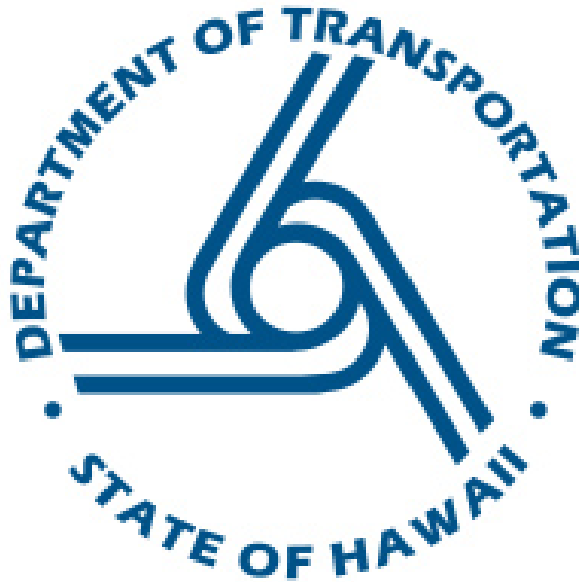


**Final**  
**Annual Compliance Report 2012**

**Kalaeloa Barber's Point Harbor, Hawaii**



**Prepared for**

**Hawaii Department of Transportation  
Harbors Division**

**Prepared by  
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**January 2013**



*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*



Signature

1/28/13

Date

Authorized Representative of Harbors Division

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## LIST OF ACRONYMS AND ABBREVIATIONS

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ACR	Annual Compliance Report
BMP	Best Management Practice
C&C Honolulu	City and County of Honolulu
CFR	Code of Federal Regulations
CSRPC	Construction Site Runoff Control Program
CWB	Clean Water Branch
dba	Doing Business As
EMS	Environmental Management System
HAR	Hawaii Administrative Rules
HAR-EE	Harbors Division Engineering Environmental Section
HAR-OE	Harbors Division Oahu District Enforcement
HDOH	Hawaii Department of Health
HDOT	Hawaii Department of Transportation
HRS	Hawaii Revised Statutes
IDDE	Illicit Discharge Detection and Elimination
KBPH	Kalaeloa Barber's Point Harbor
LIDS	Low Impact Development Standard
MEP	Maximum Extent Practicable
MS4	Municipal Separate Storm Sewer System
NA	Not Applicable
NGPC	Notice of General Permit Coverage
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NSWD	Non-Stormwater Discharge
ORI	Outfall Reconnaissance Inventory
SHOT	Stormwater Hotline Occurrence Tracking
SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan
TBD	To Be Determined
TEMY	Tenant Environmental Manager of the Year
TIEM	Tenant Inspection and Enforcement Manual
TIEP	Tenant Inspection and Enforcement Plan
TMK	Tax Map Key
TRP	Tenant Revocable Permit
TSI	Tenant Self-Inspection
USEPA	U.S. Environmental Protection Agency

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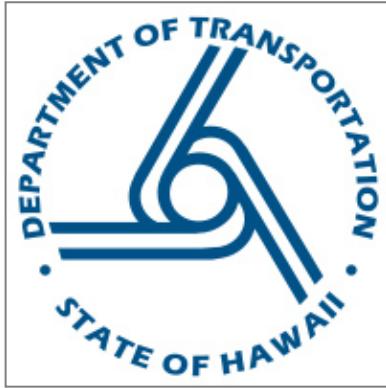
## **LIST OF ACRONYMS AND ABBREVIATIONS (CONT.)**

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WESTON	Weston Solutions, Inc.
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## 1.0 INTRODUCTION

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The Hawaii Department of Transportation (HDOT) Harbors Division (referred to in this document as “Harbors Division”) has developed this Annual Compliance Report (ACR) for the Hawaii Department of Health (HDOH) in accordance with its Notice of General Permit Coverage (NGPC), permit number HI03KB488. The ACR details activities conducted by Harbors Division to comply with the requirements of its permit and to keep a record of progress toward annual goals.

The ACR follows the format and organization of the Storm Water Management Plan (SWMP) to facilitate comparison between planned activities and activities that were accomplished. The

ACR describes efforts made by Harbors Division to implement the six minimum control measures established by the United States (US) Environmental Protection Agency (EPA) and as required by the Hawaii Administrative Rules (HAR) 11-55 Appendix K and the NGPC. This report identifies activities completed during calendar year 2012 and presents areas that will be addressed in calendar year 2013. The following is included in this ACR:

- ✓ Status of Compliance;
- ✓ Assessment of the SWMP minimum control measures:
  - Public outreach and education,
  - Public involvement/participation,
  - Illicit discharge detection and elimination,
  - Construction site runoff control,
  - Post-construction stormwater management in new development and redevelopment;
  - Pollution prevention/good housekeeping;
- ✓ Modifications to the SWMP;
- ✓ Summary of Planned Activities; and
- ✓ Modifications to the Small Municipal Separate Storm Sewer System (MS4).



### 1.1 APPLICABLE REGULATIONS

It is the intention of HDOT Harbors that this ACR demonstrates compliance with the following regulations listed in the NGPC:

- ✓ HAR, Chapter 11-55, Appendix K, National Pollutant Discharge Elimination System (NPDES) General Permit Authorizing Discharges of Stormwater and Certain Non-Stormwater Discharges from Small Municipal Separate Storm Sewer Systems;
- ✓ HAR, Chapter 11-55, Appendix A, HDOH, Standard General Permit Conditions; and

- ✓ HAR, Sections 11-55-34.04(a), 11-55-34.07, 11-55-34.11, 11-55-34.12, and other applicable Sections of HAR, Chapter 11-55.

## **1.2 STATUS OF COMPLIANCE**

HAR Chapter 11-55 Appendix K authorizes discharges of stormwater and certain non-stormwater discharges from small MS4s. Prior NGPC for the storm drain system was granted by HDOH on May 19, 2003. In a letter dated October 19, 2007 HDOH provided for an extension of the NGPC until a notice of renewed coverage under the applicable general permit is issued or until HDOH notification is received. This extension is in accordance with HAR, Chapter 11-55-34.09(d). The NGPC and extension can be found in Appendix A of this document.

## **1.3 SWMP PERFORMANCE EVALUATION**

A process for conducting an annual performance and effectiveness evaluation of the SWMP has been developed and included in this ACR. This evaluation addresses specific direct and indirect measurements in order to track the long-term progress of the SWMP towards achieving improvements in water quality.

The SWMP contains Best Management Practice (BMP) tables that outline activities that are either occurring or will be implemented in the future to ensure each of the minimum control measures are being implemented. Each BMP task is assigned a specific evaluation indicator, milestone, time frame/due date, and responsible party. The ACR is structured such that each section and BMP table corresponds with those in the SWMP. This allows the ACR to be used as an evaluation tool, addressing conformance with established performance standards, quantitative monitoring, and detailed accounting of SWMP accomplishments.

As trends are detected and the usefulness of specific BMPs or their evaluation indicators become apparent, the SWMP will be modified to ensure the program is more effective in minimizing discharge of potential pollutants and consequently, protective receiving state waters.

Harbors Division has committed resources to executing programs described in the 2009 SWMP, and will continue each year to implement new initiatives based on available budget and resources. All ongoing and new activities will be reported in the ACRs.



## 2.0 PUBLIC EDUCATION AND OUTREACH

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### Permit Requirements

*City and County of Honolulu Stormwater Stenciling, 2009*

*HAR, Chapter 11-55, Appendix K, Part 6(a)(1). Develop and implement a public education program to distribute educational materials to users of the small municipal separate storm sewer community or conduct equivalent outreach activities emphasizing each of the following:*

- (A) Impacts of stormwater discharges on water bodies,*
- (B) Hazards associated with illicit discharges, and*
- (C) Measures the users of the permittee's small municipal separate storm sewer system 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.*

### 2.1 TENANT EDUCATION AND OUTREACH

Harbors Division requires tenants to reduce to the maximum extent practicable (MEP) pollution in stormwater discharges and effectively prohibit unauthorized non-stormwater discharges into the MS4 through its tenant lease agreements and Tenant Revocable Permit (TRP), which are attached as Appendix B.

An inventory of tenants at Kalaheo Barber's Point Harbor (KBPH) is kept on file at Harbors Division Engineering Environmental Section (HAR-EE) and has been updated this year to include all current tenants. The tenant inventory identifies primary and alternate environmental contacts for each tenant. Personnel identified in the inventory are deemed responsible for implementation of stormwater protection measures and BMP requirements at their facility. Please see BMP Table 2-1. The tenant inventory can be found in Appendix C, and has been updated to reflect changes from 2012. There were no changes to the tenant inventory in 2012.

Harbors Division sends out an annual mailing to Small MS4 users in order to educate them on stormwater quality issues, and collect data on tenant operations for updating the database. The 2012 mailing was sent on September 7, 2012 and included:

- ✓ A cover letter from the Deputy Director of Harbors Division
  - Defined the regulatory background.
  - Invited all tenants to attend Tenant Stormwater Pollution Prevention Awareness Training.
- ✓ BMP Flyers

- “Vehicle and Equipment Fueling” Flier. The flier describes the potential of bulk petroleum products to pollute the ocean and the requirement of BMPs to prevent or reduce this discharge.
- “Solid and Hazardous Waste Management” Flier. The flier describes typical hazardous wastes generated during maintenance activities. These wastes cannot be disposed of as routine trash and must be properly disposed of according to all applicable federal and state laws. The flier also reminds tenants that the only hazardous materials allowed are those needed in the course of the tenant's business.

A copy of this mailing and its attachments can be found in Appendix D. Future tenant mailings will be updated with new BMP flyers based on findings from the recurring tenant facility inspections.

The Tenant Self-Inspection (TSI) form was discontinued this year. After an analysis of the program, it was determined that the recurring tenant facility inspections alone fulfill the purpose of the TSI. The TSI will be removed from future ACR submittals. Please see BMP Table 2-1.

On September 19, 2012, Harbors Division held annual tenant educational workshops entitled, “2012 Tenant Stormwater Pollution Prevention Awareness Training.” The agenda included background on applicable regulations, followed by Harbors General Permit requirements for Small MS4s, information on pollution prevention and good housekeeping, stormwater BMPS, notification of upcoming facility inspections, the structure of the Tenant Inspection and Enforcement Program (TIEP), emergency contact information, low-impact development standards (LIDS), what is considered an illicit discharge, and a question and answer session. A quiz consisting of six questions related to the presentation was administered following the presentation to gauge the effectiveness of the presentation and to ensure that attendees remained for the entire presentation. The presentation, tenant attendance record, and the completed quizzes are provided as Appendix E.

A statistical analysis of the quiz results was performed to gauge the effectiveness of outreach efforts and to determine which topics should be covered more in-depth in future trainings and in education mailings. Overall, the quiz showed that outreach efforts are being very effective. The results showed that 99% of attendees answered four or more out of six of the questions correctly; 79% answered five or more out of six questions correctly; and 47% answered six out of six questions correctly. The question with the lowest number of correct answers was question 3, which related to what is considered a pollutant. Tenants typically chose a more conservative answer for this question which included such things as firefighting water. Further efforts will be made to educate tenants on this topic in 2013. Feedback on the amount of information was solicited during the quiz: 81% of attendees felt that they had learned a lot; 9.5% of tenants wish there was more information; and 6.3% felt that they already knew the material. The statistical analysis of the combined quiz results for both Honolulu Harbor and KBPH are summarized in Table 2-1.

**Table 2-1 Statistical Summary of Quiz Results**

Question	Answered Correctly
1. How do you play a valuable role in protecting our State's ecosystem?	100%
2. What is an illicit discharge?	80%
3. What is the purpose of this annual training?	100%
4. Which of the following are considered pollutants in the Harbor's storm drain system?	66%
5. What should you do if a spill happens at your facility?	93%
6. Where can you find BMPs to fit activities at your facility?	86%
<b>Statistical Analysis</b>	
Average Score	88%
Results breakdown	
Answered 6/6 correctly	47%
Answered 5/6 correctly	32%
Answered 4/6 correctly	20%
Answered 3/6 correctly	1%
Answered 2/6 correctly	0%
Answered 1/6 correctly	0%
Answered 0/6 correctly	0%
<b>Feedback</b>	
Tenants that feel they learned a lot	81.1%
Tenants that wish there was a little more information	9.5%
Tenant that feel they already knew the presented material.	6.3%
Tenants that don't understand how this applies to them or their company.	0%

As a part of the tenant outreach program, the "Tenant Environmental Manager of the Year" award program continued for the second consecutive year in order to provide incentive for tenant environmental managers to create positive change within their organizations. Not only does it create positive reinforcement for the organization and individual receiving the award, it demonstrates to the remaining tenants that positive change is achievable and provides concrete examples of solutions that are realistic and affordable. The award is presented with a letter that is signed by the Governor of the State of Hawaii. This year, Mr. Stephen Hinton of Marisco, Ltd. received the award. A copy of the letter from the Governor and the award certificate is included in Appendix F.

Harbors Division has maintained a hotline for stormwater information and discharge reporting since October 22, 2009. Please see BMP Table 2-1. The hotline is reachable by dialing (808)-587-1962, a direct line to HAR-EE. Harbors Environmental Section maintains records of calls, follow-up inspection dates and findings, enforcement actions taken, and resolutions using the

HAR-EE Stormwater Hotline Occurrence Tracking (SHOT) Form. A blank copy of this form is included as Appendix G. SHOT form entries are compiled into a SHOT Database, which is kept at Harbors Division. Incidents recorded in the SHOT Database are included in Appendix H.

**BMP Table 2-1 Tenant Education and Outreach**

Goals: 1) Generate tenant awareness of stormwater pollution. 2) Engage tenant interest in preventing stormwater pollution. 3) Promote positive tenant behavior changes that reduce pollution or opportunities for pollution.					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Update mailing items as outreach and education problem areas are identified and recorded	Percentage of problem areas in education/ outreach addressed by updated materials	100% of identified problem areas updated	September 2012	Weston Solutions, Inc. (Weston)	100% of problem areas identified were addressed by two BMP fliers covering Vehicle and Equipment Fueling and Solid and Hazardous Waste Management.
	Percentage of tenants' feedback about the updates that are positive	At least 50% of feedback positive	Not Applicable (NA)	Harbors Environmental Section	81.1% of tenants attending the training felt that they had learned a lot.
Review TSI responses from tenants	Percentage of tenants responsive to the TSI Form	Greater than 90% of tenants	NA	Harbors Environmental Section	This program was replaced in 2012 by the inspection program.
Mail educational materials and reporting contacts to tenants	Number of educational materials distributed	100% of tenants received educational materials and reporting contacts	September 2012	Harbors Environmental Section	Given to tenants during training and inspections.
	Responses on TSI Form show improvement in stormwater awareness	Completeness of TSI forms increasing from previous year	Continuous	Harbors Environmental Section	This program was replaced in 2012. Stormwater awareness is now measured through facility inspection interviews.
Establish a reporting/ complaint tracking system to log response & enforcement activity	Create a hotline system for reporting violations and answering questions	Create and maintain one hotline number	Oct 22, 2009	Harbors Environmental Section	Hotline established

Goals: 1) Generate tenant awareness of stormwater pollution. 2) Engage tenant interest in preventing stormwater pollution. 3) Promote positive tenant behavior changes that reduce pollution or opportunities for pollution.					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
	Number of informational inquiries and reports received via hotline	Number of inquiries and reports increased from previous year	On-going	Harbors Environmental Section	The number of inquiries has increased from 2011.
	Number of hours to respond to complaint from time call is received	Respond to all reporting/complaints within 24 hours to minimize water quality impacts or recurrent dumping	On-going	Harbors Environmental Section	Harbors responds immediately upon receiving report.

## 2.2 GENERAL PUBLIC EDUCATION AND OUTREACH

Public education aims to create awareness and prompt behavioral changes. Equipped with information, the public will be less likely to contribute to water pollution as they will be able to make informed choices. Educating the public with this knowledge and contact information for appropriate authorities will increase the likelihood that a violation or accidental release will be reported. The responsibility for tenant and public education falls under HAR-EE.

Public education activities in 2012 included community volunteer activities for picking up trash and stenciling "No Dumping" or similar messages near storm drains in common areas of KBPH. Members of Harbors Division, two tenants of Honolulu Harbor: Wikoliana Educational Excursions and The Phoenician, LLC, and members of the U.S. Navy volunteered for this activity. Harbors Division also provided funding for the event. In total, 53 Honolulu Harbor storm drain inlets were stenciled. Data were collected about the origins of trash picked up during the activity. Out of a total of 2,873 items 32.13% were from shoreline and recreational activities, 2.40% were from ocean and waterway activities, 64.01% were from smoking-related activities, and 0.84% were from dumping activities. Please see BMP Table 2-2. Although the activity did not take place at KBPH, it involved a tenant at this harbor and provided general public awareness on caring for our waters.

The Harbors Division stormwater website provides information about water quality issues, emergency reporting numbers, and links to useful sections of the USEPA website. Please see BMP Table 2-2. The website can be accessed at <http://hidot.hawaii.gov/harbors/library/stormwater-management/>.

**BMP Table 2-2 General Public Education and Outreach**

<b>Goals:</b> 1) Generate tenant awareness of stormwater pollution. 2) Engage tenant interest in preventing stormwater pollution. 3) Promote positive tenant behavior changes that reduce pollution or opportunities for pollution.					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Post or construct signage at visible public locations	Visible areas posted with "No Dumping" signs	Signs are hung at additional visible public locations	Continuous	Tenants	Tenants were instructed to post "no washing" signs where water spigots are located
	Storm drains stenciled with "flows to ocean"	Number of drains stenciled	NA	Harbors Environmental Section, volunteers	Stenciling program has been initiated and started at Honolulu Harbor
	Track the amount of inappropriate materials dumped and correlate this data to the timing of public sign posting to gauge any change of public behaviors over time	The amount of polluting material generated by dumping or discarding has been reduced	On-going	Harbors Environmental Section	Signs have been designed and contracting initiated
Create/update runoff water quality presentations on Harbors Division website	Create/update presentation and post to website	Presentation is posted	Sept 20, 2012	Weston/ Harbors Environmental Section	2012 presentation uploaded to website
Measure dissemination and effectiveness of water quality presentation	Percentage increase in presentation viewing, measured by number of hits on presentation website	Increase viewing from previous year	To Be Determined (TBD)	Harbors Environmental Section; Harbors web master	81.1% of training attendees feel they learned a lot. Table 2-1 summarizes the quiz effectiveness. The presentation is available on the harbors website
Set up and solicit a volunteer cleanup or storm drain stenciling activity	Participation in activities	At least one of the listed activities	July 3, 2012	Harbors Division	Volunteer activity conducted on 3 July 2012

Goals: 1) Generate tenant awareness of stormwater pollution. 2) Engage tenant interest in preventing stormwater pollution. 3) Promote positive tenant behavior changes that reduce pollution or opportunities for pollution.					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
	Number of employee and public participants	An increase in participation from previous year	July 3, 2012	Harbors Tenants, Weston, the public	Two HAR-EE employees, two employees from Weston, two harbor tenants, and over 50 US Navy volunteers
Post public awareness advertisement in local newspaper or magazine to educate the general public on stormwater pollution control	Number of advertisements sponsored	One per year	NA	Harbors Environmental Section	List of news periodicals with more targeted audience being solicited

## 2.3 VESSEL OPERATORS EDUCATIONAL PROGRAM

Outreach to vessel operators docking at Harbors Division facilities ensures awareness of potential pollutant sources associated with vessel operation in the harbor, including vessel equipment wash water and polluted deck wash-down water, and vessel maintenance. A vessel maintenance educational flier was distributed to tenants and is available on the Harbors Division website.

Marine Cargo Specialists monitor loading and unloading procedures for the major vessels in the Harbor. Their duties include tracking compliance with various aspects of the process including stormwater pollution control compliance. Please see BMP Table 2-3.

**BMP Table 2-3 Expand the Educational Program to Vessel Operators**

Goal: Minimize discharge of pollutants to receiving waters within the harbors					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Marine Cargo Specialists will Monitor ship cargo loading and unloading to prevent discharges of pollutants	Frequency of monitoring activity at loading/unloading zones	Increasing frequency	On-going	Harbors Oahu District; Marine Cargo Specialists; Harbor Agents	Marine Cargo Specialists continue to monitor ship cargo loading and unloading
	Number of Marine Cargo Specialist Attending Annual Stormwater Training	Increasing attendance	May 14 and 17, 2012	Harbors Oahu District; Marine Cargo Specialists; Harbor Agents	Training conducted in 2012. 5 specialists in attendance



<i>Goal: Minimize discharge of pollutants to receiving waters within the harbors</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
	Number of actions taken as a result of loading and unloading monitoring	For informational purposes	On-going	Harbors Environmental Section; Marine Cargo Specialists; Harbor Agents	Actions are taken and deficiencies mitigated onsite
Develop and maintain inventory of ships agents responsible for tracking vessel operators and provide educational materials	Percentage of ships agents in inventory	100% of ships agents identified	On-going	Harbors Environmental Section; Marine Cargo Specialists; Harbor Agents	Inventory maintained by Property Management
	Percentage of ships agents receiving educational materials	100% of ships agents received materials	September 19, 2012	Harbors Environmental Section; Marine Cargo Specialists; Harbor Agents	Educational materials distributed in training.

## 2.4 INSPECTION AND PROGRESSIVE ENFORCEMENT PROGRAM

A tenant and user inspection and enforcement program has been developed as part of Harbor's Environmental Management System (EMS). This program identifies, tracks, inspects and ensures compliance with the Harbor Division's tenant lease agreements and TRPs. As part of the inspection and progressive enforcement program, the inventory of businesses and industries currently operating at the Harbor and subject to inspection has been updated (Appendix C).

Harbors continued conducting inspections of its KBPH tenants in 2012. This inspection and outreach to commercial and industrial tenants were conducted to ensure the following:

- ✓ Continually evaluate where outreach efforts should be focused;
- ✓ The facility operator has been made aware of stormwater pollution prevention requirements and the consequences of non-compliance;
- ✓ The facility operator is in compliance with its tenant lease agreement or TRPs;
- ✓ Unauthorized non-stormwater discharges do not occur at the facility; and
- ✓ Illicit connections are not present at the facility.

Initial inspections have been conducted at all tenant facilities to determine their relative risk and corresponding inspection frequency. Inspection frequency is determined by a numerical score that is calculated based on criteria listed in the inspection checklist, included in Appendix I.

In 2012, Harbors Division implemented an electronic equivalent of the included inspection checklist for facility inspections. Inspectors may now utilize a mobile tablet device to record inspection findings. The program then generates a report based on the inputted data, thereby improving responsiveness and recordkeeping.



Harbors Division continues to respond to violations observed during these inspections in accordance with the SWMP and the Tenant Inspection and Enforcement Manual (TIEM), dated November 2012, included in Appendix J. Inspection findings are continually added to an inspection database kept at Harbors Division. The database includes inspection dates, attendees, inspection findings, follow-up inspections, and enforcement actions; assists Harbors Division in assessing where efforts should be focused; and documents procedures should escalation of enforcement actions be required. An additional feature of the electronic inspection checklist is that inputted data is automatically recorded in an online database.

