A	Investigate illicit discharges where observed.
CD.16.e.i. TIM Section 4.3 Tenant Risk Ranking	HAR-EE HAR-PM	Annually ensure that all tenants have been risk ranked according to the TIM.	1/1/20	<ul style="list-style-type: none"> • An inventory of tenant inspections and their risk rankings are included in Attachment 8. • There are 40 low ranked tenant sites, 17 medium ranked tenant sites and 4 high ranked tenant sites for a total of 61 risk ranked tenant sites for 2020. 		N/A	Update risk ranking as necessary.




Table 7. Illicit Discharge Detection and Elimination (IDDE) Program							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.16.e.ii Routine Tenant Inspections	HAR-EE HAR-PM	Conduct tenant inspections / site reconnaissance in accordance with risk ranking and TIM.	1/1/20	<ul style="list-style-type: none"> In 2020, a total of 68 routine/recurring tenant inspections and site reconnaissance were conducted. This accounts for 100% of tenants inspected in accordance with the current risk ranking and TIM. Outreach materials were provided during these inspections when as instructed and tenants were also instructed to visit the HDOT-Harbors web page. 		N/A	Continue to conduct inspections as required by risk ranking.
CD.16.e.iii. Site Reconnaissance Follow-up Inspections	HAR-EE HAR-PM	Ensure that 100% of follow-up inspections to the site reconnaissance are completed following a substantive change to a facility's operations, size, or activities.	1/1/20	<ul style="list-style-type: none"> There were no substantive changes to facility operations, size or activities in 2020. One follow-up inspection was needed after conducting the annual reconnaissance. 		N/A	Continue to conduct follow-up inspections as necessary.
SWMP B.2. TIM. Illicit Discharge Follow-up Inspections	HAR-EE	Ensure that 100% of follow-up inspections for illicit discharges are completed within 7 days of discovery.	1/1/20	100% of follow-up inspections for illicit discharges when requested were completed within seven days of discovery (Attachment 10a-10b).		N/A	Continue to conduct follow-up inspections as necessary.






Table 7. Illicit Discharge Detection and Elimination (IDDE) Program							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
SWMP B.2. TIM. Compliant Follow-up Inspections	HAR-EE	Ensure that 100% of follow-up inspections are completed the next working day after receipt of a compliant.	1/1/20	There were no complaints received in 2020.		N/A	Continue to conduct follow-up inspections as necessary.
CD.15.a.i. SWMP B.6.1. Employee Awareness Training	HAR-EE HAR-O	Annually, ensure that 100% of employees receive stormwater awareness and pollution prevention survey. Ensure that 80% of employees respond to the survey.	1/1/20	<ul style="list-style-type: none"> • HDOT-Harbors created a survey via an online survey site called Google Forms. 97.05% of HDOT-Harbors employees completed the educational survey and feedback was positive for the online platform. A summary of the survey results and a copy of the survey are included in Attachment 5b. • Although the majority received very high scores, the most commonly missed question (#5) related to BMPs to help reduce the impact on water pollution. 		N/A	Evaluate the feedback and results from previous year and update educational materials to employees and conduct another survey.
CD.15.a.ii. SWMP B.6.1. Employee Education	HAR-EE HAR-O	Annually ensure that 100% of employees receive information about stormwater pollution.	1/1/20	Handouts and informational sheets were distributed to HDOT-Harbors offices to provide enhanced general awareness on stormwater management and improving general housekeeping (Attachment 2a).		N/A	Continue to distribute educational material.

Table 7. Illicit Discharge Detection and Elimination (IDDE) Program

MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities 2021
CD.15.b.i. Illicit Discharge Detection and Elimination (IDDE) Program Training	HAR-EE HAR-O	Annually, train 100% of Marine Cargo Specialists, Police, and Grounds Supervisors on IDDE procedures.	1/1/20	<ul style="list-style-type: none"> In 2020, due to onset of COVID-19, IDDE training was provided to Marine cargo specialists, Harbor police, and grounds supervisors via online training video (Attachment 6a). Additionally, all HDOT-Harbors personnel were outreached via email on reporting suspected illicit discharges in harbor areas when observed. The presentation slides and a summary of completed training quizzes are included in Attachments 6a and 6b, respectively. This exceeds 100% of available HDOT-Harbors personnel trained in 2020. 		N/A	Continue to train on IDDE.
CD.15.b.ii. & iii. SWMP B.6.2. & 3. Inspector Training	HAR-EE	Ensure that 100% of inspectors have received tenant and/or Outfall Reconnaissance Inventory (ORI) training.	1/1/20	There was one new inspector that required training in 2020 (Attachment 7a & 7b).		N/A	Provide training to any new inspectors.

4.5 CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

HAR § 11-55, Appendix K requires the small MS4 permittee to develop, implement, and enforce a program to reduce pollutants in stormwater runoff entering the permittee's small MS4 system from construction activities disturbing one acre or more. Included are construction activities less than one acre that are part of a larger common plan of development or sale that would disturb one acre or more. Program priorities, includes:

- A. Established rules, ordinances, or other regulatory mechanism, including enforcement procedures and actions, that require erosion and sediment controls;
- B. Requirements for construction site operators to implement appropriate erosion and sediment control BMPs;
- C. Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the adverse impacts to water quality;
- D. Procedures for site plan reviews which incorporate consideration of potential water quality impacts;
- E. Procedures for receipt and consideration of information submitted by the public; and
- F. Procedures for site inspection and enforcement of control measures.

Table 8 provides information about the construction site runoff controls, including MCMs, BMPs, goals, milestones, and planned activities.


Table 8. Construction Site Stormwater Runoff Control							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.17.a. City and County of Honolulu BMPs	HAR-EE	Ensure that City and County of Honolulu (CCH) BMPs are implemented for construction activities, where applicable.	11/5/14	<ul style="list-style-type: none">• The CCH BMPs are referenced in the construction manual.• Further, during plan reviews and inspections, construction sites are evaluated to ensure they are following the CCH construction BMP requirements when applicable.		N/A	Continue implementing CCH BMPs.

Table 8. Construction Site Stormwater Runoff Control




MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.17.b.i. SWMP C – CSRPC Inspections	HAR-EE / Construction Managers	Ensure 100% of construction inspections and enforcement actions are entered in a database.	1/1/20	<ul style="list-style-type: none"> The construction inspection inventory is included in Attachment 11. There were seven regulated active sites and 55 inspections completed during 2020. There were no enforcement actions other than findings and recommendations documented in the inspection checklist, the majority of which were addressed during or by the next round of inspection. 		N/A	Continue tracking construction inspections and enforcement.
CD.17.b.ii. Temporary Erosion and Sediment Control Inspector	HAR-EE / Personnel Office	By 11/5/14, assign one temp and full-time position whose duties will include sediment and erosion control.	11/5/14	A HDOT-Harbors engineer is currently assigned to this position.		N/A	Inspector will continue to perform duties relating to temporary erosion and sediment control measures.
CD.17.b.iii. Permanent Erosion and Sediment Control Inspector	HAR-EE / Personnel Office	By 12/31/15, establish a permanent erosion and sediment control position and utilize consultants.	11/5/14	A permanent position for Erosion and Sediment Control Inspector was filled in 2017.		N/A	None.

Table 8. Construction Site Stormwater Runoff Control









MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.17.b.iv. SWMP C – CSRCP Construction Plan Reviews	HAR-EE / Engineering Project Managers	Review 100% of construction projects for environmental requirements per the CSRCP.	1/1/20	A total of five tenant projects and 36 HDOT-Harbors projects were reviewed in 2020 (Attachments 12a and 12b), which represents 100% of projects requiring environmental review.		N/A	Review construction plans.
SWMP C – CSRCP Review Checklist	HAR-EE	Ensure that 100% of projects are reviewed using the Construction Site Design Review Checklist.	1/1/20	100% of the NOI-C regulated projects reviewed are required to use the Construction Site Design Review Checklist.		N/A	Continue to review form where applicable.
SWMP C – CSRCP Less Than One Acre Forms	HAR-EE	Ensure that 100% of non-exempt projects that are less than one acre have submitted the form.	1/1/20	<ul style="list-style-type: none"> Six HDOT-Harbors projects were considered non-exempt projects and two were regulated by NPDES NOI-C Permit (Attachment 12a). All reviewed tenant projects were considered exempt (Attachment 12b). 16.7% of HDOT-Harbors projects were considered non-exempt projects less than one acre and therefore were required to submit the form. 		N/A	Continue to review form where applicable.
SWMP C – CSRCP Review Documents	HAR-EE	Ensure that 100% of SWPPPs, NOIs, and discharge permits have been reviewed.	1/1/20	100% of project supporting documents are reviewed as a part of the standard review process.		N/A	Continue to review where applicable.

Table 8. Construction Site Stormwater Runoff Control

MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
SWMP C – CSRPC Section 5.1	HAR-EE	Ensure 100% of contractors receive the Construction BMP Field Manual.	1/1/20	100% of contractors were provided with access to the BMP field manual on HDOT-Harbors' web page.		N/A	Maintain BMPs on web page.
CD.15.c. & d. SWMP C – CSRPC Section 5.1 Construction and Post-Construction Training	HAR-EE	Ensure that 100% of staff whose duties are related to construction or post-construction are trained by an instructor who is approved by EPA and HDOH.	1/1/20	<ul style="list-style-type: none"> A construction and post-construction training were provided to engineers, consultants, contractors, and inspectors on 11/18/2020 during the Protect Our Water Conference and via an online video on YouTube. (Attachment 4a) As a result, a total of 139 people were trained, which exceeds 100% of the required individuals (Attachment 4d). Completed surveys are included in Attachment 4b. 		N/A	Conduct annual training.
SWMP C – CSRPC Section 5 Construction Training Materials	HAR-EE	Update training materials to reflect comments received from the training survey.	1/1/20	Comments received indicated that participants would like this training to be an online on-demand training (Attachment 4c).		N/A	Conduct annual training.
SWMP C – CSRPC Section 5.2	HAR-EE	Aim for a goal of 85% positive feedback about construction training.	1/1/20	Survey results from 2020 indicated that training participants found the training material somewhat relevant and useful with an average of 86% positive feedback (Attachment 4c).		N/A	Continue to provide surveys to trainees.

4.6 POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

HAR § 11-55, Appendix K requires the small MS4 permittee to develop, implement, and enforce a program to reduce pollutants in stormwater runoff entering the permittee's small MS4 system from new development and redevelopment projects that disturb up to one acre. Included are, construction sites less than one acre that are part of a large common plan of development, or sale that would disturb one acre or more. The program includes the following:

- A. Establish rules, ordinances, or other regulatory mechanisms, including enforcement procedures and actions, that address post-construction runoff from new development and redevelopment projects.
- B. Structural and/or non-structural BMPs to minimize water quality impacts and attempt to maintain predevelopment runoff conditions; and
- C. Procedures for long-term O&M of BMPs.

Table 9 provides information about HDOT-Harbors post-construction stormwater management activities in new development and redevelopment projects, including MCMs, BMPs, goals, milestones, and planned activities.


Table 9. Post-Construction Stormwater Management in New Development and Redevelopment							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.18.a.i.,- iii. SWMP 2.5.1. Retrofit Project Inventory	HAR-EE	By 5/4/15, create an inventory of construction projects from 5/19/03 and rank them according to retrofit potential.	11/5/14	An inventory of projects was completed and evaluated for retrofit potential in 2015.		N/A	None

Table 9. Post-Construction Stormwater Management in New Development and Redevelopment


MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.18.a.iii. Retrofit Feasibility Scope	HAR-EE	By 8/2/15, draft a scope of the retrofit feasibility study and submit it to EPA and DOH for approval.	11/5/14	<ul style="list-style-type: none"> The Retrofit Feasibility Study Scope was submitted to EPA in early August 2015. The EPA responded via letter dated December 3, 2015, that they required additional details. The EPA approved the revised study outline on March 14, 2015. The EPA approved the revised study approach on April 19, 2016. The EPA approved the revised study scope in August 2016. On April 11, 2017 the Post Construction BMP Retrofit Feasibility Study was submitted to EPA. 		N/A	None

Table 9. Post-Construction Stormwater Management in New Development and Redevelopment


MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.18.a.iii. SWMP E Final Retrofit Study	HAR-EE	240 days after EPA and DOH's approval, complete the final retrofit study.	4/31/17	<ul style="list-style-type: none"> The Post-Construction BMP Retrofit Feasibility Study was performed by a HDOT-Harbors environmental engineering consultant (Weston Solutions, Inc.) and submitted to the EPA in 2017. Three proposed permanent BMP (PBMP) retrofit project sites were included in the submittal. The EPA and the HDOH approved the Feasibility Study on June 19, 2017. 		N/A	None
CD.18.a.iv. SWMP 2.5.2. Retrofit Construction	HAR-E	Four years after approval of the Retrofit Feasibility Study, the construction will commence for the three highest ranked projects.	6/19/17	<ul style="list-style-type: none"> Potential pollutants of concern were identified and effective permanent BMPs for the three approved project sites at Piers 31, 51 and 52 have been recommended. The projects are in the final design phase and will be out-to-bid soon to start construction in May 2021. 		N/A	Final design phase and construction is anticipated to begin for the three approved PBMP retrofit projects in 2021.

Table 9. Post-Construction Stormwater Management in New Development and Redevelopment





MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.18.b.i. Permanent BMP Plan Review	HAR-EE	Review 100% of applicable construction projects using the Post-Construction BMP Plan Checklist.	1/1/20	The Post-Construction BMP Plan Checklist was used to evaluate 100% of the regulated projects (Attachments 12a and 12b).		N/A	Continue to use the Post-Construction BMP Plan Checklist for plan review on applicable projects.
CD.18.c. BMP Standards	HAR-EE	Adopt technical standards that govern permanent BMPs.	11/5/14	HDOT-Harbors adopted the CCH BMP in 2015 SWMP. The 2017 version of the CCH BMP guide will be adopted in future SWMP revisions.		Completed	None
CD.18.f.i. Harbors Project O&M Documents	HAR-E Construction Section / HAR-EE	Ensure 100% of HDOT-Harbors projects with permanent BMPs have an O&M plan, monitoring plan where applicable, and ongoing maintenance.	1/1/20	100% of HDOT-Harbors projects with permanent post-construction BMPs have an O&M plan, where applicable, and ongoing maintenance.		N/A	Continue to review plans for permanent BMPs.
CD.18.f.i. Tenant Project PBMP Maintenance	HAR-PM / HAR-EE	Ensure 100% of tenant projects with permanent BMPs have updated leases requiring an O&M plan.	1/1/20	<ul style="list-style-type: none"> All projects with permanent BMPs have an O&M Plan. 100% of tenant projects with PBMPs have O&M plans or have adopted one from the manufacturer(s). 		N/A	Update leases (when applicable) for tenants with permanent BMPs in include requirements for an O&M plan.

Table 9. Post-Construction Stormwater Management in New Development and Redevelopment





MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.18.f.ii. PBMP Inspections by Tenants	HAR-EE / HAR-PM/ Tenants	Ensure 100% of required annual PBMP inspections are conducted by tenants and reported to HDOT-Harbors.	1/1/20	<ul style="list-style-type: none"> 100% of required PBMP inspections are conducted by tenants and reported to HDOT-Harbors. UHMC performs maintenance on the PBMPs at Pier 35 as part of their lease agreement. 		N/A	Continue to ensure that tenants required to maintain PBMPs submit annual reports to HDOT-Harbors.
CD.18.d.& g. PBMP Inspections by HDOT-Harbors	HAR-EE / Construction Managers	<ul style="list-style-type: none"> Conduct permanent BMP inspections prior to, during, and upon completion of permanent BMP installation. Once installed, conduct annual inspections and administer enforcement actions where necessary. 	1/1/20	<ul style="list-style-type: none"> Two rounds of permanent BMP inspections in conjunction with semiannual storm drain inlet screening inspections were conducted in 2020 No enforcement actions were necessary (Attachments 14). 		N/A	Continue inspections where necessary.
CD 18.g.ii. Enforcement Records	HAR-EE	Ensure that 100% of enforcement actions are recorded in the project database.	1/1/20	There were no enforcement actions relating to permanent BMPs in 2020.		N/A	Record enforcement as necessary.

Table 9. Post-Construction Stormwater Management in New Development and Redevelopment							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 18 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for 2021
CD.18.e. Permanent BMP Database	HAR-EE	Ensure 100% of post-construction BMP inspections are included in a database compatible with GIS.	1/1/20	100% of PBMP inspections were recorded in <i>Cityworks</i> (Attachments 14 and 15).		N/A	Update the inventory as necessary.

4.7 POLLUTION PREVENTION AND GOOD HOUSEKEEPING

HAR § 11-55, Appendix K requires the small MS4 permittee to develop a pollution prevention and good housekeeping (P2/GH) program that will implement and enforce an O&M program to prevent and reduce stormwater pollution from activities, including, but not limited to, park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance that, at a minimum, includes the following:

- A. Good housekeeping and other control measures; and
- B. Employee and contractor training on good housekeeping practices to ensure that good housekeeping measures and BMP practices are properly implemented.

Table 10 provides information about the P2/GH program, including MCMs, BMPs, goals, milestones, and planned activities.


Table 10. Pollution Prevention and Good Housekeeping							
MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 17 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for Permit Year 18 (2020)
CD.20. Storm Sewer System Operation and Maintenance	HAR-O & HAR-E	By 12/5/14, submit a Storm Sewer System Operation and Maintenance Program (SSS O&M) to DOH and EPA.	11/5/14	<ul style="list-style-type: none">Completed.HDOT-Harbors submitted a revised SSS O&MP plan that was accepted by HDOH in 2017.		N/A	None

Table 10. Pollution Prevention and Good Housekeeping



MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 17 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for Permit Year 18 (2020)
CD.20.a. Storm Sewer System Mapping	HAR-EE / HAR-EP	Within 180 days of U.S. Army Corps of Engineers (USACE) development of a GIS layer create a map that identifies all storm drainage features.	1/1/15	<ul style="list-style-type: none"> Complete. In 2015, the USACE continued to add and refine SSS map features. Additionally, HDOT-Harbors environmental engineering consultant (Weston Solutions, Inc.) conducted field work (kayak surveys, closed circuit TV surveys and diving surveys) in November and December 2015 to fill in and correct 'data gaps' that remained in the original USACE version. 		Update storm drain maps as necessary.	Update SSS map as needed with new project information and other findings from field personnel and other sources.
CD.20.b. AMS	HAR-EE / HAR-EP	Within 180 days of USACE map completion, implement an AMS.	11/5/14	<ul style="list-style-type: none"> In 2015, HDOT-Harbors contracted with an AMS consultant team to install, configure, demonstrate, test and deploy a cloud-based, GIS-centric <i>Cityworks</i> AMS for the Honolulu and Kalaeloa Barbers Point HDOT-Harbors stormwater system assets. There were about 70 active <i>Cityworks</i> users from HDOT-Harbors personnel with essential roles in stormwater O&M and management since 2016. 		N/A	Update Cityworks AMS software when prompted by vendor (Azteca Cityworks).

Table 10. Pollution Prevention and Good Housekeeping






MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 17 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for Permit Year 18 (2020)
CD.20.c. Storm Drain Inspections	HAR-O	Complete storm drain inspections as described in the SSS O&M plan and record 100% in database.	1/1/20	<ul style="list-style-type: none"> All accessible storm drain inlets and trench drains were inspected and cleaned in 2020 (Attachment 15a & 15b). Inspection findings and cleaning results were recorded in the HDOT-Harbors AMS. 		N/A	Continue screening and recording inspections of all storm drains.
CD.20.d. Storm Drain Cleaning	HAR-O	<ul style="list-style-type: none"> By 8/2/15, clean all inlets, pipes, and outfalls. Then ensure structures are cleaned at least every five years and more frequently for "hot spots." Ensure 100% of hot spots include best management practice (BMPs) plans. 	1/1/20	<ul style="list-style-type: none"> Accessible drainage features were cleaned in 2020 when needed. The five-year drain inspections and cleaning occurred simultaneously with the semi-annual and hot spot cleanings. Approximately 9.65 tons of debris were removed from the cleaning activities. 		N/A	Schedule and clean storm drains found to contain debris during screening and comprehensive inspections. Schedule cleaning in accordance with the SSS O&M Manual provisions.

Table 10. Pollution Prevention and Good Housekeeping

MCM/BMP Description	Responsible Dept. / Section	BMP Applied/ Measurable Goal(s)	BMP Start Date	Permit Year 17 Milestones/Progress on Goal(s)	Completed in 2020?	New or Revised Goal	Planned Activities for Permit Year 18 (2020)
CD.20.d.ii. Rail Track Cleaning	Kalaeloa Barbers Point Harbor Tenants / HAR-OCB	Ensure that tenants develop and implement a cleaning schedule for the rail tracks.	1/1/20	The Kalaeloa Barbers Point Harbor District personnel ensure that the tenants have regularly completed rail track cleaning after each offloading operation to minimize coal dust and other aggregate materials from accumulating inside		N/A	Ensure that tenants continue to clean rails.
SWMP BMP 7-2. Wash Racks	HAR-EE	Review 100% of applications for wash rack use.	1/1/20	No wash application was received for review & approval in 2020.		N/A	Continue to review applications as received.
SWMP BMP 7-2. Dry Wells	HAR-EE	Review 100% of applications for dry wells and/or infiltration sinks.	1/1/20	No applications were received for reviewed in 2020		N/A	Continue to review applications as received.

5 PROGRAM OUTPUTS AND ACCOMPLISHMENTS

5.1 MS4 PROGRAM EXPENSES

Program expenditures include the costs of several consultant contracts as well as an estimate of time spent by HDOT-Harbors employees, HDOT Office of Environmental Compliance (HDOT ENV) and State of Hawai‘i, Department of the Attorney General (AG) support to ensure compliance with the conditions of the CD and the NPDES permit. Total expenditures in 2020 were less than the previous year. The largest expenditure in 2020 is Pollution Prevention and Good Housekeeping which was significantly higher than previous years; this expense category includes inspection and cleaning of all MS4s in 2020 and completion of the five-year cleaning. Expenditures for the General Permit Compliance was lower than previous years; this program includes all other program expenses not included in the permit element categories such as vendor fees related to the *Cityworks* AMS, legal support from the AG’s office, technical support from HDOT ENV and HAR-E, and consultant efforts not otherwise accounted for. Expenses in all programs were lower than previous years. Overall, funds expended in 2020 met current needs. Table 11 provides a summary of the MS4 program expenses.

Table 11. MS4 Program Expenses	
Item	Response
Office of Environmental Compliance created/staffed	Yes
Annual program budget/expenditures* ('Best efforts' estimates of 2020 expenditures)	
• Public Education and Outreach & Public Participation and Involvement program expenditures	\$87,988
• Illicit Discharge Detection and Elimination Program expenditures	\$192,400
• Construction Site Runoff Control expenditures	\$204,220
• Post-Construction Stormwater Management in New Development and Re-development programs expenditures**	\$56,700
• P2/GH BMP program expenditures	\$576,210
• General Permit Compliance expenditures	\$334,891
• Program Total Expenditures	\$1,452,409
Funding mechanisms(s) - (Routine Maintenance Fund, Special Maintenance, Major Maintenance, Service Project, Equipment Acquisition, Capital Improvement Project)	Routine and Special Maintenance Funds, CIP
Notes:	
Data is from the 2020 calendar year.	
*Expenditures from HDOT-Harbors employees have been approximately based on the estimated percentage of time that they worked on stormwater related tasks.	
**Permanent Post-Construction BMP plan checklist reviews and associated inspections are accounted for under the Construction Site Runoff Control category since they are completed in conjunction with construction related tasks.	

Figure 5 shows \$576,210 (40%) of the total expenditures for 2020 were for P2/GH BMP program expenditures. The general permit compliance expenditure was the second-highest expense at \$334,891 (23%). The Construction program was third most expensive at \$204,220 (14%). The Illicit Discharge Detection Elimination program cost \$192,400 (13%) of the total budget, the Public Education/Involvement program cost \$87,988 (6%), and the Post-Construction program cost \$56,700 (4%).

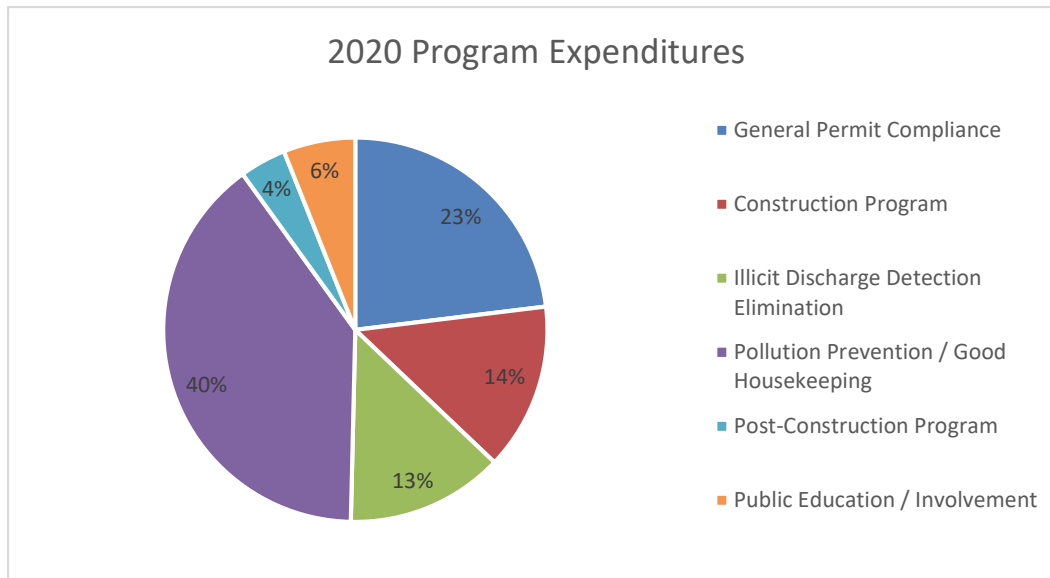


Figure 5. 2020 Program Expenditures

Figure 6 shows the program expenditures over the last seven years.

- The General Permit Compliance expenditures decreased in 2020. It was \$528,196 in 2019, and decreased to \$334,891 in 2020, a difference of \$193,305.
- The Construction program cost \$204,220 in 2020, compared to \$371,835 in 2019.
- The IDDE program expenditures decreased slightly in 2020 to \$192,400 compared to \$235,711 in 2019.
- The Public Education and Involvement program decreased in 2020. It was \$119,790 in 2019 and decreased to \$87,988 in 2020.
- The P2/GH program significantly increased in 2020 to \$576,210 compared to \$192,869 in 2019.
- The Post-Construction program spending decreased in 2020 to \$56,700 compared to \$78,000 in 2019.

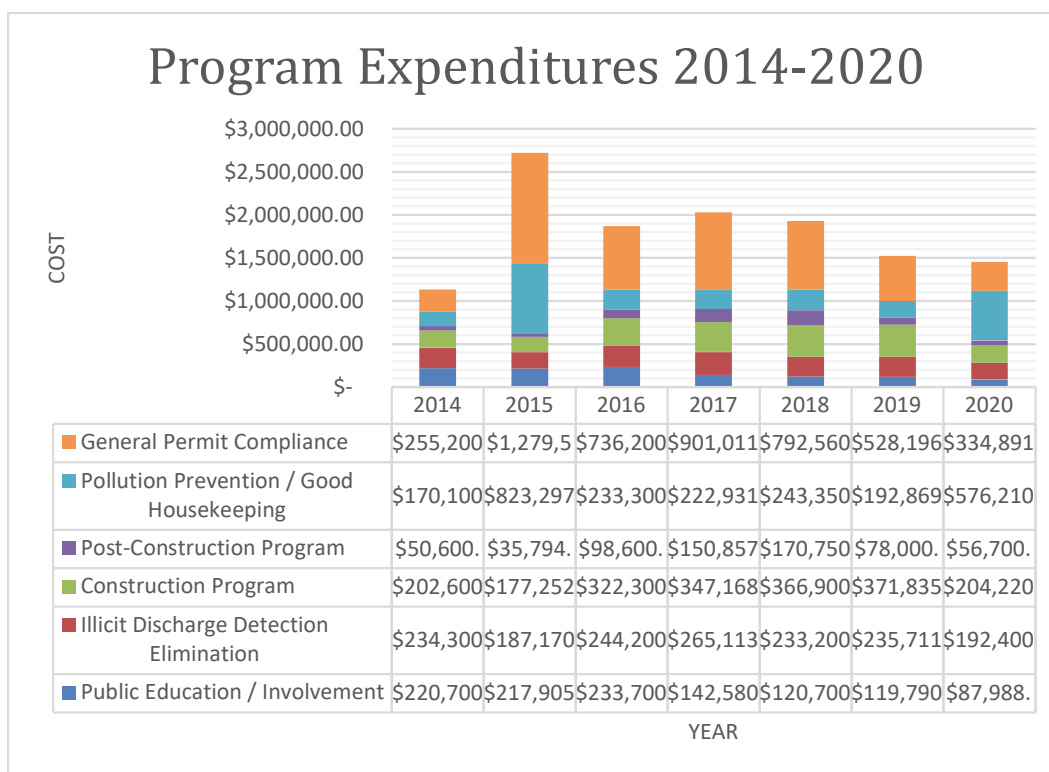


Figure 6. Program Expenditures from 2014 - 2020

5.2 EDUCATION, INVOLVEMENT, AND TRAINING

The training and education of HDOT-Harbors personnel, tenants, and the public were top priorities in 2020. Reiteration of the environmental requirements, HDOT-Harbors stormwater procedures, and best management practices has shown to be the best way to facilitate a culture of stormwater pollution awareness and compliance. The large number of people trained, and their high quiz scores attest to the effectiveness of the training program.

Additionally, HDOT-Harbors participated in the joint HDOT “Protect Our Water Conference” on November 18, 2020 along with HDOT Highways Oahu, Highways Maui, and HDOT Airports Division. The conference highlighted the joint effort that the HDOT divisions are taking to collectively protect the water resources of State of Hawai‘i.

Table 12. Education, Involvement, and Training	
Description	Response
Estimated number of people reached by education program(s)*	474
• Tenant General Stormwater BMP Training	105
• Employee Stormwater Training	203
• Construction & Post-Construction Training	139
• IDDE	26
• New Inspectors	1
Average score on the environmental knowledge survey(s):	
• Tenant Stormwater Training	91%

Table 12. Education, Involvement, and Training	
Description	Response
• Employee Survey (average % correct responses)	96.3 %
Tenants who had positive view of the training	90.9 %
Unique visitors to the stormwater web page	1,187
Adopt-A-Harbor volunteers	0
Public Education Signs	83
Storm Drain Inlets Stenciled	> 768
“Protect Our Water Conference” Attendees	530
Notes:	
Data is from the 2020 calendar year.	
*Some individuals may have been trained at two or more of the training sessions; however, they were counted separately.	

Figure 7 provides data on the total number of employees, tenants, and engineering staff/consultants/contractors that received training for the last seven years.

- In 2020, 203 employees, 105 tenants, and 139 engineering staff consultants/contractors were trained.
- In 2019, 201 employees, 102 tenants, and 75 engineering staff/consultants/contractors were trained.
- In 2018, 194 employees, 89 tenants, and 26 engineering staff/consultants/contractors were trained.
- In 2017, 189 employees, 123 tenants, and 20 engineering staff/consultants/contractors were trained.
- In 2016, 211 employees, 109 tenants, and 23 engineering staff/consultants/contractors were trained.
- In 2015, 237 employees, 99 tenants, and 28 engineering staff/consultants/contractors were trained.
- In 2014, 318 employees, 101 tenants, and 59 engineering staff/consultants/contractors were trained.

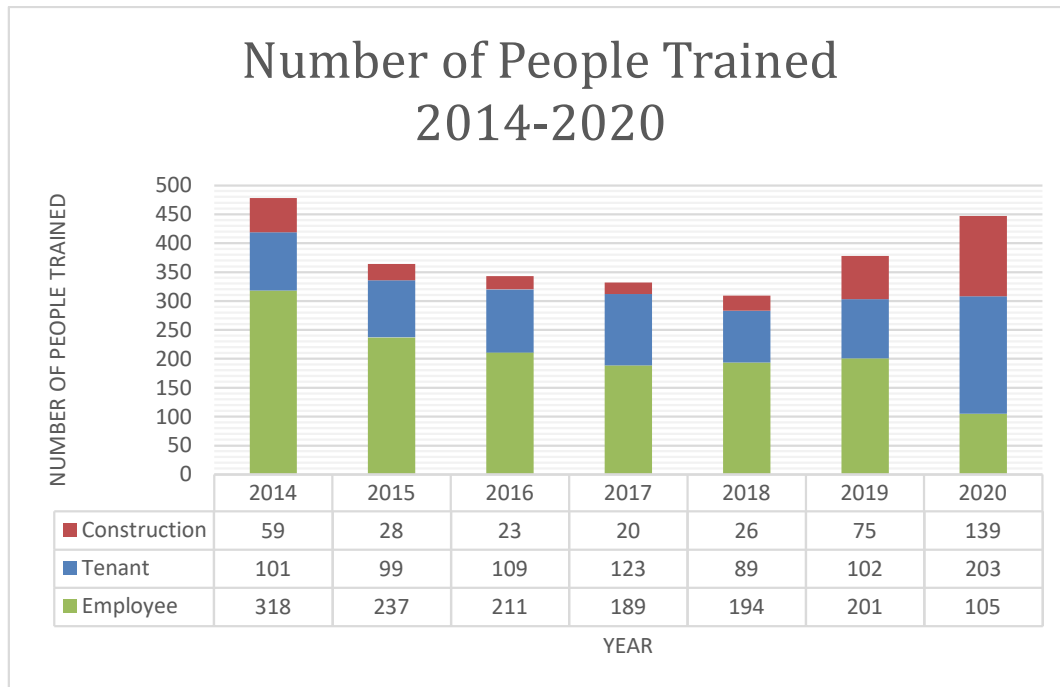


Figure 7. Number of People Trained from 2014 - 2020

5.3 LEGAL/REGULATORY

The current IDDE program was in place prior to the 2015 SWMP revision. However, construction and post-construction related activities, as well as post-development stormwater management activities were implemented with the 2015 SWMP. Table 13 shows all accompanying regulations were also in place prior to 2015 SWMP.

Table 13. Legal and Regulatory					
Description	In Place Prior 2015 SWMP	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
Regulatory Mechanism Status (indicate with check)					
Illicit Discharge Detection & Elimination	✓				
Construction and Post-Construction Related Activities					✓
Post-Development Stormwater Management					✓
Accompanying Regulation Status (indicate with check)					
Illicit Discharge Detection & Elimination	✓				
Construction and Post-Construction Related Activities	✓				
Post-Development Stormwater Management	✓				

5.4 MAPPING AND ILLICIT DISCHARGES

The number of potential illicit discharges identified and investigated in 2020 decreased from previous years. No incidents led to the implementation of enforcement procedures via written letters. All investigations ended with the resolution of the illicit discharge issues.

The majority of the illicit discharge reports in 2020 came from HDOT-Harbors staff and tenants. This indicates that the training provided is effective and people understand the proper protocols to initiate when potential pollution or a suspected illicit discharge is observed.

Table 14. Mapping and Illicit Discharges	
Description	Response
System-wide mapping complete (complete storm sewer infrastructure)	100 %
Mapping method(s)	
Paper	100 %
GIS	100 %
Outfalls required to be inspected/screened:	
Honolulu Harbor	0
Kalaehoa Barbers Point Harbor	0
Illicit discharges investigated in 2020	26
SIDR / Public Reports	22
Tenant Inspections	4
Other Tenant Related Investigations	0
Construction Inspections	0
Outfall Reconnaissance	0
Illicit discharges investigated since 2010	300
% of population on sewer	100 %
% of population on septic systems	0 %
Complaints/concerns received from public	0
Note: Data is from the 2020 calendar year.	

Figure 8 shows the data recorded for illicit discharge investigations over the past seven years.

- In 2020, there were 22 investigations performed in follow-up to 22 SIDRs. There were four from tenant inspections and none from construction inspections or ORI reports.
- In 2019, there were 31 investigations performed in follow-up to 31 SIDRs. There was one from tenant inspections, none from construction inspections, and none from ORI reports.
- In 2018, there were 51 investigations performed in follow-up to 51 SIDRs. There was one from tenant inspections, none from construction inspections, and none from ORI reports.
- In 2017, there were 51 investigations performed for the SIDR. There were only two from tenant inspections, none from construction inspections, and none from ORI reports.
- In 2016, there were 26 SIDR forms filed, one tenant inspection, no construction inspections, and two ORI reports filed.
- In 2015, there were 27 SIDR forms filed, none tenant inspection, no construction inspections, and one ORI report filed.
- In 2014, there were 12 SIDR forms filed, five tenant inspections, no construction

inspections, and 5 ORI reports filed.

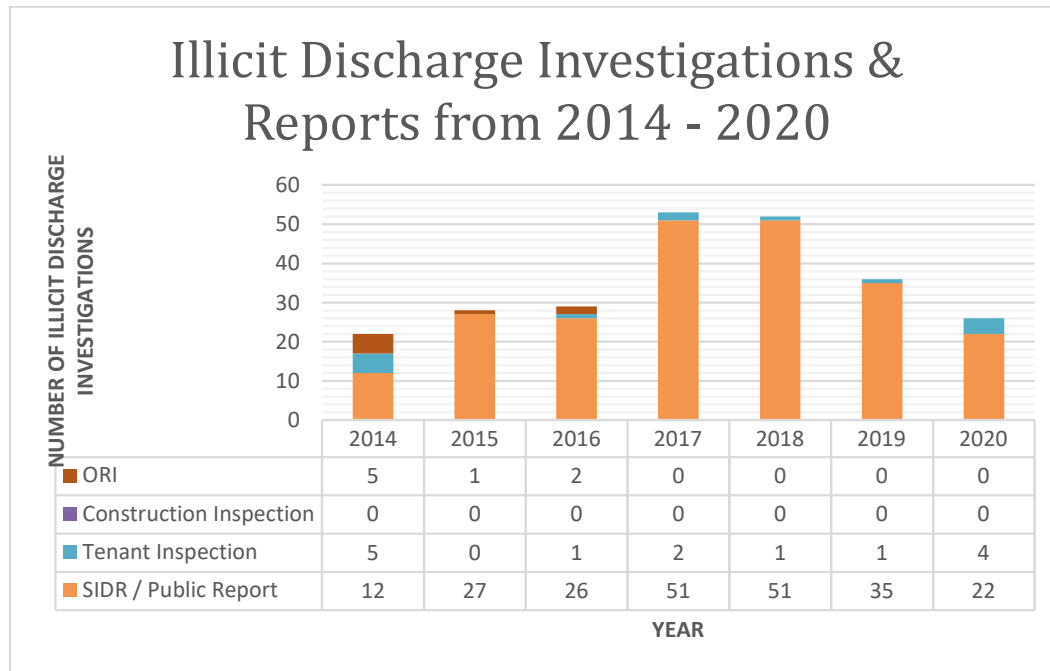


Figure 8. Illicit Discharge Investigations from 2014 - 2020

5.5 HDOT-HARBORS TENANTS

The risk ranking for tenants in 2020 was consistent with rankings performed in 2019, with 66% tenant sites classified as low risk. This is consistent with the fact that the majority of tenants at Honolulu Harbor and Kalaeloa Barbers Point Harbor conduct small scale operations.

The risk rank of four tenant sites changed in 2020 following site inspections. One site changed from low to medium, one site changed from medium to high, one site changed from high to medium, and one site changed from medium to low. There were no tenant-related enforcement actions in 2020.

HDOT-Harbors highlighted management of non-stormwater discharges in the annual tenant and IDDE trainings to protect harbor waters. HDOT-Harbors is planning to continue to highlight management of non-stormwater discharges in 2021 training events.

Table 15. HDOT-Harbors Tenants	
Description	Response
Total Unique Tenants	57
Total Tenant Sites	61
• Low Risk Rank	40
• Medium Risk Rank	17
• High Risk Rank	4
Number of Tenant Inspections	80
• New	1

Table 15. HDOT-Harbors Tenants	
Description	Response
• Regular	27
• Final	10
• Site Reconnaissance	41
• Follow-up	1
Number of Enforcement Actions	0
Note: Data is from the 2020 calendar year.	

Figure 9 represents the distribution of tenant risk ranking. 66% of the tenant sites are low risk, 28% are considered medium risk, and only 6% are considered a high risk.

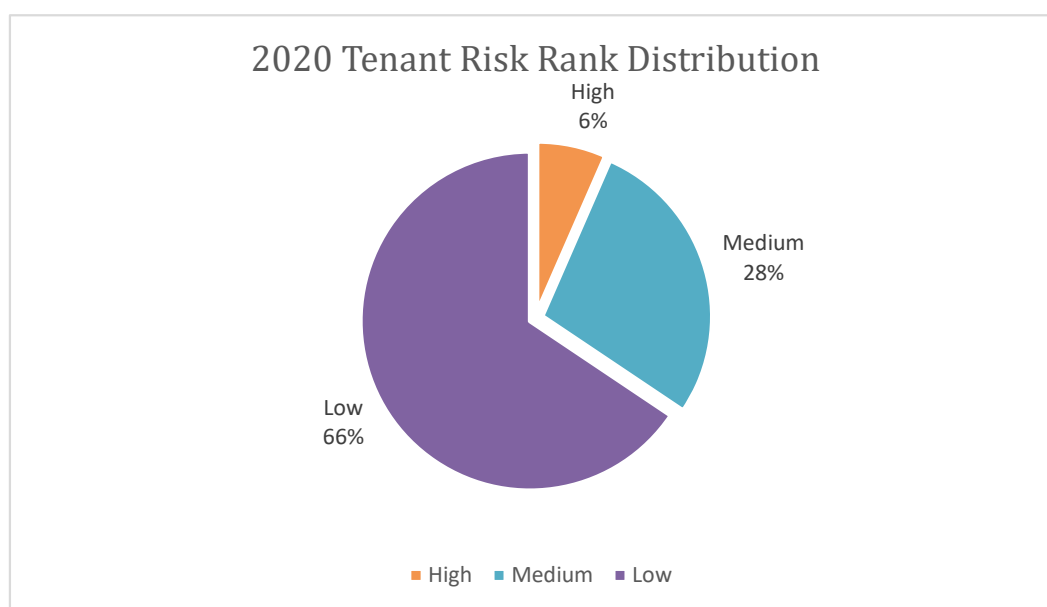


Figure 9. 2020 Tenant Risk Ranking Distribution

5.6 CONSTRUCTION

The number of construction inspections in 2020 increased from 2019. Minor findings were reported and corrected during and following inspections, leaving zero enforcement actions taken. This indicates that construction-related stormwater training is effective and shows evidence of growing stormwater pollution awareness, as well as the contractor's willingness to learn about the best methods to prevent pollution, and their commitment to protecting the environment.

Table 16. Construction	
Description	Response
Total number of project reviews	41
• HDOT	36
• Tenant	5
Total number of project reviews requiring NGPC	2
Number of inspected construction sites on HDOT-Harbors land	7

Table 16. Construction	
Description	Response
• HDOT	5
• Tenant	2
• Others (e.g., CCH)	0
Estimated percentage of construction starts adequately regulated for erosion and sediment control	100%
Site inspections completed	55
Enforcement actions	0
• Written warning	0
• Notice of Apparent Violation (NAV)	0
• Issuance of stop work order and summons/citations	0
• Referral to HDOH	0
• Fines collected	0
Note: Data is from the 2020 calendar year.	

Figure 10 illustrates the number of construction inspections and enforcement actions taken over the last seven years.

- In 2020, there were 55 construction inspections and no enforcement actions.
- In 2019, there were 47 construction inspections and no enforcement actions.
- In 2018, there were 45 construction inspections and no enforcement actions.
- In 2017, there were 31 construction inspections and two enforcement actions.
- In 2016, there were 36 construction inspections and no enforcement actions.
- In 2015, there were 56 construction inspections and six enforcement actions.
- In 2014, there were 47 construction inspections and 36 enforcement actions.

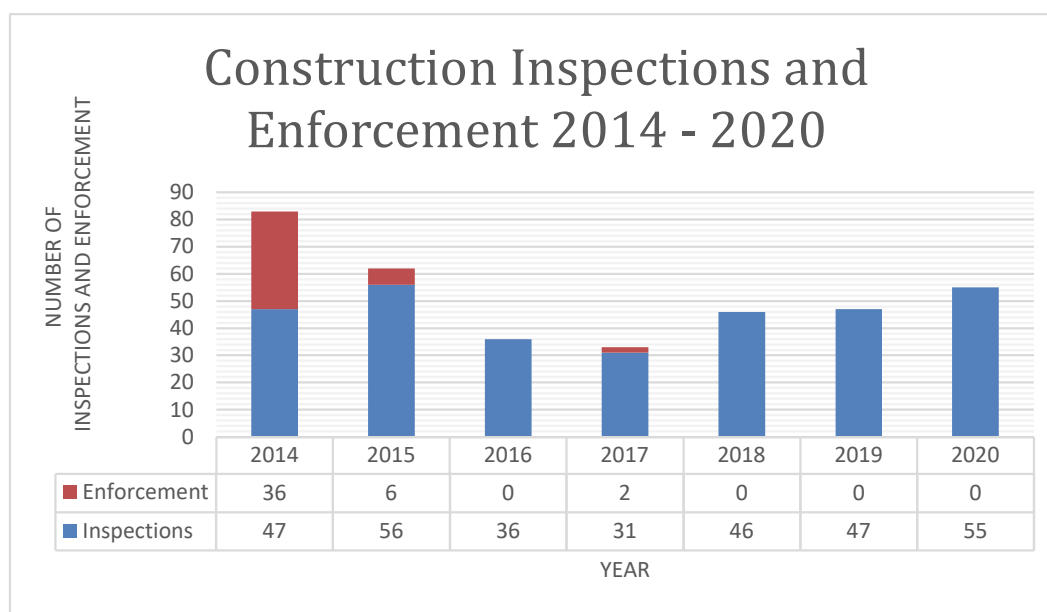


Figure 10. Construction Inspections and Enforcement from 2014 – 2020

5.7 POST-CONSTRUCTION STORMWATER MANAGEMENT

Table 17 shows all new development or redevelopment projects had adequate regulations for post-construction stormwater control; thus, there were no new permanent BMPs installed. Two rounds of site inspections in conjunction with semiannual storm drain system screening inspections was completed to review proper PBMP operations. PBMP maintenance is required through lease agreements, due diligence, property covenants, right of way/easements, etc. for HDOT-Harbors tenants.

Table 17. Post-Construction Stormwater Management	
Description	Response
Estimated percentage of new development/redevelopment projects adequately regulated for post-construction stormwater control	100 %
Number of new permanent BMPs	0
Site inspections (for proper BMP operation) completed	2
BMP maintenance required through lease agreements, due diligence and property covenants, right of way/easements, etc.	1
Note: Data is from the 2020 calendar year.	

5.8 OPERATIONS AND MAINTENANCE

Debris removal reached a total of 1,124 tons in 2020, a slight increase to the amount removed in 2019. The storm drain cleaning generated 9.65 tons of waste in 2020 which significantly increased from the previous year. Green waste removed was also significantly higher than 2019. HDOT-Harbors employees and tenants demonstrated their commitment to pollution prevention through the implementation and maintenance of proper BMPs.

Table 18. Operations and Maintenance	
Description	Response
Average frequency of catch basin cleaning	2 times/year
Number of storm drain cleanings	270
Quantity of screenings/debris removed from storm sewer infrastructure	9.65 tons
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.)	PVT Landfill
• Vacuum truck(s) owned/leased by HDOT-Harbors	1
• Vacuum trucks specified in contracts	No
• % Structures cleaned with vacuum	100%
• % Structures cleaned with manual labor	0%
• Rotary brush street sweepers owned/leased	4
• Vacuum street sweepers specified in contracts	No
Average frequency of street sweeping	2 times/week
Quantity of sand/debris collected by sweeping	268.14 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	Landfill
• Green Waste	40.03 tons
• Refuse	755.95 tons
• Scrap Metals	51.39 tons
• Human Waste	8.28 tons
• Used Batteries	5
• Electronic Waste	4 tons

Note: Data is from the 2020 calendar year.

Figure 11 shows the level of debris and waste removed due to small MS4 maintenance actions over the last seven years.