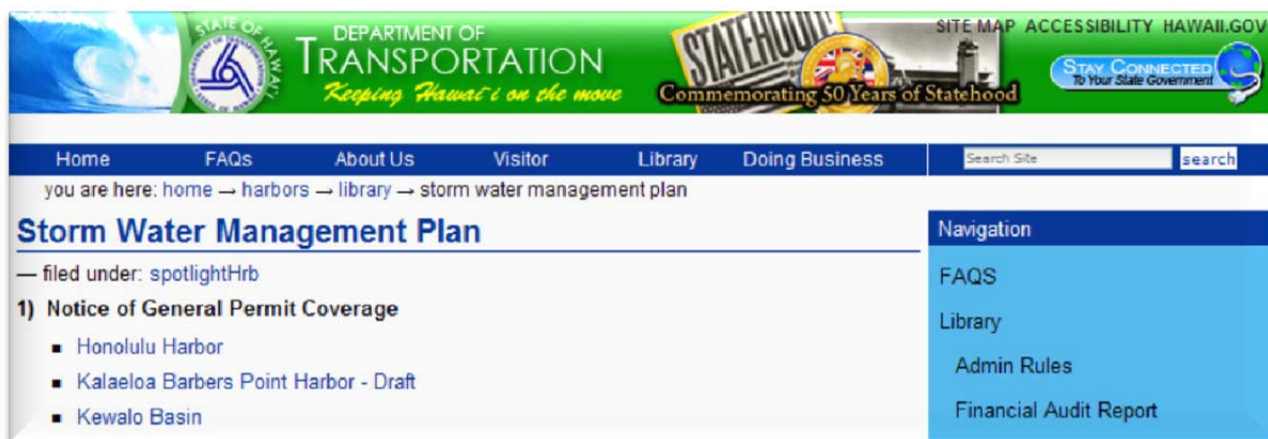
Overall, the majority of the tenants showed a willingness to cooperate and improve compliance with stormwater regulations and the Harbors SWMP. In cases where the tenant proved to be recalcitrant, progressive enforcement actions were taken. Enforcement actions are further discussed in Section 4.2.4.

**BMP Table 2-4 Inspection and Progressive Enforcement Program**

<i>Goal: Identify, track, inspect and ensure compliance with the Harbor Division's tenant lease agreements and TRPs</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Update inventory of businesses and industries currently operating at the Harbor	Frequency of inventory update	Inventory should be updated as inspections take place	On-going	Harbors Division	Inventory is updated and included in Appendix C
Create/update database to record and track tenant inspection findings, enforcement actions, and resolutions	Database is created and functional	100% of inspections are recorded in the database	January 2012	Harbors Environmental Section	The database was created in January 2012 and is located at Harbors Division office
Conduct initial inspection at all commercial and industrial tenant facilities	Percentage of commercial and industrial tenant facilities inspected	100% for 2012	Throughout 2012	Harbors Environmental Section, Weston,	9 of 9 (100%) of KBPH tenants were inspected in 2012
Add inspection findings and enforcement taken to database	Number of sites for which inspection findings, enforcement actions, and resolutions are added to database	100% of sites	On-going	Harbors Environmental Section	Inspection findings added to database. No enforcement actions took place at KBPH in 2012 although one tenant was directed to clean the accumulated sediment in the rails

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### 3.0 PUBLIC INVOLVEMENT/PARTICIPATION



#### Permit Requirements

<http://hawaii.gov/dot/harbors>

*HAR, Chapter 11-55, Appendix K, Part 6(a)(2). Include users of the permittee's small municipal separate storm sewer system in developing, implementing and reviewing the stormwater management plan;*

#### 3.1 RECEIVE PUBLIC FEEDBACK ON SWMP

Public participation is intended to raise public consciousness of water quality issues, to create a sense of responsibility for water quality, and to lessen the likelihood that members of the public will commit actions that may lead to water quality degradation.

Public awareness of stormwater quality issues is targeted to solicit comment by informed members, which may lead to a better and more effective plan and implementation. Harbors Division has invited public involvement and participation during the previous NGPC term by posting the SWMP to the Harbors Division website and notifying tenants during training.

The SWMP is currently under revision. When the SWMP is ready for public comment, Harbors Division will post it on the website and solicit comments. Received comments will be tracked and changes will be implemented where necessary or improvements can be made. Please see BMP Table 3-1.

**BMP Table 3-1 Receive Public Feedback on SWMP**

<i>Goal: To raise public consciousness of water quality issues, to create a sense of responsibility for water quality, and to lessen the likelihood that members of the public will commit actions that may lead to water quality degradation.</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Ensure notification to harbor tenants of SWMP development capability	Percentage of tenants notified	100% of tenants notified	September 19, 2013	Harbors Environmental Section	Tenants notified during training and SWMP posted to website

<i>Goal: To raise public consciousness of water quality issues, to create a sense of responsibility for water quality, and to lessen the likelihood that members of the public will commit actions that may lead to water quality degradation.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Post the Draft SWMP to the Harbors website during public comment window	Number of people who viewed the SWMP online	Increasing from previous year	On-going	Harbors Environmental Section; Harbors web master	1,045 visits to the Harbors stormwater management website.
	Number comments received for SWMP revision	Increasing from previous year	On-going	Harbors Environmental Section; Harbors web master	No comments received to date.
Develop system for tracking comments and change produced by comments	Percentage of comments tracked	100% of comments tracked	NA	Harbors Environmental Section	No comments received to date. System for comment tracking will be updated as comments are received.

## 4.0 ILLICIT DISCHARGE DETECTION AND ELIMINATION

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### Permit Requirements

*Kaunakakai Harbor, Hawaii. February 2006.*

*HAR Chapter 11-55 Appendix K Part 6(a)(3). Develop, implement and enforce a program to detect and eliminate illicit discharges that at a minimum includes the following:*

- (A) Establishment of rules, ordinances or other regulatory mechanism, including enforcement procedures and actions, that prohibit non-stormwater discharges, except those listed in section 1 that do not cause or contribute to any violations of water quality standards, into the permittee's small municipal separate storm sewer system,*
- (B) Procedures to detect and eliminate illicit discharges (as defined in 40 Code of Federal Regulations (CFR) Section 122.26(b)(2)), and*
- (C) Compilation of a list of non-stormwater discharges or flows that are considered to be significant contributors of pollutants and the measures to be taken to prevent these discharges into the permittee's small municipal separate storm sewer system, or reduce the amount of pollutants in these discharges.*

### 4.1 REGULATORY MECHANISMS IN-PLACE

Existing rules and ordinances that prohibit non-stormwater discharges are in place and include the following citation from HAR Title 19, Chapter 42, Section 127: no person shall “place, throw, deposit, or discharge, or cause to be placed, thrown, deposited, or discharged into the waters of any harbor, river or shore waters of the State any litter, or other gaseous, liquid or solid materials which render the water unsightly, noxious or otherwise unwholesome so as to be detrimental to the public health and welfare or a navigational hazard. No person shall discharge oil sludge, oil refuse, fuel oil or molasses either directly or indirectly, or pump bilges or ballast tanks containing other than clean water into the waters of any harbor, river or into any shore waters in the State.”

The rules are made enforceable by Title 19, Chapter 41 Section 12 which grants the HAR the full force and effect of law pursuant to sections 266-2, 266-3, 266- 4, and 266-25, Hawaii Revised Statutes (HRS). The enforcement of these rules shall also be pursuant to the provisions of section 26-14.6, HRS. The violation of these rules shall be subject to penalties as set forth in section 266-25, HRS, and the Harbors' TIEP.

Further, HAR Title 19 Chapter 42 Section 15 requires compliance with Federal, State, and County laws, ordinances and rules, and in particular rules of the HDOH pertaining to air and water pollution.

TRPs and tenant lease agreements incorporate language which requires compliance with all stormwater quality regulations. Copies of "Lease Agreement Addendum 1, Environmental Compliance - Lessee's Duties" and an excerpt from the Standard Revocable Permit form, "Section 26, Special Terms and Conditions, Environmental Compliance - Permittee's Duties" are provided in the SWMP and Appendix B of this report.

## 4.2 ILLICIT DISCHARGE DETECTION AND ELIMINATION PLAN

Harbors Division has developed an Illicit Discharge Detection and Elimination (IDDE) plan as part of its SWMP in an effort to eliminate discharges that the established storm drainage system is not designed to accept, process, or discharge. The IDDE program is comprised of two inspection programs: the ORI and tenant facility inspections. Both programs are designed to detect the sources of illicit discharges and escalate the finding to the appropriate enforcement mechanisms. The ORI is discussed in Section 4.2.2 and the facility inspection is discussed in Section 4.2.4.

### 4.2.1 Update Storm Sewer System Map

The most up-to-date MS4 outfall map is included as Appendix K of this document. The map contains outfall locations, drain and piping locations, and outfall IDs. Sources of non-stormwater discharges were identified in the dry-weather outfall reconnaissance inventory (ORI) and documented in Appendix L. Please see BMP Table 4-1.

**BMP Table 4-1 Update Storm Sewer System Map**

<i>Goal: Develop a comprehensive infrastructure map of the MS4 storm drain system</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Update outfall maps to identify sources of outfall discharges and outfall conditions	Percentage of outfalls that have sufficient, up-to-date information	100% of outfalls	December 2011	Harbors Environmental Section, WESTON	Performed in previous year
	Sources of outfall discharges identified	100% of sources identified	5 to 19 July 2012	Harbors Environmental Section, WESTON	Outfall discharges identified in reports. See Appendix L

### 4.2.2 Outfall Reconnaissance Inventory

An annual dry weather ORI was performed from November 16, 2012 by HAR-EE. The intent of the ORI was to identify, prevent, or stop Non-Stormwater Discharges (NSWD). The ORI was performed at low tide and describes outfall conditions, flow characteristics, and descriptions of the surrounding areas. A map of the KBPH outfalls is included as Appendix K. The ORI documentation is included as Appendix L. Important sections of the ORI form are described below:

- ✓ The location of the outfall;

- ✓ Date of the inspection;
- ✓ Qualitative measurement of flow at the outfall;
- ✓ Notes that include observations of conditions, surroundings, ocean life, etc.; and
- ✓ Overall characterization of outfall risk.

This year, an electronic form was created for use on a mobile tablet device. The electronic form collects the same information as the previous form and allows inspectors to more efficiently collect ORI data. This technology was implemented for KBPH for 2012. Outfalls that where “suspect” or “obvious” indicators of illicit discharged were observed were further investigated. When possible, flow was tracked upstream to its source. A summary of the ORI is provided in Table 4-1. Please see BMP Table 4-2.

**Table 4-1 ORI Summary**

<b>Outfall</b>	<b>Date</b>	<b>Flow</b>	<b>Indicators</b>	<b>Overall Characterization</b>	<b>Notes</b>
BP-01	11/16/2012	None	None	Unlikely	--
BP-02	11/16/2012	None	--	Unlikely	--
BP-03	11/16/2012	None	Barnacles	Unlikely	--
BP-04	11/16/2012	NA	--	Unlikely	Could not access due to boom blocking kayak access. Follow-up of upstream manholes conducted on 1/16/13. No flow observed.
BP-05	11/16/2012	NA	--	Unlikely	
BP-06	11/16/2012	NA	--	Unlikely	
BP-07	11/16/2012	NA	--	Unlikely	
BP-08	11/16/2012	NA	--	Unlikely	
BP-09	11/16/2012	NA	--	Unlikely	
BP-10	11/16/2012	NA	--	Unlikely	
BP-11	11/16/2012	None	Flow line staining	Unlikely	--
BP-12	11/16/2012	None	Barnacles	Unlikely	--
BP-13	11/16/2012	None	Flow line staining	Unlikely	--
BP-14	11/16/2012	None	Barnacles	Unlikely	--
BP-15	11/16/2012	None	Plugged	Unlikely	--
BP-16	11/16/2012	None	Flow line staining	Unlikely	--
BP-17	11/16/2012	None	--	Unlikely	--
BP-18	11/16/2012	None	Barnacles	Unlikely	--
BP-19	11/16/2012	None	--	Unlikely	--
BP-20	11/16/2012	None	Corrosion	Unlikely	--
BP-21	11/16/2012	None	Flow line staining	Unlikely	--



Outfall	Date	Flow	Indicators	Overall Characterization	Notes
BP-22	11/16/2012	None	Flow line staining, Corrosion	Unlikely	--
BP-23	11/16/2012	None	Flow line staining	Unlikely	--
BP-24	11/16/2012	None	Flow line staining	Unlikely	--
BP-25	11/16/2012	None	Flow line staining	Unlikely	--
BP-26	11/16/2012	None	Plugged	Unlikely	--
BP-27	11/16/2012	None	Plugged	Unlikely	--
BP-28	11/16/2012	None	Plugged	Unlikely	--
BP-29	11/16/2012	None	--	Unlikely	--

**BMP Table 4-2 Outfall Reconnaissance Inventory**

<i>Goal: Establish and carry out procedures to identify and remove illicit discharges</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Dry weather visual inspection of outfalls	Percentage of outfalls inspected	100% of outfalls inspected on-time	July 2012	Harbors Environmental Section, WESTON	Completed. See Appendix L
Wet weather inspections of outfalls	Percentage of outfalls inspected	20% of outfalls inspected on-time	NA	Harbors Environmental Section, WESTON	Wet weather ORI not completed due to safety and accessibility concerns. Harbors is currently revising program to allow for land based inspections during wet weather.
Collect and analyze reports of illicit discharges.	Number of apparent illicit discharges reported.	100% of illicit discharges found	Throughout 2012	Harbors Environmental Section, WESTON	No illicit discharges were found See Appendix L
Input inspection findings into database.	Percentage of findings input into database	100% of findings	January 2013	Harbors Environmental Section, WESTON	100% of ORI findings input into database. See Appendix L
Ensure proper measures and controls are implemented to mitigate pollutants in permitted NSWDS	Number of permitted NSWDS found that lack proper controls	Reduced from previous year	NA	Harbors Environmental Section, WESTON	No permitted NSWDS exist to date



<i>Goal: Establish and carry out procedures to identify and remove illicit discharges</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Document these controls in a database with tenant information and Tax Map Key (TMK)	Percentage of permitted NSWDS recorded in database	100% of identified permitted NSWDS	NA	Harbors Environmental Section, WESTON	NA

#### 4.2.3 Illicit Discharge Reporting

Harbors District personnel report illicit discharge incidents by calling the stormwater reporting hotline. These incidents are recorded in the SHOT database. Harbors Ground Maintenance keeps a monthly spill log, which is included as Appendix M. Please see BMP Table 4-3.

**BMP Table 4-3 Illicit Discharge Reporting**

<i>Goal: Encourage public education and involvement in eliminating illicit discharges</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Collect violation reports from the Marine Traffic Control Center	Percentage of violations reported	100% of violation reports collected	Continuous	Harbors Environmental Section	Follow up conducted for each report
Record report of illegal discharge incidents	Keep Marine Cargo Specialist inspection reports on-file.	100% of Pier inspection reports are kept	Continuous	Harbors Operations Section	Reports are maintained
Establish the illicit discharge/illegal dumping hotline	A hotline for citizens to report illegal dumping and suspicious discharges will be established in the first year. (See BMP Table 2-1)	Establish one hotline	Oct 22, 2009	Harbors Environmental Section	Completed
Determine effectiveness of hotline	Number of illicit discharge/illegal dumps reported by citizens	Increasing from previous year	On-going	Harbors Environmental Section	One call received and follow-up conducted
	Number of illicit discharges prevented or stopped due to call to hotline	Increasing from previous year	On-going	Harbors Environmental Section	One illicit discharges prevented or stopped.

<i>Goal: Encourage public education and involvement in eliminating illicit discharges</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Advertise hotline	The hotline will be advertised on an insert in each TSI mailing and on all stormwater pollution prevention signage	Hotline advertised in training	September 2012	Harbors Environmental Section	The hotline was advertised in the tenant training and mailing. Quick reference cards distributed at training and contact info fliers distributed during tenant inspections

#### **4.2.4 Inspection and Enforcement Plan**

Harbors conducted inspections of tenant facilities in 2012. Of the tenants on the inspection list, all of the nine tenants at the KBPH were inspected in 2012 as stated in Section 2.4. When illicit discharges are observed, enforcement actions are taken. All illicit discharges are recorded in an Illicit Discharge Database maintained at Harbors Division and included in Appendix N.

Tenant inspection reports are generated and sent to each tenant for timely and detailed feedback. In addition to communicating enforcement actions, Harbors Division hopes that information provided in the inspection reports will assist tenants in improving their practices and, therefore become more environmentally responsible. A typical inspection report contains the following:

- ✓ An explanation the objective of the inspections;
- ✓ Tenant contact information;
- ✓ Facility description;
- ✓ A list of potential pollutant sources;
- ✓ A description of stormwater flow throughout the site;
- ✓ A summary of inspection observations;
- ✓ A tenant risk ranking;
- ✓ Any required follow-up actions; and
- ✓ A photo log documenting deficiencies and good practices.

Inspection observations include industrial activity, petroleum and solvent storage quantities, mode of storage, potential pollution sources, a description of site drainage, observed BMPs, and required BMPs.

Each tenant was ranked base on their potential to contribute pollutants to the environment. See BMP Table 4-4. The results of the tenant risk rankings will be reevaluated for accuracy with each inspection. The tenant's ranking determines the frequency of inspection according to the TIEP. High risk tenants will be inspected twice per year, medium ranking tenants will be inspected annually, and low ranking tenants will be inspected biennially. Risk rankings and corresponding inspection frequencies will be determined following the inspection of all Harbors tenants currently being concluded.

When an illicit discharge is determined to have taken place, appropriate action is taken against the responsible parties according to the TIEP. This document establishes specific inspection

procedures, enforcement tools, and the progressive escalation of enforcement actions with regard to the severity of the illicit discharge and the recalcitrance of the tenant.

A letter is sent to each recalcitrant tenant or tenant that is found to have poor practices to the extent that there is a potential significant impact to the environment. These letters are signed by the Director of Transportation or Deputy Director of Harbors Division and strongly convey that failure to meet the requirements of the letter can result in fines or termination of the tenant's revocable permit. The letter requires response within a given timeframe, depending on the severity of the action. There were no enforcement actions required for tenants in KBPH in 2012.

Harbors Division maintains records, including inspection reports, warning letters, notices of violation, resolutions, and other enforcement records, demonstrating its good faith effort to bring tenant facilities into compliance with applicable requirements.

**BMP Table 4-4 Inspection and Enforcement Plan**

<i>Goal: Eliminate illicit discharges through inspection and enforcement.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Establish/update ranking of tenants according to the TIEM	Percentage of tenants ranked	100% of tenants ranked	January 2012	Harbors Environmental Section	Risk rankings of nine tenants completed.
Perform initial investigation upon discovery or notification of a suspected illicit discharge or connection.	Percentage of reports investigated	100% investigated	On-going	Harbors Environmental Section	100% of reported illicit discharges investigated
Follow up investigation of illicit discharge	Percentage of investigations followed up	100% Follow-up	On-going	Harbors Environmental Section	100% of required follow ups performed
If enforcement action has taken place, perform follow up inspection within two weeks of initial inspection	Same as above	Same as above	On-going	Harbors Environmental Section	Follow up conducted during tenant inspections
Initiate investigation of complaints transmitted by HDOH regarding facilities within its jurisdiction	Percentage of reports investigated	100%	NA	Harbors Environmental Section	No complaints by HDOH

#### 4.2.5 Employee Training

Harbors Division annually provides initial and refresher NPDES training to key personnel to instruct personnel at different levels of responsibility, including Harbors Oahu District Enforcement (HAR-OE) personnel, concerning the components and goals of the SWMP. Please see BMP Table 4-5. The instruction addresses the following areas:

- ✓ Regulatory requirements,
- ✓ Materials management practices including proper storage, handling, and use of materials,
- ✓ Good housekeeping and criteria for clean working environment,
- ✓ Recognizing conditions that could lead to degraded runoff water quality,
- ✓ Identifying and notifying responsible parties,
- ✓ Taking action to correct conditions that could result in stormwater pollution,
- ✓ Warning and enforcement procedures, and
- ✓ Recording incidents.

A copy of the employee training sign in sheet can be found in Appendix O.

As stated in the SWMP, Harbors Division will train all employees who are responsible for identification, investigation, elimination, cleanup and reporting of illicit connections and other illicit discharges annually.

**BMP Table 4-5 Employee Training**

<i>Goal: Eliminate illicit discharges through training of essential personnel.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Develop stormwater IDDE training materials	Training materials address all relevant IDDE aspects and are up to date	IDDE is addressed	14, 17 May 2012	Harbors Environmental Section, Weston	Completed. See Appendix O
Train all employees who are responsible for identification, investigation, elimination, clean-up, and reporting of illicit connections/ discharges	Frequency of employee training  Number of employees trained	Once per year  Train all applicable employees	May 2012	Harbors Environmental Section, Weston	Completed

## 5.0 CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

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*Drain Inlet Control, Barbers Point. January 2006.*

### Permit Requirements

*HAR Chapter 11-55 Appendix K Part 6(a)(4). Develop, implement and enforce a program to reduce storm runoff pollutants entering the permittee's small municipal separate storm sewer system from construction activities disturbing one acre or more, including 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, that, at a minimum, includes the following:*

- (A) Establishment of rules, ordinances and 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 best management practices,*
- (C) Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts on water quality,*
- (D) Procedures for site plan review of construction plans which incorporate consideration of potential water quality impacts,*
- (E) Procedures for receipt and consideration of information submitted by the public,*
- (F) Procedures for site inspection and enforcement of control measures.*

### 5.1 CONSTRUCTION SITE RUNOFF CONTROL PROGRAM

A Construction Site Runoff Control Program (CSRCP) has been developed for use beginning in 2013 and is included as part of Harbor Division's SWMP in order to establish rules, ordinances, and other regulatory mechanisms in order to:

- ✓ Require stockpiling or immediate access to materials for erosion prevention and sediment control;
- ✓ Require erosion prevention and sediment controls at all construction projects;
- ✓ Require construction site operators to implement appropriate erosion prevention and sediment control BMPs; and
- ✓ Require construction site operators to implement BMPs appropriate for the control of waste and other potential pollutant sources.

The CSRCP includes the following:

- ✓ Construction site plan reviews;
- ✓ Pollution prevention;
- ✓ Source identification;
- ✓ BMP implementation;
- ✓ Construction site inspections;
- ✓ Enforcement measures;
- ✓ Report of non-compliant sites; and
- ✓ Education outreach for construction site operators.

### 5.1.1 Required Document Review

Harbor Division's CSRCP applies to all construction projects existing within its jurisdiction, regardless of size or ownership of the construction site or activity.

Each Section of the Harbors Division Engineering Branch, including Planning, Design, Construction, Maintenance, and Environmental, reviews subsets of construction plans specific to their department for potential stormwater impacts. The Harbors Division Engineering Branch reviews construction plans for potential stormwater quality impacts, and drainage connection and discharge permit applications.

Construction site operators are required to submit a Stormwater Pollution Prevention Plan (SWPPP) and a Notice of Intent (NOI) under the Hawaii NPDES General Permit Authorizing Discharges of Stormwater Associated with Construction Activity, HAR Chapter 11-55 Appendix C (the Hawaii Construction General Permit) for projects equal to or greater than one acre prior to approval. Harbors Division ensures that plans reflect the actual site conditions and are updated accordingly. The HDOH Clean Water Branch (CWB) implements NPDES requirements in the State of Hawaii and administers review and granting of Individual and General Permit Coverage; however, prior to their submittal to HDOH, NOI requests and SWPPPs will be routed to Harbors Division for review and comment. The list of plans reviewed by Harbors Division in 2012 (including sites less than one acre) are summarized in Table 5-1::

**Table 5-1 Summary of Construction Plan Review**

Date	Project No.	Location	Project Description
2/14/12	HC 10497	Kalaeloa Barbers Pt. Harbor	Repair Roll-Up Doors at Pier Shed
7/17/12	HC 10514	Kalaeloa Harbor	Repair Roll-Up Doors at Pier Shed (Initial Review)
8/28/12	HC 10483	Entrance Gate Kalaeloa Harbor	Lighting Repairs at Entrance Gate
10/10/12	HC 10497	Pier Shed	Repair Roll-Up Doors at Pier Shed

TRPs and tenant lease agreements require compliance with all environmental laws and limit possession, usage and storage of hazardous wastes without lessor knowledge and consent.



Harbors Division requires that prior to new connections or discharge to the regulated drainage system, an application form for the connection and/or discharge must be made. Upon review and acceptance of the application, the Harbors Division will approve and issue a permit for connection or discharge. If additional information is required, the applicant must satisfactorily provide it before a permit is issued. No connection permits applications were submitted to Harbors Division in 2012.