- In 2020, HDOT-Harbors removed 40.03 tons of green waste, 755.95 tons of refuse, 268.14 tons of sweeper waste, 51.39 tons of scrap metal, and 9.65 tons of storm drain waste.
- In 2019, HDOT-Harbors removed 6.01 tons of green waste, 853.22 tons of refuse, 233.95 tons of sweeper waste, 29.41 tons of scrap metal, 4.55 tons of recycled metal, and 6.31 tons of storm drain waste.
- In 2018, HDOT-Harbors removed 17.58 tons of green waste, 801.98 tons of refuse, 259.53 tons of sweeper waste, 26.48 tons of scrap metal, 3.77 tons of recycled metal, and 1.13 tons of storm drain waste.
- In 2017, HDOT-Harbors removed 36.74 tons of green waste, 748.30 tons of refuse, 23 tons of sweeper waste, 15.80 tons of recycled material, 15 tons of recycled metal, and 4 tons of storm drain waste.
- In 2016, HDOT-Harbors removed 50.66 tons of green waste, 845.33 tons of refuse, 23.11 tons of sweeper waste, 49.66 tons of recycled metal, and 12 tons of storm drain waste.
- In 2015, HDOT-Harbors removed 33 tons of green waste, 802 tons of refuse, 121 tons of sweeper waste, 103 tons of recycled metal, and 121 tons of storm drain waste.
- In 2014, HDOT-Harbors removed 36.09 tons of green waste, 1,293.12 tons of refuse, 134.81 tons of sweeper waste, 0 tons of recycled metal, and 20.45 tons of storm drain waste.

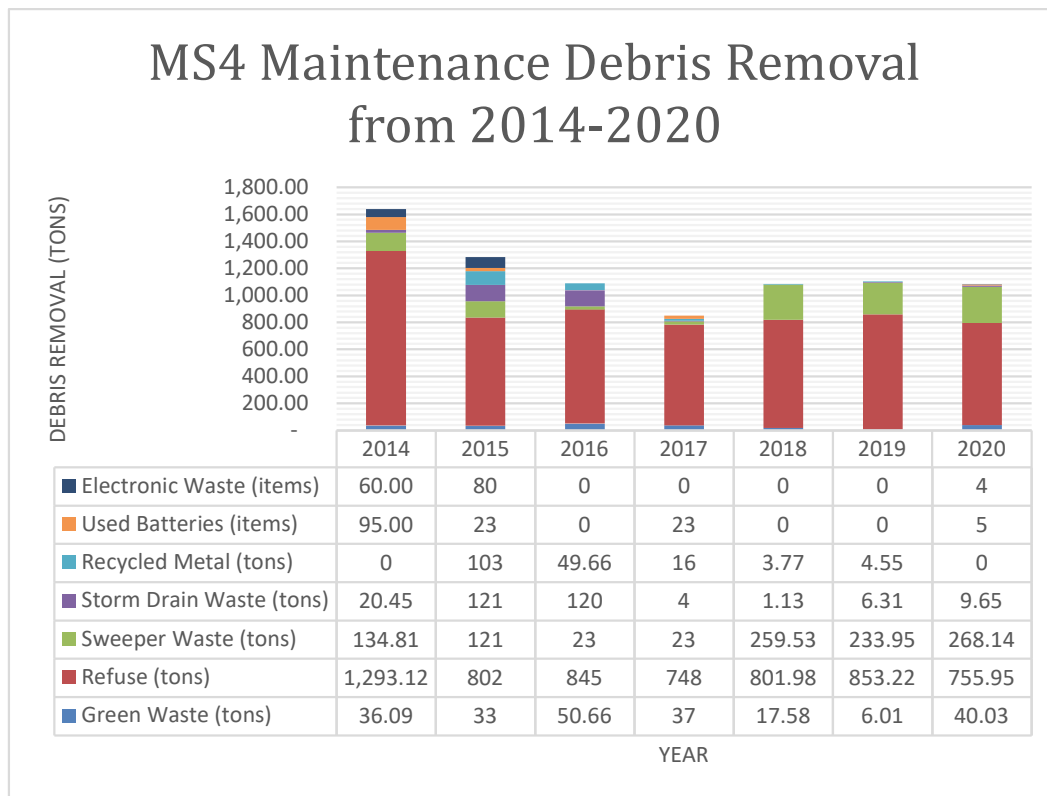


Figure 11. MS4 Maintenance and Debris Removal from 2014- 2020

6 CONCLUSION

HDOT-Harbors continues to strive towards compliance with all requirements of the CWA and conditions of their NPGCs and CD. The measurable goals that have been developed to gauge permit compliance and program effectiveness for each MCM has been deemed successful in 2020. Four out of the six MCMs are 100% in compliance, however, the overall program objectives have not been compromised. Some of these measurable goals appear to be outmoded and need to be further evaluated. Measurable goals for the Public Education and Outreach and IDDE program were not achieved in several areas listed below:

1. Maintain a web-based media as a means to disseminate stormwater awareness information and increase followers annually.
2. Set up and solicit one cleanup or storm drain stenciling volunteer activity and increase the number of participants from pervious events if participation is less than 50.
3. Increase the number of informational inquires and reports from the previous year.
4. Conduct annual wet weather outfall reconnaissance.

HDOT-Harbors initiated an update of their 2015 SWMP to modify these outmoded BMP Measurable Goals into more appropriate goals, however revisions have been put on hold until the official publication of the renewed HAR § 11-55, Appendix K permit. HDOT-Harbors will continue to promote the use of websites to convey stormwater awareness information; maintain stenciling and storm drain cleaning under Pollution Prevention and Good Housekeeping Program while supporting tenant's effort to conduct cleanup activities along the pier side; and maintain the SIDR to track informational inquiries, reports, and follow-up activities.

In 2020, HDOT-Harbors successfully met all compliance requirements and the timeline listed in the 2014 Consent Decree.

7 ATTACHMENTS

The information collected and analyzed for this report is contained in the following attachments at the end of this document and supplied on the CD. For convenience, attachments are organized by program.

Public Education, Outreach, and Involvement

Attachment 1. Newspaper Advertisement Describing HDOT-Harbors Pollution Prevention Efforts

Attachment 2. Outreach Handouts

- a. BMP Handouts
- b. Reduce, Reuse, Recycle Brochure
- c. Construction Brochure
- d. Post-Construction Brochure
- e. New Tenant Welcome Brochure

Training

Attachment 3. Tenant Training

- a. Training Notice Letter
- b. Presentation Slides
- c. Questionnaire Results, Feedback Summary, and Completed Questionnaires and Surveys

Attachment 4. Construction and Post Construction Training

- a. Presentation Slides
- b. Questionnaires
- c. Surveys
- d. POW Conference Summary

Attachment 5. HDOT-Harbors Employee Training

- a. Outreach Educational Email
- b. Survey and Results Summary

Attachment 6. Illicit Discharge Detection Elimination Training

- a. Presentation Slides
- b. Training Questionnaires and Feedback Summary

Attachment 7. Inspector Training

- a. Tenant Inspection Manual Presentation Slides
- b. Completed Questionnaires

Illicit Discharge Detection and Elimination

Attachment 8. Tenant Inventory, Risk Rank and Inspection Summary

Attachment 9. Outfall Reconnaissance Inventory

Attachment 10. Illicit Discharge Investigations

- a. Tenant
- b. Suspected Illicit Discharge Reporting in 2020

Construction / Post-Construction

Attachment 11. Construction Project Inventory and Inspection Summary

Attachment 12. Reviewed Construction and Post-Construction Projects

- a. HDOT-Harbors Division Projects
- b. Tenant Projects

Miscellaneous Information

Attachment 13. Kalaeloa Barbers Point Harbor Stockpile Inspection Report

Attachment 14. MS4 and Permanent BMP Inspection Log

Attachment 15. Storm Drain Inspection and Cleaning

- a. Storm Drain Screening Inspection Log
- b. Storm Drain Comprehensive Inspection and Cleaning Log
- c. 5-Year Storm Drain Inlet Cleaning

Attachment 16. P2 Sign Inspections

Attachment 17. Street Sweeper Log

Attachment 18. PEAR 6 Audit Draft and Final Reports

Attachment 1

Newspaper Advertisement Describing HDOT-Harbors Pollution Prevention Efforts

AFFIDAVIT OF PUBLICATION

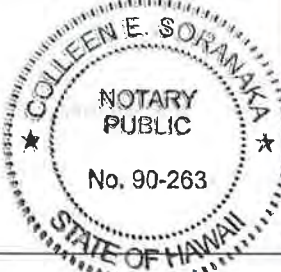
IN THE MATTER OF
Hawaii DOT Harbors Division

STATE OF HAWAII

City and County of Honolulu

SS.

Doc. Date:	NOV 06 2020	# Pages:	1
Notary Name:	COLLEEN E. SORANAKA	First Judicial Circuit	
Doc. Description:	Affidavit of Publication		
Notary Signature	NOV 06 2020	Date	



Lisa Sakakida being duly sworn, deposes and says that she is a clerk, duly authorized to execute this affidavit of Oahu Publications, Inc. publisher of The Honolulu Star-Advertiser, MidWeek, The Garden Island, West Hawaii Today, and Hawaii Tribune-Herald, that said newspapers are newspapers of general circulation in the State of Hawaii, and that the attached notice is true notice as was published in the

Honolulu Star-Advertiser 1 times on:

11/06/2020

MidWeek 0 times on:

The Garden Island 0 times on:

Hawaii Tribune-Herald 0 times on:

West Hawaii Today 0 times on:

Other Publications: 0 times on:

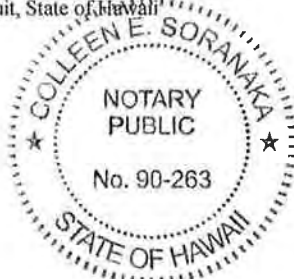
And that affiant is not a party to or in any way interested in the above entitled matter.

Lisa Sakakida
Lisa Sakakida

Subscribed to and sworn before me this 6th day of November A.D. 20 20

Colleen E. Soranaka
Colleen E. Soranaka, Notary Public of the First Judicial Circuit, State of Hawaii
My commission expires: Jan 06 2024

Ad # 0001302362



ICSP NO.: _____

HAWAII DOT HARBORS DIVISIONS

Working Together to Create a Sustainable Hawaii

Hawaii's coastal environment is one of the most unique, sensitive and beautiful in the world. Each of us has a responsibility to protect our Environment.

In 2020, despite the ongoing COVID-19 pandemic, Hawaii Department of Transportation Harbors Division is working hard to achieve stormwater runoff compliance. Provide annual stormwater awareness and Illicit Discharge Detection and Elimination trainings to tenants and Harbors employees.

- Provide annual stormwater awareness and Illicit Discharge Detection and Elimination trainings to tenants and Harbors employees.
- Construction site run off control inspections, outfall reconnaissance, tenant stormwater compliance inspection, and storm drain inspections to identify and eliminate illicit discharges;
- Regular street & container yard sweeping and storm drain cleaning to minimize potential pollutant from discharging into harbor waters.
- Continue to identify and eliminate sources of illicit discharges.

UPCOMING EVENTS!

Protect Our Water Conference: November 18, 2020

This is a joint training session for DOT Airports, Harbors, and Highways Division staff, designers, and contractors on preventing stormwater pollution from construction activities.

For more information, please visit the following website:
<https://protectourwater2020.vfairs.com/en/home>

YOU CAN HELP WITH POLLUTION PREVENTION!

- Report suspected illegal dumping or illicit discharges observed at Honolulu Harbor and Kalaheo Barbers Point Harbor to Harbor Traffic Control at (808) 587-2076 (24/7).
- Reduce, Reuse, and Recycle – Bring a small change to your daily lifestyle to reduce waste from our landfill and reduce pollution to our harbor waters.

More Inquiries: Please contact Harbors Environmental Hotline: (808) 587-1962
<http://hidot.hawaii.gov/harbors/malamakeawakai>

PROTECT OUR HARBOR WATERS
MALAMA I KE AWA KAI

Attachment 2.a

BMP Handouts

Stormwater Management BEST MANAGEMENT PRACTICES



Vehicle and Equipment Washing

Wash water from vehicle and equipment cleaning activities performed outdoors or in areas where wash water flows onto the ground can generate dry weather runoff contaminated with detergents, heavy metals, oils and greases, toxic substances, sediments, and other pollutants.

Releasing pollutants directly or indirectly into the storm drain system or the harbor by vehicle or equipment washing is a violation of the Harbor Municipal Separate Storm Sewer System (MS4) General Permit. Proper employee training, BMP implementation, and pollution prevention methods are required for compliance with the Harbor's Stormwater Management Plan (SWMP).

BMP Implementation

Primary Option: Off-site Washing

Facilities with small fleets should consider contracting with a commercial car wash. Commercial car wash facilities often recycle their water or are required to treat their wash water discharge prior to release into the sanitary sewer system. Pressure cleaning and steam cleaning should be done off-site to avoid generating runoff with high pollutant concentrations.

Secondary Option: On-Site Washing

NOTE: ON-SITE WASHING IS ALLOWED ONLY AFTER WASHING PROCEDURES ARE SUBMITTED TO THE HDOT HARBORS DIVISION FOR FORMAL APPROVAL

Vehicle and equipment washing should be conducted only in designated areas specifically designed to collect and hold generated wash and rinse water.

*"For small jobs, berm the area surrounding the vehicle and use a wet/dry vacuum to capture the wash water for discharge to the sanitary sewer. For larger jobs, use a combination of berms and a vacuum truck, such as those used to clean storm and sanitary sewer systems, to capture and safely dispose of wash water. If detergents are used, clean the pavement to prevent this material from being carried to the storm drain during the next rainstorm."*¹

The contained wash water effluent should be recycled, discharged to the sanitary sewer system (permit may be required) or collected for off-site disposal at a permitted facility. Additionally, designated wash areas should be paved and contained using berms and a sump. Use hose nozzles with automatic shut off and bio-degradable soaps where appropriate. Inspect paved surfaces within the wash area and clean periodically to remove buildup of particulate matter or other pollutants. Vehicle maintenance, chemical storage, and other activities that could release pollutants are prohibited in washing areas. Train employees on proper cleaning, maintenance, and wash water disposal procedures. Documentation of this training should include a list of attendees, the date, the topic covered, and signatures of attendees.

¹ EPA Municipal Vehicle and Equipment Washing BMP Fact Sheet

The State Department of Transportation, Harbors Division has developed the Stormwater Management Plan (SWMP) in compliance with the National Pollutant Discharge Elimination System (NPDES) and the State of Hawaii Municipal Separate Storm Sewer System (MS4) General Permit requirements.

The SWMP is administered by the Environmental Section under the Engineering Branch.

Phone: 808-587-1962

Website:
<http://www.hidot.hawaii.gov/harbors/malamaikawakai>



Stormwater Management BEST MANAGEMENT PRACTICES



Vehicle and Equipment Fueling

Transfer and storage of bulk petroleum products (i.e. gasoline, diesel fuel, and motor oil) have the potential to pollute stormwater run-off. Implementation of BMPs is required to prevent or reduce petroleum pollutants from entering the stormwater drainage system. Both administrative controls, such as employee training and inspections, and structural controls, such as an automatic shut-off device and secondary containment, are necessary for an effective pollution prevention program.

BMP Implementation

Primary Option: Off-site Fueling

Utilize off-site commercial fueling facilities whenever feasible.

Secondary Option: On-Site Fueling

Vehicle fueling should be conducted only in designated areas specifically designed to contain spills and prevent contact with stormwater.

- Avoid positioning upstream or adjacent storm drainage features.
- Utilize impervious surfaces and containment designed to prevent stormwater run-on/off.
- Ensure spill kits are available (immediately clean up and properly dispose of used absorbent materials).
- Equip dispensing nozzles with automatic shut-off controls.
- Utilize drip pans if remote or mobile fueling is required.

Secondary containment must be provided for aboveground storage tanks if the facility's aggregate shell capacity of containers 55 gallons or greater exceeds 1,320 gallons.

- Containment required to be 110% of largest tank capacity.
- Containment required to have locking drain valve.
- Record containment inspections and uncontaminated rain water discharges.
- Develop Spill Prevention, Control, and Countermeasures (SPCC) Plan required per Federal/State regulations.

Periodic inspections should be performed of petroleum handling equipment and other structural controls. Train employees (document) on proper fueling and spill response responsibilities. Report all spills in accordance with the Hawaii Department of Health's (HDOH) Spill Reporting and Emergency Response requirements and document response actions.

EPA Website for SPCC Guidance
<http://www.epa.gov/oem/content/spcc/>

HDOH Spill Reporting and Emergency Response website:
<http://hawaii.gov/health/environmental/hazard/spill.html>

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The SWMP is administered by the Environmental Section under the Engineering Branch.

Phone: 808-587-1962

Website:
<http://www.hidot.hawaii.gov/harbors/malamaikeawakai>



Stormwater Management BEST MANAGEMENT PRACTICES



Outdoor Material Storage

Responsible storage of chemicals, such as paints, solvents, and cleaners can significantly reduce polluted stormwater runoff. Containerized products (such as bottles, cans, and drums) and bulk material must be handled properly in all stages of storage, use, and disposal. In many cases, businesses can implement simple housekeeping practices in order to store materials more effectively. Proper storage practices reduce the likelihood of accidental spills or releases of hazardous materials during storm events. In addition, health and safety conditions at the facility will improve.

BMP Implementation

Outdoor material storage should be placed only in designated areas specifically designed to contain spills and prevent contact with stormwater. Store liquids in an area where containers cannot be knocked over and releases can be contained.

- Avoid positioning upstream or adjacent to storm drainage features.
- Place bagged materials on pallets and under cover.
- Utilize impervious surfaces and containment devices (e.g., dikes, curbs) to contain possible leaks and prevent stormwater run-on/off.
- Store all containers under cover to protect from rain and sun.
- Close and secure any opened containers, and utilize drip pans for dispensing from containers.
- Cover stockpiles with plastic or comparable material when not in use or at the end of each day.
- Provide physical diversion to protect stockpiles from concentrated runoff.
- As necessary, place silt fence, fiber filtration tubes, or straw wattles around stockpiles.

Appropriate spill response procedures, including notification, initial response and follow-up actions, should be developed and posted.

- Keep a spill kit appropriate for the materials in a readily accessible location, stocked, and ready for use (re-stock after each use).
- Clean up spills immediately using absorbent material or containment booms for liquid spills. Immediately sweep up and properly dispose of used absorbent materials.
- Always use dry methods to clean spills (sweeping) and never hose down the spill area.

Periodic inspections should be performed to verify that the conditions of containers, secondary containment devices, and other structural controls are acceptable. Train employees (document) on proper storage, handling and spill response responsibilities. Report all spills in accordance with the Hawaii Department of Health Spill Reporting and Emergency Response requirements (<http://hawaii.gov/health/environmental/hazard/spill.html>).

The State Department of Transportation, Harbors Division has developed the Stormwater Management Plan (SWMP) in compliance with the National Pollutant Discharge Elimination System (NPDES) and the State of Hawaii Municipal Separate Storm Sewer System (MS4) General Permit requirements.

The SWMP is administered by the Environmental Section under the Engineering Branch.

Phone: 808-587-1962

Website:
<http://www.hidot.hawaii.gov/harbors/malamaikeawakai>

Stormwater Management BEST MANAGEMENT PRACTICES



General BMPs for Businesses

The storm drainage system at our harbor facilities collects rainfall from storm events and releases it directly, without treatment, into the harbor. As rainfall travels over surfaces such as roofs, roads, and parking lots, it picks up oils, metals, fertilizers, pesticides, sediments, and other contaminants before entering the harbor. Stormwater pollution degrades our waters and reduces the quality of natural habitats for fish and wildlife.

Implementing Best Management Practices (BMPs) and good housekeeping practices will help maintain water quality in the harbors.

BMP Implementation

Cleaning

- Use non-toxic substitutes for chemicals whenever possible.
- Control litter by sweeping and picking up trash regularly.
- Dry sweep floors, processing and storage areas, access roads, parking lots, and sidewalks. Do not wash down with a hose.
- Properly contain and dispose of mop water and sweepings.

Maintenance

- Inspect vehicles and equipment for leaks regularly.
- When draining fluids, use a drip pan and/or funnel to prevent spills.

Landscaping

- Whenever possible, use environmentally safe alternatives or low-toxicity chemicals.
- Use landscaping pesticides and fertilizers in the smallest amounts necessary and never apply immediately before or during rainfall.

Spill Response

- Keep a spill kit appropriate for materials in-use readily available and stocked. Re-stock when used.
- Clean up spills immediately to minimize safety hazards and prevent spills from reaching a storm drain inlet.
- Use absorbent materials to clean small spills rather than hosing down the area. Remove the absorbents promptly and dispose of properly.

Train employees (document) on proper storage, handling and spill response requirements. Report all spills in accordance with the Hawaii Department of Health (HDOH) Spill Reporting and Emergency Response requirements and document response actions.

HDOH Spill Reporting and Emergency Response website:
<http://hawaii.gov/health/environmental/hazard/spill.html>

The State Department of Transportation, Harbors Division has developed the Stormwater Management Plan (SWMP) in compliance with the National Pollutant Discharge Elimination System (NPDES) and the State of Hawaii Municipal Separate Storm Sewer System (MS4) General Permit requirements.

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Stormwater Management BEST MANAGEMENT PRACTICES



Solid and Hazardous Waste Management

Maintenance activities can generate a variety of hazardous waste that cannot be disposed as routine trash, garbage or other solid waste. Hazardous waste and other regulated material and debris shall be disposed in the proper manner and in accordance with all applicable federal and state laws. Examples of hazardous wastes are:

- Waste oil, used or spent hydraulic fluid, and other petroleum-based fluids.
- Waste paint and paint debris (used brushes, rollers, chips, rags).
- Used or spent paint thinners and other industrial solvents.
- Rags and other cleaning materials that are contaminated with grease, oil, paint, thinners, or other industrial chemicals.
- Discarded electronic equipment (may contain lead or mercury).

Arrangements must be made with a licensed vendor to remove these items prepare the necessary documentation for disposal, and to remove them from the piers and adjacent state property. Do not discard hazardous wastes and other regulated debris in state provided dumpsters or anywhere else on state property. All tenants must provide documentation to Harbors Division demonstrating that prior arrangements have been made for the proper disposal of all generated hazardous waste.

Note: The only Hazardous Materials allowed to be used and stored on state property are those needed in the course of your business, in accordance with the terms and conditions of your lease or revocable permit and, if required, after review and approval from Harbors Division.

BMP Implementation

Primary Option:

- Schedule general maintenance activities on a more frequent basis to eliminate the need for large-scale maintenance, the use of large amounts of hazardous materials, and the generation of large amounts of hazardous waste.
- Only use recyclable items for maintenance and routine operations to reduce solid waste generation. Recycle such items as batteries, petroleum-based liquids (e.g., engine oil, gear lube, hydraulic fluid), cardboard, rags, glass and plastic containers, newspaper, and electronic devices.

Secondary Options:

- Only use environmentally friendly materials for maintenance to reduce the need for regulated disposal.
- Reduce the inventory of hazardous materials stored on site to avoid regulated disposal due to shelf-life expiration. **REMEMBER – If you do not need it, do not store it!**

The State Department of Transportation, Harbors Division has developed the Stormwater Management Plan (SWMP) in compliance with the National Pollutant Discharge Elimination System (NPDES).

The SWMP is administered by the Environmental Section under the Engineering Branch.

Phone: 808-587-1962

Website:

<http://www.hidot.hawaii.gov/harbors/malamaikeawakai>



Stormwater Management BEST MANAGEMENT PRACTICES



Material Delivery and Handling

Responsible management of material delivery and handling can significantly reduce pollution to stormwater runoff. Bulk and containerized products (such as bottles, cans, and drums) must be handled properly in all stages of delivery, use and storage. Proper delivery and handling practices reduce the likelihood of accidental spills or releases of hazardous materials during storm events. Proper practices will also improve health and safety conditions at the facility.

BMP Implementation

Material delivery and handling should take place only in designated areas situated near warehouse entrances and staging/storage areas and distant from site drainage inlets and watercourses. The best locations for deliveries are where risks of accidents are reduced and any releases can be contained.

- Maintain accurate and up-to-date records of materials delivered and stored on-site.
- Minimize on-site inventory and handling of hazardous materials.
- Stage containers on pallets, under cover, and, when possible, in secondary containment.