Stormwater BMPs are reviewed by HDOH CWB during NPDES NOI review, and may be reviewed by the City and County of Honolulu if plans are routed through them. Please see BMP Table 5-1. Harbors Division personnel including Marine Cargo Specialists, the Harbor agent, and Construction Inspectors may note implementation of BMPs and contractor waste management practices, and have authority to take action in the event of noncompliance.

**BMP Table 5-1 Required Document Review**

<i>Goal: Prevent sediment and erosion runoff from construction sites during the planning phase.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Review construction plans for potential impacts in respective areas	Percentage of construction plans reviewed	100% of plans reviewed	On-going	All HDOT Engineering Branch Sections	100% of construction plans were reviewed
Review plans for stormwater considerations during pre- and post-construction phases	Percentage of construction plans reviewed	100% of plans reviewed	On-going	Harbors Design, Maintenance and Environmental Section	4 plans reviewed
Review SWPPP, NOI, and discharge permit applications for construction projects	Percentage of documents reviewed	100% of documents reviewed	NA	Harbors Design, Maintenance and Environmental Section	No submittals in 2012
Review erosion and sediment BMPs and waste management practices	Percentage of sediment BMPs and waste management practices reviewed	100% of BMPs and waste management practices reviewed	On-going	HDOH Clean Water Branch, City and County of Honolulu, or Harbors Division	4 plans reviewed

### 5.1.2 Construction Site Best Management Practices

Construction site BMPs serve the purpose of preventing sediment and other pollutants created from construction activities from reaching State waters. In many cases BMPs prevent sediment and pollutants from being dislodged from their original locations.

Harbors Division requires that construction site operators implement appropriate erosion and sediment control BMPs as well as any other BMPs that will reduce the flow of pollutant off-site to the MEP. Selected BMPs must demonstrate an understanding of the soil texture and sediment size such that the BMP chosen provides the maximum benefit to runoff control. A specification sheet that includes stormwater BMP requirements has been developed and will be included with contractor solicitation documents. The Temporary Water Pollution, Dust, and Erosion Control spec is included as Appendix P.

Harbors Division has adopted the City and County of Honolulu (C&C Honolulu) BMP Manual for Construction Sites (C&C Honolulu, 2011). This manual will be used to train construction inspectors and to produce educational materials for contractors beginning in 2013.

### 5.1.3 Site Inspection and Enforcement

Construction sites are inspected for compliance with the stormwater-related requirements until construction is terminated, the site has been stabilized, and the site's NPDES construction permit has been closed. Inspections are at least bi-weekly during the months of October through April, then at least bi-monthly during the remaining months. Inspections ensure the following:

- ✓ Sediments generated at the project site are retained using adequate source control and structural BMPs;
- ✓ Construction-related materials and wastes are retained at the project site to avoid discharge to the storm sewer and State waters;
- ✓ Unauthorized non-stormwater runoff is contained at the project site; and
- ✓ Erosion from slopes and channels are controlled by implementing an effective combination of erosion and sediment control BMPs, such as limiting grading during the wet season; inspecting graded areas during rain events; planting and maintenance of vegetation on slopes; and covering slopes susceptible to erosion.

Enforcement is executed according to the CSRPC. Reports include a list of all construction projects, inspection dates, and resolution of any violations of stormwater-related requirements can be found in Appendix Q and is summarized in Table 5-2. A copy of the revised Harbors Construction BMP Checklist form is included in Appendix R. Please see BMP Table 5-2.

**Table 5-2 Summary of Construction Inspections**

Project Number	Project Title	Dates Inspected	Corrective Actions
HC 10340	Access and Electrical Improvement at Kalaeloa Barbers Point Harbor	4/18/12, 5/10/12, 5/24/12, 5/30/12, 6/12/12, 8/23/12, 10/25/12, 11/29/12	Repaired biosocks on two occasions.
HC 10460	Dust and Runoff Control Measures at Kalaeloa Barbers Point Harbor	4/18/12, 5/10/12, 5/24/12, 8/23/12, 9/21/12	None
HC 10469	Embankment Repair at Kalaeloa Barbers Point Harbor Phase 3	10/30/12, 11/13/12	None



**BMP Table 5-2 Site Inspection and Enforcement**

<i>Goal: Ensure implementation of BMPs and controls by construction site operators through inspection and enforcement.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Perform inspections of permitted construction sites for implementation of construction site BMPs	Frequency of inspection	At least once every two weeks during the months of October thru April, then at least bi-monthly during the remaining months	Throughout the year	Harbors Division, Site Inspectors	Completed. See Table 5-1 for summary and Appendix Q for reports
	Number of construction sites inspected	100% of construction sites	Throughout 2012	Harbors Division, Site Inspectors	Three sites
Incorporate inspection of stormwater components into inspection program	Construction site stormwater deficiencies are reduced	Deficiencies are reduced from previous year	Throughout 2012	Harbors Division, Site Inspectors	Erosion and sediment control inspections are underway
Keep a list of all construction projects, inspection dates, and resolution of any violations for the annual reports	Completeness of inventory	100% of construction sites, inspections, resolutions, and violations recorded	Throughout 2012	Harbors Construction and Environmental Sections	File created at Harbors and 100% of known construction sites inspected

#### **5.1.4 Receipt of Public Input**

Harbors Division remains open to public comment and illicit/NSWD reporting. The public is able to contact Harbors Division via hotline, email, website, or mail. Notifications related to illicit discharges are logged on the SHOT Form and appropriate responses are made. No public input was received in 2012. Please see BMP Table 5-3.

**BMP Table 5-3 Receipt of Public Input**

<i>Goal: To remain receptive public to opinion and involvement</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Accept and follow up on public reporting and record outcome	Track number of public reports	Increase from previous year	On-going	Harbors Environmental Section	None received

### 5.1.5 Training and Outreach

Harbors Division employees who are responsible for construction plan review and site inspections are typically trained annually in the requirements of the SWMP and Hawaii General Permits; however, training was postponed in 2012 so that updates could be made to the training program. The updates were made as a result of recommendations made by the USEPA during an audit of Harbors Division on June 4<sup>th</sup>, 2012. The updated Stormwater Construction Inspection Training will be included in the 2013 ACR. Please see BMP Table 5-4. Employees were trained in plan review and inspection procedures.

Construction plan review training included the following 10 elements taken from USEPA guidance:

- ✓ Minimize clearing and grading;
- ✓ Protect waterways;
- ✓ Phase construction to limit soil exposure;
- ✓ Immediately stabilize exposed soils;
- ✓ Protect steep slopes and cuts;
- ✓ Install perimeter controls to filter sediments;
- ✓ Employ advanced sediment settling controls;
- ✓ Certify and train contractors on stormwater site plan implementation;
- ✓ Control waste at the construction site; and
- ✓ Inspect and maintain BMPs.

Construction site inspection included training on specific forms from the Harbors EMS Manual:

- ✓ HDOH CWB NOI General Form;
- ✓ HDOH CWB NOI Form C;
- ✓ EMS Manual Appendix H – Construction Program; and
- ✓ HAR 11-55 Appendix C.

Education and outreach will be provided for stakeholders. Educational materials currently include a specification section for construction stormwater BMPs. Please see BMP Table 5-4. The intent of these educational materials is to make certain that the site manager or onsite

coordinator is aware of the proper installation and maintenance procedures for construction stormwater BMPs.

**BMP Table 5-4 Training and Outreach**

<i>Goal: Foster widespread knowledge of construction BMPs</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Develop internal training materials for plan review staff and inspectors	NA	NA	May 2012	Harbors Environmental Section	Training materials being updated
Conduct training for employees who are responsible for construction site inspections	Educate construction inspectors about proper selection, installation, inspection, and maintenance of BMPs	100% of construction site inspectors received education	7 May 2012	Harbors Environmental Section	Training postponed in order to update training based on USEPA recommendations.
Provide educational materials for plan reviewers	Percent of plan reviewers receiving educational materials	100% of plan reviewers received educational materials	May 2012	Harbors Construction and Environmental Section	Distribution postponed in order to update training based on USEPA recommendations
Provide educational package to construction sites	Percentage of construction sites covered	100%	On-going	Harbors Engineering Branch	All construction sites receiving specification package
Post educational materials on Harbors website	Increase views to website	Increased views from previous year	2012	Harbors Web Master	Educational materials posted to website

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## 6.0 POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

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### Permit Requirements

*HAR Chapter 11-55 Appendix K Part 6.(a)(4). Develop, implement and enforce a program to reduce pollutants in storm runoff entering the permittee's small municipal separate stormwater sewer system from new development and redevelopment projects which disturb greater than or equal to one acre, including construction sites less than one acre that are part of a large common plan or development or site that would disturb one acre or more, that, at a minimum, includes the following:*

- (A) *Establishment of rules, ordinances, and other regulatory mechanism, including enforcement procedures and actions, that address post-construction runoff from new development and redevelopment projects,*
- (B) *Structural or non-structural best management practices to minimize water quality impacts and attempt to maintain pre-development runoff conditions, and*
- (C) *Procedures for long-term operation and maintenance of best management practices.*

### 6.1 POST-CONSTRUCTION STORMWATER MANAGEMENT PROGRAM

Harbors Division has developed a Post-Construction Stormwater Management Program as part of its SWMP to prevent polluted stormwater discharges from areas of new development and significant redevelopment. This program includes project reviews based on the post-construction erosion control NPDES permit regulations and the Development Standards requirements. The purpose of the post-construction program is to provide a mechanism by which ongoing protection of stormwater quality can be addressed and attained.

#### 6.1.1 Construction Permit Review Process

As part of the NPDES program, HDOH CWB administers review of projects that are equal to or greater than one acre in size. Applicants for coverage under the Nationwide General Permit or Individual Stormwater Discharge Permits should submit applications including descriptions of the project scope and schedule, contractor, past land use history, existing conditions and potential pollution sources, construction and post-construction site-specific BMPs.

Harbors Division's review process has the goal of maintaining or improving pre-development runoff conditions. As such, Harbors requires construction applicants to perform a pre- and post-development hydrological analysis to protect natural channels from erosion, to size storm drainage infrastructure, and to address flooding.

Harbors Division identifies controls that provide treatment and reduce stormwater volume and velocity. Harbors Division also ensures that on-going maintenance of BMPs is provided in the plans and properly executed, as BMPs are not effective unless properly maintained.

No NPDES Permit and LIDS compliance applications were received in 2012. Please see BMP Table 6-1.

**BMP Table 6-1 Review NPDES Permit Application**

<i>Goal: To ensure that long-term controls are in place to prevent degradation of stormwater</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Review NPDES Permit and LIDS compliance applications	Percentage of applications reviewed	100% of applications	NA	Harbors Division Environmental, Design and Maintenance Sections	No new projects meeting post-construction BMP threshold were initiated at this Harbor

### **6.1.2 Low Impact Development Standards Plan**

Harbors Division has developed a LIDS that requires measures to be taken with the intent of reducing pollution discharges to the MEP from all new development and significant redevelopment projects. The LIDS requirements apply to all new development and significant redevelopment projects.

Significant redevelopment includes, but is not limited to, expansion of a building footprint, or replacement of a structure; replacement of impervious surface that is not part of a routine maintenance activity; and land-disturbing activities related to structural or impervious surfaces. Where significant redevelopment will result in an increase of less than 50 percent of the impervious surfaces of a previously existing development, and the existing development was not subject to LIDS, the BMP design standards apply only to the addition, and need not be applied to the entire development.

Implementation of LIDS and amendments of TRPs and tenant lease agreements will follow the completion of the Final SWMP. Please see BMP Table 6-2.

**BMP Table 6-2 Low Impact Development Standards Plan**

<i>Goal: Reduce pollution discharges to the MEP from all new development and significant redevelopment projects</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Implement LIDS and amend tenant lease agreements and TRPs as necessary	Percentage of necessary lease agreement and TRP amendments conducted	100%	On-going	Harbors Environmental Section, Design and Maintenance	Leases and RPs will be revised with new or renewed agreements

### 6.1.3 Structural and Non-Structural BMPs

Post-construction stormwater quality efforts are currently addressed by Harbors Division through the following BMPs or integration of the following BMPs:

- ✓ Preserve undeveloped areas where such areas are not required to be paved,
- ✓ Consider surface treatments for improved areas which retain rainfall and allow percolation rather than impervious surfacing which generates runoff, such as paver tiles in lieu of asphalt or concrete pavement,
- ✓ Preserve naturally occurring flat to low slopes in all areas, which minimize runoff concentration, quantity, velocity and erosive capability,
- ✓ Where runoff flows are concentrated, provide durable drainage systems sized to convey peak flows,
- ✓ Review construction plans to provide and maintain grading which limits the area of the drainage basin discharging into the harbor,
- ✓ Continuously monitor operations to ensure that major tenants using pier aprons adequately clean the aprons upon completion of loading/offloading activities,
- ✓ Implement structural BMPs that reduce the quantity of storm runoff at KBPH,
- ✓ Operational areas will be paved with reinforced concrete or asphalt concrete, to prevent erosion. These surfaces will also allow spills of materials to be cleaned up, and
- ✓ Maintain minimal to low slopes throughout improved areas (access roadways, piers and aprons) where surfaced with asphalt or reinforced concrete, which reduces runoff peak flow quantities and velocity.

Harbors Division evaluates current BMPs to determine if they sufficiently meet the requirements of the NPDES permit and, if additional BMPs are warranted, Harbors Division requires tenants and contractors to implement the appropriate BMPs.

Post-construction stormwater BMPs are evaluated by Harbors during tenant inspections. No new post-construction BMPs were implemented in 2012. Please see BMP Table 6-3.

**BMP Table 6-3 Structural and Non-Structural BMPs**

<i>Goal: Implementation of LID BMPs</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Evaluate current BMPs	Percentage of BMPs evaluated	100%	On-going	Harbors Construction and Environmental Section, Design and Maintenance	No new BMPs were identified during tenant inspections
Enforce development & implementation of new post-construction BMPs	Percentage of site potential pollutants are prevented	100%	On-going	Harbors Construction and Environmental Section, Design and Maintenance	No new post-construction BMPs implemented in 2012

#### 6.1.4 Operation, Maintenance, and Inspections

Structural or non-structural BMPs are not considered effective, nor are MEP criteria met, unless a long-term operation and maintenance procedure is put into place and carried out. Upon completion of construction, assurance is required for the long-term operation and maintenance of structural and non-structural BMPs. Please see BMP Table 6-4.

**BMP Table 6-4 Operations, Maintenance, and Inspections**

<i>Goal: To maintain effectiveness of BMPs through operations and maintenance plans</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Create database to track operation and maintenance practices	Create a database	Database has been created	On-going	Harbors Environmental Section	New database created with new Honolulu Harbor BMP and O&M tracking is on-going
Perform scheduled operation and maintenance practices	On-time completion of maintenance practices	100% of O&M has been confirmed conducted	On-going	Oahu District	Identified BMPs will be documented and O&M will be confirmed as BMPs are installed or implemented
Inspect project for post-construction controls	Percentage of potential pollutants mitigated	Equal to maximum standard operating capacity	On-going	Harbors Construction Environmental Section Inspectors and	Inspections will be conducted as BMPs are installed or implemented



## 6.1.5 Stakeholder Education and Outreach, Employee Training

Future TRPs and leases will require maintenance of post-construction runoff control measures on their premises. An educational packet will be prepared and sent to all stakeholders, which include tenants and their contractors. The educational package will include:

- ✓ A post-construction BMP template and
- ✓ BMP Checklist.

While it is the responsibility of the tenant to ensure that their construction contractors are educated in Post-Construction considerations, Harbors will send educational material to contractors that are identified to be working on Harbors property. Please see BMP Table 6-5.

Harbors internal training will include guidance on the inspection of post-construction BMPs. Please see BMP 6-5. Inspection training also includes proper operations and maintenance of typical post construction BMPs, indicators of BMP failure, and inspection techniques.

**BMP Table 6-5 Stakeholder Education and Outreach**

<i>Goal: Create awareness with stakeholders and employees to reduce post-construction run-off.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Develop post-construction educational package	NA	NA	On-going	Harbors Environmental Section	Educational materials to be referenced from City and County of Honolulu program
Distribute educational packet in TSI Mailing	Percentage of tenants in receipt of mailing	100%	NA	Harbors Environmental Section	TSI mailing replaced with Tenant inspection and training
Post information on Harbors Division website	Track number of views	Greater than previous year	On-going	Harbors Web Master	Link to USEPA post-construction BMPs listed on website
Conduct training	Percentage of employees and tenants trained	Greater than previous year	On-going	Harbors Environmental Section	Training conducted with general stormwater awareness

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## 7.0 POLLUTION PREVENTION/GOOD HOUSEKEEPING



*Hawaii Harbor (left) and Sand Island (right), January 2006*

### Permit Requirements

*HAR Chapter 11-55 Appendix K Part 6.(a)(4). Develop, implement and enforce an operation and maintenance 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 best management practices are properly implemented.*

## 7.1 POLLUTION PREVENTION/GOOD HOUSEKEEPING PROGRAM

A Pollution Prevention/Good Housekeeping Program has been developed with the ultimate goal of preventing or reducing pollutant runoff. The program includes an internal record-keeping system to schedule and document the maintenance activities performed.

### 7.1.1 Maintenance and Housekeeping Practices

Maintenance is on-going at tenant and Harbors facilities. Please see BMP Table 7-1. The following maintenance activities are conducted:

- ✓ Emptying dumpsters and remove and dispose of discarded objects, machinery or equipment.
- ✓ Prompt repair/replacement of malfunctioning dumpsters
- ✓ General maintenance and repair of public facilities is conducted in-house, while a contractor is selected for most large projects.
- ✓ Grounds maintenance personnel use fertilizer or herbicides in accordance with the manufacturer's instructions and in a manner that eliminates potential for runoff into the gutters, or storm drain system.

- ✓ Pier and apron cleanliness is assessed for debris and staining, and responsible parties are notified to conduct cleaning as needed. Operators with leaking vehicles are required to park vehicles and equipment indoors/under cover, provide drip pans and repair leaks.
- ✓ Vehicle and equipment washing on Harbors property is prohibited unless performed in an approved wash facility.
- ✓ Clean up stains, spills, oil spots using dry cleanup methods. A record of spill cleanups can be found in Appendix M.

#### 7.1.1.1 Sweeping Common Areas and Select Tenant Facilities

Sweeping prevents microscopic pollutants from entering the ocean by removing them before they flow into the storm sewer. Regular sweeping is performed by Harbors Grounds Maintenance. One sweeper is available for KBPH. Sweeping includes all common areas and certain areas on tenant facilities where cleaning is requested. Sweeping is performed according to the following schedule presented in Table 7-1.

**Table 7-1      Grounds Maintenance Sweeping Schedule**

Location	Frequency	Duration (Hours)
KBPH Common Roadways & Apron	Twice per month	4

All waste from Honolulu and Kalaeloa Barber's Point Harbors are combined and disposed of at the appropriate disposal contractors. Grounds Maintenance is also responsible for collection of trash, leaves and other debris, which prevents blockage of storm drains and localized flooding.

## 7.2 WASTE COLLECTION

Grounds Maintenance picks up and disposes of other potential pollutants left in drop off areas or discarded illegally by the public in order to minimize and/or prevent pollution to the environment. This includes automobile, boat, and motorcycle lead acid batteries, scrap steel, discarded used tires, and construction debris.

Table 7-2 is a compilation of the different types of waste collected by Harbors Division and their disposal destinations. Quantities listed are the combined amounts from both Honolulu and Kalaeloa Barber's Point Harbors. All disposal receipts are kept as supporting documentation of compliance with stormwater regulations.

**Table 7-2 Waste Destination and Amounts**

Waste Type	Destination Facility	Amount
Green Waste	Hawaiian Earth Products	1.48 tons
Refuse	Covanta Energy Honolulu Resource Recovery	385.81 tons
Sweeper Waste	PVT Land Company, Ltd.	377.57 tons
Refuse	Waimanalo Gulch	45.67 tons
Recycled Metal	Schnitzer Steel Hawaii Corp.	13.12 tons
Used Batteries	Melrod Company	65 batteries (24 car, 39 boat, 2 floor scrubber)
Electronic Waste	RRR Recycling Services Hawaii	85 items total -73 TVs, -4 computers, -5 monitors, -1 printer, -2 key pads)
Used Tires	Unitek Solvent Services	364 tires total -335 passenger/light truck, -25 truck/bus, -2 4-wheel/forklift, -1 motorcycle, -1 airplane

Storm drains at KBPH are inspected and cleaned on a regular basis. The storm drain cleaning log is included in Appendix S. Please see BMP Table 7-1.

**BMP Table 7-1 Maintenance and Housekeeping Practices**

<i>Goal: To prevent pollutants from reaching the storm sewer system by using preventative maintenance practices and BMPs.</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Designate appropriate sweeping frequencies and perform sweeping	Percentage of facilities for which a written schedule is made and sweeping performed	100% of facilities	Common area schedule already in-place	Harbors Maintenance Management and Personnel; tenants	Common areas and facilities with contracts with Harbors are swept according to a schedule
Designate appropriate drainage system maintenance and perform maintenance according to priority	Percentage of drainage systems that have been designated as urgent that have been cleaned	100% of urgent drainage systems	On-going	Harbors Maintenance Management and Personnel; tenants	Drain inspection and cleaning program in effect

Goal: To prevent pollutants from reaching the storm sewer system by using preventative maintenance practices and BMPs.					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Provide general instructions for identification, storage, use, collection and treatment of drainage and housekeeping educational materials to tenants	Percentage of tenants to which educational materials have been provided	100% of tenants	May 2012	Harbors Environmental Section	Instructions Provided in Harbors Stormwater training
Provide training to employees	Percentage of employees to whom training has been provided	100% of employees	Ongoing	Harbors Environmental Section	Maintenance staff has been trained on general stormwater pollution prevention. Please see Appendix O

### 7.2.1 Review of Wash Areas, Dry Wells, and Infiltration Sinks

Beginning in 2011, Harbors Division began to allow tenants to formally submit applications to perform permitted washing activities.

The EPA stormwater BMP for Municipal Vehicle and Equipment Washing states the following:

*"If a vehicle must be washed outside of a facility plumbed to the sanitary sewer, take precautions to avoid wash water discharges to the storm drain system. 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."*

-USEPA Website Reference: <http://cfpub.epa.gov/npdes/stormwater/menuofbmps>

Harbors Division requires that applications for washing include the following information:

- ✓ What the tenant intends to wash;
- ✓ Equipment used (i.e. pressure sprayer, hose, etc.) and flow rate;
- ✓ Wash water containment method (permanent wash rack, temporary berm, etc.);
- ✓ Wash water capture method (vacuum truck, evaporation, etc.);
- ✓ Wash water collection container capacity; and
- ✓ Wash water disposal method.

Tenants are prohibited from washing equipment and vehicles until Harbors Division verifies that these washing activities do not create a potential hazard to the receiving waters. Harbors Division issues a formal letter of approval once these conditions are met. Currently there are no tenants approved to conduct washing activities at KBPH. The application and review process is tracked on an annual basis in BMP Table 7-2.

Harbors Division requires that applications for sinks or drains that are not connected to the sanitary sewer include the following information:

- ✓ The intended use of the sink;
- ✓ A list of substances that may be washed into the sink (i.e. bio-degradable soaps, dirt, etc.);
- ✓ Construction drawings for the sink;
- ✓ Proposed treatment of the water (filtration fabric, sand, carbon filters, oil-absorbent material, etc.);
- ✓ Final destination of wash water; and
- ✓ Routine maintenance schedule for the sink (replacement of filtration material).

Tenants are prohibited from using unapproved sinks until Harbors Division verifies that the sinks do not create a potential hazard to receiving waters. Harbors Division may issue a formal letter of approval once these conditions are met. The application and review process is tracked on an annual basis in BMP Table 7-2. There were no applications for sinks or drywells in 2012.