Employees with emergency spill cleanup training should be present during unloading of dangerous materials or liquid chemicals. Appropriate spill response procedures should be developed and posted. Additionally:

- Keep a spill kit appropriate for the received materials readily available, stocked, and ready for use (re-stock after each use).
- Clean up spills immediately using absorbent material or containment booms for liquid spills. Immediately sweep up and properly dispose of used absorbent materials.
- Always use dry methods to clean spills (sweeping) and never hose down the spill area.

Periodic inspections should be performed to verify that the conditions of containers, stockpiles, secondary containment devices, and other structural controls are acceptable. Train employees (document) on proper material delivery, handling and spill response requirements. Report all spills in accordance with the Hawaii Department of Health's (HDOH) Spill Reporting and Emergency Response requirements and document response actions.

HDOH Spill Reporting and Emergency Response website:
<http://hawaii.gov/health/environmental/hazard/spill.html>

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Stormwater Management BEST MANAGEMENT PRACTICES



Building and Remodeling

The storm drainage system at our harbor facilities collects rainfall from storm events and releases it directly, without treatment, into the harbor. Sediment is the pollutant of most concern during construction due to the removal of soil cover. Heavy metals and nutrients attach to soil particles that, if allowed to reach the storm drain, degrade water quality. Other items of concern include paints, thinners, mortars and construction rubble/debris.

Implementing Best Management Practices (BMPs) and good housekeeping practices will help maintain water quality in the harbor.

NOTE: SUBMITTAL OF BUILDING OR REMODELING PLANS TO THE HDOT HARBORS DIVISION FOR FORMAL APPROVAL IS REQUIRED

BMP Implementation

Soil Erosion and Sedimentation

- Minimize removal of existing vegetation.
- Reduce traffic on disturbed soils and divert runoff around them.
- Re-vegetate as soon as possible using native seed mix and mulch.
- Frequently sweep soil back from streets and sidewalks.
- Dry sweep paved surfaces rather than hosing down or using blowers.
- Use sediment control devices, including silt fences, inlet protection, diversion ditches, and swales to minimize off-site migration of soil.

Housekeeping During Work

- Properly store and dispose of materials such as paints and solvents.
- Properly contain and dispose of mop water, sweepings, and sediments.
- Use non-toxic substitutes for chemicals when possible.
- Inspect vehicles and equipment for leaks regularly and fix problems as soon as possible.
- Keep a spill kit of absorbent material, such as kitty litter or sand, and safety equipment, such as safety glasses and gloves, in case a spill does occur. Never hose down an area to clean up after a spill.
- Control litter by sweeping and picking up trash on a regular basis.
- Cover dumpsters and replace leaking ones.

Train employees (document) on proper materials storage, handling and spill response responsibilities. Report all spills in accordance with the Hawaii Department of Health's (HDOH) Spill Reporting and Emergency Response requirements found at the link below and document response actions.
<http://hawaii.gov/health/environmental/hazard/spill.html>

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Controlling Vessel Discharges

BEST MANAGEMENT PRACTICES



Small Vessel Maintenance Activities

Debris from small vessel maintenance taking place over water can result in detergents, heavy metals, oils and greases, toxic substances, sediments, and other pollutants that fall directly into pristine Hawaiian waters.

Releasing pollutants directly or indirectly into the harbor during hull maintenance activities is a violation of the Clean Water Act. Proper employee training, implementation of best management practices (BMPs), and pollution prevention methods are necessary. Such maintenance activities include:

- Painting
- Grinding and chipping
- Using chemicals for rust and paint removal
- Washing exterior surfaces (with or without chemicals)
- Engine repair

How to Comply (and Implement Best Management Practices):

Preferred: Perform vessel maintenance while vessel is in dry dock, slipway or haul-out facility, or beyond waters under the jurisdiction of the State of Hawaii.

When haul-out or drydock is not possible:

- Wash exterior surfaces with fresh water only; low pressure (<100psi) only. Wet sponges are preferred to rinsing. Never use detergents or other chemicals. Clean with dry methods (sweeping, vacuuming, or damp mopping).
- Painting to be performed on pier side of vessel only.
- Install a tarp or other containment device underneath all painting, grinding, or chipping. Magnets and poles work well to secure the tarps. Properly dispose of all captured debris removed from hull.
- Use anti-foulant paints with less toxic ingredients and never those with Tributyltin (TBT). Anti-foulant paints and other compounds containing TBT are prohibited for use throughout the United States.
- Never use chemicals, such as Naval Jelly (Phosphoric Acid) for rust or paint removal while vessel is still afloat.
- Never use any compounds that contain Tetrachloroethylene (TCE) for hull maintenance.
- Maintain the hull and all exterior surfaces more frequently to prevent the build-up of rust, marine growth, and aquatic nuisance species (invasive species).
- On Oahu, radio or call Marine Traffic Control at (808) 587-2076 BEFORE painting begins to allow for inspection by DOT Harbors. On Maui: Call 873-3350; On the Island of Hawaii: 933-8850; On Kauai: 241-3750.

*The EPA issued a draft **Small Vessel General Permit (sVGP)** in December 2011, but the moratorium on new regulations is in effect until December 2014. If finalized, it would authorize discharges incidental to the normal operation of **non-military and non-recreational vessels less than 79 feet in length and commercial fishing vessels.***

*The draft permit specifies best management practices for several categories including **fuel management, engine and oil control, solid and liquid maintenance, gray water management, fish hold effluent management, and ballast water management.***

Website for more info: <http://water.epa.gov/polwaste/npdes/vesseIs/index.cfm>

Stormwater Management BEST MANAGEMENT PRACTICES



Building Power Washing

Building power washing, using a high-pressure water system, generates wash water (wastewater), which could contain contaminants (such as detergents, oils, dirt, greases, paint chips, metals, and grime). The discharge of these contaminants into a storm drain is considered an "Illicit Discharge." No wastewater should be discharged into storm drains.

Detergents, even biodegradable ones, can be poisonous to fish. Phosphates, an ingredient in some detergents, are plant nutrients that can cause excessive growth of nuisance plants in the water. Building power washing also removes debris that, if discharged, can clog storm drain inlets and grates and reduce or even prevent stormwater drainage to the collection system.

Note: Building power washing, without proper containment and prior written consent from HDOT Harbors Division, is prohibited. It is also NOT acceptable to let wastewater from washing sit in areas such as parking lots, driveways, or walkway to evaporate, because contaminants can accumulate and flow into storm drains or state waters during the next rainfall event.

BMP Implementation

Primary Option:

- Apply dry wash methods (e.g., wiping with wet rags, wet mopping) that do not generate wastewater or cause wastewater to flow freely to the ground. Rinse water must be disposed of properly (e.g., into the sanitary sewer).

Secondary Option:

- Power washing with a (portable) containment system to completely contain and capture the wastewater. The system must be adequately designed to prevent water from entering a storm drain or from running off-site. A containment pad, berms, and pump system can be used to capture wastewater and divert it to a holding tank for proper disposal (see below).

Other Things To-Be-Considered:

- Building power washing is allowed only after the BMPs are approved in writing by HDOT Harbors Division.
- When power washing old paint off a building, the wastewater will contain paint chips that need to be collected, evaluated, and disposed of properly. Old paint stripped off commercial buildings may contain heavy metals (such as Pb, Cr, Cd, or Hg), and may need to be disposed of as a hazardous waste.
- Options for wastewater disposal include: (1) obtaining permission to direct the wastewater to the City's publicly owned treatment works [POTW] through a sanitary sewer on-site; (2) collecting the wastewater from the site and arranging for disposal at a POTW or industrial waste disposal facility.

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Website:

<http://www.hidot.hawaii.gov/harbors/malamaikeawakai>



Stormwater Management BEST MANAGEMENT PRACTICES



Sidewalk and Walkway Power Washing

Unpainted concrete sidewalk/walkway power washing, using a high-pressure water system, generates wash water, which could contain contaminants (such as oils, dirt, greases, and grime). Power washing also removes debris that, if discharged, can clog storm drain inlets and grates and reduce or even prevent stormwater drainage to the storm conveyance system. Therefore, wash water from sidewalk/walkway power washing must be properly handled.

Note: Before wash water enters storm conveyance system, the discharger must use appropriate Best Management Practices [BMPs] to reduce pollution associated with non-stormwater discharges, to the Maximum Extent Practicable [MEP]. The discharger is responsible for complying with HDOT, City, State, and Federal rules and regulations.

BMP Implementation

Recommended Washing Procedure:

- Sweep and/or clean the surface of any visible pollutants and dispose of the collected material in trash containers. Clean surface oil with rags or absorbents. If using granular material (e.g., cat litter), thoroughly sweep and properly dispose of before washing.
- After visible pollutants are removed, use water ONLY to clean the area (i.e., no soap, acids, or other additives). Generated wash water should be properly drained or disposed of (e.g., directed to landscape or permeable areas within the premises, filtered through geotextile filter at the drain inlet then discharged into the storm drain).
- If any visible pollutants remain in the residual wash water, collect all water and pump into the City's publicly owned treatment works [POTW] through a sanitary sewer on-site. Approval by the City is required.

Other Things To-Be-Considered:

- If there is no storm drain system nearby and discharge on a paved lot or street will create a nuisance or hazardous condition, the effluent may be disposed of at a POTW or industrial waste disposal facility.
- Discharge to a POTW requires approval by the City.
- If sidewalk/walkway is painted and power washing has the potential to remove the paint, please refer to the **Building Power Washing BMP** flyer.

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The SWMP is administered by the Environmental Section under the Engineering Branch.

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Website:
<http://www.hidot.hawaii.gov/harbors/malamaikewakai>



Stormwater Management BEST MANAGEMENT PRACTICES



Storm Drain Inlet Protection

Stormwater runoff occurs naturally. As the runoff flows over land or impervious surfaces (such as paved streets, parking lots, and building rooftops), it can collect debris, chemicals, sediment and other pollutants that could adversely affect water quality if discharged untreated. Storm drain inlet protection measures prevent potential pollutants from entering inlets and eventually our coastal receiving waters.

Storm drain inlet protection can consist of an impounding area around or upstream of a storm drain inlet and/or a sediment filter. The impounding area temporarily ponds runoff to allow sediment to settle, before entering the storm drain. Sediment and debris can also be removed by filtering.

ONLY RAIN AND PERMITTED DISCHARGES ARE ALLOWED TO ENTER HARBORS STORMWATER CONVEYANCE SYSTEMS.

Harbors Tenants shall implement following BMPs for drain inlets located exclusively within the leased area.

- Stencil catch basins and inlets to warn against dumping of pollutants into the storm drainage system.
- Install fabric filter at each on-site storm drain inlet. The fabric should overlap the sides of the inlet.
- Clean on-site catch basins and storm drain inlets in high pollutant load areas as frequently as needed and before the wet season to remove sediment and debris.
- Notify Harbors Division if repairs are needed for deteriorated storm drains and their piping.
- For storm drain inlet protection as part of construction project, please refer to Harbors Construction Site Runoff Control Program.

Inspection and Maintenance:

- If the fabric becomes clogged, torn, or degraded, it should be replaced.
- Properly dispose of wastes collected from storm drain inlet cleaning activities.

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Attachment 2.b

Reduce, Reuse, Recycle Brochure

REDUCE, REUSE & RECYCLE



The Three R's of Sustainability can help minimize the amount of waste we usually throw away, preserve natural resources, protect the environment and save energy. Our actions matter!

A small change to your daily lifestyle is all it takes to reduce waste to our landfills and reduce pollution to our waters. Some small habits utilized daily by everyone can positively change the world.



Ultimately, people rely on nature. Preserving natural resources and protecting our living environment are good for us all. We are the solutions - because to take good care of our environment is to take good care of ourselves.

Commercial and Industrial Owners/Operators

Here's how you can help:

- Develop an action plan to reduce waste at your workplace
- Set up a recycling program at work for paper, plastic, metal, glass and food waste
- Only purchase the amount of product or materials needed to complete a job
- Print only what you need and print on both sides of the paper
- Purchase environmentally-friendly products



HARBORS DIVISION

Environmental Hotline: (808) 587-1962



PROTECT OUR HARBOR WATERS

MĀLAMA I KE AWA KAI
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

For more information, please visit:
hidot.hawaii.gov/harbors/malamaikeawakai

♻️ Printed on recycled paper



PROTECT OUR HARBOR WATERS

MĀLAMA I KE AWA KAI
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION



HARBORS DIVISION

>> REDUCE >> >> REUSE >> >> RECYCLE >> >>

Use fewer resources in the first place

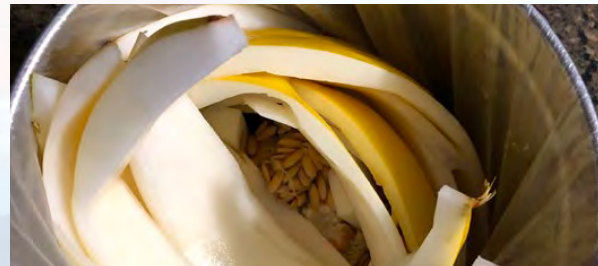
- Use cloth napkins instead of paper napkins
- Avoid one-time use plates, spoons, glass, cups and napkins
- Use less energy by turning off lights and certain appliances when not in use
- Switch to energy-efficient light bulbs and invest in energy-efficient appliances

Use materials more than once instead of discarding

- Buy, sell or donate used items
- Build a compost bin and reuse many food wastes
- Bring your own reusable bag when shopping
- Bring your reusable water bottle daily to reduce plastic and save money

Convert waste materials into new products

- Recycle the basics (paper, plastic, metal, glass), food wastes, fabric and electronics
- Participate in the HI-5 Program
- Avoid buying hazardous materials that could be difficult to recycle
- Know your local recycling guidelines to learn how to recycle properly



There are so many means by which we can help to protect the environment during our daily lives. By reducing, reusing and recycling, we can minimize potential pollutants from entering Hawai'i's waters.



Attachment 2.c

Construction Brochure

EXAMPLES OF GOOD BMPs

BMPs should be installed and maintained in accordance with the City and County of Honolulu Storm Water BMP Manual for Construction. Here are examples of good BMPs:



Stabilized construction entrance.

Drain inlet protected.



Properly installed silt fence

Properly contained stockpile.



EXAMPLES OF ILLICIT DISCHARGES



Sediment leached off-site.



Illicit Discharge: Non-stormwater discharge that poses a risk to the environment.

Improper handling of paint products.

Non-compliance are subject to enforcement.



Contact the **State of Hawaii Department of Health, Clean Water Branch** to see if your project requires an NPDES Permit.

ENVIRONMENTAL COMPLIANCE

Required by your contract or by a tenant revocable permit / lease agreement.

ALL construction projects are **REQUIRED** to comply with **ALL Local, State and Federal ENVIRONMENTAL LAWS**. Enforcement for non-compliance may include:

- Oral or Verbal Warning
- Written Warning
- Notice of Violation
- Stop Work Order
- Summons/Citation

TRAINING REQUIREMENTS

Initial and annual refresher construction training are REQUIRED for Harbors Division engineers, inspectors, and design & construction consultants. A training video is posted online at Harbors Storm Water Management website — <http://www.hidot.hawaii.gov/harbors/malamaikeawakai>

Qualified Inspectors must receive necessary training and conduct at least three on-the-job inspections.



Mailing Address:
Hawaii Dept of Transportation, Harbors Division
Hale Awa Ku Moku Building
79 South Nimitz Highway
Honolulu, Hawaii 96813-4898

REPORT SUSPECTED ILLICIT DISCHARGES

- Harbors Environmental Hotline: (808) 587-1962
- Harbors Construction Section: (808) 587-1866
- Harbor Traffic Control (24/7): (808) 587-2076
- Hawaii Department of Health, Clean Water Branch: (808) 586-4309



Construction activities can contribute pollutants (e.g., sediment) and impact the stormwater runoff, eventually discharging into the harbors and other surface waters. All construction projects conducted on Harbors property at Honolulu, Kalaheo, Barbers Point, and Kahului Harbors are subject to the requirements set forth in **Harbors Construction Site Runoff Control Program**.



Construction is defined as any activity that **disturbs land** (e.g., clearing, grading, excavating) and **construction related activities** (e.g., staging areas, stockpiles). The following construction projects can be exempt from the Harbors Construction Site Runoff Control Program:

- Minor land disturbance on a single lot (e.g., landscaping, interior improvement).
- Post, pole, sign, and fencing installation.
- Utility repair work.
- Parking lot and driveway repair.
- Repair and maintenance activities.

HDOT Harbors **Construction Site Runoff Control Program Manual** is online at <http://www.hidot.hawaii.gov/harbors/malamaikeawakai>



PROTECT OUR HARBOR WATERS

MĀLAMA I KE AWA KAI



ALL construction projects must be reviewed by HDOT Harbors Division to ensure the following are completed and/or submitted, when applicable.

NOTE: Tenant shall obtain consent from HDOT Harbors Division prior to the beginning of any improvement project.

Pre-Construction Meeting (HDOT Harbors Projects Only)

HDOT Harbors Division Engineering Branch will review the project and proposed Best Management Practices (BMPs) to ensure they are adequate for proposed construction activities.

Discharge/Connection Permit (Tenant Projects Only)

Tenants must complete the Discharge/Connection Permit application and submit to Harbors Environmental Section for review and evaluation, when applicable.

NPDES Permits

Submit permit application to the State of Hawaii Department of Health per Hawaii Administrative Rules 11-55. Proof of application and permit must be furnished to Harbors Engineering Branch.

Construction General Permit

Required for sites disturbing land of one acre or more.

Dewatering Permit

Required for projects dewatering to the storm drain and/or receiving water.

To apply for NPDES permits, please visit <https://eha-cloud.doh.hawaii.gov/epermit/>

PLAN SUBMITTAL AND REVIEW

The following forms must be submitted for plan review. These forms are available on the HDOT Harbors Division Storm Water Management website in the [Construction Site Runoff Control Program Manual](http://www.hidot.hawaii.gov/harbors/malamaikeawaka) and [Post-Construction Stormwater Management Manual](http://www.hidot.hawaii.gov/harbors/malamaikeawaka). (<http://www.hidot.hawaii.gov/harbors/malamaikeawaka>)

For Non-Exempt Sites Less Than One Acre:

- Complete Notification Form.
- BMP Plan with narrative of proposed work, site plan, and applicable BMPs.
- Discharge/Connection permit application when applicable (**tenant projects only**).

For Sites Subject to NPDES NOI-C Program:

- Complete Construction Site Design Review Checklist.
- Complete Permanent Post-Construction BMP Plan Checklist.
- Construction Drawings/Plans.
- SWPPP
- Post-Construction Stormwater Mitigation Plan
- Copies of NPDES Permit Applications
- Any Other Applicable Applications (e.g., Section 401 Certification).

HDOT Harbors Division Engineering Branch Environmental Section will review the submittal to ensure the impact of the construction project has been limited to the maximum extent practicable.



Harbors will issue approval to allow the project to proceed once all plan review comments have been addressed. **Approval will be contingent upon the installation of BMPs and an initial inspection.**

HARBORS INSPECTION

Construction site Best Management Practices must be installed per construction plans or the SWPPP (when applicable). Inspections will be conducted by Environmental Section and/or designated & qualified inspector(s). Results will be recorded on [Construction Site Best Management Practices Inspection Checklist](#) and provided to the contractor for correction (if any).

Initial Inspection: To ensure that BMPs have been installed and are adequate. **No other construction activities should commence until this inspection is conducted and deficiencies are addressed.**

Recurring Inspection: Will be conducted throughout the duration of the construction project to ensure BMPs are maintained. Frequencies are:

- Every two weeks from October to March
- Every two months from April to September

Final Inspection: Will be conducted upon completion of construction activities to ensure the following:

- Disturbed soil has been stabilized.
- Temporary BMPs are removed.
- Permanent BMPs are installed, where applicable.

CONTRACTOR SELF-INSPECTION

In addition, construction contractor must conduct self-inspections per requirements set forth in HAR 11-55, Appendix C.

Other References:

- ◇ CCH Rules Relating to Water Quality & Related Resources at <http://www.honolulu.gov/ApplicationsForms/StormWaterQuality.aspx>
- ◇ CCH Storm Water Best Management Practice Manual for Construction (dated November 2011).

Updated on 9/14/2018

Attachment 2.d

Post-Construction Brochure

COMMON POST-CONSTRUCTION BMPs

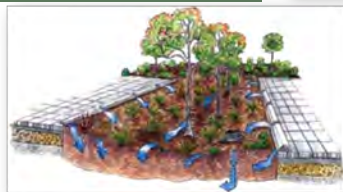
BMPs should be installed and maintained in accordance with **CCH Storm Water BMP Guide**. Typical post-construction BMPs include the following:



Minimize Impervious Surfaces



Install Permeable Pavers



Direct Runoff to Landscaped Areas

Stencil Storm Drain Inlets



Store Hazardous Substances Indoors or Under Cover

Cover Fueling Areas



ENVIRONMENTAL COMPLIANCE

Required by your contract or by a tenant revocable permit / lease agreement.

ALL projects are **REQUIRED** to comply with **ALL** Local, State and Federal **ENVIRONMENTAL LAWS**. Enforcement for non-compliance may include:

- Oral or Verbal Warning
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- Notice of Violation
- Stop Work Order
- Summons/Citation



TRAINING REQUIREMENTS

Training is a major component of any successful stormwater program.

HDOT Harbors Division provides annual training session for Designers, Plan Reviewers, Engineers, Inspectors, Construction Managers, Contractors, and Operators involved in the implementation of the Harbors Post-Construction Stormwater Management Program. A training video is online at Harbors Storm Water Management website — <http://www.hidot.hawaii.gov/harbors/malamaikeawakai>



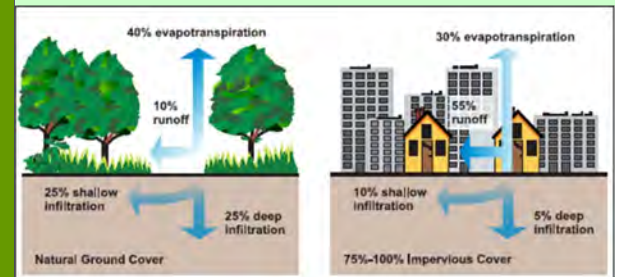
Mailing Address:
Hawaii Dept of Transportation, Harbors Division
Hale Awa Ku Moku Building
79 South Nimitz Highway
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REPORT SUSPECTED ILLICIT DISCHARGES

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At Honolulu, Kalaeloa Barbers Point, and Kahului Harbors, all new and redevelopment projects (resulting in a land disturbance of one acre or more) under HDOT Harbors Division jurisdiction, are subject to the Harbors Post-Construction Stormwater Management Program.



This program complements the **Harbors Construction Site Runoff Control Program**. It is primarily for:

- Harbors Staff tasked with plan review and approval for capital projects and tenant improvement projects.
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- Harbors tenants who wish to perform new construction, reconstruction, and modification of their premises.
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PROTECT OUR HARBOR WATERS

MĀLAMA I KE AWA KAI



Urban runoff from a developed site may contain pollutants, such as trash, oil and grease, suspended solids, metals, gasoline, pesticides, and pathogens to the stormwater conveyance system and receiving waters.

New Development is defined as new construction or installation of a building or structure, or the creation of impervious surfaces **that disturbs one acre or more, or less than one acre if it is part of a larger common plan of development or sale that disturbs one acre or more.**

Redevelopment is development that would create or add an impervious surface area on an already developed site. Redevelopment includes, but is not limited to, any construction project that requires demolition or complete removal of existing structures or impervious surfaces at a site and replacement with new impervious surfaces.

Program Exemptions

HDOT Harbors Division **may exempt certain types of projects from this program** that pose a minimum risk of stormwater pollution including, but not limited to:

- Maintenance activities such as top-layer grinding, repaving (where all pavement is not removed) and reconfiguring surface parking lots.
- Reroofing.
- Interior remodeling and improvement.
- Routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of facility.
- Trenching and resurfacing associated with utility work.
- Replacement of damaged pavement.
- Emergency construction activities required to immediately protect public health and safety.

GENERAL PROJECT REQUIREMENTS

In Design Phase:

1. Incorporate post-construction BMP into project design (Section 2.0* and **City and County of Honolulu [CCH] Storm Water BMP Guide**).
2. Submit Permanent Post-Construction BMP Plan Checklist (Appendix B*).
3. Apply for necessary permits (Attachments 1 and 2 of **Construction Site Runoff Control Program** manual).
4. Submit plans including Post-Construction Stormwater Mitigation Plan [PSMP] for review (Section 3.0*)
5. Submit O&M Plan, if applicable, for review (Section 5.1*)
6. Wait for concurrence and **Notice to Proceed**.