**BMP Table 7-2      Review of Washing, Dry Wells, and Filtration Sinks**

<i>Goal: To prevent pollutants from reaching the storm sewer system by using preventative maintenance practices and BMPs.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Review applications for vehicle and equipment wash areas for stormwater concerns.	Number of applications submitted and reviewed.	100% of applications.	On-going	Harbors Environmental Section	No applications submitted.
Review applications for dry wells and infiltration sinks.	Number of applications submitted and reviewed.	100% of applications	On-going	Harbors Environmental Section	No applications submitted.

### **7.2.2      Tenant Education and Employee Training**

Tenants were educated about pollution prevention and good housekeeping practices at the annual Harbors training. A copy of the presentation and a record of attendance are located in Appendix E. A video entitled, "A Grate Concern," by EXCAL Visual Communications, was shown during the presentation and topics including the following were discussed:

- ✓ Control measures for pollution prevention;
- ✓ The hazards of illicit discharges;
- ✓ Typical illicit discharges;
- ✓ Spotting evidence of past illicit discharges; and

- ✓ Reporting procedures for illicit discharges.

Slides depict examples of proper and improper BMPs were also presented to illustrate acceptable procedures.

**BMP Table 7-3 Tenant Housekeeping Education and Employment Training**

<i>Goal: To prevent pollutants from reaching the storm sewer system by using preventative maintenance practices and BMPs.</i>					
<b>Activity</b>	<b>Evaluation Indicators</b>	<b>Milestones</b>	<b>Date Performed</b>	<b>Action Performed by</b>	<b>Status/ Comments</b>
Develop educational materials and distribute to tenants and contractors	Percentage of tenants in receipt of educational materials	100% of tenants	September 2012	Weston	Complete
Hold training sessions for employees tasked with maintenance activities	100% of employees trained	100% of employees	Ongoing	Harbors Environmental Section	General awareness training conducted in 2012. Please see Appendix O



## 8.0 ADDITIONAL ANNUAL COMPLIANCE REPORT REQUIREMENTS

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### 8.1 MODIFICATIONS TO THE SWMP

In 2009, per USEPA Order for Compliance, paragraph 1, the SWMP was revised to more comprehensively detail specific BMPs that will be implemented for each of the program minimum control measures, with underlying rationale for their selection and inclusion. Requirements to specify quantitative goals, provide metrics for improvement, and milestones for each of the BMPs; and the name or position title and affiliation of the person or persons responsible for implementation or coordination of each program component are now tracked through the ACR.

Harbors Division is currently revising the SWMP and will submit to USEPA and HDOH for review upon completion. The SWMP revisions are anticipated to be completed in 2013.

### 8.2 MODIFICATIONS TO THE SMALL MS4

No major modifications have been made to the Small MS4 during the 2012 calendar year. A copy of the outfall map is available in Appendix I.

### 8.3 SUMMARY OF PLANNED ACTIVITIES

The following summary of planned activities is organized by minimum control measures.

#### 8.3.1 Public Education and Outreach

- ✓ Add additional educational materials;
- ✓ Record hotline inquiries and track response time;
- ✓ Post signs that advise against illegal dumping;
- ✓ Set up and solicit a volunteer activity;
- ✓ Sponsor an advertisement in a targeted periodical;
- ✓ Monitor ship cargo loading and unloading;
- ✓ Develop and maintain an inventory of ships and agents responsible for tracking vessel operators;
- ✓ Provide educational materials to vessel operators;
- ✓ Keep tenant inventory up-to-date;

- ✓ Add findings, follow-up to the database; and
- ✓ Keep track of number of hours from hotline call to response.

### **8.3.2 Public Involvement**

- ✓ Post SWMP to the Harbors website for public review and comment when completed and
- ✓ Track comments and include them in the ACR for 2013

### **8.3.3 Illicit Discharge Detection and Elimination**

- ✓ Create a comprehensive list of NSWDS and control measures for all tenants;
- ✓ Continue procedures outlined in the TIEP;
- ✓ Conduct dry and wet weather ORI; and
- ✓ Perform follow-up on dry weather NSWDS observations.

### **8.3.4 Construction Site Runoff Control**

- ✓ Perform construction site plan and permit reviews;
- ✓ Continue to include Water Pollution Prevention specifications in contractor solicitation documents;
- ✓ Report and implement enforcement procedures against construction sites that are found to be out of compliance ;
- ✓ Perform construction site inspections to identify possible sources of pollution and to ensure BMP's are providing an appropriate level of pollution prevention. Inspections will specifically target the following; and
  - Require stockpiling or immediate access to materials for erosion prevention and sediment control;
  - Require erosion prevention and sediment controls at all construction projects;
  - Require construction site operators to implement appropriate erosion prevention and sediment control BMPs; and
  - Require construction site operators to implement BMPs appropriate for the control of waste and other potential pollutant sources.
- ✓ Provide educational materials to contractors for construction projects.

### **8.3.5 Post-Construction Stormwater Management**

- ✓ Inventory existing BMPs if found during tenant inspections;
- ✓ Perform follow-up construction site permit reviews;
- ✓ Enforce the incorporation of LIDS into new development meeting criteria;
- ✓ Ensure post-construction structural/non-structural BMPs are in place to minimize water quality impacts and attempt to maintain pre-development runoff conditions;

- ✓ Ensure the longevity of post-construction BMPs via the creation of a long-term operation and maintenance programs;
- ✓ Generate and distribute educational materials annually to tenants and maintain educational materials on the Harbors Division Stormwater Management website; and
- ✓ Conduct annual tenant training workshop.

#### **8.3.6                   Pollution Prevention/Good Housekeeping**

- ✓ Continue the ongoing maintenance of tenant and Harbors facilities;
- ✓ Require all tenants that wish to perform wash activities to submit applications for washing vehicles and equipment with proper controls and procedures to prevent pollution of receiving waters. Track review and approval process;
- ✓ Harbors will expand its maintenance program to include preventative maintenance of the storm drainage system, internal record keeping and scheduling, and appropriate training of employees; and
- ✓ Perform inspections at the frequency determined by risk ranking criteria and conduct annual training to ensure tenant's compliance with employee training, pollution prevention, and good housekeeping requirements.

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**APPENDIX A**  
**NGPC FROM HDOH AND 2007 LETTER OF**  
**EXTENSION**

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LINDA LINGLE  
GOVERNOR OF HAWAII



WYOMEL L. FUKINO, M.D.  
DIRECTOR OF HEALTH

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. BOX 3378  
HONOLULU, HAWAII 96801-3378

IC.  
In reply, please refer to:  
EMD / CWB

03KB488.FNL

May 19, 2003

The Honorable Rodney K. Haraga  
Director  
Department of Transportation  
State of Hawaii  
869 Punchbowl Street  
Honolulu, Hawaii 96813

Attention: Mr. Fred Nunes  
Harbors Division  
Engineering Program Manager

Dear Mr. Haraga:

Subject: NOTICE OF GENERAL PERMIT COVERAGE (NGPC)  
National Pollutant Discharge Elimination System (NPDES)  
Kalaeloa Barbers Point Harbor Small Municipal Separate Storm Sewer System  
Kapolei, Oahu, Hawaii  
File No. HI 03KB488

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. § 1251 et seq.; the "Act"); Chapter 342D, Hawaii Revised Statutes; and Chapters 11-54 and 11-55, Hawaii Administrative Rules (HAR), Department of Health (DOH), State of Hawaii,

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HARBORS DIVISION

(hereinafter "PERMITTEE")

authorized to discharge storm water runoff and certain non-storm water discharges as identified in Section 2.b. of this NGPC from the Hawaii Department of Transportation, Harbors Division (DOT-Harbors) Small Municipal Separate Storm Sewer System (Small MS4) outfalls identified in the Notice of Intent (NOI), dated March 7, 2003, and additional Small MS4 outfalls that may be identified from time to time by the DOT-Harbors, to the receiving waters named Kalaeloa Barbers Point Harbor, a Class A, Marine Water Embayment.

This NGPC is subject to the Permittee's compliance with:

- HAR, Chapter 11-55, Appendix K, NPDES General Permit Authorizing Discharges of Storm Water and Certain Non-Storm Water Discharges from Small Municipal Separate Storm Sewer Systems.
- HAR, Chapter 11-55, Appendix A, DOH, Standard General Permit Conditions.
- HAR, Sections 11-55-34.04(a), 11-55-34.07, 11-55-34.11, 11-55-34.12, and any other applicable Sections of HAR, Chapter 11-55.

The Permittee shall, but not be limited to, comply with the following General Requirements, Discharge Monitoring Requirements, and Reporting Requirements.

#### 1. GENERAL REQUIREMENTS

The Permittee shall:

- a. Comply with all materials submitted in and with the NOI, dated March 7, 2003.
- b. Retain a copy of the NOI; the submitted Storm Water Management Plan (SWMP), and all subsequent revisions; and this NGPC at the facility.
- c. Ensure that anyone working under this NGPC complies with the terms and conditions of this NGPC.
- d. Revise the SWMP if any discharge limitation or water quality standards established in HAR, Section 11-54-04 for marine waters are exceeded. The revisions shall include Best Management Practices (BMPs) and/or other measures to reduce the amount of pollutants found to be in exceedance from entering State waters.
- e. Obtain all necessary permits, certifications, approvals, etc. from all pertinent agencies for the subject project.
- f. Include the file number, HI 03KB488, and the following certification with all information required under this NGPC:

**"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the**

information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

- g. Submit all information required under this NGPC to the following address:

Director of Health  
Clean Water Branch  
Environmental Management Division  
State Department of Health  
P.O. Box 3378  
Honolulu, HI 96801-3378

## 2. DISCHARGE MONITORING REQUIREMENTS

- a. The Permittee shall effectively prohibit non-storm water discharges through its system into State waters. NPDES permitted discharges and discharges identified in Section 2.b. of this NGPC are exempt from this prohibition.
- b. The following non-storm water discharges may be discharged into DOT-Harbors’ Small MS4 without an NPDES permit, provided that the DOT-Harbors determines that such discharges will not contain pollutants in amounts that will cause or contribute to a violation of an applicable water quality standard and the SWMP shall “identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge.”
- i. Water line flushing;
  - ii. Landscape irrigation;
  - iii. Diverted stream flows;
  - iv. Rising ground waters;
  - v. Uncontaminated ground water infiltration (as defined in Title 40, Code of Federal Regulations (40 CFR) §35.2005(20));

- vi. Uncontaminated pumped ground water;
  - vii. Discharges from potable water sources and foundation drains;
  - viii. Air conditioning condensate;
  - ix. Irrigation water;
  - x. Springs;
  - xi. Water from crawl space pumps and footing drains;
  - xii. Lawn watering runoff;
  - xiii. Water from individual residential car washing;
  - xiv. Flows from riparian habitats and wetlands;
  - xv. Dechlorinated swimming pool discharges;
  - xvi. Residual street wash water; and
  - xvii. Discharges or flows from fire fighting activities.
- c. The discharge of pollutants from the DOT-Harbors' Small MS4 shall be reduced to the maximum extent practicable.

### **3. REPORTING REQUIREMENTS**

The permittee shall:

- a. Develop, implement, and enforce the SWMP designed to reduce the discharge of pollutants from the DOT-Harbors' Small MS4 to the maximum extent practicable in order to protect water quality and satisfy the appropriate water quality requirements of the Act. In accordance with Section 6(a) of Appendix K, Chapter 11-55, HAR, the SWMP shall include the minimum control measures identified below:
  - i. Public Education and Outreach
  - ii. Public Involvement/Participation

- iii. Illicit Discharge Detection and Elimination
  - iv. Construction Site Runoff Control
  - v. Post-Construction Storm Water Management in New Development and Redevelopment
  - vi. Pollution Prevention/Good Housekeeping
- b. Submit the SWMP within 120 days of the Permittee's claimed automatic coverage which became effective on April 7, 2003.
- c. Develop measurable goals to gauge permit compliance and program effectiveness for each minimum control measure identified above. The permittee shall select measurable goals using an integrated approach that fully addresses the requirements and intent of the minimum control measure.
- d. Report in writing any proposed modification described in accordance with Section 6(c)(1) of Appendix K, Chapter 11-55, HAR, to the DOH for approval at least thirty days prior to the initiation date of the modification. The permittee shall report and justify all other modifications made to the SWMP in the annual report for the year in which the modification was made.
- e. Submit an annual report by January 28th of the following year in accordance with Section 9(a) of Appendix K, Chapter 11-55, HAR. The annual report shall cover each calendar year during the term of this NGPC and include the following:
- i. Status of compliance with conditions of this NGPC;
  - ii. Assessment of the SWMP, including progress towards implementing each minimum control measure;
  - iii. Modifications made to the SWMP and implementation schedule during that calendar year, including justifications;
  - iv. Summary of the storm water activities planned to be undertaken during the next calendar year; and
  - v. Major modifications made to DOT-Harbors' Small MS4, including, but not limited to, addition and removal of outfalls, drainage lines, and treatment facilities.

- f. Properly address all modifications, concerns, requests and/or comments to the DOH's satisfaction.
  - i. SWMP Modifications - The storm water pollution control activities described in the SWMP may need to be modified, revised, or amended from time to time over the life of the NGPC to respond to changed conditions and to incorporate more effective approaches to pollutant control. Minor changes may be proposed by the Permittee or requested by the DOH. Proposed changes that imply a major reduction in the overall scope and/or level of effort of the SWMP must be made for cause and in compliance with 40 CFR Section 122.62 and Part 124.
  - ii. System Modifications include any planned physical alterations or additions to the permitted Small MS4, any existing outfalls newly identified over the term of this NGPC.

This NGPC will take effect on the date of this notice. This NGPC will expire at midnight, November 6, 2007, or when amendments to HAR, Chapter 11-55, Appendix K, are adopted, whichever occurs first.

If you have any questions, please contact Ms. Joanna L. Seto of the Engineering Section, Clean Water Branch, at 586-4309.

Sincerely,



CHIYOME L. FUKINO, M.D.  
Director of Health

- Enclosures:
- 1. HAR, Sections 11-55-01 and 11-55-34 to 11-55-34.12
  - 2. HAR, Chapter 11-55, Appendices A and K
  - 3. Title 40, CFR Citations as referenced in HAR, Chapter 11-55, Water Pollution Control, Appendix A
- c: Mr. Fred Nunes, Engineering Program Manager, DOT-Harbors (w/o encls.)  
[via fax 587-1864 only]  
Mr. Charles G. Schuster, P.E., Edward K. Noda and Associates, Inc. (w/ Receipt No. 03552 for \$500 Filing Fee only)

LINDA LINGLE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P. O. BOX 3378  
HONOLULU, HI 96801-3378

CHIYOME L. FUKINO, M.D.  
DIRECTOR OF HEALTH

In reply, please refer to:  
DOH/CWB

03KB488.EXT

October 19, 2007

The Honorable Barry Fukunaga  
Director  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

Attention: Mr. Frederick S. Nunes, P.E.  
Engineering Program Manager  
Harbors Division

Dear Mr. Fukunaga:

**Subject: Administrative Extension of  
Notice of General Permit Coverage (NGPC)  
Kalaeloa Barbers Point Harbor  
Kalaeloa, Oahu, Hawaii  
File No. HI 03KB488**

The Department of Health (Department), Clean Water Branch (CWB) acknowledges receipt of your Notice of Intent (NOI) and \$500 filing fee for coverage under the National Pollutant Discharge Elimination System general permit provisions, in accordance with the Hawaii Administrative Rules (HAR), Section 11-55-34.08.

The Department is unable to complete the processing of your project's NOI prior to the current NGPC expiration date. Therefore, in accordance with HAR, Section 11-55-34.09(d), the Department hereby administratively extends the subject NGPC until a notice of renewed coverage under the applicable general permit is issued or until notified by the Department, whichever occurs first. Please note that the Department may request you submit additional information in order to complete the processing of your NOI for the renewed coverage.

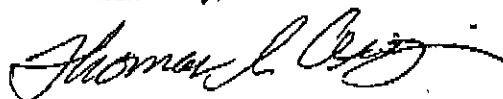
The Permittee shall not be held in violation of Hawaii Revised Statutes, Chapter 342D-6(h) and HAR, Chapter 11-55 during the pendency of its NOI, so long as it acts consistently with the NGPC presently granted. Any non-compliance with the conditions of the administratively extended NGPC may be subject to penalties of up to \$25,000 per violation per day.

It is the Permittee's responsibility to ensure that anyone working under this administrative extension of your NGPC understands and complies with the terms and conditions therein.

The Honorable Barry Fukunaga  
October 19, 2007  
Page 2

If you have any questions, please contact Ms. Joanna L. Seto, Supervisor of the Engineering Section, CWB, at 586-4309.

Sincerely,



FOR Chiyome Leinaala Fukino, M.D.  
Director of Health

c: Mr. Randal Leong, DOT-HAR [via fax 587-1864 only]  
Mr. Charles Schuster, EKNA Services, Inc. (w/Receipt No. 31732 for \$500 Filing Fee)



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**APPENDIX B**  
**TENANT LEASE AGREEMENT AND REVOCABLE**  
**PERMIT**

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# Lease Agreement Addendum 1

## Environmental Compliance - Lessee's Duties

### ADDENDUM 1

#### ENVIRONMENTAL COMPLIANCE – LESSEE'S DUTIES

##### A. Definitions.

For purposes of this Lease, Lessee agrees and understands that the following terms shall have the following meanings:

“Environmental Laws” shall mean all federal, state and local laws of every nature including statutes, ordinances, rules, regulations, codes, notices, standards, directives of every kind, guidelines, permits, licenses, authorizations, approvals, interpretations of the foregoing by any court, legislative body, agency or official, judicial decisions, orders, rulings or judgments, or rules of common law which currently are in effect or which may come into effect through enactment, issuance, promulgation, adoption or otherwise, which in any way pertain to, relate to, or have any relevance to the environment, health or safety. These environmental laws include, but are not limited to, regulations and orders of the federal Environmental Protection Agency and of the State of Hawaii Department of Health.

“Hazardous Substance” shall mean and include any chemical, substance, organic or inorganic material, controlled substance, object, condition, waste, living organism, or combination thereof which is, may be, or has been determined by proper state or federal authority under any environmental law to be, hazardous to human health or safety or detrimental to the environment. This term shall include, but not be limited to, petroleum hydrocarbons, asbestos, radon, polychlorinated biphenyls (PCBs), methane, and other materials or substances that are regulated by state or federal authorities.

##### B. Lessee's Activities and Duties.

**1. Compliance with Environmental Laws.** Lessee agrees, at its sole expense and cost, to comply with all environmental laws that apply to the leased premises during the term of this lease, and Lessee's occupancy of, and activities on, the leased premises. This duty shall survive the expiration or termination of this lease which means that the Lessee's duty to comply with environmental laws shall include complying with all environmental laws, regulations and orders that may apply, or be determined to apply, to the occupancy and activities of the Lessee on the leased premises after the expiration or termination of this lease. Failure of the Lessee to comply with any environmental laws shall constitute a breach of this lease for which the Lessor shall be entitled, in its discretion, to terminate this lease and take any other action at law or in equity it deems appropriate. Lessee shall conform its operations with 49 CFR, Part 195 (Pipeline Safety), and shall install Time Domain Reflectivity (TDR) cable leak detection and monitoring equipment, which meet or exceed industry standards, adjacent to the fuel pipelines and related facilities, to provide an indication of any leak occurrence from any fuel pipeline or containment

device. In addition, the Lessee shall install a secondary containment wall/vaulting to prevent releases into the environment. The Lessee shall also develop, implement, and follow a written integrity management program that addresses the risks of each pipeline, and provides for periodic assessment of the integrity of each pipeline through internal inspection, pressure testing, or other equally effective assessment means, on a regular basis.

**2. Hazardous Substances.** Lessee shall not use, store, treat, dispose, discharge, release, generate, create, or otherwise handle any Hazardous Substance, or allow the same by any third person, on the leased premises (with the exception of the intended routine management of the petroleum products within the proposed pipeline) without first obtaining the written consent of the Lessor and complying with all environmental laws, including giving all required notices, reporting to, and obtaining permits from, all appropriate authorities, and complying with all provisions of this lease.

**3. Notice to Lessor.** Lessee shall keep Lessor fully informed at all times regarding all environmental law related matters affecting the Lessee or the leased premises. This duty shall include, without limited the foregoing duty, providing the Lessor with a current and complete list and accounting of all hazardous substances of every kind which are present on or about the leased premises and with evidence that the Lessee has in effect all required and appropriate permits, licenses, registrations, approvals and other consents that may be required of or by federal and state authorities under all environmental laws. This duty shall also include providing immediate written notice of any investigation, enforcement action, remediation, or other regulatory action, order of any type, or any legal action, initiated, issued, or any indication of an intent to do so, communicated in anyway to the Lessee by any federal or state authority, or individual, which relates in any way to any environmental law, or any hazardous substance, and the Lessee or the leased premises. As part of this written notice to the Lessor, the Lessee shall also immediately provide the Lessor with copies of all written communications from individuals, or state and federal authorities, including copies of all correspondence, claims, complaints, warnings, reports, technical data and any other documents received or obtained by the Lessee. At least thirty days prior to termination of this lease, or termination of the possession of the leased premises by Lessee, Lessee shall provide the Lessor with written evidence satisfactory to the Lessor that Lessee has fully complied with all environmental laws, including any orders issued by any governmental authority to the Lessee that relate to the leased premises.

**4. Notice to Authorities.** Lessee shall provide written notice to the Environmental Protection Agency and the State of Hawaii Department of Health at least sixty days prior to the termination of this lease, or sixty days prior to Lessee's termination of possession of the leased premises, whichever occurs first, that Lessee intends to vacate the leased premises and terminate its operations on those leased premises. Lessee shall allow the agents or representatives of said authorities access to the leased premises at any and all reasonable times for the purpose of inspecting the leased premises, and taking samples of any material for inspection or testing for compliance with any environmental laws. Lessee shall provide copies of said written notices to Lessor at the time said notices are provided to said authorities.

**5. Disposal/Removal.** Except for materials that are lawfully sold in the ordinary course of the Lessee's business, Lessee shall cause any hazardous substances to be removed from the leased premises for disposal, and to be transported from the leased premises solely by duly licensed hazardous substances transporters, to duly licensed facilities for final disposal as

required by all applicable environmental laws. Lessee shall provide Lessor with copies of documentary proof, including manifests, receipts, or bills of lading, which reflect that said hazardous substances have been properly removed and disposed of in accordance with all environmental laws.

**6. Environmental Investigations and Assessments.** The Lessee, at its sole cost and expense, shall cause to be conducted such investigations and assessments of the leased premises to determine the presence of any hazardous substance on, in, or under the leased premises as may be directed from time to time by the Lessor, in its sole discretion, or by any federal or state authority. The extent and number of any environmental investigations and assessments shall be determined by the Lessor or the federal or state authority directing said investigations and assessments to be conducted. Lessee shall retain a competent and qualified person or entity that is satisfactory to the Lessor or governmental authority, as the case may be, to conduct said investigations and assessments. Lessee shall direct said person or entity to provide the Lessor or governmental authority, if so requested, with testable portions of all samples of any soils, water, ground water, or other material that may be obtained for testing, and provide to the Lessor and the governmental authority written results of all tests on said samples upon completion of said testing.

**7. Remediation.** In the event that any hazardous substance is used, stored, treated, disposed on the premises, handled, discharged, released, or determined to be present on the leased premises, Lessee shall, at its sole expense and cost, remediate the leased premises of any hazardous substances, and dispose/remove said hazardous substance in accordance with paragraph 4. This duty to remediate includes strictly complying with all environmental laws and directives to the Lessee to remediate said hazardous substance from the Lessor. This duty to remediate shall include replacement of any materials, such as soils, so removed with material that is satisfactory to the Lessor and governmental authority, as the case may be. In the event Lessee does not remediate the leased premises to the same condition as it existed at the commencement of the lease, as determined by the Lessor, Lessee understands and agrees that Lessor may exercise its rights under the paragraph entitled Lessor's Right to Act, and until such time as the remediation is complete to the satisfaction of the Lessor, Lessee shall be liable for lease rent in the same manner and amount as if the lease had continued in effect during the period of remediation.

**8. Restoration and Surrender of Premises.** The Lessee hereby agrees to restore the leased premises, at its sole cost and expense, including the soil, water and structures on, in, or under the leased premises to the same condition as the premises existed at the commencement of this lease, fair wear and tear to the structures excepted. In the event Lessee does not restore the leased premises to the same condition as it existed at the commencement of the lease, as determined by the Lessor, Lessee understands and agrees that Lessor may exercise its rights under the paragraph entitled Lessor's Right to Act, and until such time as the restoration is complete to the satisfaction of the Lessor, Lessee shall be liable for lease rent in the same manner and amount as if the lease had continued in effect during the period of restoration.

**9. Lessor's Right to Act.** In the event Lessee fails for any reason to comply with any of its duties under this lease or under any environmental laws within the time set for doing so, or within a reasonable time as determined by the Lessor, Lessor shall have the right, but not the obligation, in its sole discretion, to perform those duties, or cause them to be performed. Lessee

hereby grants access to the leased premises at all reasonable hours to the Lessor, its agents, and anyone designated by the Lessor in order to perform said acts and duties. Any cost, expense, or liability of any type that may be incurred by the Lessor in performing said acts or duties shall be the sole responsibility of the Lessee, and Lessee hereby agrees to pay for those costs and expenses, and indemnify the Lessor for any liability incurred. This obligation shall extend to any costs and expenses incident to enforcement of Lessor's right to act, including litigation costs, attorneys fees, and the costs and fees for collection of said cost, expense or liability.

**10. Release and Indemnity.** Lessee hereby agrees to release the Lessor, its officers, agents, successors, and assigns from any liability of any kind, including, but not limited to, any liability for any damages, penalties, fines, judgments, or assessments that may be imposed or obtained by any person, agency, or governmental authority against the Lessee by reason of any hazardous substance that may be present by whatever means on, in or under the leased premises. The Lessee hereby agrees to indemnify, defend with counsel suitable to the Lessor, and hold harmless the Lessor from any liability that may arise in connection with, or by reason of, any occurrence involving any hazardous substance that may be alleged to be connected or related in any way with the leased premises, the Lessor's ownership of the premises, or this lease, including the presence of any hazardous substance on the leased premises.

**11. Surety/Performance Bond for Cleanup/Restoration.** At its sole cost and expense, Lessee shall provide the Lessor with a Bond, or other security satisfactory to Lessor, in the amount of \$100,000.00 to assure removal of any hazardous substances, and the remediation and restoration of the leased premises during the term of, and at the conclusion of the lease so as to comply with the terms of this lease to the satisfaction of the Lessor, and in order to comply with environmental laws. Lessee shall provide written evidence that said Bond or security has been secured by the Lessee, which evidence shall indicate the term during which said Bond or other security shall irrevocably remain in effect.

**12. Insurance.** Effective at the commencement of this lease, Lessee shall obtain and keep in force a comprehensive liability and property damage policy of insurance issued by an insurer licensed to do business in the State of Hawaii, with limits of indemnity coverage no less than \$1,000,000. Said policy of insurance shall provide coverage for personal injury or damage to property caused by hazardous substances or any occurrence that may constitute a violation of any environmental law by the Lessee. Said policy of insurance shall name the Lessor as an additional insured. Lessee shall provide proof of said insurance satisfactory to the Lessor which shall include, at a minimum, the coverage provided, and the term during which said policy shall be effective.

## **Excerpt from Standard Revocable Permit**

### **Environmental Compliance - Permittee's Duties**

#### **26. SPECIAL TERMS AND CONDITIONS.**

##### **ENVIRONMENTAL COMPLIANCE – PERMITTEE'S DUTIES**

###### **A. Definitions.**

For purposes of this Revocable Permit, Permittee agrees and understands that the following terms shall have the following meanings:

“Environmental Laws” shall mean all federal, state and local laws of every nature including statutes, ordinances, rules, regulations, codes, notices, standards, directives of every kind, guidelines, permits, licenses, authorizations, approvals, interpretations of the foregoing by any court, legislative body, agency or official, judicial decisions, orders, rulings or judgments, or rules of common law which currently are in effect or which may come into effect through enactment, issuance, promulgation, adoption or otherwise, which in any way pertain to, relate to, or have any relevance to the environment, health or safety. These environmental laws include, but are not limited to, regulations and orders of the federal Environmental Protection Agency and of the State of Hawaii Department of Health.

“Hazardous Substance” shall mean and include any chemical, substance, organic or inorganic material, controlled substance, object, condition, waste, living organism, or combination thereof which is, may be, or has been determined by proper state or federal authority under any environmental law to be, hazardous to human health or safety or detrimental to the environment. This term shall include, but not be limited to, petroleum hydrocarbons, asbestos, radon, polychlorinated biphenyls (PCBs), methane, and other materials or substances that are regulated by state or federal authorities.

###### **B. Permittee's Activities and Duties.**

**30 Compliance with Environmental Laws.** Permittee agrees, at its sole expense and cost, to comply with all environmental laws that apply to the premises during the term of this Revocable Permit, and Permittee's occupancy of, and activities on, the premises. This duty shall survive the expiration or termination of this Revocable Permit which means that the Permittee's duty to comply with environmental laws shall include complying with all environmental laws, regulations and orders that may apply, or be determined to apply, to the occupancy and activities of the Permittee on the premises after the expiration or termination of this Revocable Permit. Failure of the Permittee to comply with any environmental laws shall constitute a breach of this Revocable Permit for which the State shall be entitled, in its discretion, to terminate this Revocable Permit and take any other action at law or in equity it deems appropriate.

**40 Hazardous Substances.** Permittee shall not use, store, treat, dispose, discharge, release, generate, create, or otherwise handle any Hazardous Substance, or allow the same by any third

person, on the premises without first obtaining the written consent of the State and complying with all environmental laws, including giving all required notices, reporting to, and obtaining permits from, all appropriate authorities, and complying with all provisions of this Revocable Permit.

**3. Notice to the State.** Permittee shall keep the State fully informed at all times regarding all Environmental law related matters affecting the Permittee or the premises. This duty shall include, without limit to the foregoing duty, providing the State with a current and complete list and accounting of all hazardous substances of every kind which are present on or about the premises and with evidence that the Permittee has in effect all required and appropriate permits, licenses, registrations, approvals and other consents that may be required of or by federal and state authorities under all environmental laws. This duty shall also include providing immediate written notice of any investigation, enforcement action, remediation or other regulatory action, order of any type, or any legal action, initiated, issued, or any indication of an intent to do so, communicated in anyway to the Permittee by any federal or state authority or individual which relates in any way to any environmental law or any hazardous substance and the Permittee or the premises. This written notice to the State shall include the Permittee immediately providing the State with copies of all written communications from individuals or state and federal authorities, including copies of all correspondence, claims, complaints, warnings, reports, technical data and any other documents received or obtained by the Permittee. At least thirty (30) days prior to termination of this Revocable Permit, or termination of the possession of the premises by Permittee, which ever shall first occur, Permittee shall provide the State with written evidence satisfactory to the State that Permittee has fully complied with all environmental laws, including any orders issued by any governmental authority to the Permittee that relate to the premises.

**4. Notice to Authorities.** Permittee shall provide written notice to the Environmental Protection Agency and the State of Hawaii Department of Health at least sixty (60) days prior to the termination of this Revocable Permit, or sixty (60) days prior to Permittee's termination of possession of the premises, whichever occurs first, the fact that Permittee intends to vacate the premises and terminate its operations on those premises. Permittee shall allow the agents or representatives of said authorities access to the premises at any and all reasonable times for the purpose of inspecting the premises and taking samples of any material for inspection or testing for compliance with any environmental laws. Permittee shall provide copies of said written notices to the State at the time said notices are provided to said authorities.

**70 Disposal/Removal.** Except for materials that are lawfully sold in the ordinary course of the Permittee's business and for which the Permittee has obtained all required authorizations from appropriate authorities including the prior written permission of the State to have said substance on the premises, Permittee shall cause any hazardous substances to be removed from the premises for disposal. This duty shall include the transportation of said hazardous substance from the premises solely by duly licensed hazardous substance transporters to duly licensed facilities for final disposal as required by all applicable environmental laws. Permittee shall provide the State with copies of documentary proof, including manifests, receipts or bills of lading, which reflect that said hazardous substances have been properly removed and disposed of in accordance with all environmental laws.

**80 Environmental Investigations and Assessments.** The Permittee, at its sole cost and expense, shall cause to be conducted such investigations and assessments of the premises to determine the presence of any hazardous substance on, in, or under the premises as may be directed from time to time by the State, in its sole discretion, or by any federal or state authority. The extent



and number of any environmental investigations and assessments shall be determined by the State or the federal or state authority directing said investigations and assessments to be conducted. Permittee shall retain a competent and qualified person or entity that is satisfactory to the State or governmental authority, as the case may be, to conduct said investigations and assessments. Permittee shall direct said person or entity to provide the State or governmental authority, if so requested, with testable portions of all samples of any soils, water, ground water or other material that may be obtained for testing and provide directly to the State and the governmental authority at the sole expense of the Permittee written results of all tests on said samples upon completion of said testing.

**90 Remediation.** In the event that any hazardous substance is used, stored, treated, disposed on the premises, handled, discharged, released, or determined to be present on the premises, or to have migrated from the premises, Permittee shall, at its sole expense and cost, remediate the premises, or any location off the premises to which it is determined that the hazardous substance has migrated, of any hazardous substances. Said duty to remediate includes the removal and disposal of said hazardous substances in accordance with paragraph 5. This duty to remediate includes strictly complying with all environmental laws and directives to remediate said hazardous substance issued from the State or any federal or State governmental authority charged with enforcing the Environmental laws. This duty to remediate shall include replacement of any materials, such as soils, removed with material that is satisfactory to the State and governmental authority, as the case may be.

**:0 Restoration and Surrender of Premises.** The Permittee hereby agrees to restore the premises, at its sole cost and expense, including the soil, water and structures on, in, or under the premises, to the same condition as the premises existed at the commencement of this Revocable Permit, fair wear and tear to the structures excepted. In the event Permittee does not restore the premises to the same condition as it existed at the commencement of the Revocable Permit, as determined by the State, the Permittee understands and agrees that the State may exercise its rights under the paragraph entitled State's Right to Act, and until such time as the restoration is complete to the satisfaction of the State, Permittee shall be liable for Revocable Permit rent in the same manner and amount as if the Revocable Permit had continued in effect during the period of restoration.

**;0 State's Right to Act.** In the event the Permittee fails for any reason to comply with any of its duties under this Revocable Permit or under any environmental laws within the time set for doing so, or within a reasonable time as determined by the State, the State shall have the right, but not the obligation, in its sole discretion, to perform those duties, or cause them to be performed. Permittee hereby grants access to the premises at all reasonable hours to the State, its agents and anyone designated by the State in order to perform said acts and duties. Any cost, expense or liability of any type that may be incurred by the State in performing said acts or duties shall be the sole responsibility of the Permittee and Permittee hereby agrees to pay for those costs and expenses and indemnify the State for any liability incurred. This obligation shall extend to any costs and expenses incident to enforcement of State's right to act, including litigation costs, attorneys fees and the costs and fees for collection of said cost, expense or liability.

**10. Release and Indemnity.** Permittee hereby agrees to release the State, its officers, agents, successors and assigns from any liability of any kind, including, but not limited to, any liability for any damages, penalties, fines, judgments or assessments that may be imposed or

obtained by any person, agency or governmental authority against the State and/or the Permittee by reason of any hazardous substance that may be present by whatever means on, in or under the premises. The Permittee hereby agrees to indemnify, defend with counsel suitable to the State, and hold harmless the State from any liability that may arise in connection with, or by reason of, any occurrence involving any hazardous substance that may be alleged to be connected or related in any way with the premises, the State's ownership of the premises, or this Revocable Permit, including the presence of any hazardous substance on the premises. Permittee understands and agrees that any assessments, fines or penalties that may be assessed against the Permittee or the State by reason of any environmental law violation concerning the premises shall be paid, complied with, and in every way satisfied by the Permittee and not the State.

**11. Surety/Performance Bond for Cleanup/Restoration.** At its sole cost and expense, Permittee shall provide the State with a Bond, or other security satisfactory to State, in the amount of \$ N/A to assure removal of any hazardous substances and the remediation and restoration of the premises during the term of, and at the conclusion of the Revocable Permit so as to comply with the terms of this Revocable Permit to the satisfaction of the State and in order to comply with environmental laws. Permittee shall provide written evidence that said Bond or security has been secured by the Permittee which evidence shall indicate the term during which said Bond or other security shall irrevocably remain in effect.

**340 Insurance.** Effective at the commencement of this Revocable Permit, Permittee shall obtain and keep in force a comprehensive liability and property damage policy of insurance issued by an insurer licensed to do business in the State of Hawaii with limits of indemnity coverage no less than \$500,000.00. Said policy of insurance shall provide coverage for personal injury and damage to property caused by hazardous substances or any occurrence that may constitute a violation of any environmental law by the Permittee or the State. Said policy of insurance shall name the State as an additional insured. Permittee shall provide proof of said insurance satisfactory to the State which shall include, at a minimum, the coverage provided and the term during which said policy shall be effective.

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## **APPENDIX C**

## **TENANT INVENTORY**

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### Kalaeloa Barbers Point Harbor Tenant Inventory

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permit No	Inspection POC	Phone Number
AES Corporation	869 North Nimitz Highway Honolulu, HI 96817-4517	H-89-14		0289-01-N	Sabrina Guanio; Robbie Lindstrom	(808) 682-3412, (808) 682-4113
Asphalt Hawaii	P.O. Box 78 Honolulu, Hawaii 96810	H-09-45		HIR70D366	Sara Thomas; Edward Au	(808) 203-2805, (808) 479-5670
Hawaii Cement	99-1300 Halawa Valley Street Aiea, HI 96701-3289	H-68-2; H-73-13; H-91-7; H-92-24; H-98-10	H-85-1303; H-95-1877; H- 07-2569		Dane Wurlitzer	(808) 532-3407, (808) 330-3910
Healy Tibbits Builders	99-994 Iwaena Street, Suite A Aiea, HI 96701		H-06-2538		Glen Toyama	(808) 682-6104, (808) 368-1581
Marisco. Ltd	91-607 Malakole Road Kapolei, HI 96707	H-07-33	H-99-2186; H-00-2224; H- 07-33; H-08-2615	HI 0021786	Stephen Hinton	(808) 306-5935, (808) 682-1333
McCabe, Hamilton & Renny	P.O. Box 210 Honolulu, HI 96810-0210		H-84-1225; H-90-1630; H- 93-1820; H-96-1911; H-97- 1935; H-99-2160; H-01- 2263; H-04-2464; H-06- 2548; H-07-2605;		Andrew Souza	(808) 479-0356
Sause Bros., Inc.	705 North Nimitz Highway, 2nd Floor Honolulu, HI 96817	H-03-14; H-10-50	H-01-2261; H-04-2449		Mike Leslie	(808) 690-3412
Trouble Free Corp.	P.O. Box 8260 Honolulu, HI 96830		H-03-2422		Chris Boyles	(808) 864-8864
Maritime License Center	707 Alakea Street, Suite 314 Honolulu, HI 96813		H-01-2298; H-02-2364		Charles Howard; Jason Allen	(808) 589-0123



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## **APPENDIX D**

## **TENANT MAILING**

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

HAR-EE  
2340.13

September 7, 2012

TO: HARBORS DIVISION TENANTS

FROM: RANDY GRUNE   
DEPUTY DIRECTOR - HARBORS

SUBJECT: MALAMA I KA WAI (PROTECT OUR WATERS)  
2012 STORM WATER AWARENESS TRAINING FOR HARBORS TENANTS

The Harbors Division has obtained coverage from the Hawaii Department of Health, Clean Water Branch to operate the storm water drainage systems which discharge into Honolulu Harbor and Kalaeloa Barbers Point Harbor. This conveyance system is known as a Small Municipal Separate Storm Sewer System (MS4). In order to maintain the water quality of State waters and prevent storm water pollution, all Harbors Division tenants on Oahu have the responsibility to comply with the terms of their tenancy documents and to attend storm water awareness training.

We will be conducting our annual mandatory storm water awareness training on September 19, 2012 at the Honolulu Harbor Pier 2 Cruise Terminal. Please send a representative from your company to either of the two sessions, from 9:30 am to 11:30 am or from 1:00 pm to 3:00 pm. Check-in will begin about a half hour before the sessions start. Parking is available at the Pier 2 Terminal parking lot at no charge.

We will share information with all of our tenants about the present status of our Storm Water Management Program (SWMP). The discussion will focus on the history and direction of the program and how it impacts your tenancy with Harbors Division including details about the upcoming inspections of your facility. Arrangements can be made for the inspections at the training. You may find information on the inspections in Appendix F of the SWMP document, which contains much information regarding storm water pollution prevention, found at: <http://hawaii.gov/dot/harbors/library/storm-management-plan>

Additionally, we will share what is considered an "illicit discharge" that poses a risk to the environment and what you should do if you observe one. We have enclosed information describing endorsed pollution prevention and good housekeeping Best Management Practices (BMP). Please share the information, as well as information previously sent you, with all of your employees.

As this annual storm water awareness training is mandatory for all Harbors Division tenants, tenants who fail to send a representative to one of the training sessions will see their facility risk-ranking

increase, indicating a higher potential for illicit discharges into the MS4 or other violations of State environmental regulations. A higher risk ranking may subject your facility to more inspections or other administrative actions as may be warranted by the individual situation.

If you have any questions, please contact Randal Leong, Environmental Engineer; Harbors Division Engineering Environmental Section at 587-1962.

Enc.



# Storm Water 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 storm water run-off. Implementation of BMPs is required to prevent or reduce petroleum pollutants from entering the storm water 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 storm water.

- Avoid positioning upstream or adjacent to storm drainage features.
- Utilize impervious surfaces and containment designed to prevent storm water 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>

*The State Department of Transportation, Harbors Division has developed the Storm Water Management Program (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://hawaii.gov/dot/harbors/library/storm-management-plan>*





# Storm Water

## 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 must 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 transport 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:

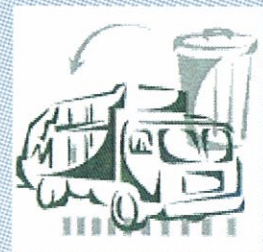
- Only use environmentally friendly materials for maintenance to reduce the need for regulated disposal.
- Reduce the inventory of hazardous materials stored on site to avoid regulated disposal due to shelf-life expiration. **REMEMBER – If you do not need it, do not store it!**

*The State Department of Transportation, Harbors Division has developed the Storm Water Management Program (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://hawaii.gov/dot/harbors/library/storm-management-plan>



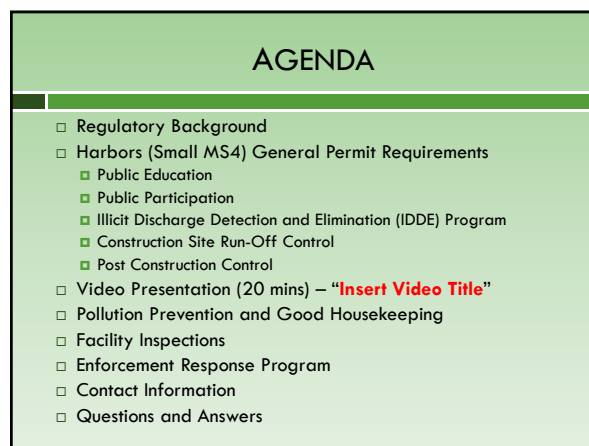
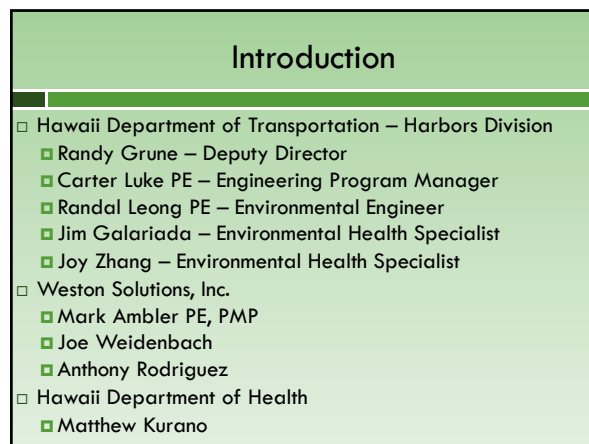
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## **APPENDIX E**

# **HARBORS TENANT TRAINING RECORDS**

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## FEDERAL REGULATORY BACKGROUND

- Clean Water Act (40 CFR 100-149)
  - 1972 Clean Water Act– Swimmable, Fishable
  - 1987 Amendments – NPDES (National Pollutant Discharge Elimination System) regulations
- NPDES – Environmental Protection Agency Regulatory Authority
  - Phase I issued in 1990 – Individual Permit
    - Industrial Facilities (PENDING MODIFICATION AND RENEWAL)
    - Construction Sites > 5 acres (PENDING MODIFICATION AND RENEWAL)
    - Medium and Large Municipal Separate Storm Sewer System (MS4)
  - Phase II issued in 1999 – General Permit
    - Small MS4
    - Construction Sites > 1 acre, < 5 acres (PENDING MODIFICATION AND RENEWAL)
- MS4 – conveyance that is owned by a state, city, town, village, or other public entity that discharges to waters of the U.S.; designed or used to collect or convey stormwater; and not combined with sewer.



## Hawaii Regulatory Background

- NPDES regulatory authority is administered by Hawaii Department of Health
- Hawaii Administrative Rules (HAR)
  - Title 11 Chapter 55 (11-55)
    - Water Pollution Control
  - Appendix K
    - NPDES General Permit Authorizing Discharges of Storm Water and Certain Non-Storm Discharges from Small MS4s
- Harbors Division – Notice of General Permit Coverage (NGPC)
  - HI 03KB482 – Honolulu Harbor Permit
  - HI 03KB488 – Kalaheo Barbers Point Harbor Permit



## RECENT PROGRAM HISTORY

- HDOT Harbors General Permit – May 19, 2003
- EPA Audit – December 2008
- Finding of Violation – June 18, 2009
- Tenant Inspections – 2009 (44)
- Inspection Reports – 2010
- Stormwater Management Plan Revision – Dec 2009
- Tenant Inspections – 2010 (All)
- Deficiency Letters – 2011
- Tenant Inspections – 2011 (All)
- Deficiency Letters and Eviction Notices – 2012
- EPA Audit – May 2012

## GENERAL PERMIT REQUIREMENTS

### Minimum Control Measures

#### Each Minimum Control Measure Requires:

- Written Plan – SWMP
- BMP Implementation
- Training
- Reporting
- Enforcement

- Public Education & Outreach
- Public Participation & Involvement
- Illicit Discharge Detection & Elimination
- Construction Site Runoff Control
- Post-Construction Runoff Control
- Pollution Prevention & Good Housekeeping

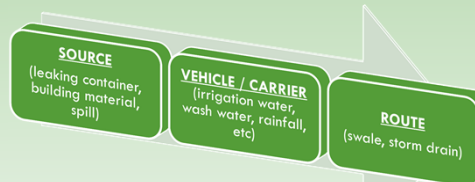
## General Permit Allowable Discharges\*

- Water Line Flushing
- Landscape Irrigation
- Diverted Stream Flows
- Rising Ground Water
- Uncontaminated Ground Water Infiltration
- Uncontaminated Pumped Ground Water
- Discharges from Potable Water Sources
- Air Conditioning Condensate
- Crawl Space Pumps and Footing Drains
- Dechlorinated Swimming Pool Water
- Discharges from Fire Fighting Activities

\* Unless discharges "Cause or contribute to water quality objective exceedances."

## UNDERSTANDING POLLUTANT TRANSPORT AND MANAGEMENT STRATEGIES

Understanding the source, vehicle, and route of storm drain pollution is key to cost effectively managing facilities and discharges.