In Construction Phase:

1. Install Post-Construction BMP according to approved PSMP.
2. Monitor/Inspect installation and inventory (Attachment 4 of **Construction Site Runoff Control Program**).
3. Enforcement if necessary.
4. Submit O&M Plan for review (Section 5.1*).

In Post-Construction Phase:

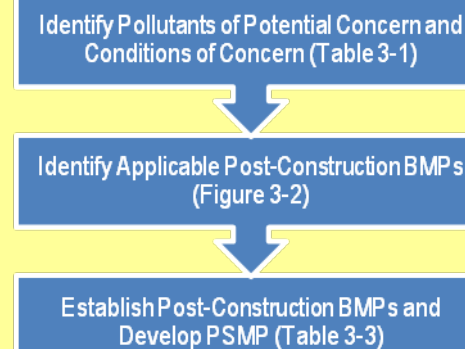
1. Conduct long-term O&M of post-construction BMPs, if applicable (Section 5.0*).
2. Inspect post-construction BMP regularly (Section 5.3*)
3. **For Tenant projects, tenant must submit annual O&M and inspection report to Harbors when applicable (Section 5.2*).**
4. Enforcement if necessary (Section 6.0*).

References:

- ◇ CCH Rules Relating to Water Quality & Related Resources at <http://www.honolulu.gov/ApplicationsForms/StormWaterQuality.aspx>
- ◇ *HDOT Harbors Division Post-Construction Stormwater Management Program Manual.

BMP REQUIREMENTS & SELECTION

To comply with Harbors small Municipal Separate Storm Sewer System permits and to minimize water quality impacts from new development and redevelopment, all Regulated Projects shall consider and apply post-construction BMPs, as appropriate.



POST-CONSTRUCTION BMPs

Low Impact Development [LID] Site Design Strategies:

- Reduce the hydrologic impacts of development and incorporating techniques that maintain or restore the site's hydrologic and hydraulic functions.

Source Control:

- Prevent pollutants from coming in contact with runoff, and prevent polluted runoff from discharging into stormwater conveyance system and receiving waters.

Treatment Control:

- LID Retention - Retain runoff on-site.
- LID Bioinfiltration - Remove pollutants from runoff by filtering through vegetation and soils.
- Other Treatment - Remove pollutants from runoff by mechanical methods.

Attachment 2.e

New Tenant Welcome Brochure



PROTECT OUR HARBOR WATERS MĀLAMA I KE AWA KAI



We are all responsible to make sure that pollutants don't end up in our ocean. To prevent "Illicit Discharges" into the storm water drainage system, there are Good Housekeeping activities and/or **Best Management Practices** (BMPs) that must be incorporated into your operations.

Sweep, Rake, Vacuum & Mop vs. Washing

Do **NOT** hose off sidewalks, parking areas and garages. Sweep, Rake, Vacuum & Mop and properly dispose of debris.



Use Non-Toxic Products

Choose non-toxic products over toxic ones. If needed, use them sparingly and properly dispose of unused portions. Minimize quantities stored on site.

NO Vehicle Washing

Unless authorized in writing by DOT Harbors. When washing vehicles, use soap sparingly and divert water runoff to landscaping or the sanitary sewer. Wash water should be collected in a bucket and poured in a sink. Do not allow soapy water to go onto the ground or into storm drains.

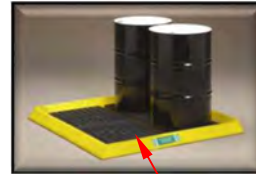
Reduce Use of Landscape Chemicals

Minimize the use of lawn and garden products, pesticides, herbicides, fertilizers and other chemicals. Avoid over-irrigating.

In general, **BMP's** can be followed by incorporating the **4 C's**:

CONTAIN IT, CONTROL IT, CAPTURE IT & COMMUNICATE IT

Contain It: Isolate your work area to prevent any potential flow or discharge from leaving the area.



Spill Containment



Wash Containment



Control It: Locate the nearest storm drain(s) and take measures to prevent pollutants from entering or discharging into them.

Stenciling



Protect Drains Properly



Capture It: Be prepared with clearly marked spill kits in appropriate areas to contain spills. Capture debris from rainwater runoff, cover trash, sweep, rake, vacuum and mop versus wash. Properly dispose of debris in trash receptacles.



Capture Oil



Be Prepared



Keep Receptacles Covered

Communicate It: Report illicit discharges, suspected discharges, and pollution concerns to Harbors Environmental Hotline at **(808) 587-1962** or to contacts listed in the **REPORT ILLICIT DISCHARGES** box. (BACK PAGE)

Best Management Practices (BMPs) for your industry can be found on the DOT Website:



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Select [Harbors Division](#) SCROLL DOWN the webpage and find **BMP Flyers** under:

Harbors Best Management Practices (BMP) Fliers

- [General BMPs](#)
- 1. [BMPs for Building and Remodeling](#)
- 2. [BMPs for Vehicle and Equipment Fueling](#)
- 3. [BMPs for Solid and Hazardous Waste Management](#)
- 4. [BMPs for Material Delivery and Handling](#)
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- [National Menu of Stormwater BMPs](#)
- [EPA Construction BMPs](#)
- [EPA Post-construction BMPs](#)

SCROLL DOWN further to find “**Spill Prevention Control & Counter Measures (SPCC)**”.

Spill Prevention Control and Counter Measures (SPCC)

Environmental Protection Agency's (EPA's) main website for SPCC guidance.

- [Tier 1 Qualified Facility SPCC Plan Template](#)
For facilities meeting the Tier I facility definition per 40 CFR 112.3(g)(1) and (2) of the SPCC rule. Contains SPCC Plan template in editable Microsoft Word format.
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Storm water pollution affects us all. Storm drains are not connected to the wastewater treatment plant (sanitary sewer system), so everything flowing into the storm drain goes directly into our ocean UNTREATED!

Storm water pollution comes from a variety of sources including:

- Oil, fuel, machinery fluids, etc.
- Litter, pesticides, fertilizers, etc.
- Construction materials, such as, cement, paints, solvents, cleaners, detergents, metal, insulation, wood, etc.
- Bacteria from human and animal waste.
- Wash water from sinks, laundry, showers, vehicle washing, etc.



For More Information Call:

(808) 587-1962

Attachment 3.a

Tenant Training Notice Letter

DAVID Y. IGE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS DIVISION
79 S. NIMITZ HIGHWAY
HONOLULU, HAWAII 96813-4898

JADE T. BUTAY
DIRECTOR


Deputy Directors
LYNN A.S. ARAKI-REGAN
DEREK J. CHOW
ROSS M. HIGASHI
EDWIN H. SNIFFEN

IN REPLY REFER TO:
HAR-EE 3284.21

July 28, 2020

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

TO: HARBORS DIVISION TENANTS

FROM: DEREK J. CHOW 
DEPUTY DIRECTOR
DEPARTMENT OF TRANSPORTATION, HARBORS DIVISION

SUBJECT: MANDATORY 2020 STORMWATER AWARENESS TRAINING FOR
HARBORS TENANTS
MĀLAMA I KE AWA KAI (PROTECT OUR HARBOR WATERS)

To protect our local communities against COVID-19, we will be conducting this year's annual stormwater awareness training at an online resource (e.g., YouTube). **Please note that this annual training is mandatory for all Harbors Division tenants on the Island of Oahu.** Please arrange for at least one (1) representative from your company to attend this training by watching this 24-minute long training video, and by following the instructions below to claim the credit for your company.

1. Watch the video online at https://www.youtube.com/watch?v=8_SbmmyP8lQ
2. Complete the enclosed Sign-In sheet to list all attendees from your company
3. Complete the enclosed questionnaire and survey (one per attendee) at the end of the training. Feel free to make more copies as needed.
4. **Scan and email completed Sign-In sheet(s), questionnaire(s), and survey(s) to ying.j.zhang@hawaii.gov, or mail the completed hard copies to the address below no later than September 30, 2020.**

ATTN: Ms. Ying "Joy" Zhang
State of Hawaii, Department of Transportation, Harbors Division
Engineering Branch Environmental Section
79 South Nimitz Highway
Honolulu, Hawaii 96813-4898

The web link to this training video and the above-listed documents are also accessible through our website at <http://hidot.hawaii.gov/harbors/malamaikeawakai/> under **Storm Water Training**. Upon receiving these completed documents, training credits will be counted toward your facility's total risk ranking score. Tenants who fail to arrange your representative(s) to watch this training video will see its facility total risk ranking score increase. A higher risk ranking score may subject your facility to more compliance inspections and/or other administrative actions as may be warranted.

If your facilities were assessed/evaluated to be under Medium or High risk categories in 2019, we will be contacting you to schedule and conduct the tenant stormwater compliance inspection of your facilities starting in September.

Please visit our website at <http://hidot.hawaii.gov/harbors/malamaikeawakai/> for more information. A set of tri-fold brochures focusing on environmental sustainability, pollution prevention, and Harbors Division Post-Construction program are enclosed. If you have any questions, please contact Ms. Ying "Joy" Zhang of our Engineering Branch Environmental Section, at (808) 587-1960.

Enclosures



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____ Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1					
2					
3					
4					
5					
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2020 HDOT Harbors Tenant Training Questionnaire



Name: _____ Company: _____ Date: _____

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - b. False
9. The first step of spill response is to
 - a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. _____ Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

3. What were the weak points of this online training course that we should address for next year?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. _____ Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: _____ Date: _____

Company: _____

"Mālama i ke awa kai" - Protect Our Harbor Waters



PROTECT OUR HARBOR WATERS MALAMA I KE KAI



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Sweep, Rake, Vacuum & Mop vs. Washing

Do **NOT** hose off sidewalks, parking areas and garages. Sweep, Rake, Vacuum & Mop and properly dispose of debris.



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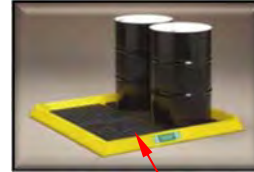
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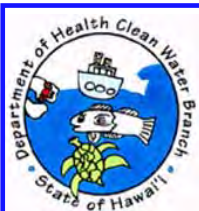
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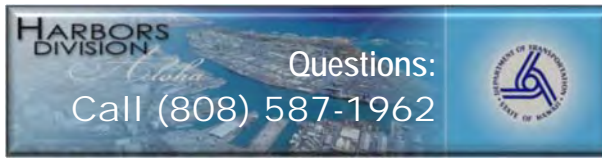
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COMMON POST-CONSTRUCTION BMPs

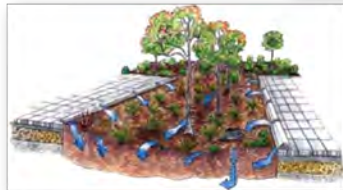
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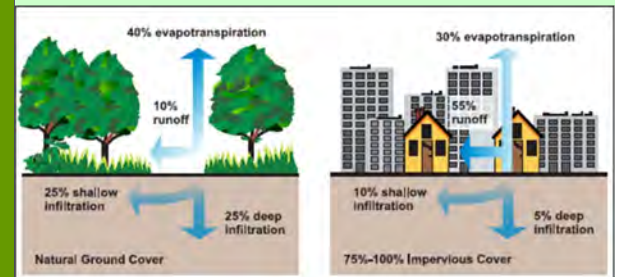
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2. Submit Permanent Post-Construction BMP Plan Checklist (Appendix B*).
3. Apply for necessary permits (Attachments 1 and 2 of **Construction Site Runoff Control Program** manual).
4. Submit plans including Post-Construction Stormwater Mitigation Plan [PSMP] for review (Section 3.0*)
5. Submit O&M Plan, if applicable, for review (Section 5.1*)
6. Wait for concurrence and **Notice to Proceed**.

In Construction Phase:

1. Install Post-Construction BMP according to approved PSMP.
2. Monitor/Inspect installation and inventory (Attachment 4 of **Construction Site Runoff Control Program**).
3. Enforcement if necessary.
4. Submit O&M Plan for review (Section 5.1*).

In Post-Construction Phase:

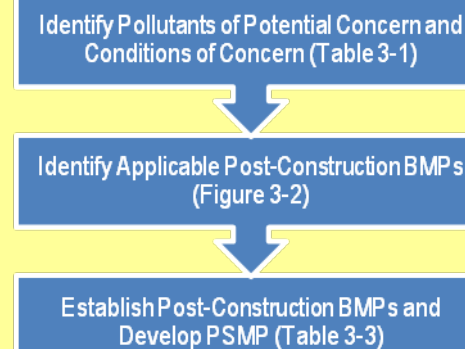
1. Conduct long-term O&M of post-construction BMPs, if applicable (Section 5.0*).
2. Inspect post-construction BMP regularly (Section 5.3*)
3. **For Tenant projects, tenant must submit annual O&M and inspection report to Harbors when applicable (Section 5.2*).**
4. Enforcement if necessary (Section 6.0*).

References:

- ◇ CCH Rules Relating to Water Quality & Related Resources at <http://www.honolulu.gov/ApplicationsForms/StormWaterQuality.aspx>
- ◇ *HDOT Harbors Division Post-Construction Stormwater Management Program Manual.

BMP REQUIREMENTS & SELECTION

To comply with Harbors small Municipal Separate Storm Sewer System permits and to minimize water quality impacts from new development and redevelopment, all Regulated Projects shall consider and apply post-construction BMPs, as appropriate.



POST-CONSTRUCTION BMPs

Low Impact Development [LID] Site Design Strategies:

- Reduce the hydrologic impacts of development and incorporating techniques that maintain or restore the site's hydrologic and hydraulic functions.

Source Control:

- Prevent pollutants from coming in contact with runoff, and prevent polluted runoff from discharging into stormwater conveyance system and receiving waters.

Treatment Control:

- LID Retention - Retain runoff on-site.
- LID Bioinfiltration - Remove pollutants from runoff by filtering through vegetation and soils.
- Other Treatment - Remove pollutants from runoff by mechanical methods.

REDUCE, REUSE & RECYCLE



The Three R's of Sustainability can help minimize the amount of waste we usually throw away, preserve natural resources, protect the environment and save energy. Our actions matter!

A small change to your daily lifestyle is all it takes to reduce waste to our landfills and reduce pollution to our waters. Some small habits utilized daily by everyone can positively change the world.



Ultimately, people rely on nature. Preserving natural resources and protecting our living environment are good for us all. We are the solutions - because to take good care of our environment is to take good care of ourselves.

Commercial and Industrial Owners/Operators

Here's how you can help:

- Develop an action plan to reduce waste at your workplace
- Set up a recycling program at work for paper, plastic, metal, glass and food waste
- Only purchase the amount of product or materials needed to complete a job
- Print only what you need and print on both sides of the paper
- Purchase environmentally-friendly products



HARBORS DIVISION

Environmental Hotline: (808) 587-1962



PROTECT OUR HARBOR WATERS

MĀLAMA I KE AWA KAI
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

For more information, please visit:
hidot.hawaii.gov/harbors/malamaikeawakai

♻️ Printed on recycled paper



PROTECT OUR HARBOR WATERS

MĀLAMA I KE AWA KAI
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION



HARBORS DIVISION

>> REDUCE >> >> REUSE >> >> RECYCLE >> >>

Use fewer resources in the first place

- Use cloth napkins instead of paper napkins
- Avoid one-time use plates, spoons, glass, cups and napkins
- Use less energy by turning off lights and certain appliances when not in use
- Switch to energy-efficient light bulbs and invest in energy-efficient appliances

Use materials more than once instead of discarding

- Buy, sell or donate used items
- Build a compost bin and reuse many food wastes
- Bring your own reusable bag when shopping
- Bring your reusable water bottle daily to reduce plastic and save money

Convert waste materials into new products

- Recycle the basics (paper, plastic, metal, glass), food wastes, fabric and electronics
- Participate in the HI-5 Program
- Avoid buying hazardous materials that could be difficult to recycle
- Know your local recycling guidelines to learn how to recycle properly

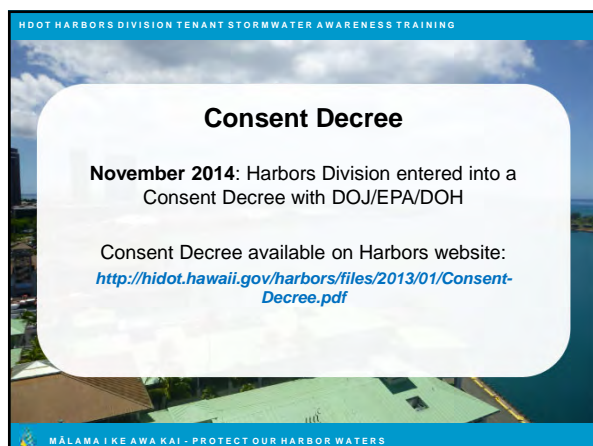
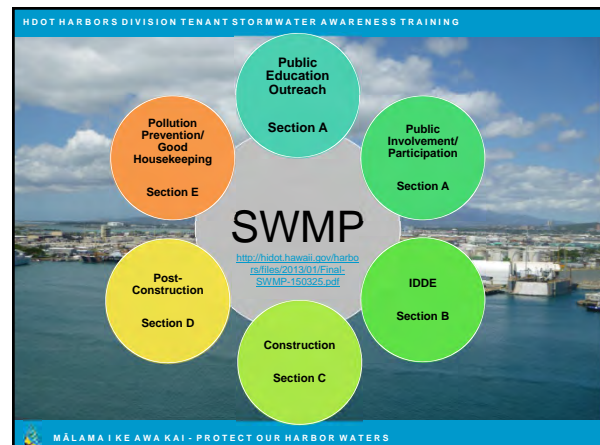
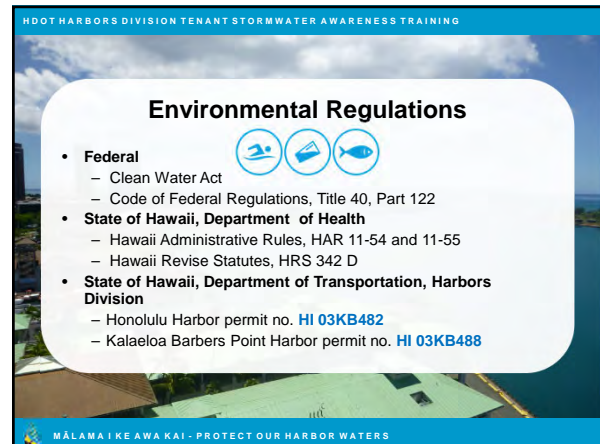


There are so many means by which we can help to protect the environment during our daily lives. By reducing, reusing and recycling, we can minimize potential pollutants from entering Hawai'i's waters.



Attachment 3.b

Tenant Training Presentation Slides



HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Municipal Separate Storm Sewer System (MS4)



Publicly-owned conveyance or systems of conveyances (including but not limited to streets, ditches, catch basins, curbs, gutters, and storm drains) that is designed or used for collecting or conveying stormwater and discharges to surface waters.

DRAINS TO OCEAN

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HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Allowable Non-Stormwater Discharges


Listed under HAR 11-55 Appendix K General Permit

- Daily Operations
 - Water line flushing
 - Uncontaminated AC Condensate
 - Landscape irrigation
 - Discharges from potable water sources and foundation drains
 - Water from crawl space pumps and footing drains
- Groundwater (uncontaminated)
- Natural Origin
 - Springs
 - Diverted stream flows
- Emergencies
 - Discharge from fire fighting activities

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HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

What is an Illicit Discharge?



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

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HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Tenant Stormwater Compliance

Harbor Tenant Conservation Score	High	Medium	Low
Score >16 or a 5 in specific criteria	Score from 6 to 16	Score ≤ 5	
1. Ev	2. Di	3. Sh	
Inspected semi-annually	Inspected annually	Inspected every 5 years	

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HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Pollutants of Concern

- Sediment
- Nutrients (leaves, trash, etc.)
- Bacteria and other pathogens
- Debris and garbage
- Chemicals and Hydrocarbons (insecticides, pesticides, paints, solvents, oil, automobile fluids)
- Metals (zinc, iron, aluminum)
- Polluted drinking water source

MĀLAMA I KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Tenant Stormwater Compliance Inspections

Harbor tenant inspections and enforcement are requirements of the 2014 Consent Decree. Tenant inspections are usually conducted under the following circumstances:

- Initial / New Tenant
- Routine
- Follow-up
- Final
- Reconnaissance
- Investigation

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HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Tenant Stormwater Compliance Inspections

General Inspection Items

- Paperwork (*permits, plans, training logs, etc.*)
- Site walk evaluating stormwater-compliant Best Management Practices (BMPs)
 - Material Storage and Handling (petroleum, waste, chemicals)
 - Fueling
 - Washing
 - Maintenance
 - General Housekeeping
 - Spill Response

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HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Tenant Stormwater Compliance Inspections

The EPA and HDOH can conduct an unannounced inspection at any reasonable time.

Be Prepared!

Let's Work Together!

Final
Harbors Tenant Inspection Manual

HARBORS DIVISION

State of Hawaii
Department of Transportation
Harbors Division
75 South Berkeley Avenue
Honolulu, Hawaii 96813-4200

August 2014
Issued 0.1


http://hidot.hawaii.gov/harbors/files/2013/01/2014-Tenant-Inspection-Manual_Final1.pdf

PROTECT OUR HARBOR WATERS - MĀLAMAI KE AWA KAI

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Correcting Deficiencies

1. Findings
 - Violations (Class I and Class II)
 - 30 days to provide corrective action
 - Extension request
2. Photo Log
3. Compliance Inspection Form
4. Updated Risk Ranking



MĀLAMAI KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Best Management Practices (BMPs)

What is a BMP?

- Structural device or system
- Operational or procedural practice
 - BMPs are specific to a facility's operation

Where are BMPs found?

- Facility SWPCP or BMP Plan
- HDOT Harbors Division Tenant Inspection Manual
- Harbors Stormwater Management Website
- EPA BMP Menu

<https://hidot.hawaii.gov/harbors/library/storm-water-management/>

MĀLAMAI KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Escalating Enforcement

An environmental violation may lead to penalties

1. Oral or Verbal Warning
2. Written Warning (Inspection Report + Letter)
3. Notice of Apparent Violation
4. Notice of Finding of Violation and Order
5. Termination of Lease / Revocable Permit

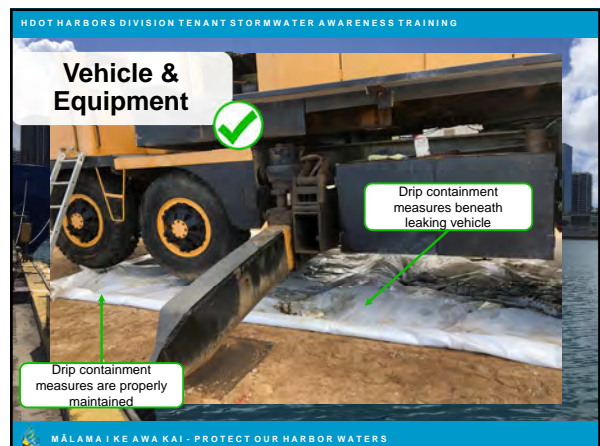
MĀLAMAI KE AWA KAI - PROTECT OUR HARBOR WATERS

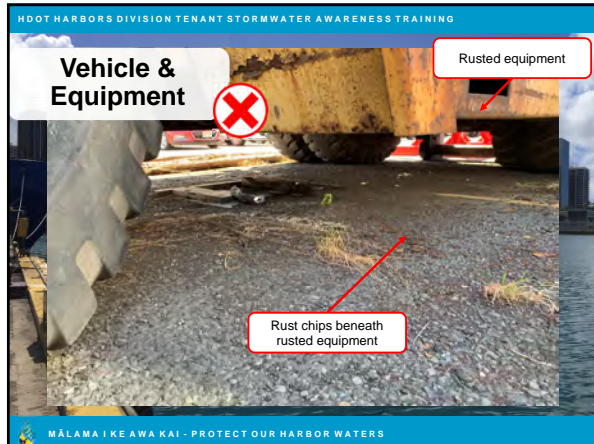
HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

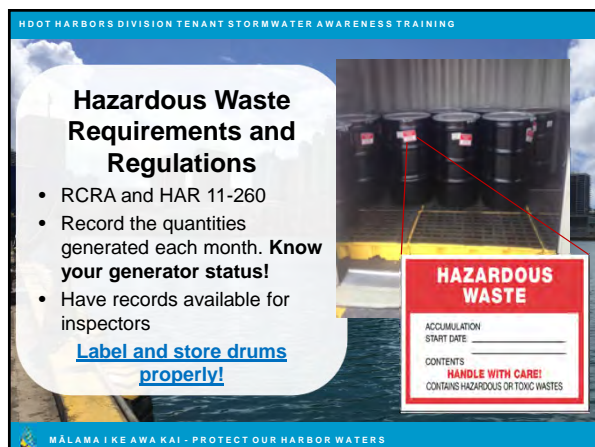
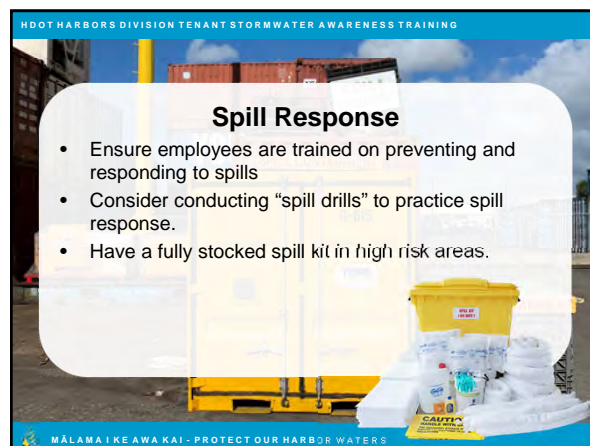
Common BMPs

- Good Housekeeping
- Storm Drain Inlet Protection
- Vehicle and Equipment Washing
- Vehicle and Equipment Fueling
- Material Delivery and Handling
- Solid and Hazardous Waste Management
- Outdoor Material Storage
- Building and Remodeling
- Building Power Washing
- Sidewalk and Walkway Power Washing

MĀLAMAI KE AWA KAI - PROTECT OUR HARBOR WATERS







HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Illicit Discharge and Spill Reporting

Reportable Quantity:
Oil spills greater than or equal to 25 gallons, anything not cleaned within 72 hours, or if it enters a surface water body

- **National Response Center**
 - (800) 424-8802
- **Department of Health, HEER**
 - (808) 586-4249
- **Department of Health CWB** (if it enters a surface water body)
 - (808) 586-4309

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HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Construction Site Runoff Control Program (Cont.)