## STORM WATER BEST MANAGEMENT PRACTICES

### What Are They?

Administrative and structural controls are utilized to

- remove,
- contain, or
- treat pollutants

through

- Source removal,
- Preventative containment, and
- Capture/treatment methods.

### Administrative Controls

- Laws and ordinances
- Leases and tenant agreements
- Inspections
- Housekeeping
- Material Handling and Storage Practices
- Maintenance Schedules

### Structural Controls

- Secondary Containment
- Berms
- Washracks
- Silt Fencing
- Exclusion
- Drain Inlet Protection, etc...

## Minimum Control Measure 1 TENANT SELF INSPECTION FORM

2009  
68.6%

2010  
49.1%

2011  
49.1%

Goal  
90%

**NEW RULE: NO SHOW = DEFICIENCY & INCREASED RISK RANK**

## Minimum Control Measures 1&2 Public Outreach & Participation

<http://www.state.hi.us/dot/harbors/oahu/storm.htm>



## Minimum Control Measure 3 Illicit Discharge Detection & Elimination (IDDE) Program

### Common sources of illicit discharges include -

- Sewage inflows from leaking sewage collection and transmission lines
- Commercial carwash and laundry wastewater
- Floor washing to shop drains
- Commercial Vehicle and Equipment washwater
- Potable line flushing that runs across hardscapes
- Pumping of vaults or trenches
- Construction activities
- Liquid wastes containing oil, paint, and process water
- Waste water from manufacturing or equipment processes
- Pesticides, herbicides, and other industrial chemicals



## Minimum Control Measure 3 IDDE and Outfall Inspections

- Dry Weather Outfall Inspections will be performed to detect illicit discharges into outfalls.
- Dry Weather Flow indicates non-storm water discharges. Tracking these drain systems back to the source is an efficient way to detect Illicit.
- Utilize sampling, instruments, and observations to discern ground water vs potable water and presence of nutrients, toxic substances, sediments, bacteria, and general chemistry to "fingerprint" sources for abatement proceedings.



## ILLICIT DISCHARGES

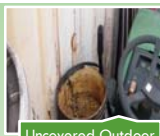


**DISCHARGE FROM VESSEL OR  
ALREADY MADE IT TO  
WATER?  
REPORT IT!!  
587-2076**

**LAND BASED SOURCES?  
REPORT IT!!  
587-1962**



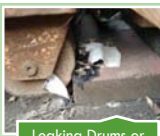
## REPORT THESE



Uncovered Outdoor Petroleum Storage



Overflowing Trash Bins



Leaking Drums or Rolloffs



Outdoor Sink Without Capture



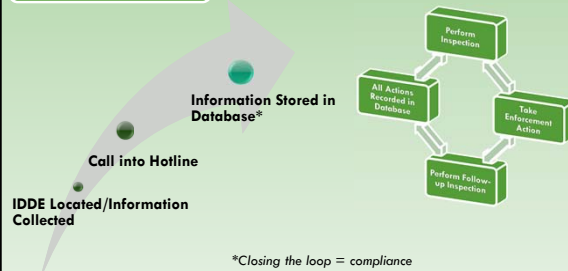
Vehicle Washing without Capture



Building Washing without Capture

## ILLECT DISCHARGE REPORTING

Compliance Hotline • (808) 587-1962



## Minimum Control Measure 4 CONSTRUCTION SITE RUNOFF CONTROL



### Common Problems Found During Inspections

No sediment controls on-site  
 No erosion prevention  
 No sediment control for temporary stockpiles  
 No inlet protection  
 No BMPs to minimize vehicle tracking on to the road  
 Vehicle Tracking onto Streets  
 Improper solid waste or hazardous materials management  
 Dewatering at the construction site  
 Poorly maintained BMPs

## BUILDING AND REMODELING

- All construction (even < 1 acre) must receive formal, written approval from HDOT Harbors Division
- All construction over 1 acre must receive NPDES permit from HDOH prior to breaking ground

## Waste Management (Source Control)

Exposed Waste Management  
 Subject to Rainfall and Birds



Unsecured / Unlocked  
 Dumpster – Trespassing –  
 Illegal Dumping

## Waste Management



Secured Enclosure – Minimized  
 Illegal Dumping. Add non-  
 galvanized corrugated roofing to  
 prevent rain runoff.



Secured Enclosure – Minimized  
 Illegal Dumping. Add non-  
 galvanized corrugated roofing to  
 prevent rain runoff.



ZERO RUNOFF SOLUTION

### Stockpiling (Source Control and Pollution Prevention)




Use Silt Fences to Contain Stockpiles



Cover Stockpiled Material  
\*Covers provide dust suppression and prevent polluted runoff.

### Silt Fencing (Treatment)




Inspection and maintenance of BMP's is as important as installing them. Improperly maintained silt fences are ineffective.



### Silt Fencing




Vegetated Swale!!



### Storm Drain Inlet Protection (Pollution Prevention)






### Storm Drain Inlet Protection






### Cleaning Equipment (source control)







## Construction Equipment Cleaning



## Minimum Control Measure 5 Post-Construction Design Features

Goal: Eliminate and minimize exposure of pollutants to storm water and to capture and infiltrate / treat.



## Minimum Control Measure 5 Post-Construction Controls

Considering water quality impacts early in the design process can provide long-term water quality benefits and lower administrative environmental management costs.

- Low-Impact Development
- Green Design
- Site Specific/Innovative BMPs
- Infiltration
- Filtration
- Retention/Detention
- Isolation/Separation of Runoff from Processes

### Retrofits you can use to manage your site:

Eliminating Curbs and Gutters  
Green Parking  
Green Roofs  
Rain Barrels / Cisterns  
Protection of Natural Features  
Urban Forestry  
Grassed Swales  
Infiltration Basin/Trench  
Permeable Pavement  
Porous Asphalt Pavement  
Vegetated Filter Strip  
Dry Detention Ponds  
Storm Water Wetland

## Minimum Control Measure 5 LOW-IMPACT DEVELOPMENT

- Significant Redevelopment = 5,000 ft<sup>2</sup>
- Report → Change in Peak Flow

TABLE 2-1 Sample Results Table for Change in Peak Runoff Flow Rate

Location	C <sub>i</sub>	C <sub>r</sub>	I (in/hr)	A (ft <sup>2</sup> )	Q <sub>i</sub> (cfs)
Porous Pavement Parking Lot	0.20	0.25	2.0	90,150	29.7
Vegetated Bio-Swales Surrounding Parking Lot	0.20	0.10	2.0	12,000	-7.9
Greenroof on Adjacent Storage Warehouse	1.0	0.10	2.0	1,000	-5.9
TOTAL CHANGE IN PEAK RUNOFF FLOW: 15.9					

- List BMPs
  - Bio-swale
  - Rain Barrels
  - Smart Irrigation
  - Etc.

## Minimum Control Measure 5 Post-Construction Structural Controls



Drainage Swales



Storm Water Retention Ponds



Green Roofs



## Minimum Control Measure 6 Pollution Prevention & Good Housekeeping

### VIDEO Presentation

"Storm Watch"  
Municipal Stormwater Pollution Prevention  
EXCAL Visual Communications





## Pollution Prevention & Good Housekeeping

- ❑ Inventory of Activities and Potential Pollutants
- ❑ Proper Labeling and Handling of Cleaners, Solvents, and Chemicals
- ❑ Organized Chemical Storage
- ❑ Responsible Disposal of Chemicals
- ❑ Storage Procedures should include covering stored metals
- ❑ Proper site drainage should be in place
- ❑ Proper Equipment/Material Storage
- ❑ Timely Equipment O&M
- ❑ Site maintenance and cleaning procedures should be in place. They should address environmental considerations and they should include BMP's



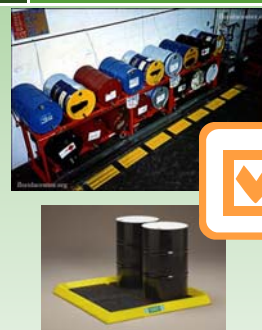
## Minimum Control Measure 6 Pollution Prevention & Good Housekeeping



## Minimum Control Measure 6 Pollution Prevention & Good Housekeeping



## Minimum Control Measure 6 Pollution Prevention & Good Housekeeping



All drums should be in good, working condition. Inspections should be held regularly and any drums with damage should be replaced immediately.



## Minimum Control Measure 6 Pollution Prevention & Good Housekeeping



Access to chemicals should be restricted to personnel trained in proper handling and disposal procedures; all must be labeled and have MSDS available

Flammable chemicals, solvents, and paints should be stored in a fireproof locker. Chemicals must be separated by compatibility

## Minimum Control Measure 6 Pollution Prevention & Good Housekeeping

Do not overfill



Trash bin kept covered when not in use



Keep trash and debris from accumulating around the bin, because storm water will carry it out to the ocean

### NEW PROGRAM VEHICLE AND EQUIPMENT WASHING

□ "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."<sup>1</sup>

<sup>1</sup> EPA Municipal Vehicle and Equipment Washing BMP Fact Sheet

Submit This for Approval:	... Then Have This Onsite:
What are you Washing?	<b>Wet Vacuum</b>
Pressure Sprayer Flow Rate	<b>Berm</b>
Vacuum Rate	<b>Proper Containment</b>
Berm/Drain Map	<b>Proper Waste Disposal</b>
Container Capacity	
Waste Disposal Plan	

### VEHICLE AND EQUIPMENT WASHING

- Formal, written approval
- Contain Wash Water
- NO Wash Water → Storm Drain
- Example: 3.5 GPM Spray → 7 GPM Vacuum
- Enough storage for job?
- Proper transport and disposal
- Is the rinsate staying onsite?

3.5 GPM SPRAYER

7 GPM VACUUM

350 GALLON TOTE FOR 1 HOUR WASH

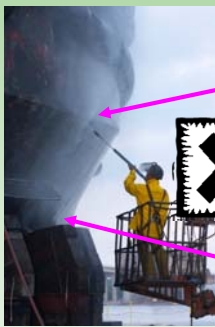
WHERE WILL THE RINSATE OR SLUDGE GO?

WHERE WILL THE SEDIMENT GO?

### Vehicle and Equipment Washing (Pollution Prevention)




### Vehicle and Equipment Washing (Pollution Prevention)



No grinding, painting, welding, or sand blasting

Containment and Collection is required!

### Vehicle and Equipment Washing



Permitted Vehicle Wash Rack





Temporary Only: Wash water and debris require off-site disposal; Minimize detergents and overspray

### Spill Prevention and Response

- PREVENTION FIRST!!
- Proper Storage
  - Secondary Containment
  - Protected from equipment damage
  - Install shut-off controls, overflow protection, etc...
  - Stored away from storm drains
- Proper filling and handling procedures
  - Use drip pans
  - Use drop cloths

Control

↓

Contain

↓

Capture

## Spill Prevention and Response

### SPILL RESPONSE

- Assess the Spill
  - What Spilled
  - How Much Spilled
  - Where did it Spill; Surface Water Impacted?
  - Toxic or Hazardous Substance?
- Stop the release
- Contain the Spill
- Clean the Spill
- Properly Dispose of Materials
- Report All Spills
  - Small Spills should be tracked internally
  - Large Spills
    - Harbors Environmental
    - Hawaii Department of Health
    - U.S. Coast Guard



## Secondary Containment



## Secondary Containment



Option: Add overhead coverage to eliminate exposure and reduce management of ponded water potentially containing pollutants



## Secondary Containment (Pollution Prevention)

- Keep locked to prevent unwanted discharge
- If excess storm water collects, inspect for sheen and/or test storm water to determine whether there are contaminants present



- If no contaminants present, supervise and document discharge of clean storm water and relock valve

## Spill Prevention and Response



Procedures should focus on prevention first. Then clean up if spills still occur



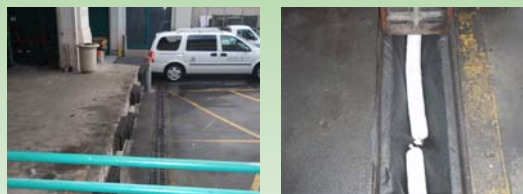
## Best Management Practices – Vehicle Pans/Pads



## Best Management Practices – Spill Kit



## Best Management Practices – Trench Drain



## Best Management Practices – Equipment Wash Area



## Best Management Practices – Covered Metal Bin



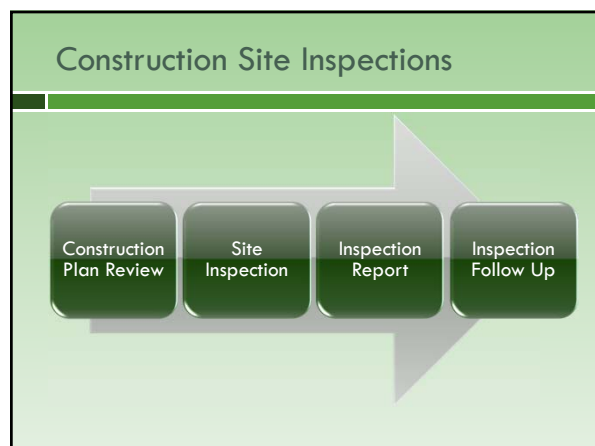
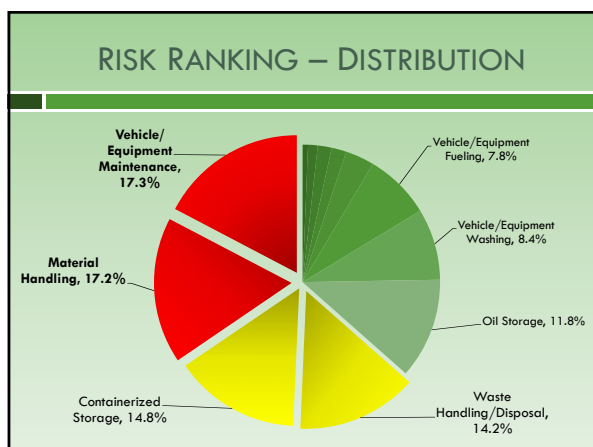
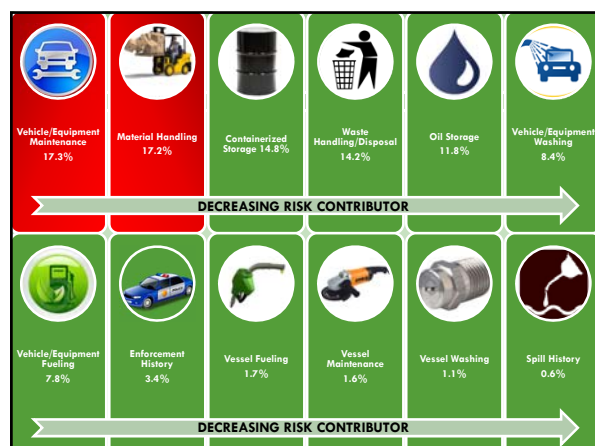
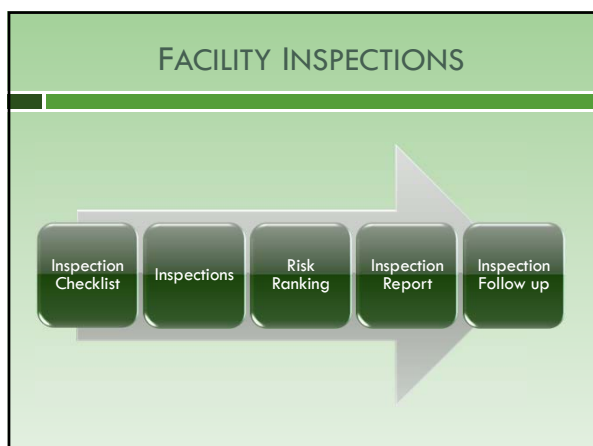
## Best Management Practices – Rain Barrel



## Tenant Facility Inspections

- ❑ 1 week notification
- ❑ High Priority Tenants First, then ALL TENANTS
- ❑ Inspection Checklist
- ❑ Inspection Report and Findings to be provided following Site Visits
- ❑ Follow-up Inspections will be scheduled if required
- ❑ SERIOUS VIOLATIONS WILL RESULT IN IMMEDIATE ACTION
  - Depending on the severity of the discharge, regulatory actions may be pursued.
  - All inspection results and actions will be added to our database.
- ❑ Risk ranking developed based on findings





## ENFORCEMENT ACTIONS

### Regulatory Mechanisms

- Hawaii Administrative Rules (HAR)
- Hawaii Revised Statutes (HRS)
- Tenant Leases/Revocable Permits / Construction contracts
- 40 CFR - Clean Water Act & NPDES
- Other Applicable State & Federal Regulations

### Penalties for Lack of Compliance (dependant on severity of violation)

- **VERBAL WARNINGS**
- **WRITTEN NOTICES**
- Citation with Monetary Fines
- Stop Work Orders
- Abatement by Harbors Division with Reimbursement by the Responsible Party
- **LEASE OR RP TERMINATION (TENANT)**
- Referral to HDOH or Other Appropriate Regulatory Agency

## VESSELS

### SMALL VESSEL GENERAL PERMIT - GENERAL REQUIREMENTS

COMING  
12/18/2013



Minimize the potential for substances or pollutants to accidentally enter the effluent, including spills.




The discharge of antifreeze into waters subject to this permit must be minimized. For vessel engines that have been winterized, maintenance can be achieved by draining antifreeze from the engine prior to startup or repairing antifreeze when discharged from the engine compartment. The discharge of antifreeze with toxic or known carcinogenic additives, such as ethylene glycol and methanol, is prohibited.



May not contain visible garbage in the effluent.



When facilities, cleaning, maintenance, and repair jobs should be done while the vessel is out of the water or in drydock.



May not use any dispersants, cleaners, chemicals, or other materials or emulsifiers that would remove the appearance of a visible sheen.



Any soaps, detergents or cleaners used must be non-toxic, phosphate-free, and biodegradable. Phosphate-free soap contains less than 0.5% of phosphorus or derivatives of phosphorus.



Minimize the introduction of constituents of concern or pollutants, such as foam or floating solids.



Oil, including oily mixtures, may not be discharged in quantities that may be harmful or cause a visible sheen.



Any spill of oil or other harmful chemicals that are discharged in a quantity that may be harmful or cause a visible sheen is prohibited under 40 CFR Part 115, 40 CFR Part 117, or 40 CFR Part 122, must be reported immediately to the National Response Center at 1-800-424-8802. The National Response Center can also be reached through their website at [www.nrc.gov](http://www.nrc.gov).

## SMALL VESSEL GENERAL PERMIT DECK WASH DOWN, RUNOFF, ABOVE WATER LINE HULL CLEANING



Use all soaps and cleaners as directed by the label.



Any soaps, detergents, or cleaners used on the vessel must be non-toxic, phosphate-free, and biodegradable. The use of soaps that are labeled toxic or highly toxic is prohibited under this permit.



Prevent the introduction of on-deck debris, garbage, residue, and spills into deck wash down and runoff discharges.



Minimize the discharge of paint chips and residue, especially during cleaning, maintenance, paint application, and repainting. When performing these activities, collect and then dispose of chips and residues onshore in accordance with applicable requirements for the facility where operations are performed.

## SMALL VESSEL GENERAL PERMIT VESSEL HULL MAINTENANCE



If the vessel is equipped with an anti-fouling system, you must minimize the impact of that system or the discharges resulting from anti-fouling points on the aquatic environment. Tributyltin (TBT) is prohibited.



Do not clean anti-fouling point which releases biocides for the first 90 days after application.



If the anti-fouling point requires cleaning, gently clean hulls on a regular basis (this minimizes the need for stronger cleaners and more abrasive brushes).



When cleaning hulls coated with anti-fouling point while the vessel is in the water, use only soft sponges.



When cleaning hulls coated with anti-fouling point while the vessel is out of the water, always work away from the water in a location where paint chips and dust will not be washed into the water.



Vessel hulls must be periodically inspected, and if necessary, cleaned to prevent the spread or dispersal of potentially invasive species.



Minimize the transport of any visible living aquatic organisms from one waterbody to another by regularly cleaning and maintaining the hull.



Prior to transporting the vessel from one waterbody to another landward, you must inspect the visible areas of the vessel for any attached or visible stowaway living organisms. If organisms are found, they must be removed and appropriately discarded onshore.

## SMALL VESSEL GENERAL PERMIT FISH HOLD EFFLUENT



If you are unloading your catch at a shore-based seafood processor or other pier and a shore-based discharge facility is available and economically achievable, you must discharge your effluent (including dirty ice) to that shore-based facility instead of discharging to surrounding waters.



Do not discard any unused bait overboard, unless you caught that bait in that waterbody or watershed. Unused bait purchased from a bait shop or dealer may not be discharged overboard.



Minimize the discharge of fish hold water or ice while in port. All reasonable steps must be taken to prevent the discharge of excess fish hold water and ice while the vessel is stationary at the pier. If solid fish waste is contained in the fish hold effluent, the fish hold effluent may not be discharged while in port, unless a physical separation method is used (e.g. filters or removal of residuals).



When cleaning your fish hold, you must use non-toxic, phosphate-free, and biodegradable soaps and cleaners. Furthermore, while pierside and stationary, you may not wash any residual solids into surrounding waters.

## SMALL VESSEL GENERAL PERMIT MONITORING AND RECORDKEEPING

### 3.1 RECORDKEEPING REQUIREMENTS

- All vessel owner/operators must read and sign the PARI Form found in Appendix A of this permit. This form must be signed and kept on board the vessel at all times to maintain valid vGQP coverage.
- The vessel owner/operator must conduct quarterly visual inspections in accordance with Part 3.2 of this permit and certify that the inspections were completed on the PARI Form.

### 3.2 QUARTERLY VISUAL INSPECTION REQUIREMENTS

- Vessel owner/operators must conduct a quarterly visual inspection of each vessel covered by this permit. The inspection can be conducted by you or your authorized representative. The inspection must cover all discharges and all applicable areas which impact discharges covered by the permit and/or minimum, the visible portions of the hull. The inspection must ensure that all areas are clear of garbage, exposed raw materials, oil, or any other materials that could be discharged into any waste stream or receiving waters and that there is no uncontrolled or unmonitored sources of these pollutants.
- While the vessel engine is operating, frequently check the area around and behind the vessel to ensure that no visible sheen, dust, chemicals, or discoloration is originating from the vessel.
- Check to ensure that all equipment on board is in proper working condition. This equipment includes, as appropriate, oily water separators, monitors, bilges, pumps, and generators.
- Check all protective seals for lubrication and hydraulic oil leaks.

**Current Small Vessel Regulatory Basis**

were taken to

**Hawaii Revised Statutes (HRS) § 342D-50(a):**

- No person, including any public body, shall discharge any water pollutant into State waters, or cause or allow any water pollutant to enter state waters, except as in compliance with the provisions of this chapter, rules adopted pursuant to this chapter, or a permit or variance issued by the Director.

## STORM WATER CONTACTS

### FIRST CALL HARBORS HOTLINE

- Harbors Hotline @ (808) 587-1962

### DISCHARGES

- Marine Traffic Control Unit @ (808) 587-2076

### SERIOUS OFFENSES

- Hawaii Department of Health, Clean Water Branch @ (808) 586-4309
- U.S. Coast Guard @ (800) 424-8802
- USEPA @ (808) 541-2721



## MALAMA I KA WAI – PROTECT OUR WATER

QUESTIONS OR COMMENTS?



A single tin of paint can contaminate millions of gallons of water!