Initial Inspection

- Ensure BMPs are installed properly
- Deficiencies must be corrected prior to start of construction work

Regular Inspections

- October – April (Wet Season): Every 2 weeks
- May – September (Dry Season): Every 2 months
- Inspectors provide contractor with report w/in 5 calendar days

MĀLAMA I KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Construction Site Runoff Control Program

- Tenant construction projects need prior consent from Harbors and must obtain all necessary permits
- Harbors reviews submitted plan to ensure construction site BMPs meet Harbors program requirements
- Tenant is ultimately responsible for the project

MĀLAMA I KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Construction Site Runoff Control Program (Cont.)

Final Inspection

- When all the following conditions are met:
 - Construction is inactive
 - Exposed soil has been stabilized
 - Remaining activities have minimal impact on stormwater runoff
- Document the conditions are met
- Ensure post-construction BMPs are properly installed, if applicable
- Deficiencies must be corrected

MĀLAMA I KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Construction Site Runoff Control Program

Construction Plan Review and Approval Requirements

- Notification Form for projects less than one acre
- Construction Site Specific Best Management Practice Plan

OR

- Construction Design Review Checklist
- Completed NPDES application
- Project Design Drawings / Plans
- Stormwater Pollution Prevention Plan (SWPPP)
- Post-Construction Stormwater Mitigation Plan

MĀLAMA I KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Post-Construction BMPs

Projects that result in land disturbance of 1 acre or more (regulated projects) must implement post construction BMPs.

- **Low Impact Development (LID)**
 - Goal: Keep stormwater on-site and treat it as a resource instead of a waste
- **Source Control**
 - Goal: Keep potential pollutants from coming into contact with stormwater
- **Treatment Control**
 - Goal: Remove pollutants from stormwater runoff.

MĀLAMA I KE AWA KAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Prevent stormwater pollution!

- Consider stormwater impacts from your daily operations
- Practice Good Housekeeping measures
- Implement Source Control BMPs
- Respond to spills promptly
- Report illicit discharges and spills

MĀLAMA I KE AWAKAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING

Resources and Contacts

Harbors Stormwater Website:
<http://hidot.hawaii.gov/harbors/malamaikeawakai/>

Harbors Division Environmental Contacts:

- Report Suspected Illicit Discharge: 587-2076 (Harbor Traffic Control) or 587-1960 (Environmental Hotline)
- Joy Zhang, P.E.: 587-1960, ying.j.zhang@hawaii.gov
- Michele Freitas: 587-1976, michele.gn.freitas@hawaii.gov
- Mitchell Martello: 587-1969, mitchell.a.martello@hawaii.gov

Harbors Division Property Management Contacts:

- Joni Savusa, 587-1944, joni.savusa@hawaii.gov
- Eric Leong, 587-1943, eric.leong@hawaii.gov
- Olivia Pham, 587-1942, olivia.n.pham@hawaii.gov

MĀLAMA I KE AWAKAI - PROTECT OUR HARBOR WATERS

HDOT HARBORS DIVISION TENANT STORMWATER AWARENESS TRAINING



Mahalo!

MĀLAMA I KE AWAKAI - PROTECT OUR HARBOR WATERS

Attachment 3.c

**Tenant Training Questionnaire Results, Feedback Summary, and
Completed Questionnaires and Surveys**

Attachment 3c.
2020 Stormwater Awareness Training Questionnaire

2020 HDOT Harbors Tenant Training Questionnaire
7/28/2020 - 9/30/2020

Correct Answer

C

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Total 97	% Correct # Correct	96% 93	94% 91	88% 85	93% 90	91% 88	96% 93	95% 92	85% 82	86% 83	93% 90	# Correct		
Name	Company	Date	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9	Question 10		Comments
Ross Matuskawa	Aala Ship Service	8/17/2020	c	d	d	a	d	d	d	a	a	a	10	
David Zeidler	AES Hawaii	8/14/2020	c	d	d	a	d	d	d	a	a	a	10	
Samuel Tong	HPU	8/25/2020	c	d	d	a	d	d	d	a	a	a	10	
Michael MacDon	American Marine	9/17/2020	c	d	d	a	d	d	d	a	a	a	10	
Zachary Dixon	American Marine	8/31/2020	c	d	d	a	d	d	d	a	a	a	10	
David Griffith	American Marine	8/31/2020	c	d	d	a	d	d	d	a	a	a	10	
DC Carter	American Marine	8/28/2020	c	d	d	a	d	d	d		a	a	9	
Blake Brown	American Marine	9/1/2020	c	d	d	a	d	d	d	a	a	a	10	
Doug Fraser	American Marine	9/23/2020	c	d	b	a	d	d	d	a	c	a	8	
Jonathan Satre	AML	9/25/2020	c	d	d	a	d	d	d	a	a	a	10	
Glenn Jimbo	Signature flight Support	9/29/2020	c	d	d	a	d	d	d	a	a	a	10	
Tim McKeague	Atlantis Submarine Hawaii	8/14/2020	c	d	d	a	d	d	d	a	a	a	10	
Marc Dexter	Hawaii Gas	11/10/2020											0	
Phil Carper	BEI Hawaii	8/19/2020	c	d	d	a	d	d	d	a	b	a	9	
Michael Watanab	CCH	9/28/2020	c	d	d	a	d	d	d	b	a	a	9	
Steven Wong	CCH	9/28/2020	c	d	d	a	d	d	d	a	a	a	10	
Randy Leong	CCH	9/30/2020	c	d	d	a	d	d	d	b	a	a	9	
Kelly White	Container Storage Co of Hawaii	8/17/2020	c	a	d	a	d	d	d	a	a	a	9	
Tiffany Whitwort	Young Brothers	9/25/2020	c	d	d	a	d	d	d	a	a	a	10	
Weston Yap	Fresh Island Fish	9/26/2020	c	d	b	a	d	d	d	a	a	a	9	
Jay Dowsett	Friends of Hokuleia	8/18/2020	c	d	d	a	d	d	d	a	a	a	10	
Todd Miyahara	Asphalt Hawaii	8/20/2020	c	d	d	a	d	d	d	a	a	a	10	
Josh Jenks	Asphalt Hawaii	8/19/2020	c	d	d	a	d	d	d	a	a	a	10	
Jearrette Sauta	Asphalt Hawaii	8/18/2020	c	d	d	a	d	d	d	a	a	a	10	

Attachment 3c.
2020 Stormwater Awareness Training Questionnaire

Name	Company	Date	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9	Question 10		Comments
Dane Wurlitzer	<i>Hawaiian Cement</i>	8/14/2020	c	d	d	a	d	d	d	a	a	a	10	
David Gomes	Hawaiian Cement	8/19/2020	c	d	d	a	d	d	d		a	a	9	
Jim Gomes	Hawaiian Cement	9/2/2020	c	d	d	a	d	d	d	a	a	a	10	
Guy Fujiya	Hawaiian Cement	9/2/2020	c	d	d	a	d	d	d	a	a	a	10	
Ervin Hendrix	Hawaiian Cement	9/4/2020	c	d	d	a	d	d	d		a	a	9	
Mario Marocco	Hawaiian Cement	9/11/2020	c	d	d	a	d	d	d	a	a	a	10	
Herbert Nahinu	<i>Hawaii Pilots</i>	8/27/2020	c	d	d	a	c	d	d	a	a	a	9	
Eric Shimakukuro	HC&D	9/26/2020	c	d	d	a	d	d	d	a	a	a	10	
Noa Castro	HC&D	9/18/2020	c	d	d	a	d	d	d	a	a	a	10	
Tiffany Turnbull	HC&D	9/22/2020	c	d	d	a	d	d	d	a	a	a	10	
David Thompson	<i>Hawaii Pilots</i>	9/28/2020	c	d	d	a	d	d	d	a	a	a	10	
Rick Saunders	<i>HIS</i>	8/13/2020	c	d	d	a	d	d	d	a	a	a	10	
Frank Roznerksi	<i>HIS</i>	8/13/2020	c	d	d	a	d	d	d	a	a	a	10	
Jerrick Aguilar	<i>Inchcape Shipping Services</i>	9/8/2020	c	d	d	a	d	d	d	b	b	b	7	
Christian Robinson	James Heumann	9/26/2020	c	d	b	a	d	d	d	a	a	a	9	
Kyle Hirano	<i>Jas W Glover</i>	9/1/2020	c	d	d	a	d	d	d	a	a	a	10	
Joshua Ibrao	Hawaiian Ice	8/13/2020	c	d	d	a	d	d	d	a	a	a	10	
Terry Aquino	Hawaiian Ice	8/13/2020	c	d	d	a		d	d	a	a	a	9	
Hideki Fukuzawa	JFC International	8/28/2020											0	
Ira Matsumura	JFC International	8/28/2020											0	
Ellison Bonilla	JFC International	8/28/2020	c	d	d	a	d	d	d	a	a	a	10	
Tomoko Kaku	JFC International	8/28/2020											0	
James Pontin Jr.	Kirby Offshore Marine	9/16/2020	c	d	d	a	d	d	d	a	a	a	10	
Miyuki Cleary	Kirby Offshore Marine	9/16/2020	c	d	d	d	d	d	d	a	a	a	9	
Steve Hinton	Marisco	9/22/2020	c	c	d	a	d	d	d	a	a	a	9	
Keahi Birch	<i>Matson</i>	9/23/2020	c	d	d	a	d	d	d	a	a	a	10	
Ethan Creps	<i>Matson</i>	9/10/2020	c	d	d	a	d	d	d	a	a	a	10	
Dustin Sharp	<i>Matson</i>	9/3/2020	c	d	d	a	d	d	d	a	a	a	10	
Joseph Montano	<i>Matson</i>	9/2/2020	c	d	d	a	d	d	d	a	a	a	10	
Raymond Tavai	<i>Matson</i>	9/10/2020	c	d	d	a	d	d	d	a	a	a	10	
Brandon K.	<i>Matson</i>	9/5/2020	c	d	d	a	d	d	d	a	a	a	10	
Todd Bliss	<i>Matson</i>	9/9/2020	c	d	d	a	d	d	d	a	a	a	10	
Kendal Kawamura	<i>Matson</i>	9/11/2020	c	d	d	a	d	d	d	a	a	a	10	
Michael Shea	<i>Matson</i>	9/9/2020	c	d	d	a	d	d	d	a	a	a	10	
Stephen Sasaki	<i>Matson</i>	9/9/2020	c	d	d	a	d	d	d	a	a	a	10	
Kam Chun	<i>Matson</i>	9/11/2020	c	d	d	a	d	d	d	a	a	a	10	
Herbert Kauhane	<i>Matson</i>	9/2/2020	c	d	b	a	b	d	d	a	b	a	7	
Paul Kau	<i>Matson</i>	9/18/2020	c	d	d	a	d	d	d	a	a	a	10	
Bryan Asari	<i>Matson</i>	9/4/2020	c	d	d	a	a	d	d	a	a	a	9	
Sosaia Taumoefo	<i>Matson</i>	9/24/2020	c	d	d	a	d	d	d	a	a	b	9	
Curtis Chee	MC&A	9/14/2020	c	d	d	a	d	d	d	a	a	a	10	

Attachment 3c.
2020 Stormwater Awareness Training Questionnaire

Name	Company	Date	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9	Question 10		Comments
Andrew Souza	McCabe	9/29/2020	c	d	b	a	d	d	d	a	b	a	8	
Ralph Dehitt	P&R Water Taxi	9/28/2020	c	d	d	a	d	d	d	a	a	a	10	
Wade Matsueda	Paradise Cruise LTD	9/23/2020	c	d	d	a	d	d	d	a	a	a	10	
Shanyn Kauihou	PENCO	9/1/2020	c	d	d	b	d	d	d	a	c	a	8	
Kali ricardo	PENCO	8/31/2020	c	d	d	a	d	d	d	a	a	a	10	
Chadesy Luecke	PENCO	9/2/2020	c	d	d	a	d	d	d	a	a	a	10	
Chad Miller	Petrospect	8/20/2020	c	d	d	a	d	d	d	a	a	a	10	
Rodney Yee	Pioneer Machinery	9/15/2020	c	d	d	a	d	d	d	a	b	a	9	
Neil Kanemoto	POP Fishing and Marine	9/28/2020	c	d	d	a	d	d	d	a	a	a	10	
Freedom Dennis	Sause Bro	9/8/2020	c	d	d	a	d	d	d	a	a	a	10	
Matthew Tongg	Sause Bro	9/9/2020	c	d	d	a	d	d	d	a	c	a	9	
Blaine Gemenio	Sause Bro	8/20/2020	c	d	d	a	d	d	d	a	a	a	10	
Gabe Foreman	Sea Engineering	9/25/2020	c	d	d	a	d	d	d	a	b	a	9	
Raymod Siu	Pier 21 Lunchroom	8/24/2020	c	d	d	a	d	d	d	a	a	a	10	
Edgar Ugate	ATG-CRD	9/25/2020	c	d	d	a	d	d	d	a	a	b	9	
Kevin Nishioka	Attorney General	9/25/2020	c	d	d	d	d	d	d	a	a	a	9	
Dean Uyehara	Hawaii Gas	9/28/2020	c	d	d	a	d	d	d	b	a	a	9	
Jason Young	Roberts Hawaii	9/1/2020	c	d	b	a	a	d	d	a	a	a	8	
Randal Iijima	Toell USA	9/10/2020	c	d	b	a	d	d	d	a	b	a	8	
Rin Kusaka	Toell USA	9/15/2020	c	d	d	a	d	d	d	a	a	a	10	
Floyd Otani	United Fishing Agency	9/11/2020	c	d	d	a	d	d	d	a	a	a	10	
Nelson Aberilla	United Fishing Agency	9/11/2020	c	d	b	a	d	d	d	a	a	a	9	
Ferdinand Jose	US Customs and Borders	8/15/2020	c	d	d	a	d	d	d	a	a	a	10	
Kim Lu	Vak Fisheries	8/29/2020	c	d	d	a	d	d	d	b	a	a	9	
Tu Vu	Vak Fisheries	8/28/2020	c	d	d	a	d	d	d	b	a	a	9	
Raymond Rodger	Vak Fisheries	8/29/2020	c	d	d	a	d	d	d	b	a	a	9	
Josephine La Mac	Welch and Weeks	10/8/2020	c	d	d	a	d	d	d	a	a	a	10	
Megan Rycraft	Young Brothers	9/25/2020	c	d	d	a	d	d	d	a	a	a	10	
Kevin Castillo	PSI	8/21/2020	c	d	d	a	d	d	d	a	a	a	10	
Anthony Olivos	Penco	11/16/2020	c	d	d	a	d	d	d	a	a	a	10	
Wesley Souza	PENCO	11/16/2020	c	d	d	a	d	d	d	b	a	a	9	
Shayden Banaay	PENCO	11/16/2020	c	d	d	a	d	d	c	a	a	a	9	
Stuart Harada	PENCO	11/16/2020	c	d	d	a	d	d	d	a	a	a	10	
J Souza	PENCO	11/16/2020	c	d	d	a	d	d	d	a	a	a	10	
William Manade	PENCO	11/16/2020	c	d	d	a	d	d	d	a	a	a	10	
Randolf Robalo	PENCO	11/16/2020	c	d	d	a	d	d	d	a	a	a	10	Why #9 deosnt have "all of the above", theres more than one
Joshua Willing	PENCO	11/16/2020	c	d	d	a	d	d	d	a	a	a	10	

Attachment 3c.
2020 Stormwater Awareness Training Questionnaire

Name	Company	Date	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9	Question 10		Comments
Chadesy Luecke	<i>PENCO</i>	11/16/2020	c	d	d	a	d	d	d	a	a	a	10	
Barry Choy	<i>UH Marine Center</i>	11/18/2020	c	d	d	a	d	d	d	a	a	a	10	
Robin Vye	<i>UH Marine Center</i>	11/18/2020	c	d	d	a	d	d	d	a	a	a	10	

100%	Total
9.20952	Average Score

Attachment 3c.
2020 Tenant Stormwater Awareness Training Feedback

			Average Rating 4.60				Average Rating 4.49				
			1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors?	2. What were the strong points of this online training course that we should build upon for next year?	3. What were the weak points of this online training course that we should address for next year?	4. How effective were this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience?	5. Moving forward, if this training couldn't be held at a physical location, which platform (i.e., Oline, Virtual, Either one) would you prefer this annual training to be conducted in the future?	6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.			
Name	Company	Date	Rate	Comments	Comments	Comments	Rate	Comments	Option	Comments	Additional Comments
Ross Matsukawa	Aala Ship Service	8/17/2020	5				5		Online		
David Zeidler	AES Hawaii	8/14/2020	4		going each year really makes a difference, I've been going for five years	Not being able to ask questions and get immediate feedback	4		Either		
Samuel Tong	HPU	8/25/2020	4		Instituting correct BMPs and getting those in place		4		Online	Good YouTube Video, very informative and well done	
Michael MacDonald	American Marine	9/17/2020	5				5		Virtual		
Blake Brown	American Marine	9/1/2020	4		defining illicit discharges/spills		4		Online		
DC Carter	American Marine	8/26/2020	5		Clearly presented		5	Best we can do under covid19	Online		
David Griffith	American Marine	8/31/2020	3		Listing the references	Need more examples of good and bad practices	3	Too basic	Online	Speaker too monotone	
Zachary Dixon	American Marine	8/31/2020	4	Good points on what to look out for as a potential pollutant	BMP examples are helpful	Show results of storm runoff entering the water	4		Online	include more examples of storm drain inlet BMP	
Jonathan Satre	AML	9/25/2020	5		very clear	have in person	5		Either		
Glenn Jimbo	Signature Flight Support	9/29/2020	5		retain the same format		5		Online		
Tim McKeague	Atlantis Submarine Hawaii	8/14/2020	5				4		Online		
Marc Dexter	Hawaii Gas	11/10/2020	4	training was good, comprehensive	photos demonstrating content, such as illicit discharge	too much time spent on identifying exact regulations, too many technical terms. Most employees that watch this need simple, useful information, and may not understand technical terms	3	again, comprehensive but overly technical for the layperson to understand	Either	think through who your audience will be and make this fit for your purpose	
Phil Carper	BEI Hawaii	8/19/2020	4	straight forward easy to understand	boring, bring in a professional actor to spice it up some		4		Either		
Michael Watanabe	CCH	9/28/2020	4				4		Online		

Attachment 3c.
2020 Tenant Stormwater Awareness Training Feedback

			1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors?	2. What were the strong points of this online training course that we should build upon for next year?	3. What were the weak points of this online training course that we should address for next year?	4. How effective were this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience?	5. Moving forward, if this training couldn't be held at a physical location, which platform (i.e., Oline, Virtual, Either one) would you prefer this annual training to be conducted in the future?	6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
Steven Wong	CCH	9/28/2020	5				Online	
Randy Leong	CCH	9/30/2020	5		Narration well done and slides were clear	5	Virtual	
Kelly White	Container Storage Co of Hawaii	8/17/2020	5	appreciate that I can complete this when convenient for me	consequence of illicit discharge (travel to ocean)	5	Online	the initial link was not accurate might be better to send invite by email so you can just click the link
Tiffany Whitworth	Young Brothers	9/25/2020	5	good reminder of our responsibilities as harbors tenants	the refresher of consent decree and MS4 compliance	5	either	
Weston Yap	Fresh Island Fish	9/25/2020	4		good examples like molasses spill	4	Either	
Jay Dowsett	Friends of Hokuleia	8/18/2020	5	the participant controls the video allowing for review	presentation was concise and to the point	5	Online	online format allows participant flexibility of taking course conveniently in their own schedule
Todd Miyahara	Asphalt Hawaii	8/20/2020	5		the importance of keeping our waters clean	4	Online	
Josh Jenks	Asphalt Hawaii	8/19/2020	5		strong points were the BMPs	4	either	some parts in the video should be more explained other than that everything else was good
Jearrette Sauta	Asphalt Hawaii	8/18/2020	5	Most beneficial - training course talks briefly about the main importance of keeping the harbors clean and clear of any debris that may enter the water	the response to spills were strong and should build on the actual plan and task of the spill after it has occurred	4	online	
Dane Wurlitzer	Hawaiian Cement	8/14/2020	4	very convenient so more individuals can participate	convenient, good and bad pictures	5	Online	
David Gomes	Hawaiian Cement	8/19/2020	5	clear, concise and easy to understand	spill response training	5	Online	
Jim Gomes	Hawaiian Cement	9/2/2020	5			4	Either	

Attachment 3c.
2020 Tenant Stormwater Awareness Training Feedback

			1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors?		2. What were the strong points of this online training course that we should build upon for next year?	3. What were the weak points of this online training course that we should address for next year?	4. How effective were this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience?		5. Moving forward, if this training couldn't be held at a physical location, which platform (i.e., Oline, Virtual, Either one) would you prefer this annual training to be conducted in the future?		6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
Guy Fujiya	Hawaiian Cement	9/2/2020	4		going over what constitutes a violation	no pictures of examples of good practices	4		Online	should cover what people/companies are actually doing incorrect as well as incentive to address env concerns	
Ervin Hendrix	Hawaiian Cement	9/4/2020	4				4		Either		
Mario Marocco	Hawaiian Cement	9/11/2020	5		video was detailed and not too long	provide more examples of BMPs	5		either		
Herbert Nahinu	<i>Hawaii Pilots</i>	8/27/2020	5		making sure we always keep our oceans clean. Reduce reuse recycle	no weak points on this online training course. Very well put together and organized	5		Online	prefer online training in the future	
Eric Shimakukuro	HC&D	9/26/2020									
Noa Castro	HC&D	9/18/2020									
Tiffany Turnbull	HC&D	9/22/2020									
David Thompson	<i>Hawaii Pilots</i>	9/28/2020	5		Illustration of BMPs	Question 3 had two answers?	5		Online		
Rick Saunders	<i>HIS</i>	8/13/2020	5		good examples of what was discussed	everything presented in the slides were relevant ro what was discussed. No changes warranted	5				
Frank Roznerkski	<i>HIS</i>	8/13/2020	3	this training is mostly a repeat of previous material	you can do the training at your own pace and stop/review	No oppportunity for Q&A. Narrator too subdued	3		Virtual		hoping to get past the covid restrictions and back to in person training
Jerrick Aguilar	Inchcape Shipping Services	9/8/2020	5		Video was great		5		Online		
Christian Robinson	James Heumann	9/26/2020	5		Informative videos		5		Online		hope to join in person next year
Kyle Hirano	<i>Jas W Glover</i>	9/1/2020	5		Ability to start/stop the video. Ability to FF/RW the video	Not all questionnare items were in the video	5		Online		
Joshua Ibrao	Hawaiian Ice	8/13/2020									
Terry Aquino	Hawaiian Ice	8/13/2020	5		I liked the video because I could rewatch specific sections		5		Online		
Hideki Fukuzawa	JFC International	8/28/2020									
Ira Matsumura	JFC International	8/28/2020									

**Attachment 3c.
2020 Tenant Stormwater Awareness Training Feedback**

			1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors?		2. What were the strong points of this online training course that we should build upon for next year?	3. What were the weak points of this online training course that we should address for next year?	4. How effective were this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience?		5. Moving forward, if this training couldn't be held at a physical location, which platform (i.e., Oline, Virtual, Either one) would you prefer this annual training to be conducted in the future?		6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
Ellison Bonilla	JFC International	8/28/2020	5	It's good to know how pollution effects our waters, since Hawaii depends a lot on fish and ocean resources	cleaning up spills and leaks		5	It was very informative, especially the clean process	Either		
Tomoko Kaku	JFC International	8/28/2020									
James Pontin Jr.	Kirby Offshore Marine	9/16/2020	5	very informational	very catchy and informatinal with everything	no weak points that stood out	5		either		
Miyuki Cleary	Kirby Offshore Marine	9/16/2020	4	good review							
Nephi Ohai	Leo Ohai	9/6/2020		good reminder			5		Online		Training is clear simple and direct. We need reminders always - yearly is good
Steve Hinton	Marisco	9/22/2020	5		Great job adapting to the necessity for remote access to training material		5		Online		
Keahi Birch	Matson	9/23/2020	5	lots of relevant info provided	BMP examples section. Photos were helpful	none	5		Either		
Ethan Creps	Matson	9/10/2020	5		good video		5		Online		
Dustin Sharp	Matson	9/3/2020	5		informative video		5		Online		
Joseph Montanona	Matson	9/2/2020	5		Taking this course at my convenience	all good	5		Online		
Raymond Tavai	Matson	9/10/2020									
Brandon K.	Matson	9/5/2020	5		refresher and updates on new or revised regulations and codes		5		Either		being able to access and complete test online from home
Todd Bliss	Matson	9/9/2020			Keep concise and to the point	Maybe improved photo examples	4		Online		
Kendal Kawamura	Matson	9/11/2020	3	Very beneficial for initial/new tenants		some sections could be outlined instead of saying each definition, that could also be read from slide	4		Either		Clearer photos
Michael Shea	Matson	9/9/2020	3		not sure		3		Online		

Attachment 3c.
2020 Tenant Stormwater Awareness Training Feedback

			1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors?	2. What were the strong points of this online training course that we should build upon for next year?	3. What were the weak points of this online training course that we should address for next year?	4. How effective were this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience?	5. Moving forward, if this training couldn't be held at a physical location, which platform (i.e., Oline, Virtual, Either one) would you prefer this annual training to be conducted in the future?	6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.			
Stephen Sasaki	Matson	9/9/2020	4		examples of BMPs	develop a chart that depicts the organizations that regulate SW and the respective regulation. Might be easier to understand and remember (e.g., Fed to State to Local)	4		Other	in person is good to ask questions and interest	
Kam Chun	Matson	9/11/2020	4		Thourough coverage of materials presented	No real time engagement	4		Either		
Herbert Kauhane	Matson	9/2/2020	5		Show common BMPs		5		Online		
Bryan Asari	Matson	9/4/2020	4			more visual recognition of SWMP violations. Less info on construction requirements - they should be more reviewed at the time construction begins	4		Online		visually training of recognizing SWMP violations, show more pictures of good and bad examples and require audience to provide answers
Sosaia Taumoeofolau	Matson	9/24/2020	5		Illicit discharge	none	5		Online		more videos/pictures of examples of violations
Curtis Chee	MC&A	9/14/2020	5				5		Online		
Andrew Souza	McCabe	9/29/2020	5				5		Virtual		
Gabe Nelson	NRC	8/21/2020	5		the real-life examples detailing the BMPs were helpful		5		Online		This format is great
Shanyn Kauihou	PENCO	9/1/2020									
Kali ricardo	PENCO	8/31/2020									
Chadesy Luecke	PENCO	9/2/2020	5		BMPs and good housekeeping	more info/pictures on bad housekeeping/what's not acceptable	5		Either		
Chad Miller	Petrospect	8/20/2020	5		Links to resources of BMPs	wea re low risk, its good for us	5		Online		

**Attachment 3c.
2020 Tenant Stormwater Awareness Training Feedback**

			1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors?		2. What were the strong points of this online training course that we should build upon for next year?	3. What were the weak points of this online training course that we should address for next year?	4. How effective were this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience?		5. Moving forward, if this training couldn't be held at a physical location, which platform (i.e., Oline, Virtual, Either one) would you prefer this annual training to be conducted in the future?		6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
Rodney Yee	Pioneer Machinery	9/15/2020	2	too long, just need to know what is not compliant, or has not been compliant, or what changed in the last year	build one the chnages made by the tenant and state which corrcted existent problems. Also how the staste is addressing the problems with tenants	too much on regualtion, we all want to help, just let us know what is lacking	1	we don't know where other problems are we do know our own problems are and are working to correct them	Online		
Neil Kanemoto	POP Fishing and Marine	9/28/2020	4				4		Online		
Kevin Castillo	PSI	8/21/2020	5		Good powerpoint	Junk audio system	5		Either		
Deana Tupua	PSI	8/19/2020	5	Provide more pictures with more examples in the harbor	Contacts could be alittle more clear on what dep handles what issue	implement more actual pictures of our harbors team showing good BMP Practices	4		Online		
Freedom Dennis	Sause Bros	9/8/2020	4	good photos of tenant spaces and equivalent near waterfront	narration matched slide information. Good slides with green for BMPs and red for bad practices. Good overview of inspection process.	the overview was clear and effective. Be sure to add currwnt photos and questions each year	4		Online		Add waterfront buildings as a possible source of pollutoin: rusting rofs, leaking drain pipes
Matthew Tongg	Sause Bros	9/9/2020	4		many different pictures of real life scenarios		4		Either		
Blaine Gemenio	Sause Bro	8/20/2020	4		emphasis on why storm water management is necessary to comply with env laws and regs	more examples of good BMPs	3		Online		if not available on time, provide the presentation. It would be a good resource to refine in the future.
Raymod Siu	Pier 21 Lunchroom	8/24/2020	5				5		Online		
Edgar Ugate	ATG-CRD	9/25/2020	5		easy to follow, very informative	maybe include b-roll when talking about specific point	5		Online		
Kevin Nishioka	Attorney General	9/25/2020	5				5		Either		
Dean Uyehara	Hawaii Gas	9/28/2020	5		Liked the abaility to review the contents at my convenience	no weak points noted	5		Online		good refrsher, no improvements required
Jason Young	Roberts Hawaii	9/1/2020	5				5		Online		
Randal Iijima	Toell USA	9/1/2020	5						Online		

**Attachment 3c.
2020 Tenant Stormwater Awareness Training Feedback**

			1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors?		2. What were the strong points of this online training course that we should build upon for next year?	3. What were the weak points of this online training course that we should address for next year?	4. How effective were this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience?		5. Moving forward, if this training couldn't be held at a physical location, which platform (i.e., Oline, Virtual, Either one) would you prefer this annual training to be conducted in the future?		6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
Floyd Otani	United Fishing Agency	9/11/2020	4		continue to reinforce training from other classes		4				
Nelson Aberilla	United Fishing Agency	9/11/2020	5		emphasis on BMP and employee training to avoid being inspected prematurely. Preventative maintenance is key		3.5		Online		
Ferdinand Jose	US Customs and Borders	8/15/2020	5			no weak points	5		Either		
Kim Lu	Vak Fisheries	8/29/2020	5		very clear	no weak points	5		either		the video could be improved by speaking a little bit slower
Josephine La Madrid	Welch and Weeks	10/8/2020	5				5		Online		
Megan Rycraft	Young Brothers	9/25/2020	5		I coul dhave more personnel attend. I had all neighbor island ports attend.	I honestly can't think of one	5	I almost think it was better online. Easier to hear, fits my schedule	Either		Youtube video is great. Use it for onsite training in the future
Anthony Olivos	Penco	11/16/2020	5		how good maintenance to machinery and good housekeeping is important		5		Online		
Wesley Souza	PENCO	11/16/2020	5				5		Either		
Shayden Banaay	PENCO	11/16/2020	5				5		Either		
Stuart Harada	PENCO	11/16/2020	5				5		Either		
J Souza	PENCO	11/16/2020	5				5		Either		
William Manade	PENCO	11/16/2020	5		What should and should not be going into storm drain		5		Either		
Randolf Robalo	PENCO	11/16/2020	5		Being responsible	no weak points	5		Either		
Joshua Willing	PENCO	11/16/2020	5		Educated on how to be a good and clean tenant and what is and isnt allowed in our local and industrial runoffs		5		Online		
Barry Choy	PENCO	11/18/2020	4	I thought this was great training for me who is new to this	clear and to the point	perhaps in liu of listing various regulations number provide a sheet with links as a reference	4		Either		

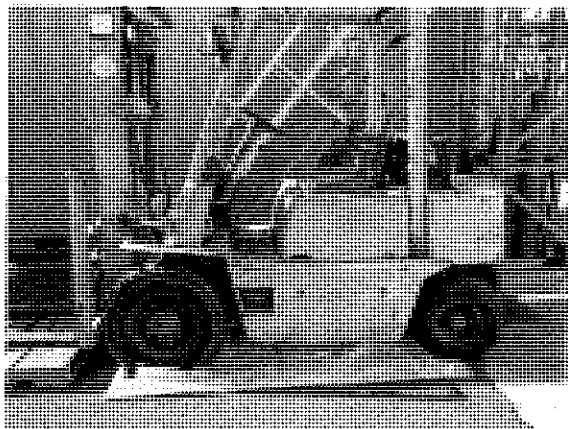


2020 HDOT Harbors Tenant Training Questionnaire



Name: Ross Matukawa Company: AalaShip Service Date: 8/17/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

3. What were the weak points of this online training course that we should address for next year?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Ross Matsumura Date: 8/17/20
Company: Aala Ship Service



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 8/17/20

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Ross Matsukawa	Aala Ship Service	Sales@aala ship .com	808 418 8733	RM
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TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

going each year really makes a difference
I've been going for 5 years.

3. What were the weak points of this online training course that we should address for next year?

one is, of course, asking questions and
getting immediate feedback

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: DAVID ZEIDLER Date: 8/14/2020
Company: AES HAWAII

"Mālama i ke awa kai" - Protect Our Harbor Waters



2020 HDOT Harbors Tenant Training Questionnaire



Name: David Zeidler Company: AES Hawaii Date: 8/14/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: August 14, 2020 Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	David Zeidler	AES	DAVID.ZEIDLER@AES.COM	808-9796236	DMZ
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HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Online Training Video Made Possible by HDOT Harbors Division

Date: _____

No.	Name	Company	E-mail Address	Phone #	Initials
1	Samuel A. Tong	HPU	stong@hpu.edu	808 236-3597	ST
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Samuel A. Tong Company: HPU Date: 8/25/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - b. False
9. The first step of spill response is to
 - a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
Instituting correct BMP's and getting those in place

3. What were the weak points of this online training course that we should address for next year?
Ø

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
Good YouTube video, very informative and well done.

Mahalo for providing us with your training feedback. See you next year!

Name: SAMUEL A. TONG Date: 8/25/20
Company: HPU

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 08/21/2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Kevin G. Matsukado	Hawaii Pacific University	kmatsukado@hpu.edu	808 544-1407	KM
2					
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Kevin G. Matsukado Company: Hawaii Pacific University Date: 08/21/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
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 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - b. False
9. The first step of spill response is to
 - a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
 How to conduct an spill exercise.

3. What were the weak points of this online training course that we should address for next year? N/A

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: Online Virtual Either platform is fine Others:

☐ Online

☐ Virtual

☒ Either platform is fine

☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Great training tool.

Mahalo for providing us with your training feedback. See you next year!

Name: Kevin G. Matsukado, AVP Facilities Date: 08/21/2020
Company: Hawaii Pacific Universtiy

"Mālama i ke awa kai" - Protect Our Harbor Waters

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
NONE

3. What were the weak points of this online training course that we should address for next year?
NONE

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☒ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
NONE

Mahalo for providing us with your training feedback. See you next year!

Name: MICHAEL MACDONALD Date: 9/17/2020
Company: AMERICAN MARINE

"Mālama i ke awa kai" - Protect Our Harbor Waters

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:
Good points on what to look out for as a potential pollutant
2. What were the strong points of this online training course that we should build upon for next year?
BMP examples are helpful
3. What were the weak points of this online training course that we should address for next year?
Show results of storm runoff entering the water
4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
include more examples of storm drain inlet BMP

Mahalo for providing us with your training feedback. See you next year!

Name: Zachary Dixon Date: 31 Aug 2020
Company: American Marine Corp

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 3 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

LISTING THE REFERENCES.

3. What were the weak points of this online training course that we should address for next year?

NEED MORE EXAMPLES OF GOOD + BAD PRACTICES.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 3 Provide additional comments you may have.

TO BASIC

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

SPEAKER IS MONOTONE.

Mahalo for providing us with your training feedback. See you next year!

Name: DAVID W. GRIFFITH Date: 31 AUGUST 2020
Company: ALLEGRO MARINE CORP.

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

CLEARLY PRESENTED

3. What were the weak points of this online training course that we should address for next year?

- NONE -

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

BEST WE CAN DO UNDER COVID-19.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: DC CARTER Date: 28 AUG 2020
Company: AMERICAN MARINE CORPORATION

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
defining illicit spills/discharges

3. What were the weak points of this online training course that we should address for next year?
n/a

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others:

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Blake Brown Date: 9/1/2020
Company: American Marine Corporation

"Mālama i ke awa kai" - Protect Our Harbor Waters



AMERICAN MARINE CORPORATION

HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 22 SEPT 2020

Online Training Video Made Possible by HDOT Harbors Division


No.	Name	Company	E-mail Address	Phone #	Initials
1	DC CARTER	AMERICAN MARINE CORP	DC@AMSG142.COM	808-479-3905	DC
2	Blake Brown	American Marine Corp.	bbrown@amarinecorp.com	808-330-7256	BB
3	DOUG FRASIER	AMC	DOUG@AMERICANCORP.COM	808-479-8509	DF
4	Sandra Meyers	AMC	sandra@amarinecorp.com	808-792-1164	SM
5	DAVID GRIFFITH	AMC	dugriffith@amarinecorp.com	808-792-1162	DG
6	Robert Kenyon	AMC	Kenyon@amarinecorp.com	951-634-9750	Ken
7	B EDWARDS	AMC	BEDWARDS@AMARINECORP.	808-222-2463	BE
8	Th. Loft	AMC	loft@amarinecorp.com	808-479-8517	Th
9	MICHAEL MACDONALD	AMC	MACC@AMARINECORP.COM	808-306-8423	Mac
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Michael McDermott Company: American Marine Date: 9/17/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - ☒ c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Zachary Dixon Company: American Marine Date: 31 Aug 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
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 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: DAVID GRIFFITH Company: AMERICAN MARINE CORP. Date: 21 AUGUST 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
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 - ☒ d. a or b
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 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: DC CARTER

Company:

AMERICAN
MARINE
CORPORATION

Date: 28 AUG 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
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 - c. Petroleum and paint drop
 - ☒ d. All of the above
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 - b. Call Harbors Environmental Hotline at (808) 587-1962
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 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
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 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - b. False
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 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False




Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Blake Brown Company: American Marine Corp. Date: 9/1/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
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 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Doug Frissen Company: AMC - HI Date: 23 Sept 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - ☒ a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
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 - c. Paint and oil
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 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - a. Assess the risk
 - b. Contain the spill
 - ☒ c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



AMERICAN MARINE CORPORATION

HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 22 SEPT 2020

Online Training Video Made Possible by HDOT Harbors Division


No.	Name	Company	E-mail Address	Phone #	Initials
1	DC CARTER	AMERICAN MARINE CORP	DC@AMSG142.COM	808-479-3905	DC
2	Blake Brown	American Marine Corp.	bbrown@amarinecorp.com	808-330-7256	BB
3	DOUG FRASIER	AMC	DOUG@AMERICANCORP.COM	808-479-8509	DF
4	Sandra Meyer	AMC	sandra@amarinecorp.com	808-792-1164	SM
5	DAVID GRIFFITH	AMC	dugriffith@amarinecorp.com	808-792-1162	DG
6	Robert Kenyon	AMC	Kenyon@amarinecorp.com	951-634-9750	Ken
7	B. EDWARDS	AMC	BEDWARDS@AMARINECORP.	808-222-2463	BE
8	Th. Loft	AMC	loft@amarinecorp.com	808-479-8517	TL
9	MICHAEL MACDONALD	AMC	MACC@AMARINECORP.COM	808-306-8423	MM
10					
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16					
17					
18					



2020 HDOT Harbors Tenant Training Questionnaire



Name: Michael McDermott Company: American Marine Date: 9/17/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - ☒ c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Zachary Dixon Company: American Marine Date: 31 Aug 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
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 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
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 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: DAVID GRIFFITH Company: AMERICAN MARINE CORP. Date: 21 AUGUST 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
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8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire




Name: DC CARTER

Company:

AMERICAN
MARINE
CORPORATION

Date: 28 AUG 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
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 - c. Convert waste materials into new products
 - ☒ d. All of the above
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 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False


Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Blake Brown Company: American Marine Corp. Date: 9/1/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Doug Fussen Company: AMC - HI Date: 23 Sept 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - ☒ a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - a. Assess the risk
 - b. Contain the spill
 - ☒ c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
NONE

3. What were the weak points of this online training course that we should address for next year?
NONE

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☒ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
NONE

Mahalo for providing us with your training feedback. See you next year!

Name: MICHAEL MACDONALD
Company: AMERICAN MARINE

Date: 9/17/2020

"Mālama i ke awa kai" - Protect Our Harbor Waters

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:
Good points on what to look out for as a potential pollutant
2. What were the strong points of this online training course that we should build upon for next year?
BMP examples are helpful
3. What were the weak points of this online training course that we should address for next year?
Show results of storm runoff entering the water
4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.
5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others:
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
include more examples of storm drain inlet BMP

Mahalo for providing us with your training feedback. See you next year!

Name: Zachary Dixon Date: 31 Aug 2020
Company: American Marine Corp

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 3 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

LISTING THE REFERENCES.

3. What were the weak points of this online training course that we should address for next year?

NEED MORE EXAMPLES OF GOOD + BAD PRACTICES.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 3 Provide additional comments you may have.

TO BASIC

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

SPEAKER IS MONOTONE.

Mahalo for providing us with your training feedback. See you next year!

Name: DAVID W. GRIFFITH Date: 31 AUGUST 2020
Company: ALLEGION MARINE CORP.

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

CLEARLY PRESENTED

3. What were the weak points of this online training course that we should address for next year?

- NONE -

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

BEST WE CAN DO UNDER COVID-19.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: DC CARTER Date: 28 AUG 2020
Company: AMERICAN MARINE CORPORATION

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
defining illicit spills/discharges

3. What were the weak points of this online training course that we should address for next year?
n/a

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others:

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Blake Brown Date: 9/1/2020
Company: American Marine Corporation

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date:

9-25-2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Jonathan Satre	AML	Jsatre@Lynden.com	808-748-7890	JS
2					
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16					
17					
18					



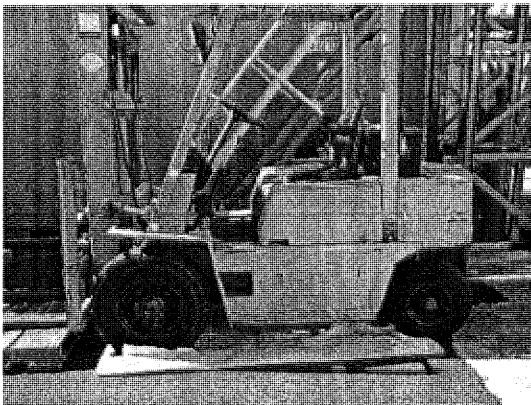
"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: Jonathan Satou Company: AML Date: 9-25-2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
Very clear

3. What were the weak points of this online training course that we should address for next year?
have in person

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Jon Suter Date: 9-25-2020
Company: AML

"Mālama i ke awa kai" - Protect Our Harbor Waters



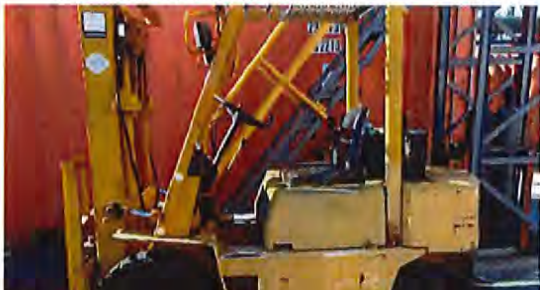
2020 HDOT Harbors Tenant Training Questionnaire



Name: Glenn Jinbo

Signature Flight Support
Company: _____

Date: 09.29.2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - ☒ c. Petroleum and paint drop
 - d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - ☒ c. Do not care
 - d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - ☒ c. Paint and oil
 - d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - ☒ c. Keep trash bins closed when not in use
 - d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 09.29.2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Glenn Jinbo	Signature Flight Support	glenn.jinbo@signatureflight.com	808-630-0572	J.
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"Mālama i ke awa kai" Protect our harbor waters

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaehoa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year? Retain the same format.

3. What were the weak points of this online training course that we should address for next year? Nil

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Glenn Jinbo Date: 09.29.2020
Company: Signature Flight Support

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 14 Aug 2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Tim McKeague	Atlantis Submarines Hawaii	tmckeague@atlantisadventures.com	808 551-8449	TM
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Tim McKee Company: Atlantis Submarine Date: 14 Aug 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

3. What were the weak points of this online training course that we should address for next year?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Tim McKeague Date: 14 Aug 2020
Company: Atlantic Submarines Hawaii

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 8/19/2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Phil Carper	BEI Hawaii	pcarper@beihawaii.com	535-6025	PC
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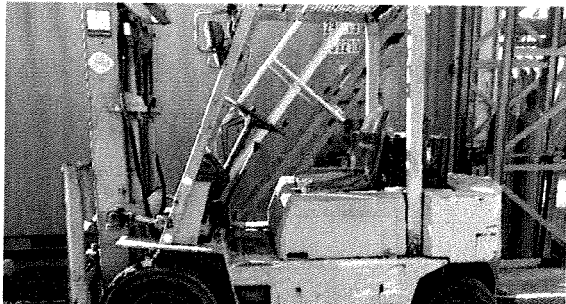


"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: Phil Carper Company: BEI Hawaii Date: 8/19/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
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 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
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 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
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 - c. Convert waste materials into new products
 - ☒ d. All of the above
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 - c. Paint and oil
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 - b. False
 9. The first step of spill response is to
 - a. Assess the risk
 - ☒ b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaehoa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
Straight forward and easy to understand

3. What were the weak points of this online training course that we should address for next year?
Boring - bring in a professional actor to spice it up a little.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Phil Carper Date: 8/19/2020
Company: BEI Hawaii

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____

Online Training Video Made Possible by HDOT Harbors Division

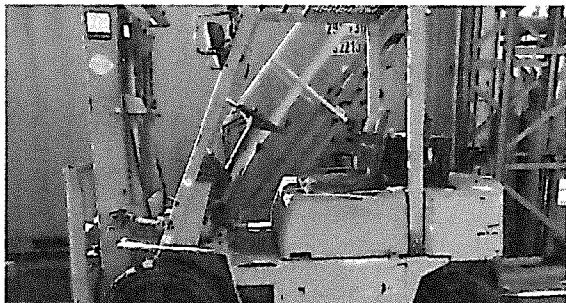
No.	Name	Company	E-mail Address	Phone #	Initials
1	Michael Watanabe	City & County of Honolulu	MWatanabe2@honolulu.gov	768-2538	MW
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Michael Watanabe Company: City & County of Honolulu Date: 9/28/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - ☒ b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

3. What were the weak points of this online training course that we should address for next year?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Michael Watanabe Date: 9/28/20
Company: City & County of Honolulu

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	STEVEN WONG	CIC OF HONOLULU	swong1@hawaii.gov	168-2550	SW
2		DEPT. OF CUSTOMER SERVICES			
3		MOTOR VEHICLE CONTROL			
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2020 HDOT Harbors Tenant Training Questionnaire



Name: STEVEN WONG Company: CSC of Honolulu Date: 09/28/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

3. What were the weak points of this online training course that we should address for next year?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. _____ Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: STEVEN WONG Date: 09/28/2020
Company: GRC OF HONOLULU

"Mālama i ke awa kai" - Protect Our Harbor Waters



2020 HDOT Harbors Tenant Training Questionnaire



Name: RANDY M. LEONG Company: City & County of Honolulu - CSD Date: 9/30/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - ☒ b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

Narration was well done and slides were clear.