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## **MORNING SESSION**

## **ATTENDANCE SIGN IN AND QUIZES**

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Fax: 808-585-7378



## HDOT HARBORS STORMWATER MANAGEMENT TENANT TRAINING September 18, 2012 (morning session)

### SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 AES HAWAII	JASON TREMBLAY		682-3412
2 Pendleton Flour Mills	Marilyn Miller		527-3215 (office) / TByam@PFMills.com
3 dba Hawaiian Flour Mills	Michele Freitas		723-7129
4 Honolulu Fire Dept.	Robert Ceccon		645-6136
5 DOT HARBORS KAUAI	Davis Yaji		587-1928
6 DOT	Jeff Hob		933-8858
7 DOT	Rade Vasic		723-8500 / rvasic@hondolu.gov
8 Honolulu Police Dept.	RODNEY NAKAMURA		228-2551
9 <del>RODNEY NAKAMURA</del>	RODNEY NAKAMURA		848-0855
10 MILLER INDUSTRIES	RODNEY NAKAMURA		847-8865
11 ALUMINUM SHAK	RODNEY NAKAMURA		599-9217
12 HPC FOODS, Ltd.	BRIAN TOTTORI		523-6889
13 HFD	KURT KANICKA		220-5849
14 JET PRO	Guy KORT		521-5468
15 <del>FEED</del> Hawaiian Aqua Products	Kristin Lini		Kris@foolin-andersons.com

This training conducted to meet the following requirements:  
Department of Transportation - Harbors Division  
Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution  
Stormwater Awareness Training



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## HDOT HARBORS STORMWATER MANAGEMENT TENANT TRAINING

September 18, 2012 (morning session)



### SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 <del>THE</del> Hawaiian Aqua Products	Evelyn Lim	<i>Evelyn Lim</i>	521-5468 Ely@foolinandsons.com
2 KAGAMI INC	LES MATSUOKA	<i>Les Matsuoka</i>	523-5700 LMKAGAMI@GMAIL.COM
3 DOM'S WAKAI	Don Galt	<i>Don Galt</i>	346-1650 DSGALT@YAHOO.CO.LD
4 Tropical J's, Inc.	Charis Cabral	<i>Charis Cabral</i>	848-0222 Charis@topcrafs.com
5 DHX	BON RICHARDSON	<i>Bon Richardson</i>	590-3196 bon.richardson@dhx.com
6 Awa Ship SVC	Reaney Tamamoto	<i>Reaney Tamamoto</i>	478-8700 sales@aawaship.com
7 Asphalt Hawaii	Sara Thomas	<i>Sara Thomas</i>	348-4895 sthomas@gracepacificcorp.
8 HEALY TIBBITTS BUILDERS	PETER LEE	<i>Peter Lee</i>	487-3664 p.lee@healytibbitts.com
9 Roberts Construction	Capt. Carol Spurr	<i>Carol Spurr</i>	779-4041
10 Roberts Hi	Fred A. Rocke	<i>Fred A. Rocke</i>	953-7727
11 Pacific Commercial Services	Winnie Yuen	<i>Winnie Yuen</i>	780-6609 Winnie.Yuen@psmi.com
12 Hawaii Pilots Assn	Blane Angwin	<i>Blane Angwin</i>	330-7763 Blane.Hayama@gmail.com
13 Global Specialty	Tom Heirich	<i>Tom Heirich</i>	843-8881 globalphx@aol.com
14 Honolulu Marathon	Ronald Chen	<i>Ronald Chen</i>	255-2602 jchen@honoroluhmarathon.org
15 Central Pacific Distributing	Josina Lehmann	<i>Josina Lehmann</i>	848-0787 CPD.H.I@Hawaiiintl.net

This training conducted to meet the following requirements:

Department of Transportation - Harbors Division

Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution

Stormwater Awareness Training



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## HDOH HARBORS STORMWATER MANAGEMENT

TENANT TRAINING  
September 10, 2012 (afternoon session)



### SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 DOT HAWAII	GARY D. MURPHY	<i>[Signature]</i>	7-2240
2 CCA ENV	JASON CORPANO	<i>[Signature]</i>	glenn20@hawaii.gov
3 <del>AMERICAN</del> MARINE CO.	RUBY NALL	<i>[Signature]</i>	rusty.nall@amsqg.com
4 PACIFIC OCEAN SPORTS	LOUIS LAURITI	<i>[Signature]</i>	louis.lauriti@hawaii.oceanthrill.com
5 HAWAIIAN OCEAN THRILLS	LOUIS LAURITI	<i>[Signature]</i>	11 11 690-0111
6 PORTLAND SERVICES	TOM GREGORI	<i>[Signature]</i>	536-4033 Tom@ACTHI.COM
7 TROPICAL ROOFS	TRIMES HEAD	<i>[Signature]</i>	trimers@TROPICALRoofsandGutter.com
8 SUBMERGED HARDWARE	LOUIS LAURITI	<i>[Signature]</i>	louis.lauriti@wheretohawaii.com
9 HAWAIIAN GENERAL	KEM WENICKA	<i>[Signature]</i>	Kem.k.wenicka@hawaii.gov 586-1383
10 ALOHA CONTRACTORS	RICK PESTON	<i>[Signature]</i>	808 843-8600
11 ALOHA AG CONSULTANTS	SIANEY GAO	<i>[Signature]</i>	225-3507, sidney@msm.com
12 HARBOR DIVISION	RANDY GRUNE	<i>[Signature]</i>	587-3651 randy.grune@hawaii.gov
13 ROYAL STAY PARADISE	WAVE RUBENSTEIN	<i>[Signature]</i>	832-4261 sales@royalshawaii.com
14 PACIFIC SHIPYARDS INT'L	NICK ENGELSTON	<i>[Signature]</i>	223-4946 nengelston@PacShipyards.com

This training conducted to meet the following requirements:

Department of Transportation - Harbors Division  
Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution  
Stormwater Awareness Training

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Fax: 808-585-7378

## HDOT HARBORS

### STORMWATER MANAGEMENT TENANT TRAINING

September 19, 2012 (morning session)



## SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 HGN Cat	Matt Buckman	<i>[Signature]</i>	306-6012
2 UNIVERSAL WATERSEAL	Mei Chen	<i>[Signature]</i>	842-7427
3 Hawaii Transfer Co	Debbie Freitas	<i>[Signature]</i>	368-6977
4 DOT Harbors	Jeffrey Sawyer	<i>[Signature]</i>	368-4541
5 DOT HAR-PM	ERIC LEONG	<i>[Signature]</i>	587-1943
6 DOT HAR-ZE	Ying Zhang	<i>[Signature]</i>	
7			
8			
9			
10			
11			
12			
13			
14			
15			

This training conducted to meet the following requirements:  
Department of Transportation - Harbors Division  
Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution  
Stormwater Awareness Training



# Weston Solutions, Inc

Suite 2301  
841 Bishop Street  
Honolulu, HI 96813  
808-275-2900  
Fax: 808-585-7378

## HDOT HARBORS STORMWATER MANAGEMENT TENANT TRAINING

September 19, 2012 (afternoon session)



### SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 MARISSA, LTD.	STEVE HUNTER	<i>[Signature]</i>	301-5935/shinton@mariss.net
2 RAMPART PIONEER	Machinery Rodney T. Kim	<i>[Signature]</i>	371-4842 allstar@allstar.com
3 Dot Dacuan	DUAN KIM	<i>[Signature]</i>	268-3173 duane.ss.kim@hawaii.gov
4 Sea Engineering	Tor Harris	<i>[Signature]</i>	(603)978-6800 Tharris@seaeengineering.com
5 Petrospect	CHAS MILLER	<i>[Signature]</i>	808-5366626 cmillere@petrospect.net
6 EAST WEST MARINE	BOB BROWARD	<i>[Signature]</i>	808-753-7964
7 NORMAN'S TRACTOR - SEA	William [unclear]	<i>[Signature]</i>	808-778-1084
8 Norman Tractor	John Shi. Kowda	<i>[Signature]</i>	218-982-f
9 Phoenician LLC	Greg Powell	<i>[Signature]</i>	682-1961
10 BLAND WIVERS	DEE CUNANAN	<i>[Signature]</i>	690-2230
11 HEAVY TIBBETS BROTHERS	BILL MCCARTHY	<i>[Signature]</i>	479-2938
12 HEAVY TIBBETS BROTHERS	DARON RAVENHILL	<i>[Signature]</i>	479-0330
13 Matson Navigation	KEATH BIRCH	<i>[Signature]</i>	848-1252 kbirch@matson.com
14 K2 Wholesale	Patrick Lam	<i>[Signature]</i>	429-2882 kjwholesale@k2mail.com
15 PER WATER TREAT	RAUCH DEWITT	<i>[Signature]</i>	554-3436

This training conducted to meet the following requirements:

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Fax: 808-585-7378

## HDOT HARBORS STORMWATER MANAGEMENT TENANT TRAINING

September 10, 2012 (morning session)



### SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 UNITED STATES AGENCY	Nelson Asakika		808-585-2148
2 "	Floyd Otani		"
3 "	Don Otani		"
4 FRANK KENNA TEND	ERIC JAH		808-534-3300
5 RANDY GRUNE	Randy Grune		
6 HARBORS DIV	Randy Grune		
7 POP	ROLEN WILSON		randy grunchowai.gov
8 HORIZON LINES	FRANK ROZNEK		ROLEN & POP - NANAHI.COM
9 Bella Pietra	Chelsea Gordon		h202warsiehorizonlines.com
10 Fuelman/Marine Pet.	Naomi Edmonds		warehouse@bellapietra.com
11 HPID, Hawaii Bmw7, Wagon	Hawaiian Sugarcoats		(808) 842-3836
12 Healy Tibbitts	Glenn T. yomin		808 841 0217
13 HARP HEMSTANT	JOHN PARK		(808) 368-1581
14 Island Moves, Inc	PATRICK LEE		808 277 3716 johnpark@harpweb.org
15 NANAHIKI HOUSING	BERT BARBE		808 834-1120
			808 842-0770

This training conducted to meet the following requirements:

Department of Transportation - Harbors Division

Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution

Stormwater Awareness Training

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## HDOT HARBORS STORMWATER MANAGEMENT TENANT TRAINING

September 10, 2012 (afternoon session)



### SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 HAWAII STEVEDORES	KEY CHUNG		kelung@hawaii-stevedores.com
2 Island Movers	<del>Patrick Henry</del>		<del>patrick@hawktree.net</del>
3 Travel Plaza Trans	Elaine Qiny		elaine@PT Hawaii.com
4 Travel Plaza Trans	Ben Post		Benny Q T PT Hawaii.com
5 HEALY TIBBITTS BUILDING	CRAI HUTCHINSON		jchut@hawaii-healytibbits.com
6 Kano Performance	Layne Kano		lkano@hawaii-w.com
7 Performance Landscapes	Annanda Pauline		amanda@performancelandscapes.com
8 STEINKE Bros.	Robert Steinke		cell 478-9777
9 HAJALEE, INC.	Irene Yang		841-8699
10 HAWAII TRANSFER Co.	DAVE KANDA		441-7104
11 Young Brothers, Ltd	Nathan Kapule		5439388 5904297
12 Falls of Clyde	Nathan Kapule		5439398 5904297
13			
14			
15			

This training conducted to meet the following requirements:

Department of Transportation - Harbors Division

Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution  
Stormwater Awareness Training





# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Frank Roenigk Date: 9/19/12  
Please Print

Company: Horizon Lines

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Nathana Kapule Date: Sept 19, 2012  
Please Print

Company: Hawaiian Togg Barge / Young Brothers Ltd

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Nathan Kopule Date: Sept. 19, 2012  
Please Print  
Company: Falls of Clyde

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Garry D. Moniz Date: 9/19/12  
Please Print  
Company: DOT-HPR-OC

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
6. What are your impressions about this training?  
☐ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☒ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Jeffrey Prater Date: 9-19-12

Please Print

Company: Port Harbors

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☒ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☐ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☐ Storm water.
  - ☐ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☐ Environmental Protection Agency BMP Menu.
  - ☐ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☐ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Amanda Pau Iino Date: 9/19/2012

Please Print

Company: Perfomance Landscapes

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☐ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☐ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
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- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☐ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☐ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☐ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☐ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☐ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☐ I learned a lot.
  - ☐ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Winnie Yuen Date: 9/19/12

Please Print

Company: Pacific Commercial Services, LLC

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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- What is an illicit discharge?  
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- What are your impressions about this training?  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Patrice Lam Date: 9/19/12

Please Print

Company: K&J Wholesale

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
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☐ c) Environmental Protection Agency BMP Menu.  
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☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Ron Richardson Date: 9/19/12  
Please Print  
Company: DH X

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
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☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
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- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Ralph Lewitt Date: 9/19/12  
Please Print  
Company: P & B Water T&T

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
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☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
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- Where can you find BMPs to fit activities at your facility?  
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☐ c) Environmental Protection Agency BMP Menu.  
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- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: RODNEY S. NAKAMURA Date: 9/19/12  
Please Print

Company: R.S. NAKAMURA WELDING

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Nelson Abevilca Date: 9/19/12  
Please Print

Company: UNITED FISHING AGENCY LTD.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:



**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Daniel Otani Date: 9/19/12  
Please Print

Company: United Fishing Agency Ltd

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Floyd Otani Date: 9/19/12  
Please Print

Company: United Fishing Agency

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Brian Tottari Date: 9-19-12

Please Print

Company: HPC Foods, Inc.

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☐ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
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- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☐ Storm water.
  - ☐ All of the above.
- What should you do if a spill happens at your facility?
  - ☐ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☐ Environmental Protection Agency BMP Menu.
  - ☐ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☐ I wish there was a little more information.
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Eric HAN Date: 9/19/12

Please Print

Company: Travel Plaza Tech Support Inc. LLC

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☐ Using a hose to water plants with potable water.
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  - ☐ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
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Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Kristin Lim Date: 09/19/2012  
Please Print

Company: Hawaiian Aqua Products, Inc.

- How do you play a valuable role in protecting our State's ecosystem?  
☐ a) By preventing pollution in our storm water runoff.  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Irene Yang Date: 9/19/12  
Please Print

Company: HASALEE, INC.

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Elaine O'Day Date: 9/19/2012

Please Print

Company: Travel Plaza Transportation LLC

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Sara Thomas Date: 9/19/2012

Please Print

Company: Asphalt Hawaii

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: GAIL DOWD Date: 9/19/12

Please Print

Company: DAIS DAKIN SERVICE

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: RODNEY JEE Date: Sept. 19, 2012

Please Print

Company: POWER MECHANICAL INC.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: GUY KORT Date: 9/19/12  
Please Print

Company: J&T Pro

- How do you play a valuable role in protecting our State's ecosystem?  
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?  
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?  
  - ☐ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?  
  - ☐ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
  - ☐ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☐ All of the above.
- What are your impressions about this training?  
  - ☒ I learned a lot.
  - ☐ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: BRYAN POST Date: 9/19/2012  
Please Print

Company: PAVEL PAPA TRAVIS P.

- How do you play a valuable role in protecting our State's ecosystem?  
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?  
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?  
  - ☐ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☐ Storm water.
  - ☐ All of the above.
- What should you do if a spill happens at your facility?  
  - ☐ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
  - ☐ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☐ All of the above.
- What are your impressions about this training?  
  - ☒ I learned a lot.
  - ☐ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Capt. Laki Saviano Date: 9/19/2012

Please Print

Company: Roberts Hawaiian & HOTS/POS

1. How do you play a valuable role in protecting our State's ecosystem?

- ☒ a) By preventing pollution in our storm water runoff.
- ☐ b) By ignoring illicit discharges.
- ☐ c) By dumping wastes down the storm drain.
- ☐ d) By not cleaning up spills.

2. What is an illicit discharge?

- ☐ a) Using a hose to water plants with potable water.
- ☒ b) Spraying metal clippings into a drain after cutting metal outdoors.
- ☐ c) Air conditioning condensate dripping onto the pavement.
- ☒ d) All of the above.

2. What is the purpose of this annual training?

- ☐ a) To comply with environmental laws
- ☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
- ☒ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.
- ☒ d) All of the above.

3. Which of the following are considered pollutants in the Harbors storm drain system?

- ☒ a) Firefighting water.
- ☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.
- ☐ c) Storm water.
- ☒ d) All of the above.

4. What should you do if a spill happens at your facility?

- ☐ a) Take all necessary clean-up steps but do not report it to Harbors.
- ☐ b) Put absorbent down and walk away.
- ☒ c) Take all necessary clean-up steps and report it to Harbors.
- ☐ d) Leave the area before anyone else sees you.

5. Where can you find BMPs to fit activities at your facility?

- ☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLs) developed for your facility.
- ☐ b) City and County of Honolulu BMP Manual.
- ☐ c) Environmental Protection Agency BMP Menu.
- ☒ d) All of the above.

6. What are your impressions about this training?

- ☒ a) I learned a lot.
- ☐ b) I wish there was a little more information.
- ☐ c) I already know all of this stuff.
- ☐ d) I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Fred Rocks Date: 9-18-12

Please Print

Company: Hawaiian Ocean Turtles / Roberts

1. How do you play a valuable role in protecting our State's ecosystem?

- ☒ a) By preventing pollution in our storm water runoff.
- ☐ b) By ignoring illicit discharges.
- ☐ c) By dumping wastes down the storm drain.
- ☐ d) By not cleaning up spills.

2. What is an illicit discharge?

- ☐ a) Using a hose to water plants with potable water.
- ☒ b) Spraying metal clippings into a drain after cutting metal outdoors.
- ☐ c) Air conditioning condensate dripping onto the pavement.
- ☐ d) All of the above.

2. What is the purpose of this annual training?

- ☐ a) To comply with environmental laws
- ☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
- ☒ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.
- ☒ d) All of the above.

3. Which of the following are considered pollutants in the Harbors storm drain system?

- ☒ a) Firefighting water.
- ☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.
- ☐ c) Storm water.
- ☐ d) All of the above.

4. What should you do if a spill happens at your facility?

- ☒ a) Take all necessary clean-up steps but do not report it to Harbors.
- ☐ b) Put absorbent down and walk away.
- ☒ c) Take all necessary clean-up steps and report it to Harbors.
- ☐ d) Leave the area before anyone else sees you.

5. Where can you find BMPs to fit activities at your facility?

- ☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLs) developed for your facility.
- ☐ b) City and County of Honolulu BMP Manual.
- ☐ c) Environmental Protection Agency BMP Menu.
- ☒ d) All of the above.

6. What are your impressions about this training?

- ☐ a) I learned a lot.
- ☐ b) I wish there was a little more information.
- ☒ c) I already know all of this stuff.
- ☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: ERIC LEONG Date: 9/19/12  
Please Print  
Company: HAR-PM

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: BERT BARBER Date: 9/19/12  
Please Print  
Company: NANAKULI HOUSING, BASEYARD HAWAII

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Jeshua Lehmann Date: 09/19/12  
Please Print  
Company: Central Pacific Distributing

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: William Iskahan Date: 9/19/12  
Please Print  
Company: Norman's Trench Service

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: John Strickland Date: 9-19-12  
Please Print  
Company: Robman's Truck Service

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☒ c) Air conditioning condensate dripping onto the pavement.  
☒ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☒ c) Storm water.  
☒ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Robert Steinke Date: 9/19/12  
Please Print  
Company: Stein Ke Bros.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Rae Vukic Date: 9-19-12  
Please Print

Company: Honolulu Police Department

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Clay Hutchinson Date: 9-19-12  
Please Print

Company: Healy Tibbitts Builders, Inc.

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Ronald Chun Date: 9/19/12  
Please Print  
Company: Honolulu Marina

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☒ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☒ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
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☐ d) I don't understand how this applies to me or my company.

Comments:

*This annual section reminds us that we need to be a better steward of our environment.*

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: UNIVERSA WATERWAY ASSOC. Date: 9-19-12  
Please Print  
Company: Mei Chun

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
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- What is an illicit discharge?  
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☒ d) All of the above.
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☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
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- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☒ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
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- What are your impressions about this training?  
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Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Tom Heinrich Date: 9/19/12  
Please Print  
Company: Global Specialty Contractors, Inc.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
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- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
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- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Debbie Freitas Date: 9/19/12  
Please Print  
Company: Hawaii Transfer Co. Ltd.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
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☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
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- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
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☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Chelsea Gordon Date: 9/19/12

Please Print

Company: Bella Plating

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
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☒ a) Using a hose to water plants with potable water.  
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- What should you do if a spill happens at your facility?  
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- What are your impressions about this training?  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Natomi Edmonds Date: 9/19/12

Please Print

Company: Marine Petroleum Corp. Fuelman Services

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
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☐ c) Air conditioning condensate dripping onto the pavement.  
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- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
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- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
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- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
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Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: KURT KAMIKAWA Date: 9/19/12  
Please Print  
Company: HFD MOKUAHI

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Michelle Freitas Date: Sept. 19, 2012  
Please Print  
Company: Honolulu Fire Dept.

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
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4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
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6. What are your impressions about this training?  
☒ a) I learned a lot.  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: JOHN PARK Date: 9/19/2012  
Please Print

Company: HEAP HEAD START BUSG 9th

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
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☐ d) All of the above.
2. What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☒ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
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3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
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4. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
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☐ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
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6. What are your impressions about this training?  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: DEEK QUARANT Date: \_\_\_\_\_  
Please Print

Company: BLADLOWERS

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
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2. What is the purpose of this annual training?  
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☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
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4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
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☐ a) I learned a lot.  
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Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: PATRICIA SANCHEZ Date: 09/19/12

Please Print

Company: ISLAND MANA

1. How do you play a valuable role in protecting our State's ecosystem?

- a) ☒ By preventing pollution in our storm water runoff.
- b) ☐ By ignoring illicit discharges.
- c) ☐ By dumping wastes down the storm drain.
- d) ☐ By not cleaning up spills.

2. What is an illicit discharge?

- a) ☒ Using a hose to water plants with potable water.
- b) ☐ Spraying metal clippings into a drain after cutting metal outdoors.
- c) ☐ Air conditioning condensate dripping onto the pavement.
- d) ☐ All of the above.

2. What is the purpose of this annual training?

- a) ☐ To comply with environmental laws
- b) ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
- c) ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
- d) ☒ All of the above.

3. Which of the following are considered pollutants in the Harbors storm drain system?

- a) ☒ Firefighting water.
- b) ☐ Anything on the ground around your facility such as trash, dirt, oil, or metals.
- c) ☐ Storm water.
- d) ☐ All of the above.

4. What should you do if a spill happens at your facility?

- a) ☐ Take all necessary clean-up steps but do not report it to Harbors.
- b) ☐ Put absorbent down and walk away.
- c) ☒ Take all necessary clean-up steps and report it to Harbors.
- d) ☐ Leave the area before anyone else sees you.

5. Where can you find BMPs to fit activities at your facility?

- a) ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
- b) ☐ City and County of Honolulu BMP Manual.
- c) ☐ Environmental Protection Agency BMP Menu.
- d) ☐ All of the above.

6. What are your impressions about this training?

- a) ☒ I learned a lot.
- b) ☐ I wish there was a little more information.
- c) ☐ I already know all of this stuff.
- d) ☐ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: BILL MCGARNEY Date: 9/19/2012

Please Print

Company: HEAVY TERTIUS BUILDERS, INC.

1. How do you play a valuable role in protecting our State's ecosystem?

- a) ☒ By preventing pollution in our storm water runoff.
- b) ☐ By ignoring illicit discharges.
- c) ☐ By dumping wastes down the storm drain.
- d) ☐ By not cleaning up spills.

2. What is an illicit discharge?

- a) ☐ Using a hose to water plants with potable water.
- b) ☒ Spraying metal clippings into a drain after cutting metal outdoors.
- c) ☐ Air conditioning condensate dripping onto the pavement.
- d) ☐ All of the above.

2. What is the purpose of this annual training?

- a) ☐ To comply with environmental laws
- b) ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
- c) ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
- d) ☒ All of the above.

3. Which of the following are considered pollutants in the Harbors storm drain system?

- a) ☐ Firefighting water.
- b) ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
- c) ☐ Storm water.
- d) ☐ All of the above.

4. What should you do if a spill happens at your facility?

- a) ☐ Take all necessary clean-up steps but do not report it to Harbors.
- b) ☐ Put absorbent down and walk away.
- c) ☒ Take all necessary clean-up steps and report it to Harbors.
- d) ☐ Leave the area before anyone else sees you.

5. Where can you find BMPs to fit activities at your facility?

- a) ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
- b) ☐ City and County of Honolulu BMP Manual.
- c) ☐ Environmental Protection Agency BMP Menu.
- d) ☐ All of the above.

6. What are your impressions about this training?

- a) ☒ I learned a lot.
- b) ☐ I wish there was a little more information.
- c) ☐ I already know all of this stuff.
- d) ☐ I don't understand how this applies to me or my company.

Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: PETER LEE Date: 9/19/2012  
Please Print  
Company: HEAVY TIRE TIRE BUILDERS, INC.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
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Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: LEE MASEUKA DO Date: 9/19/12  
Please Print  
Company: KASAWA INC.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: CHAO MILLER Date: 9/19/12  
Please Print

Company: Petrospect

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: DAVE KANDA Date: 9/19/12  
Please Print

Company: HAWAII TRASKER CO., LTD.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Howard Sugano Date: 9/19/2012  
Please Print

Company: HAWAII PAINTING & WALL PAPER (HWP)

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Parace Ace Date: 9/19/12  
Please Print

Company: ISLAND MOVERS, INC.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: ARLEN WALSTED Date: 9/19/12  
Please Print  
Company: POP FISHING & MARINE

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Blair Hayashi Date: 9-19-12  
Please Print  
Company: Hawaii Pilot

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Wayne Kano Date: 9/19/12

Please Print

Company: Kano Truck

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Rooney Tanamoto Date: 9-19-12

Please Print

Company: Ava-Sig Svc

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: JASON TREMBLAY Date: 9/19/2012

Please Print

Company: AES HAWAII / AES KAUAI

- How do you play a valuable role in protecting our State's ecosystem?  
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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: KEALLI BIRCH Date: 9-19-2012

Please Print

Company: MATSON NAVIGATION

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
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☐ d) I don't understand how this applies to me or my company.  
☒ e) great review!

Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: STEVE HARTS Date: 9/19/12  
Please Print

Company: MARISCA, LTD.

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Tor Harris Date: 9/19/2012  
Please Print

Company: Sea Engineering

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments: I know 435 from last year & from Environmental Engineering training. it is important for everyone else to know.

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Chavis Cabral Date: September 19, 2012

Please Print

Company: Tropical J's, Inc.

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☒ By ignoring illicit discharges.
  - ☒ By dumping wastes down the storm drain.
  - ☒ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☒ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☒ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☒ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☒ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☒ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☒ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☒ I already know all of this stuff.
  - ☒ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Greg Russell Date: 9/19/12

Please Print

Company: Phoenix

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☒ By ignoring illicit discharges.
  - ☒ By dumping wastes down the storm drain.
  - ☒ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☒ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☒ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☒ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☒ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☒ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☒ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☒ I already know all of this stuff.
  - ☒ I don't understand how this applies to me or my company.

Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: MARILYN MILLER Date: 09/19/2012  
Please Print  
Company: Pendleton Flour Mills, aka Hawaiian Flour Mills

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Matt Buckman Date: 9-19-12  
Please Print  
Company: Hawaiian Sgt

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: BREN BARSA MENDO Date: 9-19-12

Please Print

Company: EAST WEST MARKETING INC

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☒ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: DARON BOWEZA Date: 9/19/12

Please Print

Company: HENRY TABBETTS BUILDERS

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Ken Toyama Date: 9/19/12  
Please Print  
Company: Healy Tibbitts

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
3. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
4. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
5. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
6. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
7. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Ken Chung Date: 9/19/12  
Please Print  
Company: HAWAII STEVEDORES, INC.

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
3. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
4. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☐ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
5. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☐ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
6. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
7. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

9/19/12  
INSPECTION  
DEC. 7/12

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## **AFTERNOON SESSION**

## **ATTENDANCE SIGN IN AND QUIZES**

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# Weston Solutions, Inc

Suite 2301  
841 Bishop Street  
Honolulu, HI 96813  
808-275-2900  
Fax: 808-585-7378

## HDOT HARBORS

### STORMWATER MANAGEMENT TENANT TRAINING

September 19, 2012 (morning session)



## SIGN-IN SHEET

### COMPANY

1 Pacific Shipyards

2 White Roofing

3 DOT-HARBORS

4 DOT-HARBORS

5 DOT-HARBORS

6 DOT-HARBORS

7 PROPERT INC.

8 PM Realty Group

9 Hawaiian Coastal Co. Inc

10 HANA Trucking

11 Friends of Falls of Clyde

12 Brooks Beachwalk

13 Control Tech

14

15

### PRINT NAME

Jennifer Haught

Jan Mates

MARCEW GABRIEL

Alan Murakami

Anne K. Stevens

Bill Davis

Toshel Santos

Moderne Daley

Dustin Onaod

Kevin Akada

Chris Woodbury

Gary Breckins

Aaron Jay

### SIGNATURE

Jennifer Haught

Jan Mates

Dr. Gabrue

Alan Murakami

Anne K. Stevens

Bill Davis

Toshel Santos

Moderne Daley

Dustin Onaod

Kevin Akada

Chris Woodbury

Gary Breckins

Aaron Jay

### PHONE/EMAIL

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841-7603 aachita@jia-wa

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587-2070 alan.murakami@hawaii.gov

587-2055 anne.v.stevens@hawaii.gov

587-2057

971-7755 +808080 pps@psd.org

3875809 mdaley@pmr2.com

841-4595 dcmag@hawaii.net

808-9825

P.O. Box 25208 Honolulu HI 96825 (808) 733-3311

Chris@woodbury.com

216 2972 - 541-7725

345-4521 dj.cheenllc@gmail.com

This training conducted to meet the following requirements:

Department of Transportation - Harbors Division

Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution

Stormwater Awareness Training



# Weston Solutions, Inc

Suite 2301  
841 Bishop Street  
Honolulu, HI 96813  
808-275-2900  
Fax: 808-585-7378

## HDOT HARBORS STORMWATER MANAGEMENT TENANT TRAINING

September 19, 2012 (afternoon session)



### SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 AMERICA MARINE CORP.	RUSTA NALI	<i>[Signature]</i>	rusty.nali@amsghq.com
2 ACT	Hilli Aia	<i>[Signature]</i>	hillu@ACT.COM
3 T. HATA	TYRONE BUCHANAN	<i>[Signature]</i>	tbuchanan@yahoo.com
4 McCabe Hamilton & Leary	Andrew Souza	<i>[Signature]</i>	andrewsouza16@msn.com
5 Excavation Services	Eugene Gillis	<i>[Signature]</i>	808-383-1959
6 DOT Harbors	Raymond Bone	<i>[Signature]</i>	571-2053
7 HOB/40	RANDALL LAM	<i>[Signature]</i>	753-7340 rlam@ntbyb.com
8 Royalston/Prindiservice	Gravid Tognoli	<i>[Signature]</i>	852-6265 gtegnoli@royalstonhawaii.com
9 V	Fanny Lo	<i>[Signature]</i>	5352-2285 fannylo@gmail.com
10 Royal stor/Paradise Cruise	San Hespiel	<i>[Signature]</i>	832-6265 jhespiel@royalstonhawaii.com
11 HAS SUSSEX Co	TONY SUSSEX	<i>[Signature]</i>	285-2836 TONY SUSSEX@GMAIL.COM
12 THE BOYS CLUB	TONY SUSSEX	<i>[Signature]</i>	285-2836 TONY SUSSEX@GMAIL.COM
13			
14			
15			

This training conducted to meet the following requirements:

Department of Transportation - Harbors Division

Hawaii DOT Environmental Policy Including the Following Principals: Continual Improvement, Obey Laws, Prevent Pollution

Stormwater Awareness Training

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Rusty Nail Date: Sept. 19, 2012  
Please Print  
Company: AMERICAN MARINE CORPORATION

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☒ b) By ignoring illicit discharges.  
☒ c) By dumping wastes down the storm drain.  
☒ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☒ c) Air conditioning condensate dripping onto the pavement.  
☒ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☒ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☒ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water. OK EXEMPTED  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals. SPILLAGE AND POLLUTION FROM THE LAND  
☒ c) Storm water. ALL OF THE ABOVE  
☒ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors. USCG REPORT TO HEEB IN HQ  
☒ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☒ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.  
☒ b) City and County of Honolulu BMP Manual. I'M SURE THEY HAVE ONE TOO!  
☒ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☒ b) I wish there was a little more information.  
☒ c) I already know all of this stuff.  
☒ d) I don't understand how this applies to me or my company.

Comments: PLEASE BE REASONABLE AND PRACTICAL  
ASK THE EPA TO ASKED TO MAKE AMC/PENCO  
APPROX TOGETHER OR 6 MONTHS apart (AMC, then Penco)

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Anne V. Stevens Date: 9/19/12  
Please Print  
Company: DOT Harbors

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☒ b) By ignoring illicit discharges.  
☒ c) By dumping wastes down the storm drain.  
☒ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☒ c) Air conditioning condensate dripping onto the pavement.  
☒ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☒ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☒ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☒ c) Storm water.  
☒ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☒ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☒ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.  
☒ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☒ b) I wish there was a little more information.  
☒ c) I already know all of this stuff.  
☒ d) I don't understand how this applies to me or my company.

Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Madeline Daley Date: 9/19/12  
Please Print

Company: Pm Realty / Alpha Truss Manufacturing

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☒ c) Air conditioning condensate dripping onto the pavement.  
☒ d) All of the above.
3. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
4. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
5. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
6. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
7. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

*Quick reference cards are very helpful.*

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Eugene Gillis Date: 9/19/2012  
Please Print

Company: Excavation Services

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
3. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
4. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
5. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
6. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
7. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Dustin K. Onaga Date: Sept. 19, 2012  
Please Print  
Company: Amwayan Constr. Co. (UC)

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: KEVIN M. AKANA Date: 9-19-12  
Please Print  
Company: AKANA Trucking

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☐ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Chris Woloway Date: 09/19/2012

Please Print

Company: Friends of FANS of Clyde

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☒ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☒ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☒ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☒ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☒ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☒ I already know all of this stuff.
  - ☒ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Rusty Nail Date: Sept. 19, 2012

Please Print

Company: Pacific Environmental Corporation

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☒ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☒ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water. OR EXHAUST
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water. STORMWATER AND POLLUTION FROM THE LAND
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☒ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors. DEPEND ON RQ
  - ☒ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☒ City and County of Honolulu BMP Manual. OK I'm sure they have one too!
  - ☒ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☒ I already know all of this stuff.
  - ☒ I don't understand how this applies to me or my company.

Comments:

PLEASE BE PERSONABLE AND PRACTICAL  
ASK THE EPA



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Kenn Kishida Date: 9/19/12  
Please Print

Company: Dept. of the Attorney General - Janet Fortitude

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors. *It was 3 gallons*  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments: *Good to get reviewed program*

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Nick Enselmeten Date: 9/19/2012  
Please Print

Company: Pacific Shipyard International

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☐ a) I learned a lot.  
☒ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Janifer Haight Please Print Date: 9/19/2012  
Company: Pacific Shipyard International

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☐ a) I learned a lot.  
☒ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Alan MURAKAMI Please Print Date: 9/19/12  
Company: DOT - UAAVB HAS DIVISION

- How do you play a valuable role in protecting our State's ecosystem?  
☐ a) By preventing pollution in our storm water runoff.  
☒ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Paul Mc Date: 9/19/12  
Please Print

Company: HDB/4B

- How do you play a valuable role in protecting our State's ecosystem?  
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?  
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?  
  - ☒ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?  
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?  
  - ☒ I learned a lot.
  - ☐ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: TRINES J. HEAD Date: 9-19-12  
Please Print

Company: TROPICAL ROOFING AND RAINGUTTERS INC.

- How do you play a valuable role in protecting our State's ecosystem?  
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?  
  - ☐ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☒ All of the above.
- What is the purpose of this annual training?  
  - ☐ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
  - ☐ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☐ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?  
  - ☐ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
  - ☐ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☐ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?  
  - ☐ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Gary Breckins Date: 09/19/12  
Please Print

Company: Breckins Boatworks

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☒ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☒ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☒ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☒ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.  
☒ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

Nice still more show. Thank Gary

# MANDATORY ANNUAL STORM WATER TRAINING 2012

DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: TRONE BUCHANAN Date: 09/19/12  
Please Print

Company: Y-HATA LIMITED

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☐ d) All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☒ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCLPs) developed for your facility.  
☒ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Richard Preston Date: 9/19/12  
Please Print  
Company: Albion Contractors

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

**MANDATORY ANNUAL STORM WATER TRAINING 2012**  
**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Andrew Saura Date: 9-19-12  
Please Print  
Company: McCabe Hamilton + Remy Co LTD.

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☒ d) All of the above.
4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☐ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Hilei Aia Please Print Date: 9-19-12

Company: ACT / Northland Services

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☐ All of the above.
- What are your impressions about this training?
  - ☐ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Tom Crescenzi Please Print Date: 9/19/12

Company: Albion Cargo Transport / Northland Services

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☐ All of the above.
- What are your impressions about this training?
  - ☐ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Tony Sussex Date: 9/19/12  
Please Print  
Company: THE SUSSEX CO - BLDG 914 K.M.R.  
THE BOYS CLUB LLC - BLDG 931 K.M.R.

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☒ By ignoring illicit discharges.
  - ☒ By dumping wastes down the storm drain.
  - ☒ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☒ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☒ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☒ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☒ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☒ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☒ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☒ I already know all of this stuff.
  - ☒ I don't understand how this applies to me or my company.

Comments:

THE WORK SITE CARDS W/ REPORTING  
PLEASE REMEMBER (HANDLED OUT LAST YEAR)  
WEAR VESTS HELPFUL.

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Siomey Bio Date: 9/19/12  
Please Print  
Company: Alpha Agricultural Consultants Inc. Nui Nui

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☒ By ignoring illicit discharges.
  - ☒ By dumping wastes down the storm drain.
  - ☒ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☒ Air conditioning condensate dripping onto the pavement.
  - ☒ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☒ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☒ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☒ Storm water.
  - ☒ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☒ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☒ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☒ City and County of Honolulu BMP Manual.
  - ☒ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☒ I wish there was a little more information.
  - ☒ I already know all of this stuff.
  - ☒ I don't understand how this applies to me or my company.

Comments:



# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Gregory Tegeles Date: 9-19-12  
Please Print

Company: Regalstar / Paradise Cruise

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☒ b) By ignoring illicit discharges.  
☒ c) By dumping wastes down the storm drain.  
☒ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☒ c) Air conditioning condensate dripping onto the pavement.  
☒ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☒ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
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- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
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- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
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- Where can you find BMPs to fit activities at your facility?  
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☒ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☒ b) I wish there was a little more information.  
☒ c) I already know all of this stuff.  
☒ d) I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Fang Lo Date: 9/19/12  
Please Print

Company: Royal Star

- How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☒ b) By ignoring illicit discharges.  
☒ c) By dumping wastes down the storm drain.  
☒ d) By not cleaning up spills.
- What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☒ c) Air conditioning condensate dripping onto the pavement.  
☒ d) All of the above.
- What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☒ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☒ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
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- Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☒ c) Storm water.  
☒ d) All of the above.
- What should you do if a spill happens at your facility?  
☒ a) Take all necessary clean-up steps but do not report it to Harbors.  
☒ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☒ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☒ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☒ d) All of the above.
- What are your impressions about this training?  
☒ a) I learned a lot.  
☒ b) I wish there was a little more information.  
☒ c) I already know all of this stuff.  
☒ d) I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Aaron Jay Date: 9-19-12  
Please Print

Company: Control Tech

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☐ Storm water.
  - ☐ All of the above.
- What should you do if a spill happens at your facility?
  - ☒ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☐ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☐ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments:

# MANDATORY ANNUAL STORM WATER TRAINING 2012

**DUE: 09.19.2012**

**Instructions:** Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: JASON LOPES Date: 9/19/2012  
Please Print

Company: City and County of Honolulu, Environmental Services

- How do you play a valuable role in protecting our State's ecosystem?
  - ☒ By preventing pollution in our storm water runoff.
  - ☐ By ignoring illicit discharges.
  - ☐ By dumping wastes down the storm drain.
  - ☐ By not cleaning up spills.
- What is an illicit discharge?
  - ☒ Using a hose to water plants with potable water.
  - ☒ Spraying metal clippings into a drain after cutting metal outdoors.
  - ☐ Air conditioning condensate dripping onto the pavement.
  - ☐ All of the above.
- What is the purpose of this annual training?
  - ☒ To comply with environmental laws
  - ☐ To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.
  - ☐ To utilize best management practices (BMPs) to reduce the impact from industrial activities.
  - ☒ All of the above.
- Which of the following are considered pollutants in the Harbors storm drain system?
  - ☒ Firefighting water.
  - ☒ Anything on the ground around your facility such as trash, dirt, oil, or metals.
  - ☐ Storm water.
  - ☐ All of the above.
- What should you do if a spill happens at your facility?
  - ☐ Take all necessary clean-up steps but do not report it to Harbors.
  - ☐ Put absorbent down and walk away.
  - ☒ Take all necessary clean-up steps and report it to Harbors.
  - ☐ Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
  - ☒ Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.
  - ☐ City and County of Honolulu BMP Manual.
  - ☐ Environmental Protection Agency BMP Menu.
  - ☒ All of the above.
- What are your impressions about this training?
  - ☒ I learned a lot.
  - ☐ I wish there was a little more information.
  - ☐ I already know all of this stuff.
  - ☐ I don't understand how this applies to me or my company.

Comments: PLEASE EMM presentation - Jason20@hawaii.gov



MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: San Hesprich Date: 9/19/12  
Please Print

Company: Royal Star Hawaii / Paradise Cruise

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☒ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☒ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☒ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☒ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
6. What are your impressions about this training?  
☒ a) I learned a lot.  
☐ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012  
DUE: 09.19.2012

Instructions: Please complete this survey and submit to your Harbors Environmental Section Representative.

Name: Mark Rubenstein Date: 9/19/12  
Please Print

Company: \_\_\_\_\_

1. How do you play a valuable role in protecting our State's ecosystem?  
☒ a) By preventing pollution in our storm water runoff.  
☐ b) By ignoring illicit discharges.  
☐ c) By dumping wastes down the storm drain.  
☐ d) By not cleaning up spills.
2. What is an illicit discharge?  
☐ a) Using a hose to water plants with potable water.  
☒ b) Spraying metal clippings into a drain after cutting metal outdoors.  
☐ c) Air conditioning condensate dripping onto the pavement.  
☐ d) All of the above.
2. What is the purpose of this annual training?  
☐ a) To comply with environmental laws  
☐ b) To minimize the discharge of pollutants from the Harbors and tenant facilities into Hawaii's waters.  
☐ c) To utilize best management practices (BMPs) to reduce the impact from industrial activities.  
☒ d) All of the above.
3. Which of the following are considered pollutants in the Harbors storm drain system?  
☐ a) Firefighting water.  
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.  
☐ c) Storm water.  
☐ d) All of the above.
4. What should you do if a spill happens at your facility?  
☐ a) Take all necessary clean-up steps but do not report it to Harbors.  
☐ b) Put absorbent down and walk away.  
☒ c) Take all necessary clean-up steps and report it to Harbors.  
☐ d) Leave the area before anyone else sees you.
5. Where can you find BMPs to fit activities at your facility?  
☐ a) Harbors Storm Water Management Plan (SWMP) located on the website or Individual Storm Water Pollution Control Plans (SWPCPs) developed for your facility.  
☐ b) City and County of Honolulu BMP Manual.  
☒ c) Environmental Protection Agency BMP Menu.  
☐ d) All of the above.
6. What are your impressions about this training?  
☐ a) I learned a lot.  
☒ b) I wish there was a little more information.  
☐ c) I already know all of this stuff.  
☐ d) I don't understand how this applies to me or my company.

Comments:

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**APPENDIX F**  
**TEMY CERTIFICATE AND**  
**LETTER FROM THE GOVERNOR**

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HAR-EE  
2350.13

September 19, 2012

Mr. Stephen Hinton, REM, CEA, ECS  
Vice President, Environmental Affairs  
Marisco, Ltd.  
91-607 Malakole Street  
Kapolei, Hawaii 96707

Dear Mr. Hinton,

I am pleased to present you with our second annual State of Hawaii Department of Transportation, Harbors Division, Tenant Environmental Manager of the Year award.

The Harbors Division will annually recognize the tenant environmental manager that implements meaningful change in their facility environmental practices and company environmental culture. I laud your efforts as a leader in implementing environmental policies for your company.

Your environmental program was chosen from 169 tenant programs that were evaluated during the annual Storm Water Compliance inspections in 2011 and 2012. The award represents the positive contributions you and your company have made toward protecting our valuable ocean resources. The changes and programs implemented at your facility and your valuable influence in making environmental awareness a key component of your company culture is genuinely appreciated. Your program is a model for similar facilities and an example for others to follow as they improve their environmental systems.

Please continue to work with the Harbors Division and all Harbors Division tenants in keeping our ocean resources clean and ensuring its protection for future generations.

Sincerely,

/s/ 

NEIL ABERCROMBIE  
Governor, State of Hawaii

bc: Department of Transportation  
RL:lm







**THE STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HARBORS DIVISION**

presents the

**2012 TENANT ENVIRONMENTAL MANAGER OF THE YEAR**

to

**STEPHEN HINTON**

for

Exemplary Management of a Tenant Stormwater Program Focused on Directing  
Meaningful Change

CATEGORY A



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## **APPENDIX G**

## **SHOT FORM**

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## Stormwater Hotline Occurrence Tracking (SHOT) Form

LINE ITEM	FORM FIELD
<b>Caller Information</b>	
<b>Caller Name</b>	
Caller Company	
Telephone Number	
Email Address	
Date/Time Received	
<b>Occurrence Information</b>	
<input type="checkbox"/> Information Request	<input type="checkbox"/> Discharge Reporting <input type="checkbox"/> Complaint <input type="checkbox"/> Commendation
<input type="checkbox"/> <b>Information Request</b>	
Information Requested	
Actions Taken	
Additional Information	
<input type="checkbox"/> <b>Discharge Reporting</b>	
Address or Location of Discharge	
Time/Date of Discharge	
Substance/Amount Discharged (if known)	
Media into which the discharge occurred: <input type="checkbox"/> Air <input type="checkbox"/> Water <input type="checkbox"/> Natural Ground <input type="checkbox"/> Concrete/Asphalt <input type="checkbox"/> Stream <input type="checkbox"/> Ocean   Other: _____	
Responsible Party (if known)	
Cause of Discharge (if known)	
Clean-up Actions Taken (if applicable)	
Notifications Made/Actions Taken by Harbors Division	
Follow Information	

LINE ITEM	FORM FIELD
<input type="checkbox"/> <b>Complaint</b>	
Nature of Complaint	
Complaint Details	
Notifications Made/Actions Taken by Harbors Division	
<input type="checkbox"/> <b>Commendation</b>	
Commendation Details	
Notifications Made/Actions Taken by Harbors Division	
<b>Points of Contact for Immediate Response</b>	
In the event of an emergency needing immediate response, call the numbers listed below:	
<b>Point of Contact</b>	<b>Telephone Number</b>
Marine Traffic Control Center	808-587-2076
Marine Cargo Specialist	808-587-2053
City and County of Honolulu Environmental Concern Hotline	808-768-3300
Department of Health, Clean Water Branch	808-586-4309
Coast Guard	1-800-424-8802

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## **APPENDIX H**

## **SHOT DATABASE**

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Date	Time	Caller	Location	Substance	Amount	Media	Responsible Party	Cause	Clean-up Actions	Further Notifications	Follow Up
8/6/2012	0704	HDOT Harbor Police	Kalaeloa BP Harbor (Near north most channel light marker)	Irrigation water leaking from the system and containing silt	Unknown (a lot of silt)	Ocean	Koolina Golf Club, adjacent to the Harbor	Source of the leak was soon discovered to be coming from the 7th Hole Irrigation Valve located just on the top of the hill from the property line. Apparently, Koolina Golf Club set its irrigation line along the property line. Their irrigation system failed to detect the leak of the piping system.	Golf Course Officials located the main valve and shut off the water flow. Harbor Police Report #HFR12-0331.		Koolina Golf Club personnel continued to monitor the area. On August 7, 2012, HAR-EE personnel contacted Ken Williams (Manager of Koolina Resort & Marina) and Alan Nakamura (Koolina Golf Club Meaintenance Section) and left an voice with Alan message. Around 1330, Alan called back and confirmed with their efforts to check into their irrigation system for further improvement of leak detection (e.g., decrease pump shut-off threshold). On August 9, 2012, Ken called HAR-EE and confirmed their efforts to improve the leaking detection system for irrigation.