3. What were the weak points of this online training course that we should address for next year?

None

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☒ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Randy Leong

Date: 9/30/2020

Company: City & County
Honolulu, CSD

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 9/30/2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Randy Leary	City/County Honolulu - CSD	rleary@honolulu.gov	768-3391	RL
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HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 8.17.2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Kelly White	Container Storage	Kelly@CS-IO.com	841-5555	KW
2		Company of Hawaii			
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Kelly White Company: Container Storage Company of Hawaii Date: 8-17-2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - ☒ c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

appreciate that I was able to complete
at a time that was convenient to me.

2. What were the strong points of this online training course that we should build upon for next year?

Consequence of initial discharge
(travel to ocean)

3. What were the weak points of this online training course that we should address for next year?

the voice of the narrator was a little
dry / monotonous.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

the initial link was not accurate
might be better to send invite by email
so you can just click the link

Mahalo for providing us with your training feedback. See you next year!

Name: Kelly White Date: 8-17-2020
Company: Container Storage Company of Hawaii



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: September 25, 2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Tiffanie Whitworth	Young Brothers, LLC	tiff@htbyb.com	808-927-4729	TMW
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Tiffanie Whitworth

Company: Young Brothers, LLC

Date: 9/25/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:
This is a good reminder of our responsibilities as Harbors tenants

2. What were the strong points of this online training course that we should build upon for next year?
The refresher of the consent decree and MS-4 compliance

3. What were the weak points of this online training course that we should address for next year?
None

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.
The online training was very convenient to attend and could be done on users time instead of a set training slot

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☒ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
None

Mahalo for providing us with your training feedback. See you next year!

Name: Tiffanie Whitworth Date: 9/25/20
Company: Young Brothers, LLC

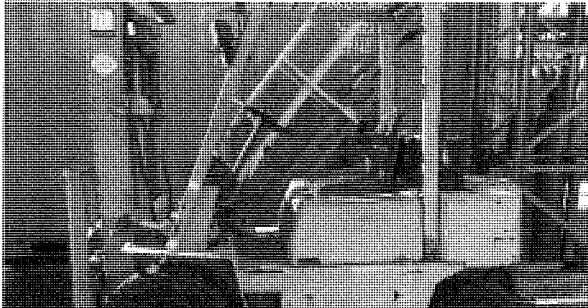
"Mālama i ke awa kai" - Protect Our Harbor Waters



2020 HDOT Harbors Tenant Training Questionnaire



Name: Western Yap Company: Fresh Island Fish Co., Inc. Date: 9/26/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 9/26/2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Weston Yap	Fresh Island Fish Co., Inc.	weston@freshislandfish.com	808-831-4911	WY
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TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

I like actual examples, like the molassee spill in 2013.

3. What were the weak points of this online training course that we should address for next year?

It's good to meet in person, but I understand we cannot

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Werton Yap
Company: Fresh Island Fish Co., Inc.

Date: 09/26/20



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Jay Dawsett	Friends at Hokuia & Hanalei	dawsettj001@hawaii.rr.com	256-1841	J
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Jan Dowsett Company: FHH Date: 8-18-2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - ☒ c. Petroleum and paint drop
 - d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - ☒ c. Keep trash bins closed when not in use
 - d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

The participant controls the video allowing for review

2. What were the strong points of this online training course that we should build upon for next year?

Thought the presentation was concise & to the point

3. What were the weak points of this online training course that we should address for next year?

Nothing leapt out at me, so stay the course.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

Pause & rewind to review a topic very helpful

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Utilizing the Online format allows the participant the flexibility of taking the course at a more opportune time without cutting into ones work schedule.

Mahalo for providing us with your training feedback. See you next year!

Name: Friends of Hukuleia Hawai'i Iloa

Date: 8-18-2020

Company: Jay Dawsett

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Jeannette M.F. Sauter	GLP Asphalt Hawaii	jsauter@asphalthawaii.com	693-8760	JS
2	Todd Miyahara	GLP Asphalt	TMiyahara@asphaltHawaii.com	479-5670	TM
3	Sash Jones	GLP Asphalt Hawaii	sjones@asphaltHawaii.com	200-8088	SJ
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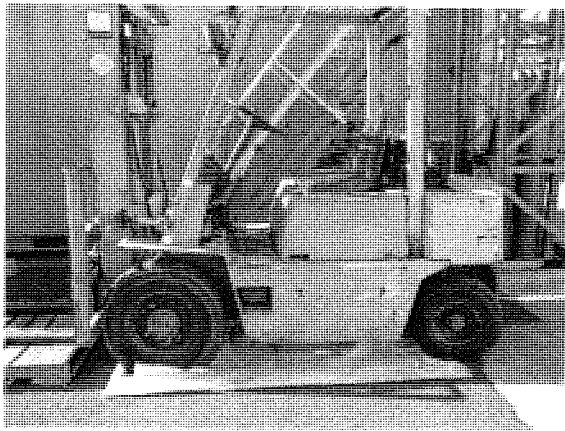
"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: Todd Miyahara Company: Asphalt Hawaii Date: 8-20-20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
The importance of keeping our water clean

3. What were the weak points of this online training course that we should address for next year?
Unable to hear what other companies have to say or suggest

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Todd Miyahara Date: 8-20-20
Company: Asphalt Hawaii

"Mālama i ke awa kai" - Protect Our Harbor Waters

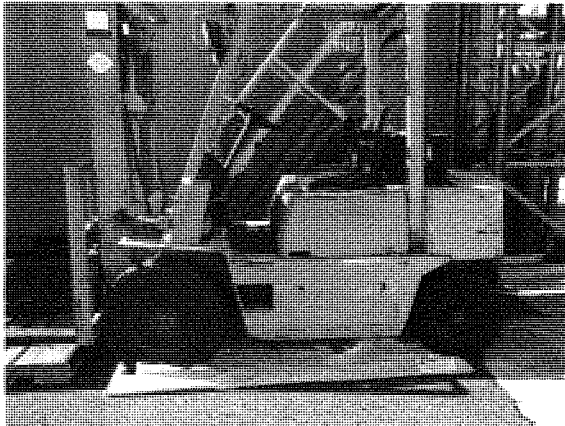


2020 HDOT Harbors Tenant Training Questionnaire



Name: Sosh Jenkins Company: GLP Asphalt Hawaii Date: 8/19/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaehoa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
The strong points for this training to be
are the BMP's.
3. What were the weak points of this online training course that we should address for next year?
Weak points needs to explain more and give more
detail on the online training course.
4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments if you like.

5. Moving forward, which platform would you prefer this annual training to be conducted in the future, if this training couldn't be held at a physical location?
Please make your selection below. ☐ Online ☐ Virtual ☒ Either platform is fine
☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
Some parts in video should be more explained other
than that everything else was good.

Mahalo for providing us with your training feedback. See you next year!

Name: Sosh Jenkins Date: 8/19/20
Company: GLP Asphalt Hawaii



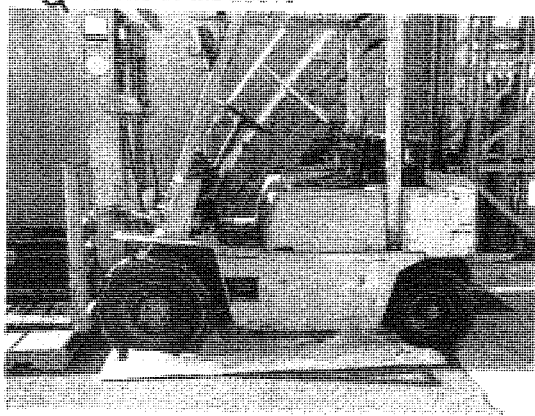
"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: Jearrette M.F. Sauta Company: GLP Asphalt Hawaii Date: August 18, 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - ☐ d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. _____ Additional comments on the overall training course:

5 Most Beneficial - Training course talks briefly about the main importance of keeping the harbors clean and clear of any debris that may enter our waters.

2. What were the strong points of this online training course that we should build upon for next year?

The response to spills were strong and should build on the actual plan & task of the spill after it has occurred.

3. What were the weak points of this online training course that we should address for next year?

The examples of good & bad BMPs. Maybe explanation of each one individually.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. _____ Provide additional comments you may have.

4. Effective enough to know what the idea is of keeping our waters clean & business locations clean as well.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Jearrette M.F. Sautu
Company: Asphalt Hawaii GLP

Date: 8/18/2020



2020 HDOT Harbors Tenant Training Questionnaire



Name: DANE WURLITZER Company: HAWAIIAN CEMENT Date: 8-14-20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:
VERY CONVENIENT SO MORE INDIVIDUALS CAN PARTICIPATE
2. What were the strong points of this online training course that we should build upon for next year?
CONVENIENCE
GOOD AND BAD PICTURES
3. What were the weak points of this online training course that we should address for next year?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: DANE WURLITZER Date: 8-14-20
Company: HAWAIIAN CEMENT



2020 HDOT Harbors Tenant Training Questionnaire



Name: David Gomes Company: Hawaiian Cement Date: 8/19/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:
clear, concise and easy to understand presentation.
2. What were the strong points of this online training course that we should build upon for next year?
Spill Response training
3. What were the weak points of this online training course that we should address for next year?
N/A
4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.
5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: David Gomes Date: 8/19/20
Company: Hawaiian Cement - Maui

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 8-19-20

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	David Gomes	Hawaiian Cement - Maui	dave.gomes@hawaiiancement.com	870 2949	DG
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HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____ Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Jim Gomes	HAWAIIAN CEMENT	jim.gomes@hawaiiancement.com	808-284-7476	ly
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"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: Jim Jones Company: Honolulu Cement Date: 9-2-20

1. What is the definition of an illicit discharge?
a. Condensate from AC system
b. Rain water runoff
☒ c. A non-stormwater discharge that poses a risk to the environment
d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
a. Equipment washing water
b. Fish entrails and spilled chemicals
c. Petroleum and paint drop
☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
b. Call Harbors Environmental Hotline at (808) 587-1962
c. Do not care
☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
b. This equipment is stored outdoors
c. They are stored under cover.
d. None of the above
5. You can help with maintaining good sustainable environment by
a. Use fewer resources in the first place
b. Use materials more than once instead of discarding
c. Convert waste materials into new products
☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
a. Metals (zinc, iron, aluminum)
b. Sediment
c. Paint and oil
☒ d. All of the above
7. Which of the following are good examples of BMPs?
a. Maintain equipment regularly
b. Promptly respond to a spill or leak
☒ c. Keep trash bins closed when not in use
☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
☒ a. True
b. False
9. The first step of spill response is to
☒ a. Assess the risk
b. Contain the spill
c. Stop the Source
d. Clean up
e. None of my business
10. An environmental violation may lead to criminal penalties.
☒ a. True
b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

good reminder - well presented via video

2. What were the strong points of this online training course that we should build upon for next year?

good

3. What were the weak points of this online training course that we should address for next year?

- none

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

→ see good.

Mahalo for providing us with your training feedback. See you next year!

Name: Tim Gans Date: 9-2-20
Company: Honolulu Cement

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	GUY FUJITA	HAWAIIAN CEMENT	GUY.FUJITA@HAWAIIANCEMENT.COM	306-8861	GF
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"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: GUY FUJITA Company: HAWAIIAN CEMENT Date: 9-2-2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
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9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

GOING OVER WHAT CONSTITUTES A VIOLATION

3. What were the weak points of this online training course that we should address for next year?

NO PICTURES OF ACTUAL GOOD PRACTICES COMPANIES ARE USING TO PROTECT THE ENVIRONMENT

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

SHOULD COVER WHAT PEOPLE/COMPANIES ARE ACTUALLY DOING INCORRECT AS WELL AS INVENTIVE WAYS THEY CAME UP WITH TO BEST ADDRESS ENVIRONMENTAL CONCERNS

Mahalo for providing us with your training feedback. See you next year!

Name: GUY FUJITA

Date: 9-2-2020

Company: HAWAIIAN CEMENT



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 9/4/2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	ERVIN HENDRIX III	HAWAIIAN CEMENT	ervin.hendrix@hawaiiancement.com	808 347 5868	EH
2					
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"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: ERVIN HENDRIX III Company: HAWAIIAN CEMENT Date: SEPT. 04, 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
N/A

3. What were the weak points of this online training course that we should address for next year?
N/A

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
N/A

Mahalo for providing us with your training feedback. See you next year!

Name: ERWIN HENDERIX III Date: SEPT 4, 2020
Company: HAWAIIAN CONCRETE

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	MARIO MAROCCO	Hawaiian Cement	MARIO.MAROCCO@HAWAIIANCEMENT.COM	808-960-7895	MM
2					
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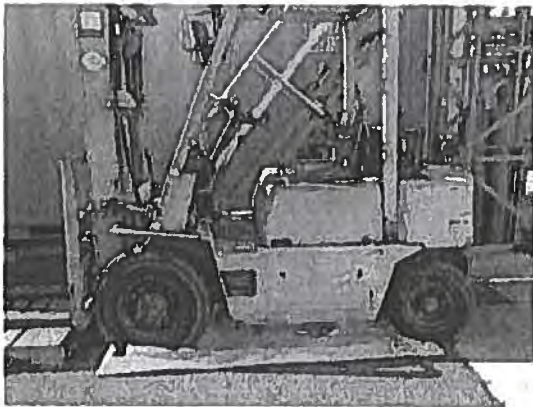
"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: MARIO MAROCCO Company: HAWAIIAN CEMENT Date: 9-11-20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

The youtube video was detailed and not unnecessarily long

3. What were the weak points of this online training course that we should address for next year?

Provide more examples of BMP's, like witch's hat?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: MARIO MAROCCO Date: 9-11-20
Company: HAWAIIAN CEMENT

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 8-27-20

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	HERBERT NAHINU			532-1233	HN
2		HAWAII PILOTS ASSN			
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Herbert Company: Hawaii Pilots Date: 8-27-20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - ☒ c. Convert waste materials into new products
 - d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaehoa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. _____ Additional comments on the overall training course:

5

2. What were the strong points of this online training course that we should build upon for next year?

Making sure we always keep our Oceans and Environment clean.
Reduce, reuse, recycle.

3. What were the weak points of this online training course that we should address for next year?

No weak points on this online training course. Very well put together and organized.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. _____ Provide additional comments you may have.

5

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Prefer Online training in the future.

Mahalo for providing us with your training feedback. See you next year!

Name: Herbert Mahini

Date: 8.27.20

Company: Hawaii, PILOTS ASSN.

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 9/26/2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	ERIC SHIMABUKURO	HC&D LLC	eric.shimabukuro@hcdhawaii.com	(808) 832-9253	ES
2	NOA CASTRO	HC&D LLC	noa@hcdhawaii.com		
3			NOA.CASTRO@HCDHAWAII.COM	808-832-9249	
4	Tiffany Turnbull	HC&D, LLC	tiffany.turnbull@hcdhawaii.com	808-266-2686	TT
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2020 HDOT Harbors Tenant Training Questionnaire



Name: ERIC SHIMABUKU Company: HCAD LLC Date: 9/26/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Noa Castro Company: HC&D, LLC Date: 9/18/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



2020 HDOT Harbors Tenant Training Questionnaire



Name: Tiffany Turnbull Company: HC&D, LLC Date: 9/22/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
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 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:



"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name: DAVID THOMPSON Company: HPA (PILOTS) Date: 9-28-20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - ☒ a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b Both a and b.
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

Illustration of BMP's

3. What were the weak points of this online training course that we should address for next year?

Question 3 had 2 correct answers?

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: DAVID THOMPSON Date: 10-28-20
Company: HAWAII PILOTS

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 10-28-20

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	D. THOMPSON	HAWAII PILOTS	hipilot23@gmail.com	808 291-3247	<i>[Signature]</i>
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HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 13 Aug 2020

Online Training Video Made Possible by HDOT Harbors Division


No.	Name	Company	E-mail Address	Phone #	Initials
1	Rick Saunders	Hawaii Stevedores, Inc.	Rsaunders@hawaii-stevedores.com	808-554-1824	RS
2	FRANK ROZVERSKI	HAWAII STEVEDORES, INC.	FROZVERSKI@HAWAII-STEVEDORES.COM	808-842-5389	FR
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Rick Saunders Company: Hawaii Stevedores Date: 13 May 2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
- 
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
 7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
 8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
 9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
 10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False

Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
Good examples of what was discussed.

3. What were the weak points of this online training course that we should address for next year?
Everything presented in the slides were relevant so what was discussed. No changes warranted.

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☐ Virtual ☒ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Rick Saunders Date: 13 Aug 2020
Company: Hawaii Stevedores, Inc.



2020 HDOT Harbors Tenant Training Questionnaire



Name: FRANK ROZNERSKI Company: HAWAII STEVEDORES Date: 8.13.20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 3 Additional comments on the overall training course:
THIS TRAINING IS MOSTLY A REPEAT OF PREVIOUS MATERIAL.
2. What were the strong points of this online training course that we should build upon for next year?
YOU CAN PROCEED AT YOUR OWN PACE, STOP OR GO BACK TO REVIEW
3. What were the weak points of this online training course that we should address for next year?
NO OPPORTUNITY FOR Q&A
THE NARRATOR TONE WAS TOO SUBDUED
4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 3 Provide additional comments you may have.
5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☐ Online ☒ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
HOPING TO GET PAST THE COVID RESTRICTIONS AND BACK TO LIVE IN PERSON TYPE TRAINING.

Mahalo for providing us with your training feedback. See you next year!

Name: FRANK ROZNERSKI Date: 8.13.20
Company: HAWAII STEVEDORES, INC.



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date:09/08/2020 _____

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Jerrick Aguilar	Inchcape Shipping Services - ONE	Jerrick.aguilar@iss-shipping.com	808-521-2111	JA
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2020 HDOT Harbors Tenant Training Questionnaire

Name:

Jerrick Aguilar

Company:

Inchcape Shipping
Services - ONE

Date:

09/08/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☐ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
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 - c. Paint and oil
 - ☒ d. All of the above
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 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - a. True
 - ☒ b. False
9. The first step of spill response is to
 - a. Assess the risk
 - ☒ b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - a. True
 - ☒ b. False



Please

TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?

Video was great!

3. What were the weak points of this online training course that we should address for next year?

None

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____

6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

None

Mahalo for providing us with your training feedback. See you next year!

Name: JerrickAguilar Date: 09/08/2020

Company: InchcapeShippingServices-ONE



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 9/26/2020

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Christian Robinson	Wind & Sea Charters	info@sb.systems	808-256-9554	C R
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Christian Robinson Company: Wind & Sea Charters Date: 9/26/2020

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - ☒ b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
Informative Videos

3. What were the weak points of this online training course that we should address for next year?
N/A

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.
hope to join in person next year!

Mahalo for providing us with your training feedback. See you next year!

Name: Christian Robinson Date: 9/26/2020
Company: Wind & Sea Charters

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: 9/1/20

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	Kyle Hirono	Das W. Glover, LLC	kyleh@gloverllc.com	690-1170	KH
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2020 HDOT Harbors Tenant Training Questionnaire



Name: Kyle Hirano Company: Jas. W. Glover, LLC Date: 9/1/20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - ☒ c. Petroleum and paint drop
 - ☒ d. All of the above
3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
4. The picture below is a good example of Best Management Practice (BMP) because:
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 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
 - b. Sediment
 - c. Paint and oil
 - ☒ d. All of the above
7. Which of the following are good examples of BMPs?
 - a. Maintain equipment regularly
 - b. Promptly respond to a spill or leak
 - c. Keep trash bins closed when not in use
 - ☒ d. All of the above
8. Equipping storm drain inlet in or adjacent to maintenance area with Witch's hat is considered a good BMP.
 - ☒ a. True
 - b. False
9. The first step of spill response is to
 - ☒ a. Assess the risk
 - b. Contain the spill
 - c. Stop the Source
 - d. Clean up
 - e. None of my business
10. An environmental violation may lead to criminal penalties.
 - ☒ a. True
 - b. False



Please provide your comments here:

TRAINING EVALUATION & FEEDBACK FORM

2020 Annual HDOT Harbors Tenant Storm Water Training

Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaheo Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:

2. What were the strong points of this online training course that we should build upon for next year?
ABILITY TO START/STOP THE VIDEO, ABILITY TO FF/RR THE VIDEO.

3. What were the weak points of this online training course that we should address for next year?
NOT ALL QUESTIONNAIRE ITEMS WERE IN THE VIDEO

4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

5. Moving forward, if this training couldn't be held at a physical location, which platform would you prefer this annual training to be conducted in the future? Please make your selection: ☒ Online ☐ Virtual ☐ Either platform is fine ☐ Others: _____
6. Please provide additional comments to elaborate any other concern you have & how we can improve next year.

Mahalo for providing us with your training feedback. See you next year!

Name: Kyle Hirano Date: 9/1/20
Company: Jas. W. Glover, Ltd.

"Mālama i ke awa kai" - Protect Our Harbor Waters



HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-in Sheet



Date: _____

Online Training Video Made Possible by HDOT Harbors Division

No.	Name	Company	E-mail Address	Phone #	Initials
1	JOSHUA Ibrao	Hawaiian Ice Company	JOSHUA@HAWAIIICE.COM	(800) 255-2921	Ji
2	TERRY N. AQUINO	Hawaiian Ice Company	terry@hawaiiice.com	(808) 538-6988	TA
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TRAINING EVALUATION & FEEDBACK FORM
2020 Annual HDOT Harbors Tenant Storm Water Training
Online Video at YouTube

1. Was this online training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 5 Additional comments on the overall training course:
I liked this youtube video because I could rewatch specific sections.
2. What were the strong points of this online training course that we should build upon for next year?

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4. How effective was this online training in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 5 Provide additional comments you may have.

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Name: _____

Date: _____

Company: _____

"Mālama i ke awa kai" - Protect Our Harbor Waters



"Mālama i ke awa kai" - Protect Our Harbor Waters

2020 HDOT Harbors Tenant Training Questionnaire



Name:

JOSHUA IBRAO

Company:

HAWAIIAN ICE CO.

Date:

8.13.20

1. What is the definition of an illicit discharge?
 - a. Condensate from AC system
 - b. Rain water runoff
 - ☒ c. A non-stormwater discharge that poses a risk to the environment
 - d. None of the above
 2. Which of the following are not permitted to be discharged into the storm drain?
 - a. Equipment washing water
 - b. Fish entrails and spilled chemicals
 - c. Petroleum and paint drop
 - ☒ d. All of the above
 3. What should you do when a suspected illicit discharge is observed at or around your facility?
 - a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076
 - b. Call Harbors Environmental Hotline at (808) 587-1962
 - c. Do not care
 - ☒ d. a or b
 4. The picture below is a good example of Best Management Practice (BMP) because:
 - ☒ a. Absorbent material is placed under oil-containing equipment and is not oversaturated.
 - b. This equipment is stored outdoors
 - c. They are stored under cover.
 - d. None of the above
-
5. You can help with maintaining good sustainable environment by
 - a. Use fewer resources in the first place
 - b. Use materials more than once instead of discarding
 - c. Convert waste materials into new products
 - ☒ d. All of the above
 6. Which of the following are considered Pollutants of Concerns?
 - a. Metals (zinc, iron, aluminum)
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Please provide your comments here: