

Final
Annual Compliance Report 2012

Honolulu Harbor, Hawaii



Prepared for

**Hawaii Department of Transportation
Harbors Division**

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"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

ACR	Annual Compliance Report
BMP	Best Management Practice
C&C Honolulu	City and County of Honolulu
CFR	Code of Federal Regulations
CSRCP	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
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 Form
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
WESTON	Weston Solutions, Inc.

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1.0 INTRODUCTION



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 HI03KB482. 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; and
 - 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 in a letter dated May 19, 2003. The expiration date of that NGPC was November 19, 2007. On October 19, 2007, the HDOH issued the first administrative extension of the NGPC. On October 19, 2012, a second administrative extension of the NGPC was issued. Both extensions were issued in accordance with HAR Section 11-55-34.09(d). The original permit and letters of 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



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 Honolulu Harbor 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. A summary of the tenant changes is also presented on Table 2-1.

Table 2-1 Updates to Tenant Inventory

Tenant	Status	Reason
Kumu Corp.	Deleted	Eviction for violation of Revocable Permit.
Marine Spill Response Corporation	Removed from inspection list	This tenant holds an easement and only occupies a small area for utility conduit.
Military HQ	Deleted	Eviction for violation of Revocable Permit.
Quickmove, Inc.	Deleted	Eviction for violation of Revocable Permit.
Shannon Donahue	Deleted	Eviction for violation of Revocable Permit.

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 2-2.

Table 2-2 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%
Statistical Analysis	
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%
Feedback	
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. HAR-EE 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 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.

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
	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.
	Number of informational inquiries and reports received via hotline	Number of inquiries and reports increased from previous year	On-going	Harbors Environmental Section	23 reports received/observations made by HAR-EE for Honolulu Harbor which is an increase 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 Honolulu Harbor. 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 storm drain inlets were stenciled. Data were collected about the origins of trash picked up during the activity. 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.

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

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
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	July 3, 2012	Harbors Environmental Section, volunteers	Storm drain stenciling of all common area drains Piers 7 through 38 during volunteer activity.
	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 2-2 summarizes the quiz effectiveness. The presentation is available on the harbors website.

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
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.
	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

<i>Goal: Minimize discharge of pollutants to receiving waters within the harbors</i>					
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.
	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, 2013	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 Honolulu Harbor 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.

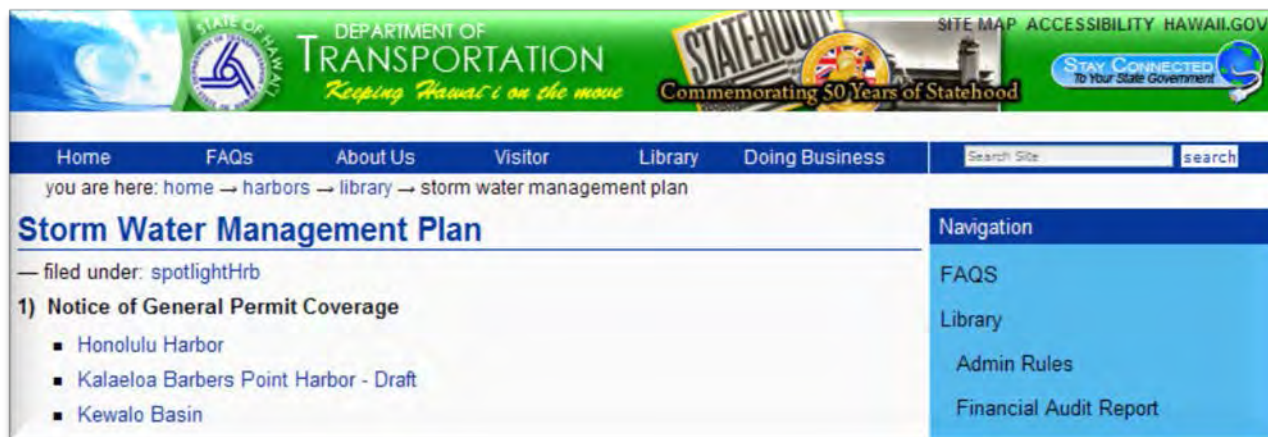
Overall, the majority of the tenants showed a willingness to cooperate and improve compliance with stormwater regulations and the Harbor's SWMP. The 2012 tenant inspections found a small number of tenants with illicit discharges, such as sinks that discharged onto paved surfaces and vehicle washing without proper procedures, controls, or approval by Harbors Division. In these cases tenants were told to immediately discontinue the activity and take measures to prevent the activity in the future until an approved method is proposed and approved by Harbors Division.

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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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,	77 of 155 (49.6%) of Honolulu Harbor tenants were inspected in 2012. Remaining tenants are either only inspected once every two years because of their low relative risk or evicted.
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	23 enforcement actions added to database.

3.0 PUBLIC INVOLVEMENT/PARTICIPATION



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

Permit Requirements

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	19 September 2013	Harbors Environmental Section	Tenants notified during training and SWMP posted to website.
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	Current SWMP posted and revised SWMP will be posted when completed. No comments received to date.
	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



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 outfall reconnaissance inventory (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 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 July 5 to 19, 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 Honolulu Harbor outfalls is included as Appendix K. The ORI documentation is included as Appendix L. Please see BMP Table 4-2. 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 will be implemented for Honolulu Harbor during 2013.

Outfalls that where “suspect” or “obvious” indicators of illicit discharged were investigated further. When possible, flow was tracked upstream to its source.

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	16 illicit discharges were found and followed up on. 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.
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, included in Appendix H. One illicit discharge was recorded by Harbors Ground Maintenance in 2012 and a monthly spill log was kept and 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	10 calls received and follow-up conducted (all reports not originated by HAR-EE).
	Number of illicit discharges prevented or stopped due to call to hotline	Increasing from previous year	On-going	Harbors Environmental Section	9 illicit discharges prevented or stopped. 1 incident had already occurred and the responsible party could not be found.
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, 77 of the 155 tenants at the Honolulu Harbor 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 based 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 Directory 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. These enforcement letters are summarized in Table 4-1 and kept in an enforcement database, included in Appendix O.

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.

Table 4-1 Summary of Enforcement Actions

Date of Enforcement	Tenant	Summary of Enforcement Action
1/23/2012	Paradise Cruise, Inc.	Letter following site inspection to convey appropriate bus washing techniques that are to be initiated within 21 days.
1/23/2012	Quickmove, Inc.	Letter following site inspection to convey required corrective actions to be performed within 20 days.
1/23/2012	Marine Petroleum Corporation and Fuelman, Inc.	Letter following site inspection to convey required corrective actions or Action Plan to be performed within 20 days.
4/30/2012	Paradise Cruise, Inc.	Letter requiring removal of aboveground storage tank within 21 days.
4/30/2012	Reef Development of Hawaii, Inc.	Letter requiring removal of aboveground storage tank within 21 days.
4/30/2012	Marine Petroleum Corporation	Letter requiring removal of aboveground storage tank within 21 days.
4/30/2012	Hawaii Transfer Company, Ltd	Letter requiring removal of aboveground storage tank within 21 days.
4/30/2012	Akana Trucking, Inc.	Letter requiring removal of aboveground storage tank within 21 days.
4/30/2012	Amazon Construction, Inc.	Letter requiring removal of aboveground storage tank within 21 days.
4/30/2012	Hi-Tec Roofing, Inc.	Letter requiring removal of aboveground storage tank within 21 days.
5/3/2012	Jem's Enterprises, LLC	Letter following site inspection requiring compliance with the Hawaii Emergency Planning and Community Right-to-Know Act by submitting a Tier Two Emergency and Hazardous Chemical Inventory Report.
5/11/2012	Quickmove, Inc.	Eviction letter outlining direct violations of the Terms and Conditions of the Revocable Permit for this property including apparent violations of the Clean Water Act and the National Pollutant Discharge Elimination System as well as numerous safety concerns and outstanding rent.
5/21/2012	Ty Pryne	Letter following site inspection denoting deficiencies.
5/22/2012	Kong Enterprises, Inc.	Eviction letter outlining violations to the Terms and Conditions of the Revocable permit as well as to the termination and revocation of the permit.
5/30/2012	Erik Builders, Inc.	Eviction letter outlining direct violations of the Terms and Conditions of the Revocable Permit for this property.

Date of Enforcement	Tenant	Summary of Enforcement Action
5/30/2012	Kumu Corporation	Letter of Warning following site inspection outlining violations of the Terms and Conditions of the Revocable Permit and requiring compliance within 11 days or revocation and termination of the permit will occur.
5/30/2012	Masuda Masonry	Letter following site inspection to convey required corrective actions to be performed within 20 days.
6/5/2012	Norman's Tractor Service	Letter following site inspection to convey required corrective actions to be performed within 30 days.
6/5/2012	Kokua Recycling	Letter of Warning following site inspection outlining violations of the Terms and Conditions of the Revocable Permit for the property. Compliance of corrective actions are required within 20 days or administrative action and/or revocation of the Permit will result.
6/5/2012	Nanakuli Neighborhood Housing Services, Inc.	Letter of Warning following the site inspection outlining the violations of the Terms and Conditions of the Revocable Permit and requiring compliance within 20 days.
6/13/2012	Paradise Equipment	Eviction letter outlining direct violations of the Terms and Conditions of the Revocable Permit for this property.
10/8/2012	Oceanic Libra Corporation	Letter prohibiting vehicular parking in open space at Pier 18.
12/5/2012	Kong's Enterprises, Inc.	Eviction letter outlining direct violations of the Terms and Conditions of the Revocable Permit for this property.

BMP Table 4-4 Inspection and Enforcement Plan

<i>Goal: Eliminate illicit discharges through inspection and enforcement.</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
Establish/update ranking of tenants according to Inspection and Enforcement Manual	Percentage of tenants ranked	100% of tenants ranked	January 2012	Harbors Environmental Section	Risk rankings of 155 tenants completed. 77 updated in 2012.
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.

<i>Goal: Eliminate illicit discharges through inspection and enforcement.</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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 P.

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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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 P.
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

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5.0 CONSTRUCTION SITE STORMWATER RUNOFF CONTROL



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. Select design review checklists are included in Appendix Q.

Table 5-1 Summary of Construction Plan Review

Date	Project No.	Location	Project Description
1/6/12	HC 10446	Pier 31 Honolulu Harbor	Repair Roof at Pier 31 Shed
1/12/12	Island Movers, Inc.	Pier 42 Honolulu Harbor	Parking and Staging Area for Island Movers, Inc.
1/26/12	HC 10480	Pier 28 Honolulu Harbor	Bulkhead and Substructure Repair
2/9/12	HC 10456	Pier 2 Terminal Honolulu Harbor	Repair Roof and Gutter System
2/14/12	HC 10496	Fort Armstrong Honolulu Harbor	Pavement Repairs
2/21/12	HC 10447	Baseyard Sand island	Roof Repairs at Maintenance Baseyard
3/19/12	HC10490	Pier 52&53 Honolulu Harbor	Replace Fire Protection Lines
4/2/12	HC 10489	Pier 10 Honolulu Harbor	Substructure and Fender Repairs
4/2/12	HC 90058 A, B, & C	Commercial Harbors Statewide	Installation of Breasting Bollards (Initial Review)
4/20/12	HC 10477	Pier 51 Honolulu Harbor	Pavement Repairs at Horizon Lines
4/17/12	HC 10500	Pier 22-23 Honolulu Harbor	Repair Fenders at Piers 22-23
5/1/12	HC 90058 A, B, & C	Commercial Harbors Statewide	Installation of Breasting Bollards (Final Review)
6/7/12	HC 10501	Pier 10 Honolulu Harbor	Shed Repairs
6/21/12	HC 10487	Piers 30-33 Honolulu Harbor	Repair Substructure and Waterline Repairs
7/25/12	HC 10473	Pier 35 Honolulu Harbor	Substructure and Waterline Repairs
8/6/12	HC 10476	Pier 51B, 52, 53 Honolulu Harbor	Pavement Repairs at Matson Terminals Container Yard
8/15/12	HC 10488	Aloha Tower Pier 9 Honolulu Harbor	Lead Abatement Plan At Aloha Tower (Initial Review)
8/24/12	HC 10516	Pier 23 Honolulu Harbor	Substructure and Hatch Repairs
8/26/12	HC 10515	Pier 31 Honolulu Harbor	Pier 31 Shed Demolition (30% Submittal)
9/4/12	HC 10506	Pier 1 Honolulu Harbor	Substructure Repairs
9/11/12	HC 10455	Piers 13 & 14 Honolulu Harbor	Repair Sewer Line`
9/21/12	HC 10510	Piers 8-10 Honolulu Harbor	Substructure and Waterline Repairs
9/21/12	HC 10488	Aloha Tower Pier 9 Honolulu Harbor	Lead Abatement and Repair Generator (Resubmittal)
11/7/12	HC10456	Pier 2 Terminal Honolulu Harbor	Repair Roof and Gutter System, Article XIII Submittal (Asbestos Abatement Plan)

Date	Project No.	Location	Project Description
11/7/12	HC 10456	Pier 2 Terminal Honolulu Harbor	Repair Roof and Gutter System, Article XIV Submittal (Lead Abatement Plan)
11/9/12	HC 10480	Pier 28 Honolulu Harbor	Bulkhead and Substructure Repairs (Safety and Health Plan)
12/6/12	HC 10515	Pier 31 Honolulu Harbor	Pier 31 Shed Demolition (90% Submittal)
12/7/12	HC 10490	Pier 52 & 53 Honolulu Harbor	Replace Fire Protection Lines (Asbestos Abatement Plan)
12/7/12	HC 10504	Matson Yard Honolulu Harbor	Roof Repairs at Matson CFS Shed (Review Preliminary Project Drawings)
12/7/12	HC 10520	Pier 19 Honolulu Harbor	Repair Gutters (Review Preliminary Project Drawings)
12/13/12	HC 10368	Pier 34 & 35 Honolulu Harbor	Rehabilitation of Building and Yard Areas
12/13/12	HC 10525	Pier 39 Honolulu Harbor	Expansion Joint Repairs (Preliminary Plans)
12/18/12	HMP 20907	Piers 12 and 15	Piers 12 & 15 Improvements

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. One connection permit was submitted to Harbors Division in 2012. Connection permits are included in Appendix R.

Stormwater BMPs are reviewed by HDOH CWB during NPDES NOI review, and may be reviewed by the City and County of Honolulu (C&C 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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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.

<i>Goal: Prevent sediment and erosion runoff from construction sites during the planning phase.</i>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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	33 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	33 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 S.

Harbors Division has adopted the 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 conducted 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 CRSCP.

Reports include a list of all construction projects, inspection dates, and resolution of any violations of stormwater-related requirements can be found in Appendix T and is summarized in Table 5-2. A copy of the revised Harbors Construction BMP Checklist form is included in Appendix U. 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 10354	Pier 29 Container Yard	1/18/12, 1/31/12, 2/6/12, 2/14/12, 2/29/12, 3/29/12, 4/30/12, 5/11/12	When any escaped material was present it was cleaned up and biosorb was maintained, replaced and overlapped to prevent run off.
HC 10407	Reset Concrete Panels at Pier 52	10/9/2012	None
HC 10446	Repair Roof at Pier 31 Shed	6/6/12, 8/6/12	None
HC 10459	Substructure Repairs at Pier 21, Honolulu Harbor	5/3/12, 5/30/12	None
HC 10473	Substructure and Waterline Repairs at Pier 35	10/25/2012	None
HC 10477	FY12 1-year Maintenance Pavement Repairs at Horizon Lines	8/21/2012	None
HC 10487	Substructure & Waterline Repairs at Piers 30-33, Honolulu	9/11/12, 10/25/12	None
Fort Armstrong Site	Ala Moana WW Pump Station Force Main #3 and #4	5/8/12, 5/11/12, 7/13/12, 8/20/12	Replaced filter fabric in inlet. Replaced gravel stabilization on Ilalo St. Rectified excess litter problem. Replaced absorbent socks.

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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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 T for reports.
	Number of construction sites inspected	100% of construction sites	Throughout 2012	Harbors Division, Site Inspectors	Eight 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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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 4th, 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 ;
- ✓ 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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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	May 7, 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



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. Table 6-1 summarizes the post-construction reviews that were performed in 2012. The post-construction review checklists are provided in Appendix V.

Table 6-1 Summary of Post-Construction Reviews

Date	Project No.	Location	Project Description
12/15/12	HC 10368	Piers 34 and 35	Rehabilitation of buildings and yard areas at Piers 34/35

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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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 Honolulu Harbor;
- ✓ 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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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



Permit Requirements

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

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; and
- ✓ 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. Grounds Maintenance has four sweepers; three are dedicated to Honolulu Harbor. 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)
Young Brothers	M, Th	2.5
Matson	Tu, F	2.75
Horizon Lines Terminal	W	3
Aloha Cargo Pier 1	Once per month	2.5
Kewalo Basin	T, F	1
Piers 10, 11	M, F	1
Sand Island Base Yard	T, W	1
Fishing Village Parking Lot and Road Ways, Pier 35	Once per week	1.5
Piers 30, 31, 32 and Shed Areas	Twice per week	1.5
Piers 27, 28, 29	Twice per week	1.5
Piers 18, 19, 23, 24	Twice per week	1.5
Channel Street, Pier 2 Outside and Inside of Shed Areas	M, F	3
Pier 1 Entrance	Twice per week	1
Piers 1, 2 Common Roadways	Twice per week	1

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 Honolulu Harbor are inspected and cleaned on a regular basis. The storm drain cleaning log is included in Appendix W. 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.
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 P.

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. Table 7-3 summarizes the list of tenants currently approved to conduct washing activities. The application and review process is tracked on an annual basis in BMP Table 7-2.

Table 7-3 Municipal Vehicle and Equipment Washing

Tenant	Location	Date of Approval	Date of Expiration	Description of Activity
J/R Environmental, LLC	KMR	3/14/12	3/14/13	Mobile washing equipment provided by J/R Environmental Co. is approved for use at this facility.
Jems Enterprises dba Hawaiian Ice	Pier 35	2/9/12	2/9/13	Washing with approved soap and vacuum berm.

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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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	2 applications submitted; 2 applications reviewed.
Review applications for dry wells and infiltration sinks.	Number of applications submitted and reviewed.	100% of applications	On-going	Harbors Environmental Section	No submittals.

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>					
Activity	Evaluation Indicators	Milestones	Date Performed	Action Performed by	Status/ Comments
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 P.

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8.0 ADDITIONAL ANNUAL COMPLIANCE REPORT REQUIREMENTS



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 K.

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 a yearly 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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9.0 REFERENCES

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APPENDIX A
NGPC FROM HDOH AND 2007 LETTER OF
EXTENSION

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**Notice of General Permit Coverage, Honolulu Harbor
Small Municipal Separate Storm Sewer System
File No. HI 03KB482**



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

In reply, please refer to:
EMD / CWB

03KB482.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)
Honolulu Harbor Small Municipal Separate Storm Sewer System
Honolulu, Oahu, Hawaii
File No. HI 03KB482**

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 Honolulu 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 03KB482**, 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. Dean Yanagisawa, Highways Division, Oahu District, Department of Transportation
(w/o encls.) [via fax 831-6725 only]
Mr. Gerald Takayesu, Storm Water Quality Branch, City and County of Honolulu,
Department of Environmental Services (w/o encls.) [via fax 692-5520 only]
Mr. Charles G. Schuster, P.E., Edward K. Noda and Associates, Inc. (w/ Receipt No. 03553
for \$500 Filing Fee only)

**Administrative Extension of General Permit Coverage,
Honolulu Harbor
Small Municipal Separate Storm Sewer System
File No. HI 03KB482**



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

In reply, please refer to:
EMD / CWB

03KB482.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)
Honolulu Harbor Small Municipal Separate Storm Sewer System
Honolulu, Oahu, Hawaii
File No. HI 03KB482**

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 Honolulu Harbor, a Class A, Marine Water Embayment.

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,

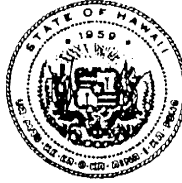

FOR Chiyome Leinaala Fukino, M.D.
Director of Health

c: Mr. Randal Leong, DOT-HAR [via fax 587-1864 only]
Mr. Charles Schuster, EKNA Services, Inc. (w/Receipt No. 31731 for \$500 Filing Fee)

RECEIVED
OCT 26 2007

EKNA SERVICES, INC.

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

03KB482.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)
Honolulu Harbor, Honolulu, Oahu, Hawaii
File No. HI 03KB482**

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. 31731 for \$500 Filing Fee)

RECEIVED
OCT 26 2007

EKNA SERVICES, INC.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



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

LORETTA J. FUDDY, A.C.S.W., M.P.H.
DIRECTOR OF HEALTH

In reply, please refer to:
DOH/CWB

03KB482.EXT.12

October 19, 2012

The Honorable Glenn M. Okimoto, Ph.D.
Director
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813

Attention: Mr. Carter Luke
Engineering Program Manager

Dear Dr. Okimoto:

**Subject: Administrative Extension of
Notice of General Permit Coverage (NGPC)
Honolulu Harbor
Honolulu, Island of Oahu, Hawaii
File No. HI 03KB482**

The Department of Health (DOH), Clean Water Branch (CWB), acknowledges receipt of your renewal 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 DOH is unable to complete the processing of your NOI prior to the current NGPC expiration date. Therefore, in accordance with HAR, Section 11-55-34.09(d), the DOH hereby administratively extends the subject NGPC until a notice of renewed coverage under the applicable general permit is issued or until notified by the DOH, whichever occurs first. Please note that the DOH may request you submit additional information in order to complete the processing of your NOI for 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 renewal NOI, so long as it acts consistently with the NGPC presently granted. **Note: The Permittee shall continue any sampling required by the current NGPC.** 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.

The Honorable Glenn M. Okimoto, Ph.D.
October 19, 2012
Page 2

03KB482.EXT.12

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.

If you have any questions, please contact Mr. Reef Migita of the Engineering Section, CWB, at (808) 586-4309.

Sincerely,



for LORETTA J. FUDDY, A.C.S.W., M.P.H.
Director of Health

c: Mr. Carter Luke, DOT-Harbors Division [via e-mail Carter.Luke@hawaii.gov only]
DOT-Harbors Division [via e-mail ying.j.zhang@hawaii.gov only]

APPENDIX B
TENANT LEASE AGREEMENT AND REVOCABLE
PERMIT

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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.

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.

APPENDIX C

TENANT INVENTORY

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Honolulu Harbor Tenant Inventory

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
1726, Inc.	4348 Waialae Avenue, Suite 334 Honolulu, HI 96816-5307		H-00-204		Mark Glen; Willie Cowart; Roger Jensen	(808) 599-3888, (808) 284-1543
Aala Produce, Inc.	869 North Nimitz Highway Honolulu, HI 96817-4517	H-98-2			Rodney Tamamoto	(808) 522-0550, (808) 478-8732
Akana Trucking, Inc.	209 Hao Street Honolulu, HI 96821		DOT-94-64; H-10-2674		Kevin M Akana	(808) 845-9825
Aloha Agricultural Consultants, Inc.	P.O. Box 17220 Honolulu, HI 96817-5846		H-00-2233; H-97-1985		Sidney Goo	(808) 845-5991, (808) 225-3507
Aloha Cargo Agency Services, Inc.	677 Ala Moana Blvd., Suite 917 Honolulu, HI 96813		H-06-2523; H-06-2554		Thomas Crescenzi	(808) 536-7033, (808) 748-8790
Aloha Container Sales & Rental, Inc.	P.O. Box 30936 Honolulu, HI 96820		H-02-2344		Richard D. Preston II (Rick Preston)	(808) 843-8600, (808) 306-3748
Aloha Liquers, Inc.	5 Sand Island Access Road, Bldg 929, Box 118 Honolulu, HI 96819		DOT-94-90		David Fazenden	(808) 841-5787
Aloha Tower Marketplace	1 Aloha Tower Drive Honolulu, HI 96813				Marlene Daley	(808) 528-5700
Aluminium Shake Roofing, Inc.	5 Sand Island Access Road Building 919-B, Box 108 Honolulu, HI 96819		DOT-94-86		Fred Rehm; Ann Rehm	(808) 847-8885; (808) 383-8020
Amazon Construction Company, Inc.	5 Sand Island Access Road, Box 139 Honolulu, HI 96819		DOT-96-136; H-98-2104		Duston Onaga	(808) 841-6595
Ameron International Corporation	P.O. Box 29968 Honolulu, HI 96820-2368		H-87-1384; H-97-1978	HI0021075, HIR00759	Linda Goldstein; June Ching	(808) 266-2672; (808) 266-2640
Anchor Construction Management Corporation	5 Sand Island Access Road, Box 134 Honolulu, Hawaii 96819		H-99-184		David B. Thielem	(808) 306-0826
ARA CONTRACTING	1433 Kewalo Street #304 Honolulu, HI 96822		DOT-96-144		Kenneth Park	(808) 387-6108; (808) 536-9647
Arita/Poulson General Contracting, LLC	P.O. Box 1035 Puunene, HI 96784		H-98-2101		Steve Jorgensen; Daryl Arita	(808) 368-4764; (808) 870-7777

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Atlantic Submarines Hawaii, LLC	Attn: Val Acebo 1600 Kapiolani Boulevard, Suite 1630 Honolulu, HI 96814		H-05-2516	HI R80B138	John Chapman	(808) 832-6603, (808) 754-8130
BCP Construction of Hawaii, Inc.	5 Sand Island Access Road, Box 112 Honolulu, HI 96819-4354		H-02-214; H-10-2673		George Baxter	(808) 841-4574 ext. 208, (808) 864-6892
Brookins Boatworks, Ltd.	5 Sand Island Access Road, Box 117 Honolulu, HI 96819		H-03-2396		Gary Brookins	(808) 841-2525, (808) 216-2972
Build Systems Intl (Hawaii), Inc.	664-A Kakoi Street Honolulu, HI 96819				Environmental Manager	
Burlington Environmental, Inc.	ATTN: Shanyyn Kauihou 5 Sand Island Access Road, Box 161 Honolulu, HI 96819		DOT-94-77		Otto Audirsch; Shanyyn Kauihou	(808) 306-3880; (808) 845-0032
CB Tech Services	Sand Island Access Road, Box 102 Honolulu, HI 96819		DOT-95-108		Rudy; Fay; Edwin	(808) 848-0060
Central Pacific Distributing, Inc.	5 Sand Island Access Road, Box 127 Honolulu, HI 96819-4905		DOT-95-107		Brian Oda	(808) 848-0787
Certified Sheet Metal, Inc.	1544 Mahiole Street Honolulu, HI 96819		H-99-187		Michael Yamauchi	(808) 372-3918; (808) 841-7730
Chase Sales & Distribution, Inc.	5 Sand Island Access Road, Box 147 Honolulu, HI 96819		H-11-2703		Hank Hatakenaka; Neal Kurosaki; Rick Comilang	(808) 842-4588
City & County of Honolulu, Honolulu Fire Department	111 North Nimitz Highway, Pier 15 Honolulu, HI 96817		H-91-22		Captain Lance Orillo or Mr. Mark Saizon	(808) 527-6889
City & County of Honolulu, Honolulu Police Department, Juvenile Services, P.A.L.	801 South Beretania Street Honolulu, HI 96813	H-203			Lieutenant J. Averell Peddro	(808) 529-3881
Classic Tile Corporation	P.O. Box 30568 Honolulu, HI 96820		DOT-93-13		Casey; Richard Raffy "Racoma"	(808) 216-3801; (808) 841-8332; (808) 217-5781
Clean Islands Council	179 Sand Island Access Road Honolulu, HI 96819-2224		H-89-1610; H-90-1689; H-93-1815; H-94-1842		Tim Sawyer, Pat Gillan	(808) 536-5814

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Concrete Coring Company of Hawaii, Inc.	99-1026 Iwaena Street Aiea, HI 96701		H-00-2235; H-05-2473		Nathan Sabey / John Neff	(808) 488-8222, (808) 330-7516;
Control Tech, LLC	P.O. Box 30992 Honolulu, HI 96820		H-07-2597		Melvin Tsue; Barbara G. Hayashi	(808) 847-7490
Convention Set Builders, Inc.	5 Sand Island Access Road, Box 103 Honolulu, HI 96819		H-98-177		Eric van der Voort	(808) 216-1507
Custom Bilt Metals, Inc.	5 Sand Island Access Road Building 928, Box 138 Honolulu, HI 96819		H-98-164		Steve Chiovare	(808) 479-1451, (808) 845-1806
D&K Produce	1547 Kokea Street Honolulu HI 96817		DOT-96-133		Kim Tram	
David D Chang and Eun Ik Chang	P. O. Box 30054 Honolulu, HI 96820		H-05-2490; H-10-2679		David Chang; Tony Chang	(808) 853-1122; (808) 218-2121; (808) 979-2023
DD-M Leasing Company, Inc.	65 North Nimitz Highway, Pier 14 Honolulu, HI 96817		H-04-2467		Denise Maurer	(808) 791-0067 (not working)
Dedrick, Dewain A.	701 North Nimitz Highway Honolulu, HI 96817		H-02-2383		David Donaldson	(808) 587-7779, (808) 387-1368
Dependable Hawaiian Express, Inc.	Attn: Kane McEwen 703 North Nimitz Highway Honolulu, HI 96817	H-05-23			Kane McEwen; Ron Richardson	(808) 841-7311 ext. 1701
Division 8, Inc.	5 Sand Island Access Road, Box 126 Honolulu, HI 96819		DOT-96-142		Brad Granger	(808) 845-8999
Donahue, Shannon	P.O. Box 356 Kihei, HI 96753		H-03-2415		Shannon Donahue	(808) 330-1370
Don's Makiki, Inc.	1406 South Beretania Street Honolulu, HI 96814		H-98-170		Holly Moran; Don Gau (Local); Nora Gau (Local)	(301) 775-7692; (808) 306-1650
East West Marketing, Inc.	95-1016 Hololea Street Mililani, HI 96789-4983		H-11-2701		Bertram Bargamento; Melody Calisay	(808) 753-7964; (808) 843-1221
Erik Builders, Inc.	50-CC Sand Island Access Road Honolulu, HI 96819		H-97-1984; H-98-2092		James M. Sakata	(808) 845-7736
Five "C" Corporation	80 Sand Island Access Road, #226 Honolulu, HI 96819		H-12-2711		Eric Carlborn	(808) 832-0555
Frank P. White Jr. Properties	2276 Pahounui Drive Honolulu, HI 96819		H-97-1986		Frank White; Gail Thometz	(808) 841-5555

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Fresh Island Fish, LLC	1135 North Nimitz Highway Honolulu, HI 96817	H-05-24	H-07-2584		Derek Higa	(808) 831-4911
Friends of Falls of Clyde	P.O. Box 25008 Honolulu, HI 96812-4674		H-09-2645		Chris Woolaway; Bruce Mcewan	(808) 753-3311; (808) 543-9311, (808) 543-9357
Friends of Hokule'a & Hawai'i'loa	1329 Maleko Street Kailua, HI 96734		H-98-2074		Jay Dowsett	(808) 256-1841
Fukunaga, Paul N.	1391 Haloa Drive Honolulu, HI 96818-1907		H-02-2339		Paul N Fukunaga	(808) 842-1330, (808) 220-9425
Gillis, Eugene	5928 Kalaniana'ole Highway Honolulu, HI 96821		H-02-2366; H-07-2590		Eugene Gillis	(808) 383-1959
Great Pacific Wholesale Company, LLC	P.O. Box 31062 Honolulu, HI 96820		H-03-2399		Todd Patterson	(808) 395-8048; (808) 375-9259
Hajalee Inc.	1010 Kaili Street Honolulu, HI 96819		H-07-2592		Jason Yang, Kevin Lee	(808) 841-8699
Hardy Construction Company, Inc.	2410 Makiki Heights Drive, #4 Honolulu, HI 96822				William Hardy; Melvin R. Hardy	(808) 845-0267
Hawaii Explosives & Pyrotechnics, Inc.	P.O. Box 1244 Keaau, HI 96749		H-02-2385		Ronald Pascual; Charlene Pascual	(808) 968-0600; (808) 836-1300
Hawaii Maritime Center	Accounts Payable Section 1525 Bernice Street Honolulu, HI 96817	H-87-30			Donald	(808) 523-6151
Hawaii Painting & Wallcovering, Inc.	P.O. Box 17038 Honolulu, HI 96817-0038		H-99-2153		Brian Tajiri	(808) 479-6825, (808) 590-9144
Hawaii Stevedores, Inc.	1601 Sand Island Parkway Honolulu, HI 96819		H-96-1912; H-05-2506; H-09-2651; H-11-2706	R80D538, R80A305	Ron Hager; Ken Chung	(808) 527-3445; (808) 527-3415, (808) 927-2740
Hawaii Transfer Company, Ltd.	P.O. Box 665 Pearl City, HI 96782		H-09-2654	HIR80B403	Joseph Aguon	(808) 677-3111 ext. 134
Hawaiian Aqua Products, Inc.	1130 Wilder Avenue, Suite 102 Honolulu, HI 96822		H-97-2002	HIR20A196	Yal M. Lim, Foo W. Lim, Evelyn Lim	(808) 521-5468
Hawaiian Catamaran Multihull Design	50-C Sand Island Access Road Honolulu, HI 96819		H-97-2000		Matt Buckman	(808) 306-6012
Heumann, James	P.O. Box 8672 Honolulu, HI 96830		H-99-2128		James M. Heumann	(808) 220-7675

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Hirose Electric	P.O. Box 30448 Honolulu, HI 96820		DOT-96-132		Gena or Kevin; Scott Hirose	(808) 848-8830
Hi-Tec Roofing, Inc.	5 Sand Island Access Road, Box 157 Honolulu, HI 96819		DOT-94-59		Ken Gernhard; Al Meier	(808) 284-1543
Honolulu Community Action Program, Inc.	33 South King Street, Suite 300 Honolulu, HI 96813				John Park	(808) 277-3716; (808) 843-4305
Honolulu Freight Service	P.O. Box 169 Honolulu, HI 96810		H-11-2709; H-12-2718		Kenneth M. Cho, Jr.	(808) 531-0258
Honolulu Marathon Association	3435 Waiialae Ave Suite 208 Honolulu, HI 96826		H-06-2544		Ronald Chun; Jeanette Chun; Valerie Lawson	(808) 734-7200; (808) 946-0539; (808) 734-2611
Hook Up Towing, Inc.	1843 Liliha Street, APT B Honolulu, HI 96817-2368		H-03-2398		Randy Grune	(808) 306-7484, (808) 486-4665
Horizon Lines, LLC	1601 Sand Island Parkway Honolulu, HI 96819	H-92-22	H-06-2525; H-91-1710; H-96-1916; H-99-2167	HIR808909	Frank Roznerski; Todd Iida	(808) 842-5389; (808) 842-5370
HPBS, Inc.	P.O. Box 721 Honolulu, HI 96808-0721		H-79-816; H-93-1819; H-99-2159 (?)		Fay Leong; Captain David Lyman; Captain Steven Baker	(808) 532-7233
HPC Foods, Ltd.	288 Libby Street Honolulu, HI 96819		H-06-2563		Ron Yamauchi; Eric Enomoto; Richard Vidinha	(808) 848-2431 ext. 1310; (808) 564-1327
Industrial Chemical & Lubricants, Inc.	P.O. Box 30173 Honolulu, HI 96820		DOT-93-12; H-06-2542		Patricia Shinsato; Bob Lealau	(808) 842-4116
International Express, Inc.	P.O. Box 797 Honolulu, HI 96808	H-99-7	H-05-2477; H-10-2671		Arthur Leasing; Owen M. Fujiwara	(808) 836-4744; (808) 841-6005
Ishikawa, Norman & Dolores	P.O. Box 2280 Ewa Beach, HI 96706		H-97-1988		William; Theresa Alcosiba; John Ishikawa	(808) 778-1084; (808) 689-3644, (808) 778-0344; (808) 218-9824
Island Beach Activities	P.O. Box 8181 Honolulu, HI 96830		H-06-2543		John Salvio; Herbert Bessa	(808) 223-8735; (808) 946-7490
Island Movers, Inc.	P.O. Box 17865 Honolulu, HI 96817		H-90-1642; H-06-2531	HIR80A506	Pat Hee	(808) 392-8830

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Jas W. Glover, Ltd.	P.O. Box 579 Honolulu, HI 96809		H-06-2553	HIR70C472	Keola Goo; Kyle	(808) 591-8977 ext. 321
Jems Enterprises, LLC	1125 North Nimitz Hwy Honolulu, HI 96817	H-09-46			Marshall Joy	(808) 538-6918 x107
Jet Pro, Inc.	7235 Pulehu Street Honolulu, HI 96825		H-00-202		Margaret Guerrero; Guy Kort (not a employee)	(650) 794-0155; (808) 220-5849
JFC International	P.O. Box 4404 Honolulu, HI 96813		H-02-2330		Toshiaki Wada	(808) 537-9528
Kagami, Inc.	P.O. Box 17129 Honolulu, HI 96817-0129	300135	H-02-2343; H-04-2468; H- 05-2481; H-05-2509;		Inayme Kagami	(808) 523-5700
KDGM, Inc.	1547 Kokea Street Honolulu, HI 96817		H-11-2707		Danny Ung; Kim Tram	(808) 292-2023; (808) 537-9588
Kong Enterprises, Inc.	P.O. Box 5187 Kaneohe, HI 96744		H-07-2579		Richard Kong, Jr.	(808) 487-3582, (808) 239-5759, (808) 239-3974
K-Sea Transportation, Hawaii Division	Pier 21 Honolulu, HI 96817		H-93-1804; H-93-1816; H- 01-2249; H-01-2273; H-04- 2463;		Bill Boland	(808) 522-1000 ext.108
Kumu Corporation	50 K Sand Island Access Road Honolulu, HI 96819		H-97-1995		Daniel Kahler	(808) 232-2577; (808) 848-2026
Lansdown, Ian J.	665 IANA Street Kailua, HI 96734-3410		H-99-2157		Jeff Lansdown	(808) 263-2383; (808) 230-0940
Marine Petroleum Corporation	P.O. Box 29249 Honolulu, HI 96820		H-98-2082; DOT-94-52(?)		Michael P. Rossman	(808) 841-0169, (808) 220-7675
Marine Spill Response Corporation	179 Sand Island Access Road Honolulu, HI 96819		H-94-1845		John; Chris Calvin,	(808) 847-8144, (425) 308-0178
Maritime License Center	707 Alakea Street, Suite 314 Honolulu, HI 96813		H-01-2298; H-02-2364		Charles Howard; Jason Allen; Captain Carl Devoe, Ph.D. USNR (ret) - Director	(808) 589-0123

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Matson Navigation Company, Inc.	P.O. Box 899 Honolulu, HI 96808-0899		H-84-1237; H-86-1382; H-96-1909; H-04-2461, H-07-2570	HI R80A15	Keahi Birch; Kent Takazawa; Enriqueta Tanaka	(808) 848-1252; (808) 848-1280
Matson Terminals, Inc.	P.O. Box 2630 Honolulu, HI 96803	H-79-5; H-86-10; H-88-34. H-88-35, H-91-4; H-06-05	H-82-1011; H-99-2156	HI R80A15	Thomas A. Marnane; Keahi Birch;	(808) 848-1252; (808) 848-8306
Mauga-Olive Assembly of God	P.O. Box 4114 Honolulu, HI 96813		DOT-97-152		Setu Taifane;	(808) 778-0127
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
Miller Industries, Inc.	5 Sand Island Access Road, Box 105 Honolulu, HI 96819		H-05-2475		William Miller; Mark Miller	(808) 848-0855
MLC International, LLC	P.O. Box 10459 Honolulu, HI 96816		H-06-2541		Matthew Lyum	(808) 282-5496
Moana Pa'a Kai, Inc.	P.O. Box 3288 Honolulu, HI 96801-3288		H-99-2175	HIR80B059	Nathan Kapule; Randal Lau	(808) 543-9398; (206) 276-1898
Myung Soo Han	1617 Keeaumoku Street, #501 Honolulu, HI 96822 (address needed to be double-checked)		H-05-2474		Myun Soo Han	(808) 841-6688
Nakamura, Rodney S.	2433 Rooke Avenue Honolulu, HI 96817		H-99-188		Rodney S. Nakamura	(808) 228-2551; (808) 848-9777
Nanakuli Neighborhood Housing Services, Inc.	P.O. Box 17489 Honolulu, HI 96817-0489		H-01-2248		Wilbert Barber; Paige Barber	(808) 842-0770
Norko Marine Agency, Inc.	791 North Nimitz Highway, Pier 32 Honolulu, HI 96817		H-01-2314		Norman Cheu	(808) 216-4790, (808) 536-4568
Oceantronics, Inc.	711 North Nimitz Highway Honolulu, HI 96817		H-98-2102		Sharon; Fritz M. Amtsberg	(808) 522-5600; (808) 832-5590
Ohai, Leo A.	C/O Oceanic Libra Corporation, P.O. Box 37038 Honolulu, HI 96820		H-99-3		Nepi Ohai	(808) 531-2524

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
P&R Water Taxi, Ltd.	P.O. Box 2851 Honolulu, HI 96803-2851		H-91-1714; H-05-2504;	HIR80A153	Ralph Dewitt	(808) 554-3436
Pacific Commercial Services, LLC	P.O. Box 235117 Honolulu, HI 96813		H-05-2482; H-06-2529; H-10-2672		Winnie Yuen; Jingbo Chang	(808) 545-4599
Pacific Divers Equipment Supply, Inc.	5 Sand Island Access Road, Box 140 Honolulu, HI 96819		H-08-2642		Matthew Stone; Tom Coyne	(808) 847-4455; (808) 358-6028
Pacific Environmental Corporation	65 North Nimitz Highway, Pier 14 Honolulu, HI 96817-5333		H-93-1817; H-96-1898; H-98-2055;		Justin, D.C. Carter (Pier 14); Jeremy Sirkin (Pier 32); Rusty Nall	(808) 545-5190; (808) 479-3905; (808) 545-5195;
Pacific Fishing and Supply, Inc.	504 North Nimitz Highway Honolulu, HI 96817		H-97-1969		Roger Dang; Minh H. Dang	(808) 533-1195; 590-9921
Pacific Ocean Producers, Inc.	1133 North Nimitz Highway Honolulu, HI 96817	H-03-18; H-10-51	H-04-2458; H-07-2588		Arlen Walsten	(808) 537-2905 ext. 105
Pacific Shipyards International, LLC	P.O. Box 31328, Honolulu HI 96820		H-98-2123; H-84-1229	HIDO20753	Marv Miller	(808) 342-3384
Pang, Sandra	139 Mokauea Street Honolulu, HI 96819		H-91-1735		Sandra Pang	(808) 778-4686
Paradise Cruise, Ltd.	5 Sand Island Access Road, Box 121 Honolulu, HI 96819		DOT 93-22; H-98-11; H-98-2121; H-06-2530	HI R80E255	Marc Rubenstein	(808) 479-7427
Paradise Inn Hawaii, LLC	765 Amana Street, Suite 500 Honolulu, HI 96814	H-07-32			Tom Enomoto	(808) 945-9777
PBC Wholesalers, Inc.	5 Sand Island Access Road, Box 116 Honolulu, HI 96819		DOT-94-76		Alan Nozawa	(808) 842-6565
Pendeton Flour Mills, LLC	P.O. Box 1238 Honolulu, HI 96807-1238	2767	H-01-2283		Tim Bryan	(808) 527-3272, (808) 527-3215; 368-1868
Petrospect, Inc.	499 North Nimitz Highway, Pier 21 Honolulu, HI 96817-5063		H-87-1411; H-88-1517		Chad Miller, David Harrington	(808) 536-6626
Pioneer Machinery, Inc.	P.O. Box 22265 Honolulu, HI 96823-2265		H-90-1678		Rodney Yee	(808) 371-4892
Prime Builders	411 Hobron Lane, #912 Honolulu, HI 96815		DOT-96-146		Damjan Roncevich	(808) 371-5086; (808) 395-6698
Protech Roofing, LLC	5 Sand Island Access Rd, Box 163 Honolulu, HI 96819		H-03-2407		Charles E. Spiegel	(808) 597-8120

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Pryne, Ty	742 Queen Street, Suite 301 Honolulu, HI 96813	1009557	H-01-2271		Ty Pryne	(808) 479-8844, (808) 597-8120
Rebecca's Fine Collections, Inc.	66 Queen Street, #1702 Honolulu, HI 96813		H-07-2578		Rebecca Fan	(808) 478-6688
Reef Development of Hawaii, Inc.	P.O. Box 1055 Aiea, HI 96701		H-10-2693		Islander Achay (?); Samuel S. Aguirre	(808) 387-1368; (808) 488-1228 ext. 114
Robert Marcos, Inc.	5 Sand Island Access Road, Box 143 Honolulu, HI 96819-4908		DOT-96-141		Mark Gaulke; Robert Marcos	(808) 841-1123
Roberto's, Inc.	5 Sand Island Access Road, Box 145 Honolulu, HI 96819		DOT-96-131		Grace Siu (RI); Nelly Nathamone (RHCS)	(808) 843-1688 ext. 110; (808) 845-6633; (808) 845-6634 (warehouse)
Ron's Concrete Specialist, Ltd.	P.O. Box 17370 Honolulu, HI 96817		H-98-2115		James Mainaupo; John Mainaupo, Jr.	(808) 845-0467
Saito, Lincoln Timothy	1058 12th Avenue, Unit B Honolulu, HI 96816		H-07-2577		Lincoln Timothy Saito	(808) 284-0420
Sause Bros., Inc.	705 North Nimitz Highway, 2nd Floor Honolulu, HI 96817	H-03-14; H-10-50	H-01-2261; H-04-2449		Wayne Stachel for HNL, Mike Leslie for Kalaeloa; Douglas Won	(808)306-2177; (808) 521-5082; KAL: (808) 523-5636
Schofield Federal Credit Union	P.O. Box 860669 Wahiawa, HI 96786				Gary Yonamine, CEO; Jaffy Lau, CFO	(808) 624-9884
Sea Engineering, Inc.	863 North Nimitz Highway Honolulu, HI 96817		H-01-2289; H-09-2665		W. Patrick Ross; Tor Harris	(808) 536-3603; (603) 978-6800
Shobu's Refrigeration & Air Conditioning, Inc.	45-616 Apuakea Street Kaneohe, HI 93744		H-10-2684		Scott Oshiro; Clayton Shobu	(808) 526-8068; (808) 864-0111
Siu, Wai Lun	750 North Nimitz Highway Honolulu, HI 96819		H-98-2114		Raymond Siu	(808) 597-8120
Southern Food Group	925 Cedar Street Honolulu, HI 96814				Jason Fujimoto	(808) 630-7401

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
State of Hawaii Department of the Attorney General/Criminal Justice	425 Queen Street Honolulu, HI 96813				Kern Nishioka; Christopher Young	(808) 586-1383
Steinke Brothers, Inc.	98-889 Kaahele Street Aiea, HI 96701		H-97-1981		Robert Steinke	(808) 488-9668
Submarines Hawaii, L.P.	680 Iwilei Road, Suite 700 Honolulu, HI 96817-5317		H-99-2168		Captain Fred Racale; Koa Lyu	(808) 753-7727; (808) 832-1643, (808) 457-5398
Sun Chong Company, Ltd.	5 Sand Island Access Road, Box 148 Honolulu, HI 96819		DOT-94-71		Kevin Lam; Ann Lam; Shirley Lam	(808) 381-2495; (808) 537-3525
Tai Polythene of Hawaii, Inc.	60 Laimi Road Honolulu, HI 96817		H-10-2690		Tai Lee	(808) 848-5591; (808) 595-7734
TBC, LLC	1172 Lunalua street Kailua, HI 96734		H-06-2522		Patrick Casey	(808) 292-7468
The Custom Company, Inc.	205 Kalihi Street Honolulu, HI 96819		H-02-2347		Caroline; Milton Ebesu	(808) 843-2805; (808) 845-8811
The Pasha Group	Pasha Hawaii Transport Lines 745 Fort Street Mall Suite 1600 Honolulu Hawaii 96813		H-06-2565		Darren Lee	(808) 590-3617
The Sussex Company, Inc.	2270 Makiki Heights Drive Honolulu, HI 96822		DOT-96-128		Tony Sussex	(808) 537-3001
The Webe Corporation, Ltd.	680 Iwilei Road, Suite 700 Honolulu, HI 96817		H-05-2508		Captain Fred Rackle	(808) 831-1564, (808) 753-7727
Theophyllus, Inc.	224 Mokauea Street Honolulu, HI 96819		H-02-218		Layne Kano; Wayne Kano	(808) 848-8844 Ext. 232
Tropical J's, Inc.	5 Sand Island Access Road, Box 122 Honolulu, HI 96819		H-07-2571		Chris; Gary Barnes	(808) 848-0888
Tropical Rain Gutter and Roofing, Inc.	5 Sand Island Access Road, Box 141 Honolulu, HI 96819		H-02-217		Kim Beattie; Charles M. Beeck Jr.	(808) 847-0030; (808) 783-0662
U.S. Bureau of Customs and Border Protection, Department of Homeland Security	300 Ala Moana Boulevard, Room 2-267 Honolulu, HI 96813		H-97-1934; H-03-2419		Nancy Graham; Peter F. Gonzales	(808) 522-8001 ext. 223; (808) 356-4175

Tenant Business Name	Mailing Address	Lease No	Revocable Permit No	NPDES Permits	Inspection POC	Phone Number
Uniroc Corporation	5 Sand Island Access Road, Box 101 Honolulu, HI 96819		DOT-95-118, H-08-2616		Jonathan N. Ing; Nelson Kuo	(808) 845-5557; (808) 620-8992; (808) 554-8909
United Fishing Agency, Ltd.	1131 North Nimitz Highway Honolulu, HI 96817	H-03-17	H-98-2037		Daniel Otani	(808) 536-2148
Unitek Technical Services, Inc.	P.O. Box 29177 Honolulu, HI 96820		H-99-182		Frank Schumann / Tony; Barbara Montpas	(808) 447-2619; (808) 831-3076; (808) 478-6914
Universal Wholesaler Association, Inc.	P.O. Box 160927 Honolulu, HI 96816		H-03-2400		Patrick Chan; Mei Li- chan	(808) 842-7427
Van, Kevin	Pier 20, Warehouse #6 Honolulu, HI 96817		H-97-1936		Kevin Van	(808) 521-6076; (808) 282-1452
Viking V., Inc.	309 Iliha Street Kailua, HI 96734-1856		H-05-2515		John Myking	(808) 254-6228; (808) 306-8158
Welch, Jr., Darrell, G., AIA	One Aloha Drive, Box 63 Honolulu, HI 96813		H-99-2134		Darrell G. Welch Jr., AIA; Cookie LeMadrid	(808) 585-8522
Wikoliana Educational Excursions, LLC	665 Iana Street Kailua, HI 96734		H-09-2648		Ian Jeffrey Lansdown	(808) 230-0940
Windward Moving and Storage	5 Sand Island Access Road, Box 140 Honolulu, HI 96819		H-11-2699		Gregory Hamilton	(808) 845-6100; (808) 721-5522
Y. Fukunaga Products, Ltd.	5 Sand Island Access Road, Box 125 Honolulu, HI 96819		H-02-2353		Neal M. Otani	(808) 841-1555
Y. Hata & Company, Ltd.	285 Sand Island Access Road Honolulu, HI 96819		H-10-2670		Chad Diaz; Kurt Fey; Richard Rego; Tyrone Buchanan	(808) 864-2615; (808) 864-4231; 864-4258; (808) 392-5425
Yim, Donald T.	5 Sand Island Access Road, Box 153 Honolulu, HI 96819		H-03-2406		Donald T. Yim	(808) 841-3911
Young Brothers, Ltd.	P.O. Box 3288 Honolulu, HI 96801	H-93-4; H-98-8; H-01-04;	H-94-1857; H-96-1895; H-98-2118; H-99-2131; H-00-2214; H-00-2229; H-01-2275;	HAR80A119	Nathan Kapule; Lori Biles; Bruce McEwan	(808) 543-9398; (206) 276-1898; (808) 543-9357

APPENDIX D TENANT MAILING

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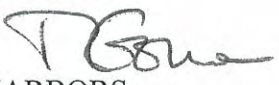


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS DIVISION
79 SOUTH NIMITZ HIGHWAY
HONOLULU, HAWAII 96813-4898

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>



APPENDIX E

HARBORS TENANT TRAINING RECORDS

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Introduction

- Hawaii Department of Transportation – Harbors Division
 - Randy Grune – Deputy Director
 - Carter Luke PE – Engineering Program Manager
 - Randal Leong PE – Environmental Engineer
 - Jim Galariada – Environmental Health Specialist
 - Joy Zhang – Environmental Health Specialist
- Weston Solutions, Inc.
 - Mark Ambler PE, PMP
 - Joe Weidenbach
 - Anthony Rodriguez
- Hawaii Department of Health
 - Matthew Kurano



AGENDA

- Regulatory Background
- Harbors (Small MS4) General Permit Requirements
 - Public Education
 - Public Participation
 - Illicit Discharge Detection and Elimination (IDDE) Program
 - Construction Site Run-Off Control
 - Post Construction Control
- Video Presentation (20 mins) – **“Insert Video Title”**
- Pollution Prevention and Good Housekeeping
- Facility Inspections
- Enforcement Response Program
- Contact Information
- Questions and Answers

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%

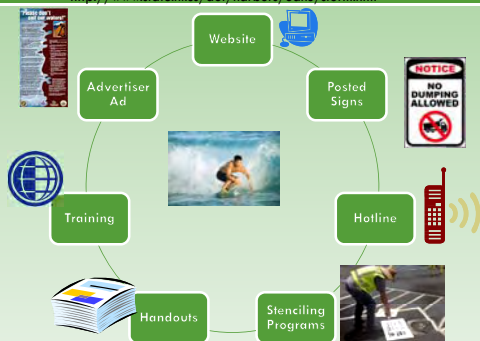
2011
49.1%

Goal
90%

NEW RULE: NO SHOW = DEFICIENCY & INCREASED RISK RANK

Minimum Control Measures 1&2 Public Outreach & Participation

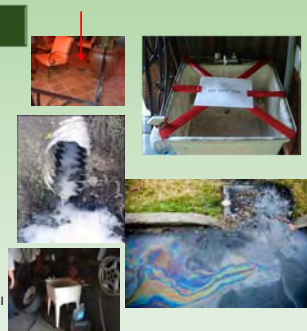
<http://www.state.hi.us/dot/harbors/oahu/storm.htm>



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

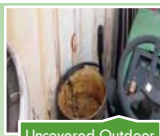


**DISCHARGE FROM VESSEL OR
ALREADY MADE IT TO
WATER?
REPORT IT!!
587-2076**

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



REPORT THESE



Uncovered Outdoor Petroleum Storage



Overflowing Trash Bins



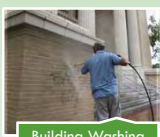
Leaking Drums or Rolloffs



Outdoor Sink Without Capture



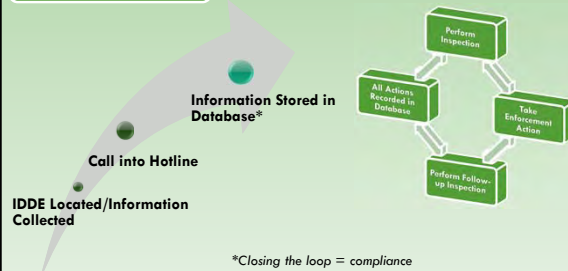
Vehicle Washing without Capture



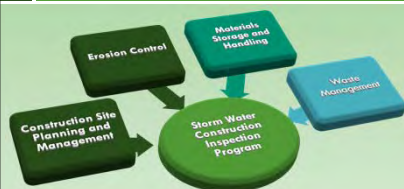
Building Washing without Capture

ILLICIT 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

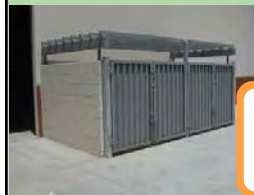
Waste Management (Source Control)

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 ft²
- Report → Change in Peak Flow

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

Location	C ₁	C ₂	I (in/hr)	A (ft ²)	Q _p (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



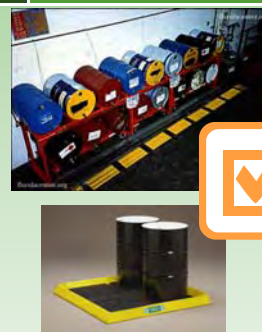
Minimum Control Measure 6 Pollution Prevention & Good Housekeeping



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."¹

¹ EPA Municipal Vehicle and Equipment Washing BMP Fact Sheet

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



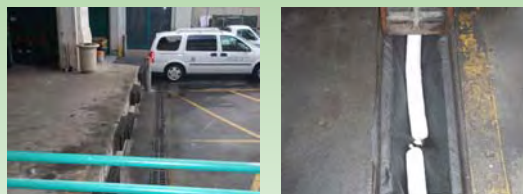
Best Management Practices – Vehicle Pans/Pads



Best Management Practices – Spill Kit



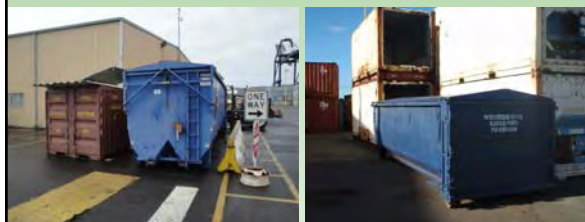
Best Management Practices – Trench Drain



Best Management Practices – Equipment Wash Area



Best Management Practices – Covered Metal Bin

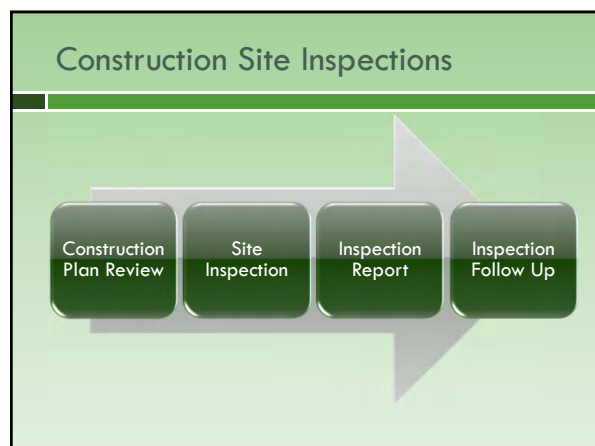
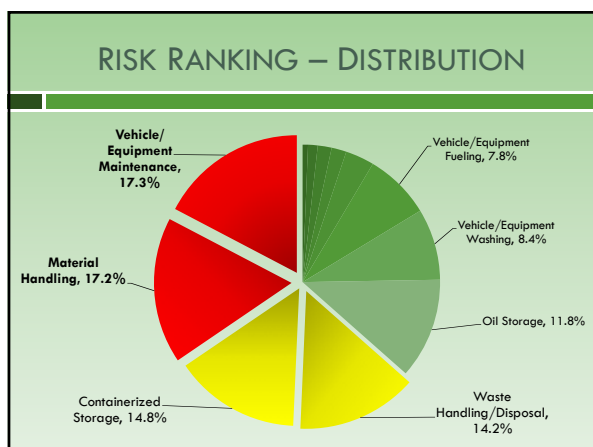
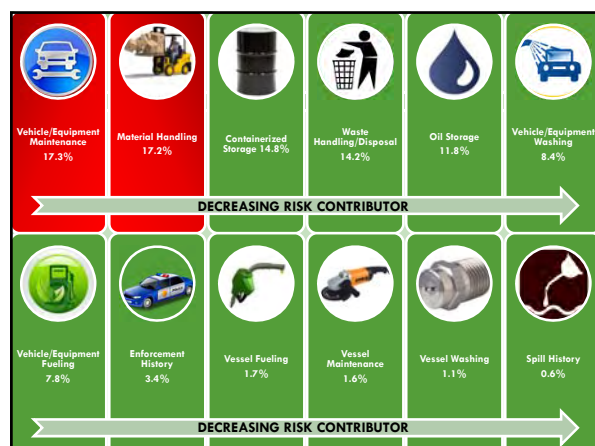
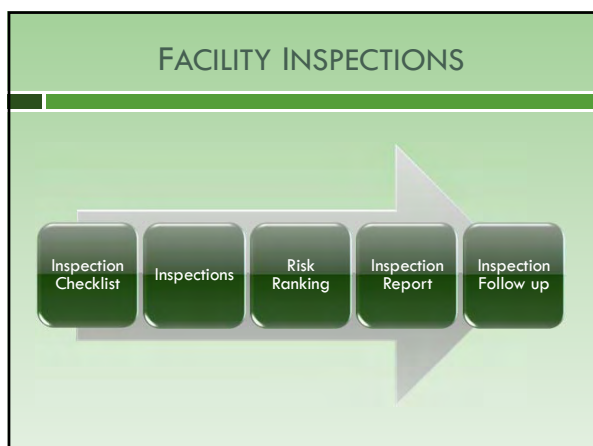


Best Management Practices – Rain Barrel



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 and 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.

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 paint which releases biocides for the first 90 days after application.



If the anti-fouling paint 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 paint while the vessel is in the water, use only soft sponges.



When cleaning hulls coated with anti-fouling paint 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, you must inspect the visible areas of the vessel for any attached or visible stationary 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 vGVP 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

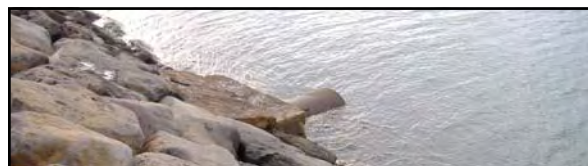
- Harbors Hotline @ (808) 587-1962

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

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 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 Cecconi		645-6136
5 DOT HARBORS KAUAI	Davis Yagi		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 BIKES NAKAMURA	RODNEY NAKAMURA		848-0855
10 MILLER INDUSTRIES	RODNEY NAKAMURA		847-8865
11 ALUMINUM SHAKE	BRIAN TOTTORI		599-9217
12 HPC FOODS, Ltd.	KURT KANICKA		523-6889
13 HFD	Guy KORT		220-5849
14 JET PRO	Kristin Linc		521-5468
15 Hawaiian Aqua Products	Kristin Linc		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

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 18, 2012 (morning session)



SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 THE 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 DON'S WAKAI	DON GALI	<i>Don Gali</i>	346-1650 DSGALI@YAHOO.CO.LI
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 Ana Ship SVC	Reaney Tamamoto	<i>Reaney Tamamoto</i>	478-8700 sales@aaship.com
7 Asphalt Hawaii	Sarah Thomas	<i>Sarah Thomas</i>	348-4895 sthomas@gracepacificcorp.
8 HEALY TIBBITTS BUILDERS	PETER LEE	<i>Peter Lee</i>	487-3664 p.lee@healytibbits.com
9 Roberts Construction	Capt. Caki Spaul	<i>Capt. Caki Spaul</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>	780-6669 Winnie.Yuen@psnri.com
12 Hawaii Pilots Assn	Blane Angwin	<i>Blane Angwin</i>	330-7763 Blane.Hayana@maui.cu
13 Global Specialty	Tom Hewrich	<i>Tom Hewrich</i>	843-8881 globalphx@aol.com
14 Honolulu Marathon	Ronald Chen	<i>Ronald Chen</i>	255-2602 jchen@honorablmarathon.org
15 Central Pacific Distributing	Josina Lehmann	<i>Josina Lehmann</i>	848-0787 CPD.HI@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

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 10, 2012 (afternoon session)



SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 DOT HAR	GARY D. MONT	<i>[Signature]</i>	7-2040
2 CCA ENV	JASON CORP	<i>[Signature]</i>	glenn20@hawaii.gov
3 AMERICAN 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 Roofing	LOUIS LAURITI	<i>[Signature]</i>	travis@ironclad.com and Gutter.com
8 SUBMERGED HARBOUR	KEM WENICKA	<i>[Signature]</i>	louis.lauriti@wharfehawaii.com
9 Attorney General	RICK PESTON	<i>[Signature]</i>	Kem.knisnick@hawaii.gov. 586-1383
10 Aloha Contractors	SIOREY GAO	<i>[Signature]</i>	808 843-8600
11 Harbors Division	RANDY GRUNE	<i>[Signature]</i>	225-3507, sidgao@msm.com
12 Royal Stay Paradise	WAVE LUBENSTEIN	<i>[Signature]</i>	587-3651 randy.grune@hawaii.gov
13 Pacific Stormwater Int'l	NICK ENGELSTON	<i>[Signature]</i>	832-6261 sales@royalstayhawaii.com
			223-4946 nengelston@pacificstormwater.com

This training conducted to meet the following requirements:

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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 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 Paupar	<i>[Signature]</i>	568-4541
5 DOT HAR-PM	ERIC LEONG	<i>[Signature]</i>	587-1943
6 DOT HAR-EE	Ying Zhang	<i>[Signature]</i>	
7			
8			
9			
10			
11			
12			
13			
14			
15			

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Stormwater Awareness Training

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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 MARESCO, LTD.	STEVE HUNTER	<i>[Signature]</i>	306-5935/shinton@marisco.net
2 RAMPART PIONEER	Machinery Rodney T. Kim	<i>[Signature]</i>	371-4842 allstar@allstar.com
3 DOT Hawaii	DUAN KIM	<i>[Signature]</i>	268-3173 chane-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 Johnston	<i>[Signature]</i>	808-778-1084
8 Norman Tractor	John Shi-Kawada	<i>[Signature]</i>	218-982-f
9 Phoenician LLC	Greg Powell	<i>[Signature]</i>	682-1961
10 BLAND WILKES	Debra Bland	<i>[Signature]</i>	690-2230
11 Henry Tibbitts Builders	BILL MCCARTHY	<i>[Signature]</i>	479-2938
12 HAWAIIAN TIBBITTS BUILDERS	DARON BARNER	<i>[Signature]</i>	479-0330
13 Matson Navigation	KEATH BARCH	<i>[Signature]</i>	848-1252 kbarch@matson.com
14 K&J Wholesale	Patrick Lam	<i>[Signature]</i>	429-2882 kjwholesale@jmail.com
15 PER WATER TREAT	RAUCH DEWITT	<i>[Signature]</i>	554-3436

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 (morning session)



SIGN-IN SHEET

COMPANY	PRINT NAME	SIGNATURE	PHONE/EMAIL
1 UNITED STATES AGENCY	Nelson Asquith		808-585-2148
2 "	Floyd Otani		"
3 "	Don Otani		"
4 FRANK PENA TEND	ERIC JANA		808-534-3300
5 RANDY GRUNE	Randy Grune		
6 HARBORS DIV	Randy Grune		
7 POP	ROLAN WILSON		randy grunchowaii.gov
8 HARBORS LINES	FRANK ROZNEK		ROLAN & POP - NANAHI.COM
9 Bella Pretiq	Chelsea Gordon		HOWARD@HARBORLINES.COM
10 FUELMAN/MARINE PET.	Naomi Edmonds		warehouse@bellapretiq.com
11 HPID. HAWAII BAYVIEW	HAWAIIAN SIGNS TO		(808) 842-3836
12 Healy Tibbitts	Gloria Tyeon		808 841 0217
13 HARP HEMSTANT	JOHN PARK		(808) 368-1581
14 ISLAND MOVES, INC	PATRICK LEE		808 277 3716 johnp@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

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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	Patrick Henry		patrick@hawktree.net
3 Travel Plaza Trans	Elaine Qiny		elaine@PT Hawaii.com
4 Travel Plaza Trans	Ben Post		Benny Q T PT Hawaii.com
5 HEALY TIBBITS BUILDING	CRAY HUTCHINSON		ch Hutchinson@healytibbits.com
6 Kano Performance	Layne Kano		lkano@hawaii-w.com
7 Performance Landscapes	Amanda 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		5439338 5904297
12 Falls of Clyde	Nathan Kapule		5439338 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: 9/9/12
Please Print
Company: Horizon Lines

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: Nathana Kapule Date: Sept 19, 2012
Please Print
Company: Hawaiian Togg Barge / Young Brothers 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.
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: 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: Port of Maui 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.
 - ☐ 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?
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- What should you do if a spill happens at your facility?
 - ☐ 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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 - ☐ Environmental Protection Agency BMP Menu.
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- 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: 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?
 - ☒ 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?
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- What should you do if a spill happens at your facility?
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 - ☒ 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: Patrice Lam Date: 9/19/12

Please Print

Company: K&I Wholesale

- 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?
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 - ☒ 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?
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 - ☒ 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: Ron Richardson Date: 9/19/12
Please Print
Company: DHX

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

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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

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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.

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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.

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Comments:

MANDATORY ANNUAL STORM WATER TRAINING 2012
DUE: 09.19.2012

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

Company: United Fishing Agency

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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?
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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 HAO 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?
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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.

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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.

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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

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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

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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 WATER SERVICE

- How do you play a valuable role in protecting our State's ecosystem?
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☐ 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 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.
☐ 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.
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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: 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.
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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.
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 - ☒ Environmental Protection Agency BMP Menu.
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- What are your impressions about this training?
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 - ☒ 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: BRYAN POST Date: 9/19/12
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 (SWPCPs) developed for your facility.
 - ☒ City and County of Honolulu BMP Manual.
 - ☒ Environmental Protection Agency BMP Menu.
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- 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: Capt. Laki Savina 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 (SWPCLPs) 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.
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☐ 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 Rockler 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.
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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.
☐ b) Put absorbent down and walk away.
☒ c) Take all necessary clean-up steps and report it to Harbors.
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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 (SWPCLPs) developed for your facility.
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☐ 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: 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.
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☐ d) By not cleaning up spills.
- What is an illicit discharge?
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☐ d) All of the above.
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☒ a) To comply with environmental laws.
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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: 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.
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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: Joshua 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.
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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: 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.
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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 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.
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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: 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.
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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: 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.
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2. What is an illicit discharge?
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☐ d) All of the above.
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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.
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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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☒ c) Take all necessary clean-up steps and report it to Harbors.
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5. Where can you find BMPs to fit activities at your facility?
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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: 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.
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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.
☐ 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.
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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.
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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: 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.
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- Which of the following are considered pollutants in the Harbors storm drain system?
☐ a) Firefighting water.
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Comments:

This annual training reminds us that we need a better environment. We need to take care 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: Ngai Chun

- 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: 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?
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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?
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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: Cherica Gordon Date: 9/19/12

Please Print

Company: Bella Plastics

- 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: Natomi Edmonds Date: 9/19/12

Please Print

Company: Marine Petroleum Corp. Fuelman Services

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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 KAMIKOHA Date: 9/19/12
Please Print
Company: HFD MOKUAHI

1. How do you play a valuable role in protecting our State's ecosystem?
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2. What is an illicit discharge?
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3. Which of the following are considered pollutants in the Harbors storm drain system?
☐ a) Firefighting water.
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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.
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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 BUSK 94

- 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: DEEK QUARANT Date: _____
Please Print
Company: BLADLOWERS

- 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: Patricia S. Acaryan Date: 09/19/12

Please Print

Company: ISLAND MANA

- 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.
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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: Bill McLachlan Date: 9/19/2012

Please Print

Company: HEAVY TRAFFIC BUILDERS, INC.

- How do you play a valuable role in protecting our State's ecosystem?
 - ☒ By preventing pollution in our storm water runoff.
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 - ☐ By dumping wastes down the storm drain.
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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: PETER LEE Date: 9/19/2012
Please Print
Company: HEALY TIBBETT'S BUILDERS, INC.

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☒ d) All of the above.
- 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.
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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.
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☐ d) Leave the area before anyone else sees you.
- Where can you find BMPs to fit activities at your facility?
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☐ 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: LEO MASEUKODO Date: 9/19/12
Please Print
Company: KAGAWA 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.
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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?
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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: Patrice Aze 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?
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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

1. 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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2. What is an illicit discharge?
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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.
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4. What should you do if a spill happens at your facility?
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5. Where can you find BMPs to fit activities at your facility?
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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: Rooney Tanamoto Date: 9-19-12
Please Print

Company: Ava-Sig Inc.

1. 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: KEALI BIRCH Date: 9-19-2012
Please Print

Company: MATSON NAVIGATION

- How do you play a valuable role in protecting our State's ecosystem?
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☒ 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: JASON TREMBLAY Date: 9/19/2012
Please Print

Company: AES HAWAII / AES KAUAELOA

- 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: STEVE HARTERS Date: 9/19/12
Please Print

Company: MARISCA, LTD.

- 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: TOR HARRIS Date: 9/19/2012
Please Print

Company: SEA Engineering

- How do you play a valuable role in protecting our State's ecosystem?
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☐ 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: Chris 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.
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 - ☒ 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?
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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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- 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.
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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: MARILYN MILLER Date: 09/19/2012
Please Print
Company: Pendleton Flour Mills, aka Hawaiian Flour Mills

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

1. 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: BARBARA MENDOZA Date: 9-19-12

Please Print

Company: WEST 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.
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☐ c) By dumping wastes down the storm drain.
☐ d) By not cleaning up spills.
- What is an illicit discharge?
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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: DARON BOWLER Date: 9/19/12

Please Print

Company: HEAVY TABBETTS BUILDERS

- 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: 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.
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4. Which of the following are considered pollutants in the Harbors storm drain system?
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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: 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.
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☐ d) By not cleaning up spills.
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Comments:

9/19/12
INSPECTION
DEC. 7/12

AFTERNOON SESSION
ATTENDANCE SIGN IN AND QUIZES

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)

afternoon



SIGN-IN SHEET

COMPANY

1 Pacific Shipyard

2 Pacific Roofing

3 DOT-HARBORS

4 DOT-HARBORS

5 DOT-HARBORS

6 DOT-HARBORS

7 PROPERT INC.

8 PM Realty Group

9 Hawaiian Coastline Co. Inc

10 HANA Trucking

11 Friends of Falls of Clute

12 Brooks Beachwalk

13 Control Tech

14

15

PRINT NAME

Jennifer Haught

Jan Males

MARCEW GABORIAN

Alan Murakami

Anne K. Stevens

Bill Davis

Todd Santos

Moderne Daley

Dustin Onaqui

Kevin Akada

Chris Wodkins

Gary Breckins

Aaron Jay

SIGNATURE

Jennifer Haught

Jan Males

Dr. Gaborn

Alan Murakami

Anne K. Stevens

Bill Davis

Todd Santos

Moderne Daley

Dustin Onaqui

Kevin Akada

Chris Wodkins

Gary Breckins

Aaron Jay

PHONE/EMAIL

808 8480211 Jhaught@pacific

841-7603 aachita@jpi.aa

587-2054

587-2070 alan.murakami@hawaii.gov

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

587-2057

971-7755 +808 808 808 808

387 5809 mdaley@pmr2.com

841-4595 dmkag@vauntel.net

808-9825

P.O. Box 23208 Honolulu 96825 (808) 733-3311

Chris@woblaw.org

216 2972 - 841-7725

345-4521 aj.cheenll@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.	RUSTY NALL	<i>[Signature]</i>	rusty.nall@amsghq.com
2 ACT	Hilli Aia	<i>[Signature]</i>	Hilli@ACT.COM
3 T. HATA	TYRONE BUCHANAN	<i>[Signature]</i>	tbuchanan@yhata.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 HNB/40	RANDALL GUN	<i>[Signature]</i>	753-7340 rgun@hnb.com
8 Royalston/Pradise Cruise	Gravid Tognoli	<i>[Signature]</i>	852-6265 gtegnoli@royalstonhawaii.com
9 V	Fanny Lo	<i>[Signature]</i>	5352-2285 fannylo@hnb.com
10 Royal Star/Paradise Cruise	Jan Hespiet	<i>[Signature]</i>	832-6265 jhespiet@royalstonhawaii.com
11 THE 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: Anne V. Stevens Date: 9/19/12
Please Print

Company: DOT Hangers

1. 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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2. What is an illicit discharge?
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☒ a) Firefighting water.
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☐ d) Leave the area before anyone else sees you.
6. Where can you find BMP's 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.
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☐ b) I wish there was a little more information.
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Comments:

we ~~are~~ be reasonable and practical
ask the EPA to ^{be} Asked to make APC/Penco
uppts together or 6 months apart (APC 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: Madeline Daley Date: 9/19/12

Please Print

Company: Pm Realty / Alhambra Investment Properties

1. 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:

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: Amman Construction Co. (UC)

- 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: KEVIN M. AKANA Date: 9-19-12

Please Print

Company: AKANA Trucking

- 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: Chris Winkler 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?
☒ 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: 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?
☒ 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. OR EXHAUST
☒ b) Anything on the ground around your facility such as trash, dirt, oil, or metals.
☒ c) Storm water. SEWAGE AND POLLUTION FROM THE LAND
☐ 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. DEPEND ON QA
☐ 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. OK 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 PERSONAL 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 Libshiden Date: 9/19/12

Company: Dept. of the Attorney General - Asset Protection

- 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 new information

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 Enseth 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: Janifer Haight 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: Alan MURAKAMI Date: 9/19/12
Please Print
Company: DOT - UAHV8045 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: HB/4B

- 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: 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?
☒ 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
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☒ 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.
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☒ 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: 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?
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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:

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.
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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: 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?
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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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3. 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.
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.
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5. Where can you find BMPs to fit activities at your facility?
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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: 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?
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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: Hilei Aia Date: 9-19-12
Please Print

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.
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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 Crescenzi Date: 9/19/12
Please Print

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.
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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: 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.
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Comments: THE WORK SITE CARDS W/ REPORTING
PLEASE REMEMBER (HARDED 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: Stoney Bio Date: 9/19/12
Please Print
Company: Alpha Agricultural Consultants in Niihau

- How do you play a valuable role in protecting our State's ecosystem?
 - ☒ 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: Gregory Tequila Date: 9-19-12
Please Print

Company: Regalstar / Paradise Cruise

- 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: Fung Lo Date: 9/19/12
Please Print

Company: Royal Star

- 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 Jay Date: 9-19-12
Please Print

Company: Control Tech

- 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 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?
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Comments: Please EML 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 Cove

1. 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: Mark Rubenstein Date: 9/19/12
Please Print
Company: _____

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Comments:

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

APPENDIX G

SHOT FORM

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Stormwater Hotline Occurrence Tracking (SHOT) Form

LINE ITEM	FORM FIELD		
Caller Information			
Caller Name			
Caller Company			
Telephone Number			
Email Address			
Date/Time Received			
Occurrence Information			
<input type="checkbox"/> Information Request	<input type="checkbox"/> Discharge Reporting	<input type="checkbox"/> Complaint	<input type="checkbox"/> Commendation
<input type="checkbox"/> Information Request			
Information Requested			
Actions Taken			
Additional Information			
<input type="checkbox"/> Discharge Reporting			
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"/> Complaint	
Nature of Complaint	
Complaint Details	
Notifications Made/Actions Taken by Harbors Division	
<input type="checkbox"/> Commendation	
Commendation Details	
Notifications Made/Actions Taken by Harbors Division	
Points of Contact for Immediate Response	
In the event of an emergency needing immediate response, call the numbers listed below:	
Point of Contact	Telephone Number
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

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
7/16/2012	1006	HDOT HAR-EE	Piers 22 and 23	Trash	Unknown	Ocean	To be found	Illegal dumping			
7/17/2012	1015	HDOT HAR-EE	Pier 51B	Molasses	Unknown	Ocean	Matson	Molasses pipeline was leaking	HAR-EE notified Mr. Kalama of the incident	Mr. Kalama took a quick response by checking and repairing the pipeline.	
7/17/2012	1015	HDOT HAR-EE	Pier 51B	Paint	Unknown	Ocean	Matson	Two painters were observed painting the vessel hull standing on a lift based on a floating barge. No secondary containment was provided. A considerable amount of paint was seen dripping into harbor waters.	HAR-EE instructed painters to stop painting immediately until a new method could be devised to prevent the paint from dripping.	Mr. Monte Kalama, who identified himself as the Matson painting supervisor, advised HAR-EE that the painting crew changed their method to prevent paint from dripping into the water.	
7/3/2012	1330	HDOT Security Office	Pier 10	Phosphoric Acid	1 Quart	Ocean	New Zealand Navy - warship HMNZS Te Kaha	Exterior hull cleaning, afterwards the chemical was rinsed off into the harbor	None	Further notified HTC, HDOD CWB, Coast Guard, and HAR-EE	
7/5/2012	2130	HDOT Tower Security	N/A	Diesel Fuel	Few gallons	Ocean	Unknown	Could not find the source	None	Notified USCG, DOH, HAR-EE, NRC	
5/10/2012	0900	HDOT Marine Safety	Pier 39	Refrigerated Oxygen		Concrete	AirGas GasPro	A Bulk ISO Oxygen tank arrived from Nawiliwili on May 9th and was found leaking liquid oxygen. Safety Manager notified AirGas Gaspro which prompted a response for a cryogenic technician to secure the leak. Leak was secured at approximately 10 am on May 10, 2012.	N/A	Notified YB, shipper,	
1/27/2012		HDOT Grounds Maintenance	Pier 18	Chemical Spill	Unknown	Asphalt	Chemi-Toi vendor	A chemical used for cleaning portable toilets leaked into the harbor. The chemical came from a nearby dumpster where toilet cleaning chemicals had been discarded by the portable toilet vendor. The suspected substance is Exodor Porta-Pak, a dry chemical that instantly dissolves in water.		Notified HAR-EE. HAR-EE issued a memorandum dated 2/10/12 detailing the incident and suggesting solutions, among them to notify the portable toilet vendor that they may not dispose of chemical containers in Harbors dumpsters.	
6/25/2012		HDOT HAR-EE	Pier 38	Petroleum Hydrocarbon Sheen	Unknown	Ocean	Unknown	Unknown	None	None	
6/29/2012	1630	PSI	Pier 14 Drydock	Hydraulic Oil	5 gallons	Ocean	PSI	Spill	PSI boomed spill	USCG was notified by PSI	Spill did not impact Harbors Small MS4
7/16/2012	0445	HDOT Harbor Traffic Control Office	Pier 16	Diesel Fuel	200' X 300'	Ocean	Vak fisheries - "VAK5" or "CAPT-MILLION-I"; Crew of "VAK5" denied that they were responsible for the spill.	Malfunctioning bilge pump mechanism	Vessel owner contacted PENCO and placed a boom around the vessel.	Obtained all reports from Harbor Tower, Coast Guard, NRC, Harbor Police, and PENCO. Pictures Taken.	
7/19/2012	0951	HDOT HAR-EE	Pier 26	Paint Chips and paint dust (type of paint unknown)	Approximate 200 SF.	Ocean	Maintenance crew on tug "Nene"	Hull paint removal without dust barriers in place.	None, paint chips and dust migrated to water surface	HAR-EE employee advised work crew to stop work until dust barriers are in place. Provide brief reminder of environmental responsibilities.	Another site visit was made the following day to verify that preventive measures were taken to prevent dust migration with dust barriers.
8/1/2012	0840	HDOT HAR-EE	Pier 36/37/38	Lead Split Shot and sediment	9 pieces	Ocean	Unknown	Abandoned material	They were manually removed from around Outfall P36-01	HAR-EE	HAR-EE communicated with manager of POP Fishing and Marine, and asked them to caution their customers about improper disposal of lead and in compliance with Clean Water Act.
8/2/2012	0700	HDOT Harbor Police	Between Piers 17 and 18	Blue Paint Chips and Dust	Unknown (Floating on water full length of vessel)	Ocean	Crew of vessel "Apsara"	Hull maintenance	Crew was instructed by HAR-EE to vacuum along the pier. Paint chips in water were dispersed.	USCG, DOH, HTC, Cargo Coordinator, Standby Supervisor, HAR Police, HAR-OE, and HAR-EE were notified	HAR-OC to inspect Pier 17 for paint chips. HAR-EE to prepare report documentation.
8/7/2012	0800	HDOT HAR-EE	Pier 17	Concrete rubber; welding slag; detergent; dirt and other sweeping; scrap lumber; scrap metal; used oil; trash	Unknown	Ocean	Various vessels on Piers 16, 17, and 18, and possibly outsiders.	Illegal dumping; improper and careless work habits.	Crew members of several vessels were directed by HAR-EE and HAR-OCG to clean up the effected areas.	Aloha Tower and Harbor Police were contacted. Harbor Police responded to the incident scene.	
8/23/2012	1029	B3 Officer	Pier 28	Workers at Pier 28 dropping rust into the harbor.	Unknown	Ocean	Workers at Pier 28	Unknown	Unknown	HAR-EE	

Date	Time	Caller	Location	Substance	Amount	Media	Responsible Party	Cause	Clean-up Actions	Further Notifications	Follow Up
8/23/2012	0830	HDOT HAR-EE	Pier 1	Wash water	Unknown	Other	The Hawaii Stevedores, Inc.	One of their workers was washing down three refrigerated containers at the parking lot. The wash water was noted to have ponded along with debris of various sizes on the asphalt pavement. There are storm drains nearby but wash water did not reach them.	Wash water on groun will eventually evaporate. The worker was instructed to apply dry cleaning methods and sweep up the debris afterwards.	HAR-EE was notified on the same day and responded to the scene.	After notification, HAR-EE arrived at the scene companied by Raymond and talked to the worker's supervisor. HAR-EE instructed them to clean the containers using dry cleaning methods (sweeping and vaccuming), and wipe down the interior of the containers if necessary. HAR-EE contacted Hawaii Stevedores' Environmental Office (Ken Chung) for further corrective action.
8/23/2012	0942	Unknown	Pier 36	Naval Jelly (Phosphoric acid).	Unknown	Ocean	Crew of fishing vessel "Lady Christine I".	Hull maintenance (removing rust with chemicals) without any kind of containment device.	Crew member was told to stop cleaning with the rust remover. Crew member complied.	Aloha Tower, Harbor Police, and HAR-EE were notified	HAR-EE conducted follow-up site visit at the vessel location.
8/27/2012	0845	HDOT HAR-EE	Pier 35	Petroleum sheen on water between the pier and the fishing vessel "Lady Christine I". Approx. 20 SF. Also particulate floatables in the same area.	Unknown	Ocean	Unknown	Unknown	Unknown	HAR-EE was onsite during the incident.	Follow-up visit to the Lady Christine I following an incident that occurred on 23 Aug 12. Met with crew members to emphasize that chemicals are not to be used when performing hull maintenance.
8/29/2012	1005	DOH Clean Water Branch	Pier 17	Paint chips, paint dust, welding slag dust, petroleum or detergent based sheen, and possibly Naval Jelly (Phosphoric Acid).	Unknown	Ocean	Crew of fishing vessel "St. Damien" (formerly known as "Even Star II").	Vessel maintenance and repair without any kind of containment device.	Harbor police and HAR-EE directed the crew to sweep and vacuum the pier alongside the vessel and remove all building materials from the pier.	HAR-EE contacted Harbor Tower and Harbor police. HDOH contacted HAR-EE via email. Vessel crew was directed by HAR-EE to install some kind of containment device when conducting vessel maintenance, keep all building materials on the vessel, and not to use any kind of detergent on the pier.	Harbor police and HAR-EE to conduct periodic site visits to this area.
9/13/2012	0955	HDOT HAR-EE	Pier 37	Unknown liquid (possibly wash water with detergent).	Unknown	Ocean	Crew member of vessel "Vicious Cycle" was observed by HAR-EE.	Improper management and discharge of liquid pollutants.	None	HAR-EE spoke with owner of vessel and cautioned against the improper discharge of pollutants into Honolulu Harbor. Vessel owner became belligerent and seemingly hostile about "Government" intrusion into his business. Vessel owner threatened to "contact his lawyer if he receives a citation".	Recommend that HAR-OC conduct follow-up site visit to ensure that vessel owner complies with environmental requirements.
9/13/2012	1007	HDOT HAR-EE	Pier 38	Unknown liquid (possibly wash water).	Unknown	Ocean	Fishing vessel "Serenity".	Improper management and discharge of shipboard wash water.	None.	Harbor police responded and cautioned vessel's skipper about improper discharge of liquid pollutants. HAR-EE conducted a follow-up visit to meet with vessel shipper. The current Harbors policy on illicit discharges was explained to the skipper. HAR-EE offered to provide assistance in the future.	
9/14/2012	1400	HDOT HAR-EE	Pier 17	Red oil-based paint.	< 1 gallon	Ocean	Crew member of vessel "Captain J3".	Improper work habit, painting over unprotected water without any kind of containment device.	Paint drips and spills on pier surface were cleaned. No action was taken on the water to remove the paint film.	Crew member was told by HAR-EE to stop painting until a containment device was in place. He was also instructed to clean the paint mess on the pier.	
11/20/2012	1545	DOH Clean Water Branch	Pier 5	Milky substance in water (probably processed water from construction activity)	Unknown	Ocean	Goodfellow Bros., Inc (General Contractor) and Pacific Commercial Services.	Intentional discharge of pump truck into storm drain inlet that leads directly to ocean	None. Muddy water eventually dispersed into surrounding water.	Marine Traffic Control Tower, Harbor Police, USCG, DOH CWB, HAR-EE, HWY-EE. Each contact made a report	Need to verify locations and flow pattern of the storm drains in the affected area to determine jurisdiction.

APPENDIX I

REVISED INSPECTION CHECKLIST

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State of Hawaii Department of Transportation Harbors Division
Compliance, BMP, and P2 Inspection Checklist for Tenant

Harbors: _____
Inspector(s): _____

Date/Time: _____
Weather Conditions: _____

Tenant Business Name: _____	
Tenant Permit(s): _____	
Facility Location: _____	
Facility Mailing Address: _____	
Tenant Representative: _____	
Phone Number: _____	Mobile Number: _____
Fax Number: _____	E-mail Address: _____
EPA ID No. (if any): _____	IWDP No. (if any): _____

Facility Description:
Site Drainage Description (including stenciling):
Any illicit discharge into Harbors storm water system? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If "Yes", please describe here:

Operations:	
<input type="checkbox"/> Vessel Maintenance	<input type="checkbox"/> Vessel Washing
<input type="checkbox"/> Vessel Fueling	<input type="checkbox"/> Vehicle/Equipment Fueling
<input type="checkbox"/> Vehicle/Equipment Maintenance	<input type="checkbox"/> Vehicle/Equipment Washing
<input type="checkbox"/> Petroleum Product Storage	<input type="checkbox"/> Material Storage
<input type="checkbox"/> Hazardous Material Storage	<input type="checkbox"/> Material Handling
<input type="checkbox"/> Waste Handling	<input type="checkbox"/> Building Maintenance

NPDES Compliance <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	If "Yes", please complete this section												
NPDES Permit Number: _____	Expiration Date: _____												
DMR Compliance: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Last round of sampling: _____												
SPCC Compliance: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A													
<ul style="list-style-type: none">• The facility maintains records of monitoring data for a minimum of five years?• The facility has a SWMP and/or SWPCP?• The facility has filed a Discharge/Connection Permit with Harbors?• Discharge points do not exhibit unusual characteristics (e.g., sheen, color)	<table><tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td><td><input type="checkbox"/> N/A</td></tr><tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td><td><input type="checkbox"/> N/A</td></tr><tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td><td><input type="checkbox"/> N/A</td></tr><tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td><td><input type="checkbox"/> N/A</td></tr></table>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A											
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A											
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A											
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A											

Material Inventory:

No.	Inspection Item	Yes	No	N/A	Remarks
	Storage				
1	SPCC Compliance: Facility with an aggregate shell capacity of 1,320 gallons or more of petroleum products.				
2	AST Containment: ASTs are situated over an impervious surface, have adequate secondary containment and integrity protection, and containment drain valves are kept locked.				
3	AST Overflow Protection: Bulk product ASTs are equipped with overflow protection alarms or automatic shutdown pumps.				
4	AST Malfunction: Visible piping, tanks, and hoses do not exhibit signs of leakage, wear, or malfunction.				
5	Oily Equipment: Oily or leaking equipment is stored under cover or with drip pans. Drip pans are emptied and replaced as needed.				
6	Storm Water Management: Storm water accumulation in secondary containment is minimized, managed, disposed of correctly, and logged.				
7	Salvaged Equipment/Vehicle: Fluids and batteries are removed from salvaged equipment/vehicle before storage.				
8	Outdoor Material Storage: Outdoor storage areas have coverings that prevent contact of these items with storm water. Materials are kept above the ground higher than the level of runoff.				
9	Labeling: Containers are properly labeled.				
10	Compatibility: Containers are stored in an organized manner, compatible with other stored materials, labeled correctly, and not stored past allowable holding times.				
11	EPCRA: The facility is required to report chemical inventory (Tier II) and/or Toxic Release Inventory (TRI) report.				
	Fueling				
12	Fueling BMPs: Fueling area engineering controls and BMPs are effective in preventing storm water run on/off.				
13	Fueling Inspections: Equipment in fueling areas do not exhibit signs of leakage, wear, or malfunction. An inspection log is available for inspection.				
	Washing				
14	Vessel/Vehicle/Equipment Washing: Vehicle or equipment washing is conducted with approval from HDOT Harbors.				
15	Hand Washing: Hand or dish washing is conducted over a sink that is plumbed to sanitary sewer or is disposed of appropriately.				
	Vessel/Vehicle/Equipment Maintenance				
16	Vehicle/Equipment Maintenance Area: Maintenance is conducted in a designated area, preferably covered.				
17	Preventative Maintenance: Preventative maintenance is performed on vehicles and equipment to prevent leaks. Records are kept.				
18	Maintenance Logs: Vehicle and equipment lots are monitored periodically for leaks and/or drip pans are used.				
19	Parts Washer: Parts washer fluid is disposed of appropriately with an disposal contractor.				
	Material Handling				
20	Material Handling Area: Loading areas are free of unattended stains or pavement degradation that would indicate poor material handling practices.				
	Spill Response				
21	Spills and Stains are cleaned thoroughly.				
22	Spills Kits are kept in all high risk areas and are refilled regularly.				
23	Spill Recording: Records have been kept of spills and releases in the SWPCP or SPCC Spill and Discharge Log.				

No.	Inspection Item	Yes	No	N/A	Remarks
24	Harbors Environmental Hotline: Emergency storm water contact numbers have been posted on site.				
	Building Maintenance & Housekeeping				
25	Sweeping: Trash, debris, and dirt are swept up regularly.				
26	Deck/Floor Washing: Dry sweeping or mopping is conducted instead of spraying/hosing down.				
27	Sumps and OWS Maintenance: Structural controls such as containment sumps or OWSs are emptied and serviced regularly.				
28	Cleanliness: All work areas and storage areas are neat and clean.				
	Waste Handling				
30	Trash Bins: Trash bins are kept closed when not in use and are not overflowing.				
31	Used Batteries: Spent lead acid batteries are protected from contact with stormwater runoff and placed in secondary containment while awaiting disposal. Batteries are disposed of in a timely manner.				
32	EPA Generators: Wastes are disposed properly, records are kept and hazardous waste generator status is known. Facility has an Environmental Protection Agency (EPA) hazardous waste generator identification number and follows appropriate regulations/requirements (CESQG, SQG, LWG).				
33	Hazardous Waste Containment: Hazardous waste and used oil storage areas have impermeable surfaces, adequate secondary containment, and integrity protection.				
34	Chemical Toilets are cleaned by contractors in a manner that does not allow chemicals (i.e. blue liquid) from entering the Harbor.				
	Training				
35	HDOT Harbors Annual Training: A representative has attended the most recent HDOT Harbors Storm Water Awareness Training.				If "No", the latest training attended:
36	Material Handling Training: Records of training are available for employees involved in material handling (e.g. forklift operators).				Most recent training date:
37	Container Storage Training: Records of training are available for employees involved in inspection of ASTs or chemical storage areas.				Most recent training date:
38	Fueling Training: Records of training are available for employees involved in large scale vehicle and equipment fueling.				Most recent training date:
39	Hazardous Waste Training: Records of training are available for employees involved hazardous/universal waste handling/disposal activities.				Most recent training date:
	General Observed BMPs				
40	Good Housekeeping				
41	Good Recordkeeping				
42	All personnel are well-trained				

Tenant Risk Ranking Criteria		Score
1	Vessel Maintenance and Repair	
	0 No maintenance activities are conducted.	
	1 Maintenance activities on any size vessel are conducted entirely indoors (with proper dust control BMPs), with no or minimal potential for discharge of pollutants.	
	2 Minor maintenance (30 day or less duration) for small vessels is conducted in their berth (with proper dust control BMPs) with minimal potential for discharge of pollutants.	
	3 Maintenance activities on large vessels are conducted outdoors and out of the water (with proper dust control BMPs), with minimal potential for discharge of pollutants.	
	4 Major maintenance activities on any size vessel are conducted in a partially confined or unconfined area with moderate potential for discharge of pollutants.	
2	5 Maintenance activities on any size vessel are conducted in an unconfined area or in an area with significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
	Vessel Fueling	
	0 No fuel transfer activities are conducted.	
	1 Fueling of small vessel is conducted by a fueling company with proper spill containment and diversion.	
	2 Fueling of small vessel is conducted with spill containment and diversion.	
	3 Fueling of large vessel is conducted in designated area with spill containment and diversion.	
3	4 Fueling of small vessel is conducted in areas WITHOUT spill containment and diversion.	
	5 Fueling of large vessels is conducted in areas WITHOUT spill containment or diversion. (Automatic trigger to high risk designation)	
	Vessel Washing	
	0 No vessel washing is conducted.	
	1 Vessel washing is permitted and conducted in an area designed to contain wash water and debris, with no or minimal potential discharge of pollutants.	
	2 Vessel washing is permitted and conducted in an uncontained area with no direct connection to Harbors storm water drainage system, or having a minimal potential for discharge of pollutants.	
4	3 Vessel washing is permitted and conducted in an uncontained area with no direct connection to Harbors storm water drainage system, but having a moderate potential for discharge of pollutants.	
	4 Vessel washing is conducted in an uncontained area directly connected to Harbors storm drainage system, and has a moderate to significant potential for discharge of pollutants.	
	5 Vessel washing is conducted WITHOUT prior consent from Harbors, or not in compliance with EPA VGP or sVGP. (Automatic trigger to high risk designation)	
	Vehicle and/or Equipment Maintenance and Repair	
	0 No equipment and/or vehicle maintenance activities are conducted.	
	1 Maintenance activities are conducted entirely indoors, on a small scale, with minimal potential for discharge of pollutants.	
5	2 Maintenance activities are conducted entirely indoors, on a large scale, with minimal potential for discharge of pollutants.	
	3 Maintenance activities are conducted in a covered area with minimal to moderate potential for discharge of pollutants.	
	4 Maintenance activities are conducted outdoors within containment or in an area with minimal to moderate potential for discharge of pollutants.	
	5 Maintenance activities are conducted outdoors or in an area with significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
	Vehicle and/or Equipment Fueling	
	0 No equipment and/or vehicle fueling activities are conducted.	
	1 Equipment and/or vehicle fueling is conducted by a fueling company with spill containment and diversion.	
	2 Equipment and/or vehicle fueling is conducted on a small scale in areas with spill containment and diversion.	
	3 Equipment and/or vehicle fueling is conducted on a large scale in areas with spill containment and diversion.	
	4 Equipment and/or vehicle fueling is conducted on a small scale WITHOUT spill containment and diversion, but not in areas adjacent to Harbors storm drainage system and nation's water.	

Tenant Risk Ranking Criteria			Score
	5	Equipment and/or vehicle fueling is conducted on large scale WITHOUT spill containment and diversion, or on any scale adjacent to Harbors storm drainage system WITHOUT spill containment and diversion. (Automatic trigger to high risk designation)	
6 Vehicle and/or Equipment Washing			
	0	No equipment and/or vehicle washing is conducted.	
	1	Equipment and/or vehicle washing is conducted in an approved and covered wash area following an approved method, with no or minimal potential discharge of pollutants.	
	2	Equipment and/or vehicle washing is conducted in an approved and uncovered wash area following an approved method with minimal potential discharge of pollutants.	
	3	Equipment and/or vehicle washing is conducted in an approved and uncovered wash area following an approved method with moderate to significant potential discharge of pollutants (e.g., adjacent to Harbors storm drainage system or nation's water).	
	4	Equipment and/or vehicle washing is conducted WITHOUT Harbors' approval and in an area with no direct connection to Harbors' storm drainage system and nation's water, and has a moderate to significant potential for discharge of pollutants.	
	5	Equipment and/or vehicle washing is conducted WITHOUT Harbors' approval and in an area that directly discharges to Harbors storm drainage system and nation's waters. (Automatic trigger to high risk designation)	
7 Aboveground Oil Storage (size of container ≥ 55-gallon ONLY)			
	0	No oil product is stored.	
	1	Less than 1,320 gallons of oil is properly stored in a covered area and has no or minimal potential for discharge of pollutants.	
	2	Less than 1,320 gallons of oil is properly stored in an uncovered area and has no or minimal potential for discharge of pollutants.	
	3	More than 1,320 gallons of oil is properly stored with no or minimal potential for discharge of pollutants, and the facility has an SPCC Plan.	
	4	More than 1,320 gallons of oil is properly stored with no or minimal potential for discharge of pollutants, but the facility does not have a SPCC Plan.	
	5	Oil is improperly stored and/or managed and has a significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
8 Container Storage			
	0	No materials are stored.	
	1	All materials are properly managed and stored completely indoors and have no or minimal potential for discharge of pollutants.	
	2	All materials are properly managed and stored under cover, and have minimal potential for discharge of pollutants.	
	3	Low toxicity materials are stored with moderate potential for discharge of pollutants.	
	4	Low toxicity materials are improperly managed and/or stored outdoors with significant potential for discharge of pollutants.	
	5	High toxicity materials are improperly managed and/or stored outdoors with moderate to significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
9 Material Storage and Handling			
	0	No materials/cargo are loaded/unloaded and stored.	
	1	All materials are handled and stored entirely indoors with no or minimal potential for discharge of pollutants.	
	2	Materials are handled and stored indoors and outdoors with minimal potential for discharge of pollutants with relevant BMPs in good and effective condition.	
	3	Materials are handled and stored outdoors with moderate potential for discharge of pollutants with relevant BMPs in fair condition.	
	4	Material handling and storage is conducted with significant potential for discharge of pollutants with relevant BMPs in poor condition.	
	5	Material handling and storage is conducted with significant potential for discharge of pollutants and no relevant BMPs in place. (Automatic trigger to high risk designation)	
10 Waste Handling and Disposal (excluding Used Oil)			
	0	No waste is stored.	
	1	All wastes are non-hazardous and stored indoors or outdoors in covered areas, and have no or minimal potential for discharge of pollutants.	

Tenant Risk Ranking Criteria			Score
	2	All wastes are non-hazardous and stored outdoors uncovered, and have moderate potential for discharge of pollutants.	
	3	Hazardous wastes are generated and tenant is classified as a CESQG. Hazardous wastes are properly managed, stored, and disposed of. Storage areas have no or minimal potential for discharge of pollutants.	
	4	Hazardous wastes are generated and the tenant is classified as a SQG or LQG. Hazardous wastes are properly managed, stored and/or disposed of. Storage areas have no or minimal potential for discharge of pollutants.	
	5	Hazardous wastes are generated and the tenant is classified as a CESQG, SQG or LQG. Hazardous wastes are improperly managed, stored, and/or disposed of. Storage areas have significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
11 Spill History			
	0	No history of oil/chemical spills.	
	1	One to three oil/chemical spills in minimal quantity (e.g., less than five gallons for oil) in the past three years.	
	2	One to three oil/chemical spills in moderate quantity (e.g., oil spill greater than 5 gallons but less than 25 gallons; for all other chemicals please refer to 40 CFR 302.4) in the past three years.	
	3	One to three oil/chemical spills greater than the reportable quantity (see 40 CFR 302.4) in the past three years.	
	4	More than three oil/chemical spills greater than reportable quantity in the past three years.	
	5	More than two oil/chemical spills entered into Harbors storm drainage system. Or more than five oil/chemical spills of any quantity in one calendar year. (Automatic trigger to high risk designation)	
12 Enforcement History			
	0	No verbal or written warnings were issued in the past three years.	
	1	Class II violations (such as verbal/written warnings and potential violations identified in an inspection report) were issued in the past three years and corrective actions were immediately taken by the tenant.	
	2	Class I violations (identified in an inspection report and documented in an NAV) were issued in the past three years and corrective actions were taken by the tenant.	
	3	Class II violations were issued in the past three years, but corrective actions were NOT immediately taken by the tenant.	
	4	Class I violations were issued in the past three years, but corrective actions were NOT immediately taken by the tenant.	
	5	Civil penalties were assessed for non-compliance in the past three years. (Automatic trigger to high risk designation)	
13 Training Attendance History			
	-2	The tenant has attended all annual trainings during its tenancy.	
	-1	The tenant has attended the most recent training.	
	1	The tenant has not attended the most recent training.	
	2	The tenant has never attended the training.	
14 Storm Drainage System Protection			
	0	There are no storm drain inlets on or down-gradient of the premises.	
	1	All storm drain inlets (on or near the premise) are stenciled and BMPs are in place and in good condition.	
	2	BMPs are in place and in fair condition.	
	4	BMPs are in place, but in poor condition and needed to be replaced.	
	5	The storm drain inlets do not have BMPs and are directly exposed to potential pollutants.	
15 Lease Agreement and/or Revocable Permit Requirements			
	0	Tenant appears to be in compliance with environmental requirements in their tenant lease or revocable permit.	
	5	Tenant is not in compliance with their revocable permit or lease.	

Total Risk Ranking Score: 0
Tenant Risk Ranking Category:

APPENDIX J
REVISED INSPECTION AND ENFORCEMENT
MANUAL

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Draft

Tenant Inspection and Enforcement Manual



State of Hawaii
Department of Transportation
Harbors Division
79 South Nimitz Highway
Honolulu Hawaii 96813-5898

November 2012

Version 2.0

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1	HDOT Harbors Division Environmental Group Organizational Chart
2	HDOT Harbors Rules and Regulations and Examples of Tenant Lease Agreement and Revocable Permit
3	Best Management Practices
4	Compliance, BMP, and P2 Inspection Checklist for Tenants
5	Suspected Illicit Discharge Reporting Form
6	Environmental Investigation Report

List of Acronyms

AFFF	Aqueous Film Forming Foam
AST	Aboveground Storage Tank
BMP	Best Management Practice
CCH	City and County of Honolulu
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CWA	Clean Water Act
CWB	Clean Water Branch
DLNR	Department of Land and Natural Resource
ECO	Environmental Compliance Officer
EHS	Extremely Hazardous Substance
EMS	Environmental Management System
EPCRA	Emergency Planning and Community Right-to-Know Act
°F	Degree of Fahrenheit
FWPCA	Federal Water Pollution Control Act
HAR	Hawaii Administrative Rules
HAZCOM	Hazardous Communication
HCDA	Hawaii Community Development Authority
HDOH	State of Hawaii, Department of Health
HDOT	State of Hawaii, Department of Transportation
HEPCRA	Hawaii Emergency Planning and Community Right-to-Know Act
HERL	Hawaii Environmental Response Law
HRS	Hawaii Revised Statutes
HSERC	Hawaii Emergency Response Commission
LEPC	Local Emergency Planning Committees
LQG	Large Quantity Generator
MEP	Maximum Extent Practicable
MS4	Municipal Separate Storm Sewer System
MSDS	Material Safety Data Sheet
NAICS	North American Industrial Classification System
NAV	Notice of Apparent Violation
NCP	National Contingency Plan
NFV	Notice of Finding and Violation
NGPC	Notice of General Permit Coverage
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NRC	National Response Center
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
OWS	Oil/Water Separator

P2	Pollution Prevention
PCB	Polycyclic Chlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
SCP	State Contingency Plan
SHWB	Solid and Hazardous Waste Branch
SIC	Standard Industrial Code
SPCC	Spill Prevention, Control, and Countermeasure
SQG	Small Quantity Generator
sVGP	Small Vessel General Permit
SWDA	Solid Waste Disposal Act
SWMP	Storm Water Management Plan
SWPC	Storm Water Pollution Control
TPQ	Threshold Planning Quantity
TSCA	Toxic Substance Control Act
USC	United States Code
USCG	United States Coast Guard
UST	Underground Storage Tank
VGP	Vessel General Permit

1.0 BACKGROUND AND PURPOSE

Since the establishment of storm water regulations by federal and state agencies, the State of Hawaii Department of Transportation [HDOT], Harbors Division (hereinafter referred to as the “Harbors”), has been actively involved in the development and implementation of programs to control and prevent storm water pollution. This manual is created in order to comply with Notice of General Permit Coverage [NGPC] for Honolulu and Kalaheo Barbers Point Harbors.

This manual is provided to Harbors personnel tasked with the responsibility of environmental compliance, in the content and procedures of an environmental inspection and enforcement program. Harbors has also implemented an annual risk ranking of all Harbors tenants and will allow for an improved allocation of environmental oversight to those areas of harbor operations where environmental impacts are highest, as well as to provide an objective assessment of tenant activities at their facilities. The enforcement procedures contained within this manual are designed with environmental compliance as the primary goal, and represent a partnership between the HDOT Harbors and State of Hawaii Department of Health [HDOH] as both agencies strive to conduct business in the best interest of the State of Hawaii.

1.1 Major Environmental Regulations

Harbors has identified a major list of environmental regulations applicable to their activities and operations. The list includes storm water management under the Clean Water Act [CWA]; petroleum products storage under the Spill Prevention, Control, and Countermeasure [SPCC] rule; proper waste management including hazardous waste, used oil, and universal waste; storage tank management; and hazardous substance/chemical storage under the Emergency Planning and Community Right-to-Know Act [EPCRA]. These regulations are reflected and implemented through using Harbors revised Compliance, BMP, and P2 Inspection Checklist for Tenants (Attachment 4) during inspections.

1.1.1 Clean Water Act and National Pollutant Discharge Elimination System

The CWA (contained in 33 United States Code [USC] §§ 1251 to 1387) is the primary federal statute that addresses water pollution in the United States. It establishes the basic structure for regulating discharges of pollutants into waters of the United States and establishing quality standards for surface waters. It also establishes a number of programs designed to restore and protect the quality of nation’s waters by eliminating the discharge of pollutants into surface waters. The CWA traces its roots to the Federal Water Pollution Control Act [FWPCA], which was originally enacted in 1948.

In 1972, congressional amendments to the FWPCA established the National Pollutant Discharge Elimination System [NPDES]. As authorized by the CWA, the NPDES program was established to control discharges of pollutants to navigable waters from point sources (e.g., industrial plants and municipal wastewater treatment facilities). Those discharges were

authorized by permits issued under the program. The permits usually set numerical limitations on the authorized discharges (i.e., the composition and the concentration of pollutants in the effluent) and impose other conditions on the permittee. They give the permittee the right to discharge specified pollutants from specified outfalls for a limited period of time.

In 1987, the FWPCA was amended to include storm water discharges as a significant source of water pollution. The NPDES program was also expanded to include non-point sources (e.g., storm water runoff from construction sites, croplands, and urban areas). Storm water runoff is commonly transported through Municipal Separate Storm Sewer Systems [MS4s], and is often discharged directly into local water bodies without any treatment. To prevent harmful pollutants from being washed or dumped into an MS4, operators must submit a Notice of Intent [NOI] to seek coverage under NPDES program, and develop a storm water management program to reduce the contamination of storm water runoff and prohibit illicit discharges.

In 1990, the Environmental Protection Agency [EPA] promulgated regulations (contained in 40 Code of Federal Regulations [CFR] Parts 122, 123, and 124) to establish permit programs for storm water discharges. It required medium and large cities or certain counties with populations of 100,000 or more, and construction activities disturbing five acres or more of land to obtain NPDES permit coverage for their storm water discharges. These regulations are referred to as the "Phase I Program." In 1999, the EPA published the Storm Water Phase II Final Rule and expended the Phase I Program by extending NPDES coverage to small MS4s in and/or outside the urbanized areas, and to construction activities that disturb between one and five acres of land to obtain NPDES permit coverage for their storm water discharges (EPA, 2000).

Generally, coverage under NPDES program is required for any discharge of a pollutant from a point source to nation's waters. Individual homes that are connected to a municipal system, use a septic system, or do not discharge to any surface water do not need to apply for an NPDES permit. However, industrial, municipal, and other facilities must obtain permits if their discharges go directly to surface waters. In addition, most storm water discharges are considered point sources and require coverage under NPDES program. In most cases, the NPDES program is administered by authorized states.

For the State of Hawaii, the EPA has delegated authority to HDOH Clean Water Branch [CWB], to administer the NPDES program including permit coverage issuance (to municipalities, industries, and construction projects), enforcement, program related regulatory & policy development, and other pertinent program elements. Meanwhile, the EPA continues to maintain overall enforcement authority. State water quality regulations have been codified in the Hawaii Administrative Rules [HAR] Title 11 Chapter 54 (Water Quality Standards) and HAR Title 11 Chapter 55 (Water Pollution Control). Hawaii Revised Statutes [HRS] Title 19 Chapter 342D provides the State with the procedures, rules, and regulations for the enforcement of the State's Clean Water Program.

A. 40 CFR Parts 122 to 124 – EPA Administered Permit Programs: The National Pollutant Discharge Elimination System

The regulatory provisions contained in these parts implement the NPDES program under sections 301, 318, 402, and 405 of the CWA. These parts cover the basic EPA permitting requirements (40 CFR Part 122) and minimum requirements for administering the approved state program (40 CFR Part 123); as well as procedures for EPA processing of permit applications and appeals (40 CFR Part 124). These provisions also establish the requirements for public participation in the EPA and state permit coverage issuance and enforcement and related variance proceedings, and in the approval of state NPDES programs.

B. HAR Title 11 Chapter 54 – Water Quality Standards

This chapter establishes water quality standards applicable for the state waters (defined in HAR 11-54-1 and HRS 342D-1) that shall be maintained and protected to ensure protection of human health. To ensure compliance, all state waters are subject to monitoring and to the numerical limitations for acute and chronic toxicity as established in this chapter. These regulations detail the following: definitions; general policy on water quality and anti-degradation; classification of state waters and water uses; basic water quality criteria applicable to all waters; uses and specific criteria applicable to inland waters, marine waters, and recreational areas; zones of mixing; water quality certification and components; revisions; and severability.

C. HAR Title 11 Chapter 55 – Water Pollution Control

This chapter became effective on October 22, 2007. This chapter establishes the application of general and individual NPDES permits for facilities in the State of Hawaii. The NPDES permit conditions include, but are not limited to, basic water quality criteria, permit coverage, onshore/offshore construction, sampling requirements and definitions, duties to comply/reapply/mitigate, operation and maintenance, inspection and entry, monitoring and recordkeeping, signatory requirement, reporting requirements, modification, renovation, penalties, remediation, civil and criminal liability, oil and hazardous substance liability, hearings, appeals, severability, public interest, and field citations. HAR Title 11 Chapter 55 also establishes general permit conditions for specific activities with the potential to impact the storm water, including industrial activities (HAR 11-55 Appendix B), construction activities (HAR 11-55 Appendix C), and construction activity dewatering (HAR 11-55 Appendix G).

1.1.2 Spill Prevention, Control and Countermeasure Rule

A. 40 CFR Part 112 – Oil Pollution Prevention

Originally published in 1973 under the authority of Section 311 of the CWA, the Oil Pollution Prevention regulation (40 CFR Part 112) sets forth requirements for prevention of, preparedness for, and response to oil discharges at specific non-transportation related facilities.

To prevent oil from reaching navigable waters and adjoining shorelines, and to contain discharges of oil, the regulation requires these facilities to develop and implement SPCC plans and establishes procedures, methods, and equipment requirements (Subparts A, B, and C). On December 5, 2008, the Federal Register published EPA's final rule to amend the SPCC rule. This regulation includes requirements for facilities to prepare, amend, and implement SPCC plans to prevent discharges of oil to navigable waters and adjoining shorelines.

Before a facility is subject to the SPCC rule, it must meet three criteria:

- ❖ It must be non-transportation-related;
- ❖ It must have an aggregate aboveground storage capacity greater than 1,320 gallons or a completely buried underground storage capacity greater than 42,000 gallons; and
- ❖ There must be a reasonable expectation of a discharge into or upon navigable waters of the United States or adjoining shorelines.

When calculating oil storage capacity, the facility should not count containers less than 55 gallons; completely buried tanks that are subject to all of the technical requirements of the Underground Storage Tank [UST] Regulation (40 CFR Part 280) or all of the technical requirements of a state UST program (HAR 11-281) approved under 40 CFR Part 281; containers that are permanently closed as defined in 40 CFR Part 112.2; or parts of the facility used exclusively for wastewater treatment and not used to satisfy any requirement of 40 CFR Part 112. Preparation of the SPCC plan is the responsibility of the facility owner or operator.

B. 40 CFR Part 110 – Discharge of Oil

The regulations of this part apply to the discharge of oil prohibited by Section 311(b) (3) of the CWA. For purposes of Section 311(b)(4) of the Act, discharges of oil in such quantities that the Administrator of the EPA has determined may be harmful to the public health or welfare or the environment of the United States include discharges of oil that:

Violate applicable water quality standards; or

Cause a film or sheen upon or discoloration of the surface of the water or adjoining shorelines or cause a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines.

According to 40 CFR Part 110.6, “Any person in charge of a vessel or of an onshore or offshore facility shall, as soon as he or she has knowledge of any discharge of oil from such vessel or facility in violation of Section 311(b)(3) of the Act, immediately notify the National Response Center [NRC] (800-424-8802). If direct reporting to the NRC is not practicable, reports may be made to the United States Coast Guard [USCG] or EPA predesignated On-Scene Coordinator [OSC] for the geographic area where the discharge occurs. All such reports shall be promptly relayed to the NRC. If it is not possible to notify the NRC or the predesignated OSC immediately, reports may be made immediately to the nearest USCG unit, provided that the

person in charge of the vessel or onshore or offshore facility notifies the NRC as soon as possible." The procedures for such notice are set forth in USCG regulations (33 CFR 153, Subpart B) and in the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR Part 300, Subpart E).

1.1.3 Waste Management Regulations

The Resource Conservation and Recovery Act (42 USC §§ 6901), commonly referred to as RCRA, is the primary law governing the disposal of solid and hazardous waste in United States. Congress passed RCRA on October 21, 1976, which amended the Solid Waste Disposal Act [SWDA] of 1965. RCRA gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste (40 CFR Parts 260 through 272). RCRA also set forth a framework for the management of non-hazardous solid wastes (40 CFR Parts 273 through 279). The 1986 amendments to RCRA further address environmental problems that could result from underground tanks storing petroleum and other hazardous substances (40 CFR Parts 280 through 282).

RCRA set national goals for protecting human health and the environment from the potential hazards of waste disposal, conserving energy and natural resources, reducing the amount of waste generated, and ensuring that wastes are managed in an environmentally-sound manner. To achieve these goals, RCRA established three distinct programs as follows:

- ❖ The hazardous waste program regulated under RCRA Subtitle C.
- ❖ The solid waste program regulated under RCRA Subtitle D.
- ❖ The UST program regulated under RCRA Subtitle I.

For the State of Hawaii, the EPA has delegated authority to HDOH Solid and Hazardous Waste Branch [SHWB] to administer the solid and hazardous waste management control program including permit issuance, inspections, compliant response, enforcement, technical assistance & training, program related regulatory & policy development, and other pertinent program elements. Meanwhile, EPA continues to maintain overall enforcement authority.

State solid and hazardous waste management control regulations are codified in the HAR Title 11 Chapter 58.1 (Solid Waste Management Control, in draft), Chapters 260 through 271 and 280 (Hazardous Waste Management), Chapter 273 (Universal Waste Management), Chapter 279 (Management of Used Oil), Chapter 281 (Underground Storage Tanks), and Chapter 282 (Deposit Beverage Container Recycling). Functionally, the SHWB consists of three implementing sections (Hazardous Waste Section, Office of Solid Waste Management, and Underground Storage Tank Section), one support group (Pollution Prevention and Waste Minimization Program), and program administration.

A. Solid Waste Management Control - HAR Title 11 Chapter 58.1 (In Draft)

The purpose of this chapter is to establish minimum standards governing the design, construction, installation, operation, and maintenance of solid waste disposal, recycling, reclamation, and transfer systems. These standards are intended to prevent pollution of the drinking water supply or waters of the State of Hawaii; prevent air pollution; prevent the spread of disease and the creation of nuisances; protect the public health and safety; conserve natural resources; and preserve and enhance the beauty and quality of the environment.

These regulations detail the following: general provisions (Subchapter 1); requirements for solid waste disposal facilities (Subchapter 2); requirements for solid waste storage, handling, and processing facilities (Subchapter 3); requirements for solid waste reclamation facilities (Subchapter 4); requirements for special waste management (Subchapter 5); solid waste management responsibilities (Subchapter 6); penalties, remedies, and severability (Subchapter 7).

B. Hazardous Waste Regulations - 40 CFR Parts 260 through 272 and HAR Title 11 Chapters 260 through 271 & 280

Enforced by EPA, 40 CFR Parts 260 through 272 establishes regulations for hazardous waste management including identification and listing of hazardous waste; standards applicable for generators of hazardous waste; standards applicable to transporters of hazardous waste; standards for owners and operators of hazardous waste treatment, storage, and disposal facilities; standards for the management of specific hazardous wastes and specific types of hazardous waste management facilities; standards for owners and operators of hazardous waste facilities operating under a standardized permit; land disposal restrictions; EPA administered permit programs; and requirements for authorization and approval of state hazardous waste programs.

Enforced by HDOH, HAR Title 11 Chapters 260 through 271 and 280 establishes rules governing hazardous waste management in the State of Hawaii. HAR 11-260 through 11-270, are patterned after the regulations promulgated in 40 CFR 260 through 270, respectively. All references in tables and appendices to provisions of the CFR shall be construed to mean the state rule analogue of the referenced federal regulation (e.g., 40 CFR 260.1 shall be construed to mean section 11-260-1 of the HAR). The list of regulations applicable to Harbors is discussed below.

40 CFR Part 260 (HAR Title 11 Chapter 260) – Hazardous Waste Management System: General

This Part provides purpose, scope, applicability, definitions, references, general standards, and overview information applicable to the remainder of the hazardous waste rules.

40 CFR Part 261 (HAR Title 11 Chapter 261) – Identification and Listing of Hazardous Waste

These regulations can be used to determine whether the waste is a solid waste and then to determine if it is a hazardous waste based on the characteristics exhibited by the waste and listed wastes (i.e., ignitability, corrosivity, reactivity, and toxicity; 40 CFR Subpart C). List of hazardous wastes regulated by the EPA is contained in 40 CFR Subpart D. They also specify special requirements for hazardous waste generated by conditionally exempt small quantity generators [CESQG], residues of hazardous waste in empty containers, polychlorinated biphenyls [PCB] wastes regulated under Toxic Substance Control Act [TSCA], recyclable materials, and universal waste.

40 CFR Part 262 (HAR Title 11 Chapter 262) – Standards Applicable To Generators of Hazardous Waste

This Part establishes standards for generators of hazardous waste including but not limited to hazardous waste determination; EPA identification numbers; general requirements for hazardous waste manifest; pre-transportation requirements for hazardous waste packaging, labeling, marking, placarding, and accumulation time; recordkeeping and reporting; and imports/exports of hazardous waste.

These standards can be utilized to make a hazardous waste determination, identifying the operator's generator status based on quantity of hazardous waste generated per calendar month, and managing the hazardous waste in accordance with the requirements for different generators. The hazardous waste generators are classified into Large Quantity Generator [LQG], Small Quantity Generator [SQG], and CESQG. A generator's "status" is defined by the type of hazardous waste created and the quantity of waste that is generated and stored onsite. It is important that container weight and universal waste weight is not included in the total. Detailed discussion for each type of generator is listed below:

- ❖ CESQGs generate 100 kilograms (220 pounds) or less of hazardous waste and 1 kilogram (2.2 pounds) or less of acutely hazardous waste in one calendar month. A CESQG must identify all the hazardous waste generated. CESQG cannot accumulate 1,000 kilograms (2,205 pounds) or more of hazardous waste and more than 1 kilogram (2.2 pounds) of acute hazardous waste at any time. A CESQG does not need to acquire an EPA RCRA identification number. Use of a Hazardous Waste Manifest form is not required but recommended.
- ❖ SQGs generate more than 100 kilograms (220 pounds) and less than 1,000 kilograms (2,205 pounds) of hazardous waste and 1 kilogram (2.2 pounds) or less of acutely hazardous waste in one calendar month. An SQG may accumulate hazardous waste on site for 180 days without a permit (or 270 days if shipping a distance greater than 200 miles). A SQG cannot accumulate 6,000 kilograms (13,228 pounds) or more of hazardous waste and more than 1 kilogram (2.2 pounds) of acute hazardous waste at any time. An SQG needs to acquire an EPA RCRA identification number, and needs to use a Hazardous Waste Manifest form. There must always be at least one employee

available to respond to an emergency. This employee is the emergency coordinator responsible for coordinating all emergency response measures. SQGs are not required to have detailed, written contingency plans.

- ❖ LQGs generate 1,000 kilograms (2,205 pounds) or more of hazardous waste or 1 kilogram (2.2 pounds) or more of acute hazardous waste in one calendar month. An LQG does not have a limit on the amount of hazardous waste accumulated on site, but may store hazardous waste on-site for up to 90 days. An LQG needs to acquire an EPA RCRA ID Number, needs to use a Hazardous Waste Manifest form, and must submit a biennial hazardous waste report. There must always be at least one employee available to respond to an emergency. This employee is the emergency coordinator responsible for coordinating all emergency response measures. Furthermore, an LQG needs to comply with the requirements for personnel training, preparedness and prevention, detailed contingency plans and emergency procedures.

In addition, the generator must comply with the applicable requirements associated with the containment used to store hazardous waste. All generators must ensure that hazardous waste is delivered to a person or facility that is authorized to manage it.

40 CFR Part 263 (HAR Title 11 Chapter 263) – Standards Applicable To Transporters of Hazardous Waste

This Part establishes standards which apply to persons transporting hazardous waste within the United States if the transportation requires a manifest under 40 CFR Part 262 (or HAR 11-262). Note that these regulations do not apply to on-site transportation of hazardous waste by generators/owners/operators of permitted hazardous waste management facilities. A transporter of hazardous waste must also comply with other applicable Parts within 40 CFR (and/or HAR Title 11), where applicable. This Part also describes the standards for transporter; EPA identification numbers; transfer facility requirements; compliance with the manifest system and recordkeeping; and immediate action and clean up.

C. Universal Waste Management – 40 CFR Part 273 and HAR Title 11 Chapter 273

This Part establishes requirements for managing of acceptable universal wastes, including batteries, pesticides, mercury-containing equipment, and lamps (bulbs). This Part provides an alternative set of management standards in lieu of regulation under 40 CFR Parts 260 through 272. It lists definitions of universal waste; standards for small and large quantity handlers of universal waste (e.g., applicability, prohibitions, notification, waste management, labeling and marking, accumulation time limits, employee training, response to releases, off-site shipments, tracking universal waste shipments, exports, etc.); standards for universal waste transporters; standards for destination facilities; import requirements, and petitions to include other wastes under 40 CFR Part 273. The universal waste regulations discussed within this paragraph are not applicable to the conditionally exempt small quantity generators of hazardous waste (40 CFR Part 273.8).

D. Standards for the Management of Used Oil - 40 CFR Part 279 and HAR Title 11 Chapter 279

On July 30, 2003, EPA established standards for the management of recycled used oil. These standards were further corrected and published on July 14, 2006, as a final rule. This Part establishes used oil management requirements including definitions of used oil; applicability, specifications, prohibitions; standards for used oil generators, transporter and transfer facilities, processors, burners who burn off-specification used oil for energy recovery, fuel marketers (e.g., applicability, hazardous waste mixing, storage, on-site burning, off-site shipments, restrictions, notification, transportation, rebuttable presumption, storage, tracking, residue management, reporting); standards for used oil collection centers and aggregation points; standards for disposal of used oil; and used oil and used oil fuel permitting system.

E. UST Regulations - 40 CFR Part 280 and HAR Title 11 Chapter 281

This Part applies to all owners and operators of a UST system as defined in 40 CFR 280.12 except as otherwise provided in paragraphs (b), (c), and (d) of 40 CFR 280.10. This Part establishes UST regulations including:

- ❖ Program scope and interim prohibition (i.e., applicability, definitions, and interim prohibition for deferred UST systems);
- ❖ Design, construction, installation and notification (i.e., performance standards for new UST systems, upgrading of existing UST systems, and notification requirements);
- ❖ General operating requirements for spill and overfill control, operation and maintenance of corrosion protection, compatibility, repairs allowed, and reporting and recordkeeping;
- ❖ Release detection (i.e., general requirements for all UST systems, requirements for petroleum and hazardous substance UST systems, methods of release detection for tanks and piping, and release detection recordkeeping);
- ❖ Release reporting, investigation, and confirmation (reporting of suspected releases, investigation due to off-site impacts, release investigation and confirmation steps, and reporting and cleanup of spills and overfills);
- ❖ Release response and corrective action for UST systems containing petroleum or hazardous substances (i.e., initial response, initial abatement measures, initial site characterization, free product removal, investigations for soil and groundwater cleanup, corrective action plan, and public participation);
- ❖ Out-of-service UST systems and closure (i.e., temporary closure, permanent closure and change-in-service, assessing the site at closure or change-in-service, applicability to previously closed UST systems, and closure records); and
- ❖ Financial responsibility.

F. HAR Title 11 Chapter 104.1 - Management & Disposal of Infectious Waste

This chapter establishes minimum requirements for the management, treatment, transport, storage, and disposal of infectious waste and treated infectious waste in order to ensure practices that will protect the health and safety of persons living in the State of Hawaii. This chapter includes definition of infectious waste and storage, prohibited acts, categories of infectious waste; handling, transportation, and disposal requirements of untreated infectious waste within a generating facility; treatment and storage of treated infectious waste within a generating facility; transportation of infectious waste for treatment away from the generating facility and disposal of treated/untreated infectious waste, required elements of infectious waste management plan, exemption for placenta; and enforcement, penalties and severability.

1.1.4 Emergency Planning and Community Right-To-Know Act

The EPCRA of 1986 (42 USC §§ 11002 and 11003), a federal law, was created to help communities plan for emergencies involving hazardous substances. It establishes requirements for federal, state, local governments, and industry regarding emergency planning and “Community Right-to-Know” reporting on hazardous and toxic chemicals. The EPCRA provisions help increase the public’s knowledge and access to information on chemicals at individual facilities, their uses, and releases into the environment. States and communities, working with facilities, can use the information to improve chemical safety and protect public health and the environment. There are four major provisions of EPCRA, including:

- ❖ Emergency Planning (EPCRA Sections 301 through 303; 40 CFR Part 355)
- ❖ Emergency and Accidental Release Notification (EPCRA Section 304; 40 CFR Part 355)
- ❖ Hazardous Chemical Storage Reporting (EPCRA Sections 311 and 312 (Tier II); 40 CFR Part 370)
- ❖ Toxic Chemical Release Inventory (commonly referred to as TRI or Form R; EPCRA Section 313; 40 CFR Part 372)

In 1993, the Hawaii Emergency Planning and Community Right-to-Know Act [HEPCRA] became law (HRS 128E). It promulgated the federal EPCRA requirements in the State of Hawaii. This statute establishes planning, reporting, emergency notification, and public information access requirements related to hazardous chemicals. It also creates the Hawaii State Emergency Response commission [HSERC], which is established within the HDOH, as well as Local Emergency Planning Committees [LEPC], which are located in each county of Hawaii to implement emergency response planning and related actions. If a facility stores extremely hazardous substances [EHS] above threshold planning quantities [TPQs] published in 40 CFR 355 Appendices A and B, or if the facility stores 10,000 pounds or more of a hazardous material, the facility is subject to HEPCRA.

A. 40 CFR Part 355 – Emergency Planning and Notification

This Part establishes the list of EHS, TPQs, and facility notification responsibilities necessary for the development and implementation of state and local emergency response plans. These

regulations include purpose, definition, emergency planning, emergency release notifications, penalties, and the regulated list of extremely hazardous substances and their TPQs.

B. 40 CFR Part 370 – Hazardous Chemical Reporting: Community Right-to-Know

This Part establishes reporting requirements which provide the public with important information on the hazardous chemicals in their communities for the purpose of enhancing community awareness of chemical hazards and facilitating development of state and local emergency response plans. These regulations include purpose, definitions, penalties; reporting requirements (i.e., applicability, material safety data sheets [MSDS] reporting, inventory reporting, and mixtures); public access and availability of information (i.e., request and provision for information; and inventory forms (i.e., Tier I emergency and hazardous chemical inventory form, and Tier II emergency and hazardous chemical inventory form).

C. 40 CFR Part 372 – Toxic Chemical Release Reporting: Community Right-to-Know

This Part sets forth requirements for the submission of information relating to the release of toxic chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act [SARA] of 1986. The information collected under this Part is intended to inform the general public and the communities surrounding covered facilities about releases of toxic chemicals, to assist research, to aid in the development of regulations, guidelines, and standards, and for other purposes. These regulations also set forth requirements for suppliers to notify persons to whom they distribute mixtures or trade name products containing toxic chemicals that they contain such chemicals.

These regulations include scope and purpose, definitions, persons subject to this part, recordkeeping, and compliance and enforcement; reporting requirements (i.e., covered facilities for toxic chemical release reporting, and North American Industry Classification System [NAICS] codes (also refers to as Standard Industrial Codes [SIC]) to which this Part applies, thresholds for reporting, alternate thresholds and certification, lower thresholds for chemicals of special concern, reporting requirements and schedule for reporting, and exemptions); supplier notification requirements (i.e., notification about toxic chemicals); specific toxic chemical listings; and toxic chemical release reporting forms and instructions.

D. HAR Title 11 Chapter 451 – State Contingency Plan

Adopted on August 2, 1995, this chapter establishes the Hawaii State Contingency Plan [SCP] in order to implement, administer, and enforce the HRS chapter 128D (Hawaii Environmental Response Law [HERL]). These regulations are based on the National Contingency Plan [NCP] (administrative rules under Comprehensive Environmental Response, Compensation, and Liability Act [CERCLA], which is also known as “Superfund”). The SCP identifies hazardous substances, pollutants, or contaminants, which are subject to the requirements and procedure. It also designates any release of hazardous substances, pollutants, or contaminants in

quantities equal to or exceeding their reportable quantities, or any threat of release of hazardous substances, pollutants, or contaminants which poses or which may pose a substantial endangerment to public health or welfare, the environment, or natural resources, and all action taken pursuant to HRS chapter 128D, or these rules. The SCP details notification of releases, hazardous substance response, natural resources, activities by other persons, administrative records, and entry and access.

1.2 State of Hawaii Department of Transportation Overview

The HDOT is comprised of three Divisions: Airports, Harbors, and Highways. Harbors provides administrative oversight, engineering services, property management, computer support, and fiscal control to ten commercial harbors in four Districts: Oahu District (Honolulu and Kalaeloa Barbers Point Harbors), Maui District (Hana, Kahului, Kaunapau, and Kaunakakai Harbors), Kauai District (Nawiliwili and Port Allen Harbors) and Hawaii District (Hilo and Kawaihae Harbors). The Harbors environmental group organizational chart is included in Attachment 1. In 2008, Hana Harbor was transferred from the Department of Land and Natural Resource [DLNR] to Harbors. In 2009, management and operations of Kewalo Basin was transferred from Harbors to the Hawaii Community Development Authority [HCDA].

1.3 Environmental Organization

Harbors environmental organization is centralized within the Engineering Branch at the Hale Awa Ku Moku Building, located at 79 South Nimitz Highway, Honolulu Hawaii 96813. The Environmental Section Supervisor reports to the Engineering Program Manager. The Engineering Program Manager reports to Deputy Director, who in turn reports to the Director of Transportation.

Harbors Environmental Section consists of one supervisor and several staff environmental health specialists and/or environmental engineers. The Environmental Section Supervisor continuously evaluates workloads and assigns new tasks based on location, technical expertise, and current workload. This management structure allows for immediate access to the Environmental Section by the Districts, while maximizing utilization and therefore spreading the workload more evenly.

1.4 Intergovernmental Coordination

Continued coordination among Harbors Environmental Section, HDOH, and EPA concerning environmental issues is an integral part of the environmental management program at each commercial harbor in Hawaii. The Environmental Section Supervisor and Engineering Program Manager will coordinate regulatory compliance program issues. These issues may include permitting, sampling, reporting requirements, policy and procedures, and staffing. Any change to the Environmental Program will be subject to approval by the Director of HDOT, HDOH, and EPA. Some issues may require the assistance of the Attorney General Office and/or the HDOT

Office of Special Compliance.

The Environmental Section staff may need to interact with members of the HDOH CWB or other regulating agencies in order to address environment related issues and concerns as they arise. The Environmental Section Supervisor will be made aware prior to any contact with these agencies, and a summary of the discussed issue(s) will be forwarded to all members of the Environmental Section. This will help maintain consistent compliance and enforcement.

Harbors has prepared a revised Compliance, BMP, and P2 Inspection Checklist for Tenants (Attachment 4). Following tenant inspections, the completed inspection reports, including those for tenants covered under separate NPDES permit, will be routed to the Environmental Section Supervisor for further assessment. All correspondences among HDOT Harbors, HDOH, and EPA will be tracked through a document control system developed by Harbors. Meanwhile, the Environmental Section will keep a complete hardcopy set of all correspondences and submittals for a period at least three years.

2.0 PROGRAM SCOPE

Currently, Harbors Tenant Inspection and Enforcement program is implemented at the following harbors:

- Honolulu Harbor (Oahu District)
- Kalaeloa Barbers Point Harbor (Oahu District)

The procedures contained in this manual (including inspections, risk ranking, relative enforcement, reporting, and training) are requirements under the NPDES program. Failure to follow these procedures may result in civil and/or criminal penalties depending on the individual situation.

2.1 Implementation Schedule

Harbors has been implementing this Inspection and Enforcement program since 2010. Two harbors currently operate under NPDES permits. These harbors are Honolulu Harbor and Kalaeloa Barbers Point Harbor, both of which are located on the Island of Oahu.

2.2 Tenants Responsibility

All Harbors tenant lease agreements and revocable permits include language stating that the tenant is responsible for compliance with all environmental laws and regulations. Details of the lease agreements and revocable permits are included in Section 5.2. Tenants at the NPDES regulated harbors have been made aware of Harbors' Storm Water Management and Best Management Practice [BMP] programs. They have been regularly inspected by Harbors Environmental staff or their representatives for compliance. Failure to comply with Harbors environmental programs will result in enforcement actions against tenants as detailed in Section 6.

All Harbors tenant lease agreements and revocable permits include language stating Harbors tenants conducting industrial activities within their exclusive areas are required to seek separate NPDES permit coverage from HDOH. EPA regulated hazardous substances and marine pollutants are not allowed to be used, treated, stored, or disposed, unless they are incidental to normal operations of the tenant's business. All new tenant lease agreements and revocable permits require that, prior to bringing any EPA regulated hazardous substance or chemical on site, the tenant must obtain Harbors' approval. Failure to comply with clauses specified in the lease agreement or revocable permit may result in civil/criminal penalties or termination of the lease or revocable permit. Severe environmental violations are reported to HDOH for escalated enforcement.

Tenants desiring to develop improvement projects on Harbors property must obtain approval from Harbors prior to initiation of the project. The tenants are responsible for obtaining permits

from appropriate regulatory agencies and for furnishing proof to Harbors before commencing with construction activities. These permits include, but are not limited to, NPDES permits, building permits, grading permits, dredging permits, and special management area [SMA] permits. For a project requiring an NPDES permit during construction, required BMPs should be implemented to minimize the discharge of pollutants to the maximum extent practicable [MEP]. Harbors will inspect the tenant project BMPs on a regular basis. Violations observed during inspections will be documented, and enforcement actions will be taken. A comprehensive list of BMPs related to construction is documented in Construction Site Runoff Control Program (Harbors, 2012).

2.3 Vessel Owners Responsibility

The EPA's NPDES vessel program regulates incidental discharges from the normal operation of all non-recreational, non-military vessels of 79 feet or greater in length which discharge in waters of the United States through the Vessel General Permit [VGP]. In addition, the ballast water discharge provisions apply to any non-recreational vessel of less than 79 feet or commercial fishing vessels of any size. Military vessels or recreational vessels are regulated by other EPA programs under CWA Section 312.

The current permit, the 2009 VGP, is in effect until 2013. The EPA has proposed a draft 2013 VGP and Small Vessel General Permit (sVGP) to authorize discharges incidental to the normal discharges of commercial vessel operations. According to the VGP, vessels, greater than or equal to 300 gross tons or having the capacity to hold or discharge more than 8 cubic meters (2,113 gallons) of ballast water, must submit a complete and accurate NOI to the EPA to obtain coverage, which permits discharges incidental to the normal operation of a vessel including, but not limited to:

- Deck runoff and above water line hull cleaning
- Bilge water or oily water separator effluent
- Ballast water
- Anti-fouling leachate from anti-fouling hull coatings or hull coating leachate,
- Aqueous film forming foam [AFFF]
- Boiler or economizer blowdown
- Cathodic protection
- Chain locker effluent
- Controllable pitch propeller and thruster hydraulic fluid and other oil sea interfaces including lubrication discharges from paddle wheel propulsion, stern tubes, thruster bearings, stabilizers, rudder bearings, azimuth thrusters, and propulsion pod lubrication
- Distillation and reverse osmosis brine
- Elevator pit effluent
- Firemain systems
- Freshwater layup

- Gas turbine wash water
- Graywater
- Motor gasoline and compensating discharge
- Non-oily machinery wastewater
- Refrigeration and air condensate discharge
- Seawater cooling overboard discharge (including non-contact engine cooling water; hydraulic system cooling water, refrigeration cooling water)
- Seawater piping biofouling prevention
- Boat engine wet exhaust
- Sonar dome discharge
- Underwater ship husbandry
- Welldeck discharges
- Graywater mixed with sewage from vessels
- Exhaust gas scrubber wash water discharge

Note that if the vessel is less than 300 gross tons and has the capacity to carry less than 8 cubic meters of ballast water, but is larger than 79 feet, the owner of the vessel does not need to submit an NOI. However, the vessel must still comply with all applicable provisions of the VGP.

If the owner or operator of the vessel violates any of the limits in the VGP, s/he must conduct a corrective action assessment investigating the nature, cause, and potential options for eliminating the problems. Depending upon the extent of the problem, the VGP provides deadlines for resolving the issues. In addition, the owner or operator of the vessel must conduct routine visual inspections of all accessible areas of the vessel in order to verify that effluent limits are being met. On an annual basis, a more comprehensive inspection must be conducted. The findings of each routine visual inspection and annual inspection must be documented in the official ship logbook or as a component of other recordkeeping documentation.

As part of the reporting requirements, all vessel owners or operators subject to the VGP must submit an annual report to the EPA. Cruise ships and vessels with ballast water treatment systems must submit laboratory report(s) containing analytical data to the EPA and/or the USCG. If vessels have any instance of noncompliance, the owner or operator must report those instances of noncompliance to the EPA on an annual basis.

Harbors tenants owning or operating vessel(s) are subject to requirements of the VGP. In addition, any vessel maintenance, repair, washing, and fueling activities must be conducted following USCG regulations. Inspection and risk ranking criteria related to these operations covered in this manual will be limited to vessels that are either dry-docked or on-land.

3.0 TENANT RISK RANKING

3.1 Purpose

The HDOT Harbors has evaluated and ranked each tenant, some of which perform industrial activities at the two NPDES regulated harbors, based on their potential to contribute pollutants to the environment (i.e., air, water, and soil). The results of the tenant risk rankings will be re-evaluated regularly for accuracy. The risk designation of high, medium, or low, along with the tenant's individual or general NPDES permit coverage and compliance status, will be utilized to determine the inspection frequency (i.e., semiannually, annually, or every five years) of each tenant. Some tenants may have more than one facility. It is possible that each of their facilities is on a separate inspection schedule based on their physical locations, drainage area, and risk ranking.

Updated risk rankings for the tenants are maintained in the tenant database by Harbors Engineering Branch Environmental Section.

3.2 Risk Ranking Criteria

Harbors tenant facilities will be ranked as high, medium or low as determined by a cumulative score of the 15 risk criteria listed in this section. Based on the observations and activity evaluation, Environmental Section will assign a number from zero to five in each category with one exceptional category which ranges from negative two to two, based on the observation, activity evaluation, discharge potential to Harbors storm drain system and nation's waters nearby, and applicability of necessary BMPs. Certain individual criteria include a trigger for automatic designation of high risk ranking, regardless of the cumulative score. Description of each risk criteria is discussed in this section. Risk rankings are defined as follows:

- **Low:** Score of 5 or less
- **Medium:** Score from 6 through 15
- **High:** Score more than 15 or a 5 in certain individual criteria.

The term "vessel", as used in this manual, includes every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on the navigable waters. It includes power boats, ships, tugs, cruise boats, small craft, smaller commercial vessels, sailing vessels, barges, scows, lighters, ferry boats, pleasure craft, floating equipment, house boats, floating gear, and any and all other watercraft. Small vessels are considered those less than 79 feet in length. The vessels covered in this manual refer to the ones which are either **dry-docked** or **on-land**.

3.2.1 Vessel Maintenance and Repair (VM)

Tenant facilities are ranked based on the vessel maintenance and repair activities. Vessel

maintenance and repair activities include parts replacement, parts washing, removing and/or replacement of fluids and greases, dismantling, sandblasting, sanding, and painting.

- 0 No vessel maintenance or repair activities are conducted.
- 1 Maintenance activities on any size vessel are conducted entirely indoors (with proper dust control BMPs), with no or minimal potential for discharge of pollutants.
- 2 Minor maintenance (30 days or less duration) for small vessels is conducted in their berth (with proper dust control BMPs) with minimal potential for discharge of pollutants.
- 3 Maintenance activities on large vessels are conducted outdoors and out of the water (with proper dust control BMPs), with minimal potential for discharge of pollutants.
- 4 Major maintenance activities on any size vessel are conducted in a partially confined or unconfined area with moderate potential for discharge of pollutants.
- 5 Maintenance activities on any size vessel are conducted in an unconfined area or in an area with significant potential for discharge of pollutants.
(Automatic trigger to high risk designation)

3.2.2 Vessel Fueling (VF)

Tenant facilities are ranked based upon the type and method of vessel fueling. Vessel fueling includes transferring fuel between vessels as well as transferring fuel from a mobile fuel truck or a stationary aboveground storage tank to a vessel through hoses.

- 0 No fuel transfer activities are conducted.
- 1 Fueling of small vessel is conducted by a fueling company with proper spill containment and diversion.
- 2 Fueling of small vessel is conducted with spill containment and diversion.
- 3 Fueling of large vessel is conducted in designated area with spill containment and diversion.
- 4 Fueling of small vessel is conducted in areas WITHOUT spill containment and diversion.
- 5 Fueling of large vessels is conducted in areas WITHOUT spill containment or

diversion. (***Automatic trigger to high risk designation***)

3.2.3 Vessel Washing (VW)

Tenant facilities are ranked based upon vessel washing activities. Vessel washing includes the removal of salt, sediment, and sea life from the exterior of a vessel using water, detergent, and/or mechanical devices.

- 0 No vessel washing is conducted.
- 1 Vessel washing is permitted and conducted in an area designed to contain wash water and debris, with no or minimal potential discharge of pollutants.
- 2 Vessel washing is permitted and conducted in an uncontained area with no direct connection to Harbors storm water drainage system, or having a minimal potential for discharge of pollutants.
- 3 Vessel washing is permitted and conducted in an uncontained area with no direct connection to Harbors storm water drainage system, but having a moderate potential for discharge of pollutants.
- 4 Vessel washing is conducted in an uncontained area directly connected to Harbors storm drainage system, and has a moderate to significant potential for discharge of pollutants.
- 5 Vessel washing is conducted WITHOUT prior consent from Harbors, or not in compliance with VGP or sVGP regulated by EPA. (***Automatic trigger to high risk designation***)

3.2.4 Equipment and/or Vehicle Maintenance and Repair (EM)

Tenant facilities are ranked based on equipment and/or vehicle maintenance and repair activities. Vehicle and/or equipment maintenance and repairs include activities such as, but not limited to, parts replacement, parts washing, removal and/or replacement of fluids or greases, dismantling, sandblasting, sanding, and painting.

- 0 No equipment and/or vehicle maintenance activities are conducted.
- 1 Maintenance activities are conducted entirely indoors, on a small scale, with minimal potential for discharge of pollutants.
- 2 Maintenance activities are conducted entirely indoors, on a large scale, with minimal potential for discharge of pollutants.

- 3 Maintenance activities are conducted in a covered area with minimal to moderate potential for discharge of pollutants.
- 4 Maintenance activities are conducted outdoors within containment or in an area with minimal to moderate potential for discharge of pollutants.
- 5 Maintenance activities are conducted outdoors or in an area with significant potential for discharge of pollutants. (***Automatic trigger to high risk designation***)

3.2.5 Equipment and/or Vehicle Fueling (EF)

Tenant facilities are ranked based on the amount of fueling and the containment and/or diversion structures available. Small scale fueling refers to the fuel dispensing from a tank truck, aboveground storage tank [AST], UST, or portable container to equipment and vehicles. Large scale fueling refers to the fueling of a tank truck from an AST loading rack.

- 0 No equipment and/or vehicle fueling activities are conducted.
- 1 Equipment and/or vehicle fueling is conducted by a fueling company with spill containment and diversion.
- 2 Equipment and/or vehicle fueling is conducted on a small scale in areas with spill containment and diversion.
- 3 Equipment and/or vehicle fueling is conducted on a large scale in areas with spill containment and diversion.
- 4 Equipment and/or vehicle fueling is conducted on a small scale WITHOUT spill containment and diversion, but not in areas adjacent to Harbors storm drainage system and nation's water.
- 5 Equipment and/or vehicle fueling is conducted on a large scale in areas WITHOUT spill containment and diversion, or on any scale in areas adjacent to Harbors storm drainage system and nation's waters WITHOUT spill containment and diversion. (***Automatic trigger to high risk designation***)

3.2.6 Equipment and/or Vehicle Washing (EW)

Tenant facilities are ranked based on the methods used for equipment and/or vehicle washing. This category includes the washing of ground service equipment, maintenance equipment, company vehicles, and rental cars. All washing activities must take place in Harbors approved and designated areas.

- 0 No equipment and/or vehicle washing is conducted.
- 1 Equipment and/or vehicle washing is conducted in an approved and covered wash area following an approved method, with no or minimal potential discharge of pollutants.
- 2 Equipment and/or vehicle washing is conducted in an approved and uncovered wash area following an approved method with minimal potential discharge of pollutants.
- 3 Equipment and/or vehicle washing is conducted in an approved and uncovered wash area following an approved method with moderate to significant potential discharge of pollutants (e.g., adjacent to Harbors storm drainage system or nation's water).
- 4 Equipment and/or vehicle washing is conducted WITHOUT Harbors' approval and in an area with no direct connection to Harbors' storm drainage system and nation's water, and has a moderate to significant potential for discharge of pollutants.
- 5 Equipment and/or vehicle washing is conducted WITHOUT Harbors' approval and in an area that directly discharges to Harbors storm drainage system and nation's waters. (***Automatic trigger to high risk designation***)

3.2.7 Aboveground Oil Storage (size of container \geq 55 gallons ONLY) (OS)

According to 40 CFR 112, oil is defined as "oil of any kind of in any form, including, but not limited to: fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oil, including oils from seeds, nuts, fruits, or kernels; and other oils and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil." These oils are commonly stored in ASTs and 55-gallon drums. Oil stored in containers with capacity less than 55 gallons are evaluated under Section 3.2.8 – Container Storage. Note that tenants shall not install an AST without first obtaining the written consent from Harbors.

The term "properly stored" indicates that ASTs and drums meet the SPCC requirements for secondary containment, including: containers are clearly labeled; container material and construction are compatible with the stored material; secondary containment is sufficient to contain the entire capacity of the largest single container plus sufficient freeboard to contain precipitation; the bypass valve is sealed and retained storm water is properly managed; container integrity is appropriately tested; and drums are in good condition, neatly organized, and sealed when not in use.

Tenant facilities are ranked based on the oil storage protocols employed at the facilities.

- 0 No oil product is stored.
- 1 Less than 1,320 gallons of oil is properly stored in a covered area and has no or minimal potential for discharge of pollutants.
- 2 Less than 1,320 gallons of oil is properly stored in an uncovered area and has no or minimal potential for discharge of pollutants.
- 3 More than 1,320 gallons of oil is properly stored with no or minimal potential for discharge of pollutants, and the facility has an SPCC Plan.
- 4 More than 1,320 gallons of oil is properly stored with no or minimal potential for discharge of pollutants, but the facility does not have a SPCC Plan.
- 5 Oil is improperly stored and/or managed and has a significant potential for discharge of pollutants. (***Automatic trigger to high risk designation***)

3.2.8 Container Storage (CS)

Tenant facilities are ranked based on the container storage methods employed and the toxicity of materials stored. This category includes materials such as chemical products, solid wastes, new oil, and used oil stored in containers with capacity less than 55 gallons.

Storage methods are evaluated to ensure that materials are properly stored and managed. The term “properly stored” indicates that containers are correctly labeled, not passed their expiration date, in good condition, sealed when not in use, neatly organized, and compatible with other materials stored in the same area.

- 0 No materials are stored.
- 1 All materials are properly managed and stored completely indoors and have no or minimal potential for discharge of pollutants.
- 2 All materials are properly managed and stored under cover, and have minimal potential for discharge of pollutants.
- 3 Low toxicity materials are stored with moderate potential for discharge of pollutants.
- 4 Low toxicity materials are improperly managed and/or stored outdoors with significant potential for discharge of pollutants.
- 5 High toxicity materials are improperly managed and/or stored outdoors with

moderate to significant potential for discharge of pollutants. (***Automatic trigger to high risk designation***)

3.2.9 Material Storage and Handling (MH)

Tenant facilities are ranked based on the methods/procedures for loading and unloading of non-fuel materials and containerized cargo and associated temporary storage. Hawaii imports nearly 80 percent of its required goods, of which over 98 percent is shipped via water. Therefore, the majority operation occurring at Hawaii harbors is the loading and unloading of cargo from vessels, the relocating of materials to warehouses, the loading and unloading of trucks, and associated temporary storage.

Other material handling operations at the harbors may include bilge servicing, sewage transfer, fire suppressant loading, handling of non-fuel oil, construction materials staging, and bulk cargo operations (e.g., handling of petroleum products and aggregates such as sand, coal, Portland cement, and scrap metal). This category also covers temporary storage of handled materials. It can also be used to address pumping operations affiliated with the cleaning of tanks, sumps, piping, or pier areas.

- 0 No materials/cargo are loaded/unloaded and stored.
- 1 All materials are handled and stored entirely indoors with no or minimal potential for discharge of pollutants.
- 2 Materials are handled and stored indoors and outdoors with minimal potential for discharge of pollutants with relevant BMPs in good and effective condition.
- 3 Materials are handled and stored outdoors with moderate potential for discharge of pollutants with relevant BMPs in fair condition.
- 4 Material handling and storage is conducted with significant potential for discharge of pollutants with relevant BMPs in poor condition.
- 5 Material handling and storage is conducted with significant potential for discharge of pollutants and no relevant BMPs in place. (***Automatic trigger to high risk designation***)

3.2.10 Waste Handling and Disposal (excluding Used Oil) (WH)

Tenant facilities are ranked based on solid/hazardous waste handling and disposal. Waste handling includes making a hazardous waste determination and proper management. If the waste is a hazardous waste, the accumulation start date shall be added to the labeling. Additionally, the facility shall ensure that the waste is properly disposed of within the regulated

accumulation time, which depends upon the facility waste classification detailed in 40 CFR 262.

- 0 No waste is stored.
- 1 All wastes are non-hazardous and stored indoors or outdoors in covered areas, and have no or minimal potential for discharge of pollutants.
- 2 All wastes are non-hazardous and stored outdoors uncovered, and have moderate potential for discharge of pollutants.
- 3 Hazardous wastes are generated and tenant is classified as a CESQG¹. Hazardous wastes are properly managed, stored, and disposed of. Storage areas have no or minimal potential for discharge of pollutants.
¹ Please refer to Section 1.1.3 Waste Management Regulations, Item B.
- 4 Hazardous wastes are generated and the tenant is classified as a SQG² or LQG³. Hazardous wastes are properly managed, stored and/or disposed of. Storage areas have no or minimal potential for discharge of pollutants.
² Please refer to Section 1.1.3 Waste Management Regulations, Item B.
³ Please refer to Section 1.1.3 Waste Management Regulations, Item B.
- 5 Hazardous wastes are generated and the tenant is classified as a CESQG, SQG or LQG. Hazardous wastes are improperly managed, stored, and/or disposed of. Storage areas have significant potential for discharge of pollutants. (**Automatic trigger to high risk designation**)

3.2.11 Spill History (SH)

Tenant facilities are ranked based on past oil and/or chemical spills at their facilities and/or inspection and investigation report.

- 0 No history of oil/chemical spills.
- 1 One to three oil/chemical spills in minimal quantity (e.g., less than five gallons for oil) in the past three years.
- 2 One to three oil/chemical spills in moderate quantity (e.g., oil spill greater than 5 gallons but less than 25 gallons; for all other chemicals please refer to 40 CFR 302.4) in the past three years.
- 3 One to three oil/chemical spills greater than the reportable quantity (see 40 CFR 302.4) in the past three years.

- 4 More than three oil/chemical spills greater than reportable quantity in the past three years.
- 5 More than two oil/chemical spills entered into Harbors storm drainage system. Or more than five oil/chemical spills of any quantity in one calendar year. (***Automatic trigger to high risk designation***)

3.2.12 Enforcement History (EH)

Tenants are ranked based on the history of past compliance with environmental regulations (including federal, state, and local), and the corresponding response actions taken by the tenant following a Notice of Apparent Violation [NAV], any verbal warning, or inspections. Class II enforcement actions include potential violations identified during any type of inspection (e.g., not following applicable BMPs during operations). Class I enforcement actions include violation of environmental law or regulations and HDOT Harbors policy that results in an NAV. A tenant is considered “taking corrective action immediately” to the warnings/violations, if responding to a Class II enforcement action within 20 days, or a Class I enforcement action within 14 days.

- 0 No verbal or written warnings were issued in the past three years.
- 1 Class II violations (such as verbal/written warnings and potential violations identified in an inspection report) were issued in the past three years and corrective actions were immediately taken by the tenant.
- 2 Class I violations (identified in an inspection report and documented in an NAV) were issued in the past three years and corrective actions were taken by the tenant.
- 3 Class II violations were issued in the past three years, but corrective actions were NOT immediately taken by the tenant.
- 4 Class I violations were issued in the past three years, but corrective actions were NOT immediately taken by the tenant.
- 5 Civil penalties were assessed for non-compliance in the past three years. (***Automatic trigger to high risk designation***)

3.2.13 Training Attendance History (TH)

Tenants are ranked based on the past training attendance. Harbors requires tenants to reduce the discharge of pollutants to the MEP, and prohibit unauthorized non-storm water discharges into Harbors’ storm water drainage system and nation’s waters. In order to achieve these goals, Harbors has been providing *Annual Storm Water Pollution Prevention Awareness Training* to the tenants, with the topics focusing on storm water management, pollution prevention, good

housekeeping, and applicable BMPs. This annual awareness training is one of measures pertinent to public education and outreach program.

- 2 The tenant has attended all annual trainings during its tenancy.
- 1 The tenant has attended the most recent training.
- 1 The tenant has not attended the most recent training.
- 2 The tenant has never attended the training.

3.2.14 Storm Drainage System Protection (SD)

Tenants are ranked based on the implementation of BMPs directly applied to Harbors storm drainage system to minimize the discharge of pollutants and to prevent soil and debris from entering the system. There are different ways to protect the storm drainage inlets including, but not limited to, setting up inlet protection devices and installing drop inlet sediment traps.

- 0 There are no storm drain inlets on or down-gradient of the premises.
- 1 All storm drain inlets (on or near the premise) are stenciled and BMPs are in place and in good condition.
- 2 BMPs are in place and in fair condition.
- 4 BMPs are in place, but in poor condition and needed to be replaced.
- 5 The storm drain inlets do not have BMPs and are directly exposed to potential pollutants.

3.2.15 Lease Agreement and/or Revocable Permit Requirements (RP)

Tenants are ranked based on the history of past compliance with environmental requirements contained in the lease agreement and/or revocable permit, and the corresponding response actions taken by the tenant following an inspection, action letter, and verbal warning. Examples of the tenant *Lease Agreement* and *Revocable Permit* are included in Attachment 2. A tenant is considered “taking corrective action immediately” to the warnings/violations, if responding to a Class II enforcement action within 20 days, or a Class I enforcement action within 14 days.

Violations of any item below, if specified in the lease agreement and/or revocable permit, will ***automatically trigger a tenant to a high risk designation.***

- The tenant 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 Harbors.
- The tenant shall not conduct any act which results or may result in the creation, commission or maintenance of a nuisance on the premises.
- The tenant shall not conduct permanent lodging or sleeping quarters at the premises. However, a rest area for the comfort and convenience of employees during working hours is allowed.
- The tenant shall not install an UST/AST without first obtaining the written consent of Harbors.
- Except for materials that are lawfully sold in the ordinary course of the tenant's business and for which the tenant has obtained all required authorizations from appropriate authorities including the prior written permission of Harbors, the tenant shall cause any hazardous substances to be removed from the premises for disposal.
- The tenant shall maintain the premises in a strictly clean, neat, safe, orderly and sanitary condition, free of waste, rubbish and debris and shall provide for the safe and sanitary handling and disposal of all trash, garbage and other refuse from the premises.
- The tenant shall keep Harbors fully informed at all times regarding all environmental law related matters affecting the tenant or the premises.
- The tenant shall obtain an NPDES permit from HDOH, if applicable.

3.3 Inspection Frequency

All tenants shall be inspected by the Environmental Section or its representative in accordance with Section 4 of this manual. The frequency of tenant inspections will be based on the tenant risk ranking determinations of high, medium, or low threat. At a minimum, Harbors will inspect each tenant in each ranking class as follows:

- **Low** ranked tenants shall be inspected at least **once every five years**.
- **Medium** ranked tenants shall be inspected **at least annually**; and
- **High** ranked tenants, shall be inspected **at least semiannually**;

3.4 Implementation

During the initial year of the implementation of this revised *Tenant Inspection and Enforcement Manual*, a site visit will be conducted at every tenant at Harbors by the Environmental Section or its representative. The initial risk ranking will be determined based on the information obtained through existing facility inventories as well as knowledge from previous tenant inspections conducted from 2009 to 2011. The risk ranking determinations will be compiled into a statewide *Harbors Tenant Inspection Tracking List*.

Subsequent confirmation or reclassification of the risk ranking will be conducted as part of the

routine inspection process. Following inspections, Harbors environmental inspectors will re-evaluate each tenant based on the ranking criteria, determine if the current risk ranking classification is adequate, and make changes if warranted.

An electronic tenant database is maintained and updated by Harbors Property Management Section. Harbors Environmental Section will include the tenant list in their files along with information such as company name, harbor, contact information (primary and alternative), property space identification number (e.g., Tax Map Key number), mailing address, email address if available, and risk ranking. In addition, the database includes other information such as tenant general information (major operations conducted at the site), inspection results (e.g., inspection dates, materials stored on site, list of potential pollution sources, etc.), risk ranking, and enforcement actions (e.g., required corrective actions).

3.5 Tenant Risk Ranking Re-evaluation

Tenant risk ranking will be re-evaluated on a regular basis, majority of them relying on tenant routine inspection results. When a potential illicit discharge is observed or reported, and if the source is traced to a tenant, the tenant's risk ranking will be re-evaluated. Along with the subsequent risk ranking determination, Environmental Section will prepare an inspection schedule based on the results of risk ranking. The inspection schedules will be maintained and updated by Environmental Section.

4.0 INSPECTION DESCRIPTION

The risk ranking process determines the list of tenants to be inspected and appropriate inspection frequency. The primary purpose of the inspection is to evaluate how facility operations comply with Harbors' storm water management program, major environmental laws, applicable BMPs, pollution prevention [P2], and relevant clauses contained within a lease agreement (or revocable permit). Environmental compliance, BMP, and P2 information for each of the fifteen inspection criteria are discussed in Section 4.1.

The second purpose for the inspection is to develop and maintain an accurate inventory of environmental assets owned and/or operated by each tenant. These assets are discussed in Section 4.2. The third purpose for the inspection is to confirm compliance with environmental laws regulated by EPA, HDOH, HDOT, and other agencies. In addition, these routine inspections will identify any potential violation and assist in providing any corrective action, if necessary. Inspections are conducted under the following circumstances:

- ❖ **Routine Inspections** are required under storm water management program and based on the risk ranking;
- ❖ **Investigation Inspections** are to investigate reported illicit discharges to receiving water and/or Harbors storm water drainage system;
- ❖ **Follow-up Inspections** are to be conducted, after investigation inspection, to verify that necessary corrective actions are implemented;
- ❖ **Initial Site Inspections** are conducted to evaluate new tenant operations;
- ❖ **Final Site Inspections** are conducted to evaluate environmental conditions in tenant areas subject to lease (or revocable permit) termination.

Other inspections include **Joint Inspections**, which are conducted jointly with HDOH and/or EPA representatives. The above-listed inspections are further discussed in Sections 4.3 to 4.6.

4.1 Compliance, BMP, and P2 Information

Compliance is the state of being in accordance with the relevant federal and regional authorities and their requirements. In order to assist tenants to remain in compliance with Harbor's storm water management program, major environmental laws, and relevant clauses contained within lease agreement and/or revocable permit, Harbors has identified and implemented several means of disseminating related information to tenants. These means include, but are not limited to, providing *Annual Storm Water Pollution Prevention Awareness Training*, sending out informative brochures, providing technical support and assistance during inspections, and mailing out the inspection reports to keep tenants informed of their compliance status.

BMPs are defined as a schedule or schedules of activities, prohibitions or designations of practices, maintenance procedures, and other management practices to prevent or reduce the pollution to receiving water and/or Harbors' storm water drainage system. BMPs include

treatment requirements, operating procedures, and practices to control runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

BMPs related to treatment control utilize physical devices or systems that remove pollutants from storm water. BMPs related to operational practices intend to prevent pollutants from entering surface waters and/or Harbors' storm water drainage system, by altering activities to eliminate and minimize the pollution. BMPs related to spill response rely on a combination of structural controls, employee awareness, and relevant training to be effective methods for protection of environment.

Harbors always encourages the tenants to implement applicable BMPs and P2 measures to further aid in preventing discharge of pollutants. The tenants should be aware of the requirements of the inspection checklist and understand how their operations could impact the environment. Applicable BMPs associated with the fifteen inspection criteria are included in Attachment 3. Some of them are based on the November 2011 City and County of Honolulu [CCH] publication (CCH, 2011), "*Storm Water Best Management Practice Manual for Construction*." Brief descriptions of typical operations and the accompanying key inspection criteria are discussed below.

4.1.1 Elimination of Non-Storm Water Discharges to Storm Water Drainage System

This is a general BMP applicable to all tenants. Non-storm water discharges can be classified as 1) activity-based (subtle) or 2) overt (hard-pipe connection). Activity-based non-storm water discharges may include wash water, tank overflows, and spillage. Overt non-storm water discharges are flows piped to Harbors storm water drainage system. These flows may include processed wastewater, treated cooling water, and treated sanitary wastewater. Non-storm water discharges can be detected during storm drains and tenant routine inspection. In addition, overt connections can also be detected during the outfall reconnaissance inspection and engineering plan review process. The key inspection criteria for activity-based and overt discharges are listed in Table 4.1.

Certain non-storm water discharges are permitted by regulations, and therefore, exempted from the program. The discharge of pollutants from Harbors storm water drainage system shall be reduced to the MEP. The following non-storm water discharges may be discharged into Harbors storm water drainage system, provided that such discharges do not contain pollutants in amounts that will cause or contribute to a violation of an applicable water quality standard.

- Water line flushing;
- Landscape irrigation;
- Diverted stream flows;
- Rising ground waters;
- Uncontaminated ground water infiltration;

- Uncontaminated pumped ground water;
- Discharges from potable water sources and foundation drains;
- Air conditioning condensate;
- Irrigation water;
- Springs;
- Water from crawl space pumps and footing drains;
- Lawn watering runoff;
- Water from individual residential car washing;
- Flows from riparian habitats and wetlands;
- Dechlorinated swimming pool discharges;
- Residual street wash water;
- Discharges flows resulted from firefighting activities.

Table 4.1
Elimination of Non-Storm Water Discharges to Storm Water Drainage System

Subject	Key Inspection Criteria
Activity-based	<ul style="list-style-type: none"> • Identify facility areas exposed to storm water which are wet during dry weather, or are stained. • Inspect discharge points to the storm water drainage system to identify uncharacteristic volume, color, turbidity, odor, floatables, or foaming.
Overt	<ul style="list-style-type: none"> • Inspect each discharge point to the storm water drainage system during dry weather. • Ask the tenant to identify the discharge pathway of all floors and drains. Review as-built drawings as needed to verifying piping schematics.

4.1.2 Vessel, Equipment, and Vehicle Maintenance and Repair

The outstanding features of Hawaii's climate include mild temperatures throughout the year (70s to 90s degrees of Fahrenheit [°F]), moderate humidity, persistence of northeasterly trade winds, significant differences in rainfall within short distances, and infrequent severe storms. Generally, weather in Hawaii is very consistent, with only minor changes in temperature throughout the year. For the majority of Hawaii, there are only two seasons – summer (from May to October) and winter (from November to April).

Due to the mild climate in Hawaii, vessel, equipment, and vehicle maintenance and repair activities are usually conducted in uncovered areas. Accordingly, the potential for discharge of pollutants to the environment from these activities is very high. Therefore, conducting maintenance and repair activities in authorized areas are critical to the success of this BMP.

Additional state and federal regulations apply to some aspects of maintenance operations. These include, but are not limited to, federal and state solid and hazardous waste regulations, sewer use ordinances, and the Uniform Fire Code. Issues related to maintenance areas can be

addressed with a combination of these regulatory tools. The key inspection criteria related to vessel (dry-docked or on-land ONLY), equipment, and vehicle maintenance and repair are listed in Table 4.2.

Table 4.2
Vessel, Equipment, and Vehicle Maintenance and Repair

Subject	Key Inspection Criteria
Work Area	<ul style="list-style-type: none"> • Verify that maintenance/repair works occur in an authorized area. • Verify that storm drain inlets are protected from potential discharge of pollutants, and cleaned on a regular basis. • Verify that maintenance/repair areas are not hosed down; instead, the areas are cleaned using dry methods.
Equipment	<ul style="list-style-type: none"> • Verify that greasy and leaking equipment are stored under cover with oil drip pans or other secondary containment. • Verify that all fluids are drained and batteries are removed from salvage vessels, vehicles, and equipment.
Materials	<ul style="list-style-type: none"> • Evaluate hazardous materials utilized and make suggestions for substitutions with recycled or less toxic products. • Verify recycling or proper disposal of grease, oils, antifreeze, brake fluid, cleaning solutions, hydraulic and transmission fluids, solvents, paints, batteries, and filters.
Training	<ul style="list-style-type: none"> • Verify that maintenance/repair employees have received proper awareness training on storm water BMPs and a hazardous communication [HAZCOM] course.

4.1.3 Vessel, Equipment, and Vehicle Fueling

Fuel transfer activities at Harbors tenant facilities occur at various locations and circumstances. Designated fueling areas have been located and designed to prevent the run-on of storm water and the run-off of spills. Certain fuel oil storage and transfer operations are regulated under 40 CFR Part 112 (Oil Pollution Prevention and Response; Non-Transportation-Related Onshore and Offshore Facilities, commonly known as the SPCC Program). USTs used for fuel oil storage are regulated under HAR Title 11 Chapter 281. Furthermore, it is very common that vessel fueling operations occur while the vessel is still in the water. Due to the great potential of release to immediate receiving waters, fueling operations in water must adhere to USCG regulations, and will not be discussed in this section.

Some Harbors tenants are subject to 40 CFR Part 112 and will need to develop and implement a SPCC plan which is further discussed in Section 4.1.11 (*Emergency Spill Cleanup Plan*). The key components of the BMPs related to fueling activities address some practical measures that should be followed independently and/or in conjunction with the tenant's SPCC plan. The key

inspection criteria related to vessel (dry-docked or on-land ONLY), equipment, and vehicle fueling are listed in Table 4.3.

Table 4.3
Vessel, Equipment, and Vehicle Fueling

Subject	Key Inspection Criteria
Fueling Area	<ul style="list-style-type: none">• Ensure that the spill kits are readily available.• Assess fueling area design, and make recommendations for installing a cover, dead-end sump, berms, or impervious surfacing if appropriate.• Inspect sump or oil/water separator and query tenant on maintenance schedule.• Query tenant on fueling location of mobile equipment.
Operations	<ul style="list-style-type: none">• Check for staining in fueling areas, and evaluate whether adequate spill cleanup methods are routinely implemented.• Evaluate cleanup practices (i.e., spent absorbent should be picked up and stored in an appropriate container, fueling areas should not be hosed down, and employees should be trained on fueling, spill cleanup practices, release notifications, and informed of SPCC plan if there is one).
Equipment	<ul style="list-style-type: none">• Evaluate secondary containment devices (either portable or permanent used during fueling operations).• Inspect visible piping, tanks, and hoses for signs of leakage, wear, or malfunction.

4.1.4 Vessel, Equipment, and Vehicle Washing

Most of Harbors tenants are located in close proximity to the ocean, which would cause a relatively high rate of corrosion on metals. Therefore, there is an increased need to remove accumulated sediment from vessel (dry-docked or on-land), equipment, and vehicle. Wash racks equipped with oil/water separators and containment devices should be utilized for all washing operations on land. Prior to conducting any vessel or vehicle washing activity on site, the tenant must obtain a written consent from Harbors. Unauthorized vessel or vehicle washing on Harbors property would result in an NAV or more severe enforcement.

All washing operations must have written approval from Harbors. All washing operations should be conducted in a manner that will contain potential pollutants. This can be accomplished through prohibiting the use of surfactants, using minimal water, utilizing secondary containments, and/or use less hazardous and more biodegradable materials. A list of alternative products is included in Attachment 3. If possible, after necessary pretreatment, wash water should be discharged to sanitary sewer through a permitted connection or to a permitted underground injection well. The key inspection criteria related to vessel (dry-docked or on-land ONLY), equipment, and vehicle washing are listed in Table 4.4.

Table 4.4
Vessel, Equipment, and Vehicle Washing

Subject	Key Inspection Criteria
Washing Area	<ul style="list-style-type: none"> • Evaluate area for optimal characteristics including cover, containment, surface integrity, slope, and run-on/run-off.
Wash Water Treatment	<ul style="list-style-type: none"> • Assess maintenance, cleaning, and disposal of materials from sumps and oil/water separators.
Equipment	<ul style="list-style-type: none"> • Inspect wash water collection, pretreatment, and reclamation system components for potential discharges. • Evaluate storage and use of cleaning agents.
Permits	<ul style="list-style-type: none"> • Evaluate whether vessel or vehicle washing activity and related washing method is authorized by Harbors. • Evaluate whether discharges to the sanitary sewer or an underground injection well are authorized.
Operations	<ul style="list-style-type: none"> • Evaluate whether all washing operations take place in approved areas.

4.1.5 Material Storage and Handling

This BMP related to the loading/unloading and temporary storage of non-petroleum materials and cargo. Fuel oil loading/unloading activities are covered in Section 4.1.3 (*Vessel, Equipment, and Vehicle Fueling*). Oil and hazardous waste storage is covered in Section 4.1.6 (*Container Storage*).

Material storage and handling operations at a tenant's facility can include bilge servicing, sewage transfer, fire suppressant loading, cargo handling, neo-bulk cargo staging (e.g., construction materials such as lumber), dry-bulk handling (e.g., sand, aggregate, coal, scrap metal, Portland cement, etc.), other break-bulk cargo handling (e.g., miscellaneous general cargo), and associated temporary storage. Additionally, this BMP can also address pumping operations affiliated with the cleaning of tanks, sumps, piping, or pier areas. The key inspection criteria related to material storage and handling are listed in Table 4.5.

Table 4.5
Material Storage and Handling

Subject	Key Inspection Criteria
Loading Area	<ul style="list-style-type: none"> • Evaluate design and identify opportunities to improve cover, grading, berms, downspout and storm drain locations, and parking orientation. • Evaluate non-structural loading areas for proximity to storm drains, stains, or pavement degradation.
Bulk Storage	<ul style="list-style-type: none"> • Inspect all temporary storage areas and maintain good housekeeping in the areas.
Equipment	<ul style="list-style-type: none"> • Verify that adequate supplies of cleanup materials are readily available at material handling locations.
Operations	<ul style="list-style-type: none"> • Verify that leaks from transferring operation and spillage from hose disconnections are contained, absorbed, and disposed of properly. • Review written operation plans and/or emergency spill cleanup plans.
Training	<ul style="list-style-type: none"> • Query tenant on spill prevention and response training of employees. • Forklift drivers must receive training per Occupational Safety and Health Administration [OSHA] federal regulation 29 CFR 1910.178.

4.1.6 Container Storage

Containers of used oil and hazardous waste are subject to specific storage and management standards under the federal RCRA (40 CFR Parts 260 to 272) and state regulations (HAR Title 11 Chapters 260 through 271 and 280). These standards include the requirement for secondary containment of all used oil and hazardous waste containers as a spill prevention measure. The SPCC regulations (40 CFR Part 112) specify certain secondary containment requirements for aboveground storage of oil. This BMP extends the secondary containment requirement to all containers used for storage of oil and hazardous material outdoors. Waste handling and disposal is discussed in Section 4.1.7 (*Waste Handling and Disposal*). The key inspection criteria related to container storage are listed in Table 4.6.

Table 4.6
Container Storage

Subject	Key Inspection Criteria
Storage Area	<ul style="list-style-type: none"> • Evaluate adequacy of secondary containment so that it is sufficient to hold the volume of the largest container plus additional 10% or greater capacity for accommodating precipitation. • Evaluate containers, aboveground tanks, and piping for protection guards, such as bollards, to prevent vehicle or forklift damage.
Equipment	<ul style="list-style-type: none"> • Verify that aboveground oil tanks are equipped with overflow protection devices, which will shut down transfer pumps automatically, and relevant warning signs for operators. • Inspect container integrity for signs of failure.
Operations	<ul style="list-style-type: none"> • Verify that all containers are clearly labeled to prevent misuse or accidental release. • Evaluate management of secondary containment structures to prevent accumulation of storm water and/or free product, and verify that tenant maintains the log for discharge of uncontaminated storm water from secondary containment.

4.1.7 Waste Handling and Disposal

This BMP is intended to prevent or reduce the discharge of pollutants to the environment from waste handling activities by tracking waste from generation and storage to disposal. It also intends to reduce waste generation and disposal through source control (i.e., reduction, reuse, and recycling). In addition, this BMP is aimed on preventing run-on and run-off at waste management areas. Waste handling and disposal related activities are regulated by both federal and state laws (see Section 4.1.6 –*Container Storage*). The high cost and regulation pertaining to waste handling and disposal provide incentives for reducing waste generation and identifying opportunities for reuse and recycling. Components of this BMP target both the required waste management activities and waste reduction efforts. The key inspection criteria related to waste handling and disposal are listed in Table 4.7.

Table 4.7
Waste Handling and Disposal

Subject	Key Inspection Criteria
Storage Area	<ul style="list-style-type: none"> • Inspect all used oil and hazardous waste storage areas to assess integrity of secondary containment. • Inspect all waste storage areas to ensure that dumpsters are covered and not leaking. • Ensure that sediments and wastes are not tracked off site;
Operations	<ul style="list-style-type: none"> • Inspect all waste storage areas to ensure that incompatible wastes (such as acids and bases) are segregated and that all waste containers are labeled and dated properly (refer to HAR Title 11 Chapters 260 through 280: Hazardous Waste Management for labeling requirements); • Inspect waste storage containers for integrity (must be covered when not being filled as well as rust and dent-free). • Inspect waste storage areas for signs of leaks or spills. • Verify that all wastes are disposed of properly, and if applicable, query tenants on their hazardous waste generator status (CESQG, SQG, or LQG), obtain related EPA identification number, and verify that records related to waste generation and disposal are being kept. • Evaluate training of employees handling waste.
Waste Reduction	<ul style="list-style-type: none"> • Maintain minimal inventory of chemical products to reduce potential spill and waste generation. • Identify less toxic chemical substitutes to reduce hazardous waste generation. • Reuse or recycle materials whenever possible. • Evaluate processes generating wastes to identify modifications (e.g. double cleaning of parts, material substitutions or eliminations, etc.) that would minimize wastes.

4.1.8 Pier, Building, and Ground Maintenance

Pier maintenance includes pier and marine structure repairing, and routine maintenance works (i.e., painting, carpentry, plumbing, and cleaning of operational areas). Building maintenance includes activities such as painting, roofing, pressure washing, and construction of a building. Ground maintenance includes cleaning of operational areas and application of fertilizers, biocides, herbicides, and pesticides. It also includes maintenance of the storm water drainage system. These activities generate debris and pollutants that could come into contact with storm water run-on and run-off. The key inspection criteria related to pier, building, and ground maintenance are listed in Table 4.8.

Table 4.8
Pier, Building, and Ground Maintenance

Subject	Key Inspection Criteria
Pier Maintenance	<ul style="list-style-type: none"> • Evaluate temporary controls (such as tarps, booms, restricted use of wash water, and storm drain covers) to contain debris and pollutants. • Evaluate cleaning methods for paved surfaces (such as sweeping over washing, and proper storage and disposal of sweeper debris). • Evaluate cleaning schedule for the storm water drainage system.
Building Maintenance	<ul style="list-style-type: none"> • Evaluate temporary controls (such as tarps, booms, restricted use of wash water, and storm drain covers) to contain debris and pollutants.
Ground Maintenance	<ul style="list-style-type: none"> • Evaluate cleaning methods for paved surfaces (such as sweeping over washing, and proper storage and disposal of sweeper debris). • Encourage conservative utilization of fertilizers, biocide, herbicides, and pesticides with intention of maximizing absorption and minimizing run-off to storm water drainage system. • Recommend leaving or planting native vegetation to reduce irrigation, fertilizer, biocide, herbicide, and pesticide needs. When applying biocide, herbicide, or pesticide, follow the manufacturer's recommendations and instructions, and avoid spray in high winds or when rainfall is imminent to reduce overspray and run-off. • Encourage collecting and composting of green waste to prevent blockages in the storm water drainage system. • Evaluate cleaning schedule for the storm water drainage system.

4.1.9 Storm Water Pollution Prevention Education and Outreach

The SWMP has been developed and implemented for all harbors covered by the NPDES program. The plan includes sections on tenant education and outreach related to storm water pollution prevention and good housekeeping. Tenants covered under their own NPDES permit are also required to have their own Storm Water Pollution Control [SWPC] or similar plan and to provide training for their employees, which is often a part of their corporate policy. In addition, Harbors provides *Annual Storm Water Pollution Prevention Awareness Training* to the tenants. The tenants are required to attend this annual training, share the information to their employees, and provide feedback.

This section identifies potential components of storm water pollution prevention training programs. Inspection criteria would be limited to confirmation of employee training and review of storm water training materials and recordkeeping.

Table 4.9
Storm Water Pollution Prevention Education and Outreach

Subject	Key Inspection Criteria
Education	<ul style="list-style-type: none"> • Increase awareness of what is (or is not) allowed to enter the storm drains. • Increase awareness of the detrimental environmental impacts resulted from fuel, antifreeze, lubricants, pesticides, detergents, paint, and waste residue. • Identify storm water collection system components.
BMP	<ul style="list-style-type: none"> • Encourage labeling of storm drains to discourage illicit discharges or illegal dumping. • Promote the proper storage, use, and disposal of potentially harmful chemicals. • Promote the proper storage and disposal of wastes. • Encourage acquisition of alternative and less toxic chemicals (such as short-lived pesticides, non-chlorinated solvents, water-based paints, and non-aerosol products). • Encourage waste minimization and recycling. • Provide mechanism for reporting of apparent violations and enhance awareness of possible penalties affiliated with illicit discharge/dumping. • Encourage efficient and safe BMPs in areas with industrial activity.

4.1.10 Oil/Water Separator

An oil/water separator [OWS] is a device designed to separate gross amounts of oil and suspended solids from storm water or wastewater effluents (from restaurants, oil refineries, petrochemical plants, chemical plants, natural gas processing plant, or other industrial sources). It is installed as a pretreatment device for wastewater, prior to discharge to a sanitary sewer, cesspool, recycling system, treatment plant, or other collection points. OWS can also be installed at locations with high fuel recovery potential, such as fuel truck loading areas where spilled product can be recovered for proper use or disposal.

In terms of storm water, an OWS is typically installed in operational areas prone to frequent small spills and drips that have a significant cumulative impact on storm water quality. The storm water OWS is utilized as a flow-through polishing device rather than a reclamation device.

The OWS comes in a range of sizes and designs, depending on the volume of flow and characterization of the influent. All OWSs warrant regular maintenance in order to be effective and efficient in wastewater treatment. The key inspection criteria related to OWS are listed in Table 4.10.

Table 4.10
Oil/Water Separator

Subject	Key Inspection Criteria
Performance	<ul style="list-style-type: none"> Regularly inspect effluent from OWS for sheen, odor, clarity, floatables, and/or other abnormal observations
Operations	<ul style="list-style-type: none"> Query tenant on OWS inspection, cleaning frequency, and waste disposal. Query tenant on major maintenance activities or routine parts replacement. Query tenant on employee training, particularly with OWS that requires valves or switches.
Performance	<ul style="list-style-type: none"> Regularly inspect effluent from OWS for sheen, odor, clarity, floatables, and/or other abnormal observations.
Operations	<ul style="list-style-type: none"> Query tenant on OWS inspection, cleaning frequency, and waste disposal. Query tenant on major maintenance activities or routine parts replacement. Query tenant on employee training, particularly with OWS that requires valves or switches.

4.1.11 Emergency Spill Cleanup Plan

An Emergency Spill Cleanup Plan is developed in support of other BMPs, including those that are focused on maintenance and repair, fueling, washing, outdoor material storage and handling, outdoor container storage, and waste handling and disposal (see Sections 4.1.2 to 4.1.7). Owners and operators of facilities, which store/process petroleum or petroleum-based products in certain quantities, may be subject to 40 CFR Part 112 and will need to develop and implement an SPCC plan (see Section 1.1.2 – *Oil Pollution Prevention*).

For tenants that use oil in quantities under the threshold (not subject to SPCC regulations) and conduct operations with high potential of spilling hazardous materials, an Emergency Spill Cleanup Plan should be developed, which is tailored to the activities conducted by the tenants as a pollution prevention tool. The key inspection criteria related to an Emergency Spill Cleanup Plan are listed in Table 4.11.

Table 4.11
Emergency Spill Cleanup Plan

Subject	Key Inspection Criteria
Program Evaluation	<ul style="list-style-type: none"> • Evaluate whether or not the tenant is subject to the SPCC program; if so, verify that they have submitted a copy of the current SPCC plan to Harbors. • Evaluate whether or not the tenant conducts operations which would warrant an Emergency Spill Cleanup Plan, and make recommendations.
Document Review	<ul style="list-style-type: none"> • Review the existing plan for basic components, including facility description, site plan, notification procedures, cleanup instructions, cleanup materials, and responsible parties. • Review spill response records, if there are any. • Verify that contingencies (such as spill kits) identified in the plan are present and stocked. • Verify that employees are trained in Emergency Spill Cleanup Plan components.
Training	<ul style="list-style-type: none"> • Query tenant on spill prevention and response training of employees. • Query tenant's employee on emergency spill cleanup.

4.2 Environmental Asset Inventory

The environmental asset consists of natural environment and built environment. The natural environment encompasses all living and non-living things occurring naturally on Earth or some region thereof. It can be distinguished by components, including complete ecological units, which function as natural systems without massive human intervention, and universal natural resources and physical phenomena that lack clear-cut boundaries (such as air, water, and climate). The built environment comprises the areas and components that are strongly influenced by humans.

During tenant routine inspections, an inventory of environmental assets will be verified and updated. A tenant database has been developed and maintained, in which operations and equipment having environmental significance are assessed and documented. Key environmental asset categories include aboveground storage tanks, mobile storage tanks, underground storage tanks, hazardous material storage areas, spill kits, waste storage areas, paint booths, paint shops, vehicle wash areas, pre-treatment systems, and maintenance areas for vessels, equipment, and vehicles.

Tracking environmental assets allows for a comprehensive evaluation of operations at each harbor, and more effective communication with tenants regarding changes in applicable regulations or policies. Database queries generate reports containing environmental assets are used during routine inspections, illicit discharge investigations, enforcement actions, and lease (or revocable permit) termination proceedings. Therefore, verifying and updating electronic records of environment assets is an essential component.

4.3 Routine Tenant Inspection

Routine tenant inspections are required under the storm water management program. They are conducted based on criteria discussed in Section 3 – Risk Ranking. The database containing tenant risk rankings are maintained and updated by the Environmental Section, and tenants will be re-evaluated on a regular basis. If a potential violation is observed during the inspection, the inspector will issue a verbal warning on the spot. A copy of inspection report will be provided to the tenant, upon completion. If necessary, a follow-up inspection will be conducted.

4.4 Investigation Inspection

Whenever a pollution complaint or potential illicit discharge is observed or reported, an investigation is conducted and documented. The inspector verifies whether or not an illicit discharge has occurred. If one has occurred, the source of the pollutants is identified and, as applicable, a verbal/written warning or an NAV is issued to the violator. The pollution source should be eliminated as soon as possible, and follow-up inspections should be conducted as necessary. Written records of all investigations will be kept as part of the environmental compliance program, and if the source is traced to a tenant, the tenant's risk ranking will be re-evaluated.

4.5 Follow-up Inspection

When an illicit discharge from a tenant facility or activity is confirmed, a follow-up inspection may be conducted to ensure that proper corrective actions are taken by the tenant.

4.6 Initial Site Inspection

Ongoing coordination with Property Management Section enables environmental assessments of new tenant operations. Notification of a new lease triggers an evaluation of the potential environmental impacts of the new tenant. If necessary, a new tenant inspection needs to be conducted. The purpose of the new tenant inspection is to identify any environmental asset, initiate and assign a risk ranking, and to convey the applicable environmental regulations contained in Harbors SWMP program for the new tenant. In addition, it can also help identify applicable BMPs for the new tenant. The database will be maintained and updated with any new information, to ensure that all tenants are included and properly assigned a risk ranking.

4.7 Final Site Inspection

Tenants with environmental assets such as fuel tanks, maintenance areas, or hazardous materials and/or waste storage activities pose a potential risk to the environment and public, which subsequently place Harbors as the landowner in a vulnerable position. Prior to terminating leases (or revocable permits) for these tenants, past inspection records shall be

reviewed. If necessary, final inspections are necessary to identify potential environmental issues needing resolution prior to lease termination.

Examples of potential environmental issues include environmental site assessments related to UST closure, disposal of solid and hazardous wastes, and removal of contaminated oil. In addition, tenants can be required to conduct appropriate environmental investigations, assessments, and remediation to ascertain the presence and extent of environmental contamination resulted from their operations.

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5.0 INSPECTION PROCEDURES

Inspection procedures are designed to maintain compliance with the applicable environmental regulations at Harbors.

5.1 Pre-inspection Preparation

Prior to conducting routine inspections, inspectors (Environmental Section personnel or their designees) shall collect and analyze available background information of the tenant to be inspected. Pre-inspection preparation begins by generating a tenant profile from the environmental database, which lists all known environmental assets affiliated with the tenant as well as past inspection records. Prior to inspection, relevant property management files and layout maps, identifying leased areas, should be reviewed. In addition, other applicable files such as SPCC plans, SWPC plans, past enforcement actions, facility plans for improvement projects, and correspondence should be reviewed.

The key reviewing criteria include, but not limited to, the following:

- Compare facility diagrams with drainage maps for that area of the harbor to identify potential drainage pathways at and around the facility.
- Pay attention to changes that have occurred at the tenant's facility (either operations or the facility structures).
- Pay attention to changes in Harbors environmental policies since the previous inspection.
- Identify and review the BMPs that are applicable to the tenant's operations.
- Identify any special safety consideration and inspection scheduling limitations prior to contacting the tenant to arrange the inspection.

Upon finishing reviewing of background information, the inspectors should develop an inspection plan to highlight the key components of the inspection. The major purpose of the tenant inspection is to identify potential environmental concerns and provide outreach if necessary. In addition, the inspection also serves the purpose of acquiring specific information from the tenant (e.g., copies of permits, plans, and training records) and conveying specific information to the tenant in a direct fashion. The inspection plan should include following components at least:

1. Objectives - Define purpose of inspection and intended accomplishments.
2. Tasks - Identify specific tasks and information to be collected and/or reviewed.
3. Procedures - Identify any special procedure to be used.
4. Resources - Establish personnel and equipment needs.
5. Schedule - Given the inspection frequency, assess how much time will be needed.
6. Coordination - Determine whether this inspection warrants coordination with other Harbors personnel or regulatory agencies.

5.2 Entry

Leases and revocable permits, issued by Harbors, provide inspectors the right to enter tenant's facility for the purpose of inspection. Even though advanced notification of tenants to-be-inspected is not required, it does give tenants enough time to gather necessary records, make sure at least one tenant representative available to accompany the inspector, and prepare them to discuss environmental concerns or questions. Unannounced inspections could provide a more accurate sense of day-to-day operations, and are generally utilized when inappropriate corrective actions warrant a higher level of enforcement. The tenant inspections usually serve the dual purpose of environmental outreach and compliance. Therefore, scheduling the inspection a few days in advance may foster a more productive working relationship with Harbors tenants.

Usually, the inspection begins by the inspector introducing themselves to reception and asking for the point of contact with the tenant. When more than one inspector on site (either from Harbors, a combination of Harbors and their designees, or a combination of Harbors and HDOH/EPA representatives), the inspectors should identify their respective roles in the inspection, as well as who will be leading the inspection for the team. This will ensure efficient communication between the tenant and the inspection team.

In the rare instance, when access to a tenant facility is denied, the inspector should notify HAR-EE supervisor and obtain a copy of the relevant lease agreement or revocable permit from Property Management Section, highlighting the *Inspection of Premises* section (contained within lease agreement) or *Entry by State* section (contained within revocable permit).

Lease language typically states:

"The LESSEE shall permit the LESSOR and its employees, representatives and agents, at all reasonable times during the said term of this lease, to enter the Premises for any governmental purpose, including, without limitation, examining the state of repair and condition."

Revocable permit language typically states:

"The STATE or its agents and employees may enter the Premises at all reasonable hours to inspect the Premises and determine if the PERMITTEE is complying with the terms and conditions of this Permit or for any other proper purpose. The PERMITTEE shall not make any claim for damages or set off of rent, service charge or other charges by reason or on account of such entry."

If the tenant exhibits hostile behavior, inspectors should request Harbor Police to provide escort during the inspection. At no time should an inspector feel compelled to conduct the inspection in an unsafe environment. Some tenant facilities may pose safety concerns and have specific

safety protection requirements. Hence, the inspector should refrain from inspecting operational areas until a tenant representative could provide accompaniment.

5.3 Tenant Conference

Depending on the size of the tenant's facility to-be-inspected, a tenant conference could be conducted onsite prior to the start and/or the end of the inspection if plausible. It may consist merely of the inspector describing the purpose and order of the inspection to the tenant representative. This will allow the tenant representative to locate additional documents or key personnel necessary to fulfill the objectives of the inspection. Pre-inspection preparation may have identified key areas and relevant issues. If so, the inspector should convey these concerns to the tenant representative to ensure that they are reviewed.

It is imperative that a tenant representative accompanies the inspector during the entire inspection to describe operations and answer questions, as well as address considerations related to safety, environment, and liability. Often the tenant representative will include other employees with specialized roles during specific portions of the inspection.

Records, such as monitoring results, waste disposal manifests, or SPCC documentation, may be reviewed before, during, or after the tenant inspection. Sometimes, a tenant inspection may result in one or more follow-up activities. Therefore, prior to the end of the inspection, it will be helpful to take a few minutes to review relevant records and recap any deficiency, violation, or concern, which may require follow-up by either the inspector or the tenant representative.

5.4 Inspection

Conducting an effective inspection requires observing operations that have the potential to impact the environment, posing questions to the tenant as necessary to gain a clear picture of whether or not the operations are complying with relevant environmental regulations, and recording observations for future use.

The inspector should use the pre-inspection preparation to identify areas of concern requiring the most attention for each tenant, and communicate the inspection plan with the tenant representative. As each area is observed, the inspector should evaluate how operations conform to Harbors' revised Compliance, BMP, and P2 Inspection Checklist for Tenants (Attachment 4) and note deficiencies observed. In addition, the inspector should provide an oral guidance to the tenants concerning possible environmental improvements that may suit their operations (e.g., storage techniques, product substitutions, labeling requirements, or proper housekeeping protocols).

The tenant inspection provides an opportunity for the inspector to convey information to the tenants in the context of their operation, as well as a time for the tenants to ask for guidance on particular environmental concerns. Sometimes, follow-up activities are necessary following the

tenant inspection, for both the inspector and the tenant, which contribute to the goal of achieving environmental compliance in tenant operations.

5.5 Documentation and Recordkeeping

Accurate inspection documentation and recordkeeping are critical to the success of Harbors environmental program. Photo documentation provides a simple and straightforward method to illustrate whether environmental compliance has been achieved and is essential in follow-up activities. If conducting multiple inspections on one day, the inspection should begin the photo documentation with a picture of an overview of tenant facility or an area where the operator of the facility can be easily identified. The inspector should record photo numbers on Harbors' revised Compliance, BMP, and P2 Inspection Checklist for Tenants (Attachment 4).

5.5.1 Compliance, BMP, and P2 Inspection Checklist for Tenants

Harbors' revised Compliance, BMP, and P2 Inspection Checklist for Tenants is the primary recordkeeping tool utilized during the inspection (Attachment 4). Inspectors may find it helpful to fill out portions of the form in advance, such as the tenant contact information and notes within each relevant section on the environmental assets or issues of concern. Additionally, some information collected during the inspection may be helpful for other Harbors sections, such as Property Management Section, to update their database.

As reviewing listed sections (e.g., Storm Water, Maintenance and Repair, Fueling, Washing, etc.), the inspector should take time to complete each section with comments and observations. Each lined item should be checked whether the item is "Y" (for yes), "N" (for no), or "N/A" (for not applicable). Any item checked with "N" require at a minimum comments, explanation, and/or further investigation. A copy of the inspection report will be sent to the tenant upon completion. It will become a part of the permanent Harbors tenant file.

6.0 ENFORCEMENT

The primary objective of Harbors environmental enforcement program is to a) motivate tenants to voluntarily comply with the environmental regulations, lease agreements, and/or revocable permits; b) to correct any violation; and c) to encourage tenants to operate their facilities in accordance with Harbors environmental policy and applicable BMPs. This enforcement program is developed and implemented to assist in protecting Harbors' environmental resources.

6.1 Scope of Authority

The enforcement options available to Harbors range from administrative actions (including written warnings and eviction notice) to the issuance of citations and a district court verdict of a misdemeanor or fine. Three general areas of the environmental enforcement are enclosed in Attachment 2 as following:

- ❖ HRS Title 15 Chapter 266 authorizes Harbors to issue citations and summons for violations of its rules and have its actions enforced through the district courts by verdict of a misdemeanor or fine.
- ❖ HAR Title 19 Chapters 41 to 44 establishes uniform safety measures, operational standards and requirements, and the conduct for all tenants at State of Hawaii harbors.
- ❖ The tenant lease agreement or revocable permit that provides Harbors with the right of entry to conduct inspection and authority to terminate the permit or lease.

However, individual inspectors (such as Environmental Section personnel or their designees) may not have the authority to pursue all areas of enforcement and would refer cases to the appropriate individuals or agencies when necessary.

There are two types of violations – Class I violation and Class II violation, which are based on potential to discharge or cause environmental harm, magnitude of the violation (e.g., failure to apply for Industrial or Construction General Permit Coverage), duration of the violation, and violator's compliance history.

- ❖ Class I violations are related to submittal of permit application, BMP removal during wet weather, ongoing or imminent discharges of pollutants, and other activities capable of causing imminent impact to the environment, or where the tenant has a previous history of noncompliance with environmental laws, lease agreement, or revocable permit.
- ❖ Class II violations usually pose no significant impact on the environment. They are easily preventable or are administrative in nature. Class II violations include recordkeeping, reporting, BMP installation/maintenance, absence from the *Annual Storm Water Pollution Prevention Awareness Training* provided by Harbors, and other activities when there is ample time for correction prior to the discharge of pollutants and where the tenant has not had a previous history of noncompliance.

6.2 Enforcement Documentation

The levels of written enforcement actions to be utilized by inspectors, in order of increasing severity, are as follows:

- ❖ Oral or Verbal Warning
- ❖ Written Warning (e.g., Tenant Inspection Report or Letter with Tenant Inspection Report)
- ❖ Suspected Illicit Discharge Report
- ❖ Environmental Investigation Report
- ❖ Notice of Apparent Violation
- ❖ Issuance of Summons or Citation
- ❖ Notice of Finding and Violation [NFV] and Order (by HDOH)

The following sections contain brief descriptions of each level of enforcement action and procedures for implementation.

6.2.1 *Oral or Verbal Warning*

An oral or verbal warning is a spoken reprimand or a disciplinary measure, which will be issued verbally to a tenant where the finding is a minor discrepancy with one or two BMPs. It could also serve the purpose of outreach to the tenants. In most cases, oral or verbal warnings provide a more efficient way for the tenant to take corrective actions. Usually, it is issued in combination with other enforcements. Conditions that warrant an oral or verbal warning may include, but not limited to, unpermitted vehicle washing, open garbage bin (partially or full of litter) observed, and a potential illegal dumping/discharge.

6.2.2 *Written Warning*

A written warning will be issued to a tenant where the finding is limited to conditions that do not pose an immediate threat to the environment and/or the public. Conditions that warrant a written warning may include but not limited to:

- ❖ Improper storage of batteries
- ❖ Improper waste management
- ❖ Lack of or out-of-date spill plans
- ❖ Lack of good housekeeping
- ❖ Lack of proper labeling on drums
- ❖ Lack of placing drip pans or absorbent sheets beneath a vehicle

For any discrepancy observed during an inspection, a recommended corrective action will be identified in the Tenant Inspection Report, which could be served as a written warning. A carbonless copy of the Tenant Inspection Report will be mailed to the tenant upon completion. This report could also be presented to the tenant during the inspection conference. If any major

discrepancy is observed during inspection, a letter combined with the Tenant Inspection Report will be mailed to the tenant with a compliance deadline (typically within 20 calendar days). These documents will become a part of the permanent tenant file.

When necessary, a follow-up inspection should be conducted to verify that the infractions were corrected. If the tenant does not respond to the written warning by the deadline, the Environmental Section will issue an NAV and notify the HDOH for further enforcement actions, if necessary. Meanwhile, a copy of the Tenant Inspection Report, together with the inspection checklist, would be forwarded to the HDOH.

6.2.3 Suspected Illicit Discharge Report

The Suspected Illicit Discharge Reporting Form is designed to be used by Harbors personnel (other than Environmental Section) for the reporting of any observed suspected illicit discharge to Harbors storm drainage system and harbors. A suspected illicit discharge, depending on the nature of the incident, could be classified as a Class I violation or Class II violation. Upon completion, this report, together with photo documentations, if any, should be forwarded to Environmental Section for further follow-up or investigation if warranted.

Examples of illicit discharges include, but are not limited to, unpermitted vessel discharges, uncontained vessel painting/chipping/sandblasting/cleaning, sink discharging directly to ground or storm drainage system, and uncontained vehicle/equipment/building/sidewalk washing. A blank copy of the form is enclosed in Attachment 5.

6.2.4 Environmental Investigation Report

The Environmental Investigation Report is used in occurrence of a Class I violation. It can be used either as a follow-up to a written warning or as an initial enforcement response to the targeted violation. Upon discovering a Class I violation at a tenant facility, the Environmental Section personnel shall generate an Environmental Investigation Report, while observations are still fresh in mind. It is used as a formal documentation of an alleged Class I noncompliance. A blank copy of Environmental Investigation Report is enclosed in Attachment 6.

The Environmental Investigation Report identifies witnesses or inspectors, the investigation purpose, weather conditions, a description of facility operations, incident date, any deficiency observed during investigation, interviews if any, violations applicable to that deficiency, recommendations, plans for correction, photographic documentation, and any action taken by both the Environmental Section and tenant. This report will become part of the permanent tenant file.

6.2.5 Notice of Apparent Violation

An NAV letter will be issued to a tenant in the circumstance of a Class I violation. It is used to

send a stronger message than a written warning. It documents Harbors' efforts to have the tenant voluntarily come into compliance with the environmental laws and implementing applicable BMPs. It also serves as a basis for future penalties, should the occurrence of violations continue or even increase. The NAV shall be sent to the tenant by certified mail with a compliance deadline (typically within 20 calendar days). The NAV will become part of tenant permanent file.

6.2.6 Issuance of Summon/Citation

The issuance of the Summons/Citation by Harbors requires that the tenant appear before a District Judge to address the violation and corrective action. This action may lead to fines and/or a criminal penalty and is utilized in severe cases where negligent non-compliance is repeated and/or significant harm to property or environment has occurred. Situations which call for summons or citation will be referred to the appropriate State Attorney General Representative for implementation. Harbors and its designees will function as documentation and witness to actions requiring this level of response. Therefore, it is essential to accurately and thoroughly record actions that might escalate to this level.

6.2.7 Notice of Finding and Violation, Order, and Further Action

An NFV specifies the alleged violation and contains an order requiring the named individual(s) to submit a written schedule within 30 days to the Director of HDOH specifying the measures to be taken and the time within which such measures shall be taken to bring that violator into compliance with HRS Title 19 Chapter 342D (Water Pollution) or other applicable statutes. General procedures related to an NFV are:

- If the alleged violator submits a schedule, the Director of HDOH has 30 calendar days to concur or modify the submitted schedule. Any schedule not acted upon after 30 calendar days of receipt by the Director of HDOH shall be deemed acceptable.
- If the alleged violator does not submit a written schedule within 30 calendar days of receipt of the NFV and Order, the Director of HDOH shall issue a cease and desist order against the activities that violate the state law (e.g. HAR Title 19 Chapter 342D).
- If the Director of HDOH determines that any person has violated an accepted schedule or order issued concerning this NFV, the Director of HDOH shall impose penalties by sending a notice in writing, either by certified mail or personal service, to that person, describing such non-adherence or violation with reasonable particularity.
- Any administrative penalty imposed by the HDOH shall become due and payable 20 calendar days after a notice of penalty is served to that person(s) unless a hearing with the Director of HDOH is requested.
- The person(s) named in the NFV may request in writing a hearing before the Director of HDOH. Any hearing shall be conducted as a contested case under HRS Title 8 Chapter 91. If the Director of HDOH finds a violation has occurred after a hearing held pursuant to this section, s/he shall affirm or modify any penalties imposed, or shall modify or affirm

the order previously issued and issue an appropriate order or orders for prevention, abatement, or control of the violation or discharges involved, or for the taking of such other corrective action as may be appropriate. Whenever a hearing is requested on any penalty imposed, the penalty shall become due and payable only upon completion of all review proceedings and the issuance of a final order confirming the penalty in whole or in part. If, after a hearing on an order or penalty contained in a notice, the Director of HDOH finds that no violation has occurred or is occurring, s/he shall rescind the order or penalty. Any order issued after hearing may prescribe timetables for violation(s), and shall prescribe timetables for necessary action in preventing, abating, or controlling the violation or discharges.

6.3 Description of Enforcement Steps

The goal of Harbors environmental enforcement program is to motivate tenants to voluntarily comply with their environmental obligations. The designated environmental compliance officers [ECO] at Harbors are encouraged to assist tenants, without being prescriptive, on how the tenant can achieve environmental compliance. Such assistance includes suggesting that the tenant consult a professional if needed.

In the event that an enforcement action is required, the ECO will identify the appropriate enforcement response to achieve compliance. If the tenant cannot achieve compliance by implementing the appropriate corrective action, the ECO will “escalate” the enforcement response by issuing a more severe action. Harbors has developed a tiered approach of escalating enforcement actions based on the severity of the violation and the tenant’s compliance response history. A description of the different levels of enforcement action is included in Section 6.2.

The following is a step-by-step progression of a general enforcement action if an NPDES violation or illicit discharge is alleged. The process is also depicted in Figure 6-1. The indicated timeframes may be amended through an extension granted by Harbors or HDOH, if requested by the tenant. The enforcement actions proceed along two separate courses depending upon whether the violation is considered Class I or Class II. All noncompliance findings will be documented and kept on file by the Harbors Environmental Section.

6.3.1 Potential Violation Observed During Routine Tenant Inspection

The ECO will record the potential violation, observed during routine tenant inspection, on Harbors’ revised Compliance, BMP, and P2 Inspection Checklist for Tenants.

- If the potential violation is considered Class II, the tenant will be issued with an oral or verbal warning and/or provided a copy of Tenant Inspection Report upon completion. The ECO will re-inspect the tenant within 20 calendar days, if warranted, to ensure that potential violation has been corrected.

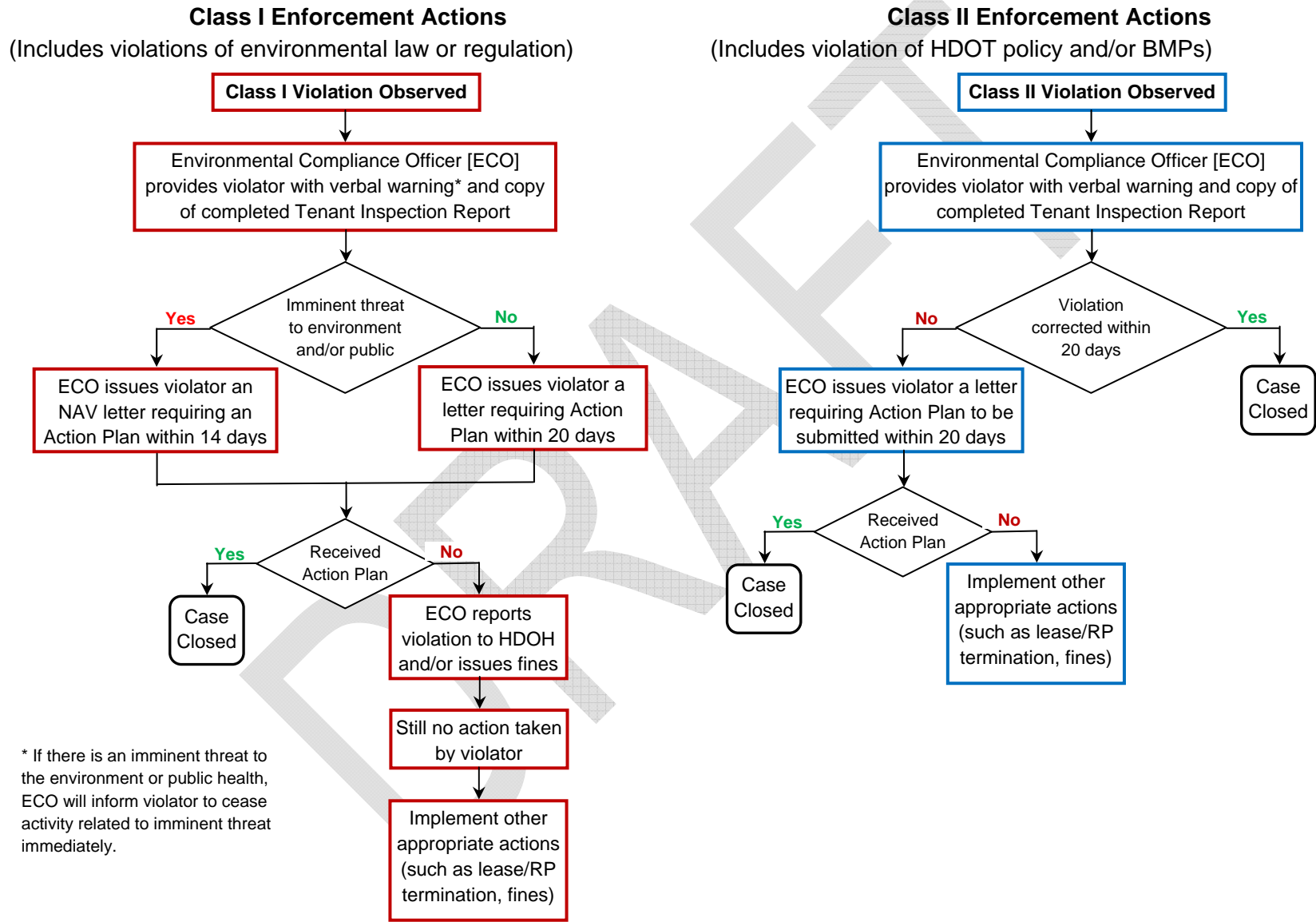
- If the tenant fails to take corrective action, the ECO will issue a written warning letter, requiring an Action Plan within 20 calendar days, to the tenant. The Action Plan shall denote the tasks that the tenant is required to complete to come into compliance within reasonable timeframe.
- If the tenant fails to take any corrective action and is not able to submit the Action Plan to the Environmental Section within 20 calendar days, other appropriate actions will be implemented (e.g., issuing fines, terminating the lease or revocable permit, etc.).
- If the potential violation is considered Class I but not posing imminent threat to the environment or the public, the ECO will issue an oral or verbal warning to the tenant and then provide a written warning letter requiring corrective action or an Action Plan to be submitted within 20 calendar days. The Action Plan shall denote the tasks that the tenant is required to complete to come into compliance within reasonable timeframe.
 - If the tenant fails to take corrective action and is not able to provide an Action Plan within 20 calendar days, other appropriate actions will be implemented (e.g., issuing fines, terminating the lease or revocable permit, etc.).
- If the potential violation is considered Class I and posing an imminent threat to the environment or the public, the ECO will provide an oral/verbal warning and direct the responsible party to stop the activity relating the imminent threat immediately. Additionally, the ECO will draft a letter that will require the tenant to correct action or submit an Action Plan to correct the violation within 14 calendar days.
 - If the tenant fails to take any corrective action and is not able to submit an Action Plan within 14 calendar days, the ECO will issue fines. Meanwhile, the violation will be reported to the HDOH. In addition, the ECO can also implement other appropriate actions such as termination of the lease or revocable permit.

6.3.2 Potential Violation Reported by Other Harbors Personnel

Potential violation, reported to the Environmental Section (e.g., using *Suspected Illicit Discharge Reporting Form*), will be evaluated (through follow-up inspection if warranted) and classified as Class I or Class II.

- If the reported potential violation is considered Class II, the responsible party will be provided with an oral or verbal warning during follow-up inspection if warranted.
- If the potential violation is considered Class I, the ECO will issue an NAV to the responsible party and request corrective actions to be taken or an Action Plan to be submitted within 20 calendar days. The Action Plan shall denote the tasks that the tenant is required to complete to come into compliance within reasonable timeframe.

Figure 6-1 HDOT Harbors Tenant Enforcement Action Flow Chart



7.0 TRAINING

Inspector, tenant, and employee training are designed to ensure that storm water pollution prevention requirements and responsibilities are clearly shared and understood by all personnel responsible for preventing storm water pollution at Harbors. Inspector training ensures that complete and accurate inspections and enforcement actions, under the NPDES program, are conducted at all tenant facilities. Tenant and employee trainings will be provided by the Environmental Section. These trainings are a necessary part of education and outreach for the implementation and enforcement of pertinent BMPs.

7.1 Harbors Inspector Training

This manual will guide Harbors personnel and contract management staff tasked with implementing and overseeing Harbors tenant inspections and enforcement activities. The key risk ranking criteria detailed in Section 3 determines the overall risk ranking and frequency of inspection for each tenant. The inspection description, procedures and enforcement responses are covered in Sections 4, 5, and 6 of this manual, respectively.

In addition to this manual, new inspectors will gain inspection experience by spending at least 24 hours conducting tenant inspections with experienced inspectors. During the inspection, the new inspectors will observe how the experienced inspectors conduct tenant inspections as well as conduct their own inspections with assistance from the experienced ones. New inspectors will continue to have frequent interactions with the experienced inspectors to discuss inspection issues as they arise.

7.2 Harbors Tenant Training

Tenant Annual Storm Water Pollution Prevention Awareness Training will be provided to Harbors tenants. This annual training will discuss issues related to storm water pollution awareness including regulatory background, NPDES program requirements, general permit allowable discharges, illicit discharge detection and elimination program, construction site run-off control, post construction run-off control, storm water drainage system protection, fueling activities, waste management, spill prevention and response, recommended best management practices, common sources of storm water pollution, common operations causing potential illicit discharges, low-impact development, pollution prevention and good housekeeping, tenant inspections, enforcement response program, and other environmental compliance measures applicable to Harbors.

New tenants will be provided with a New Tenant Information Package along with their lease agreement and/or revocable permit so that they are aware of the environmental requirements and responsibilities prior to their tenancy with Harbors. The New Tenant Information Package will include educational materials describing the responsibilities of the tenant and resources for obtaining additional information regarding storm water pollution (e.g., storm water awareness

message, information on pollution prevention and good housekeeping, etc.). This package ensures that new tenants are aware of the storm water requirements in the tenant lease agreements and/or revocable permit, apply appropriate BMPs based on activities to be conducted on the premises, and understand how to identify and report illicit discharges.

7.3 Harbors Employee Training

Employee Annual Storm Water Pollution Prevention Awareness Training will be provided to Harbors employees. This in-house employee training will emphasize storm water management and pollution prevention. The employee training program will instill personnel directly participating in the storm water management program with an understanding of the SWMP, illicit discharge detection and elimination program, construction site run-off control, post-construction storm water management in new development and redevelopment, pollution prevention, good housekeeping, and “chain-of-command” internal reporting procedures.

In addition, this training will provide personnel tasked with general surveillance and reconnaissance of Harbors property an in-depth explanation of the enforcement response program including, but not limited to, the use of the *Suspected Illicit Discharge Reporting Form* and *Notification List for Oil Spills and Illicit Discharges*.

8.0 ANNUAL PROGRAM REQUIREMENTS

Implementation of this **Tenant Inspection and Enforcement Manual** will help Harbors employees and tenants comply with regulatory requirements, storm water BMPs, and P2 opportunities that may be applicable to each individual tenant.

Tenants will be inspected on a frequency determined by the risk ranking procedures outlined in Section 3. The inspection procedures, inspection process, and potential enforcement actions are further detailed in this manual to guide Harbors personnel tasked with the responsibility of storm water pollution prevention.

8.1 Risk Ranking Review

The Environmental Section will review and re-evaluate the tenant risk ranking results as part of the routine inspection process on a regular basis. The risk ranking criteria explained in this manual will be followed to ensure that a consistent review process is completed for all Harbors tenants. Changes to the risk ranking determination will be noted in the *Tenant Inspection Tracking List* table contained in the database.

8.2 Annual Reporting

Harbors is required to submit annual compliance reports to HDOH. Reports should include lists of tenants from each regulated harbor, including the respective risk rankings, inspection dates, enforcement actions taken, and follow-up activities. These reports should also summarize the number and dates of tenant inspections and enforcement program trainings, types of trainings, and attendees participating at each event.

9.0 REFERENCES

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Caltrans 2003, *Storm Water Management Enforcement Guidance Manual*: State of California Department of Transportation, Division of Construction, CTSW-RT-03-110.31.30-1, December 2003.

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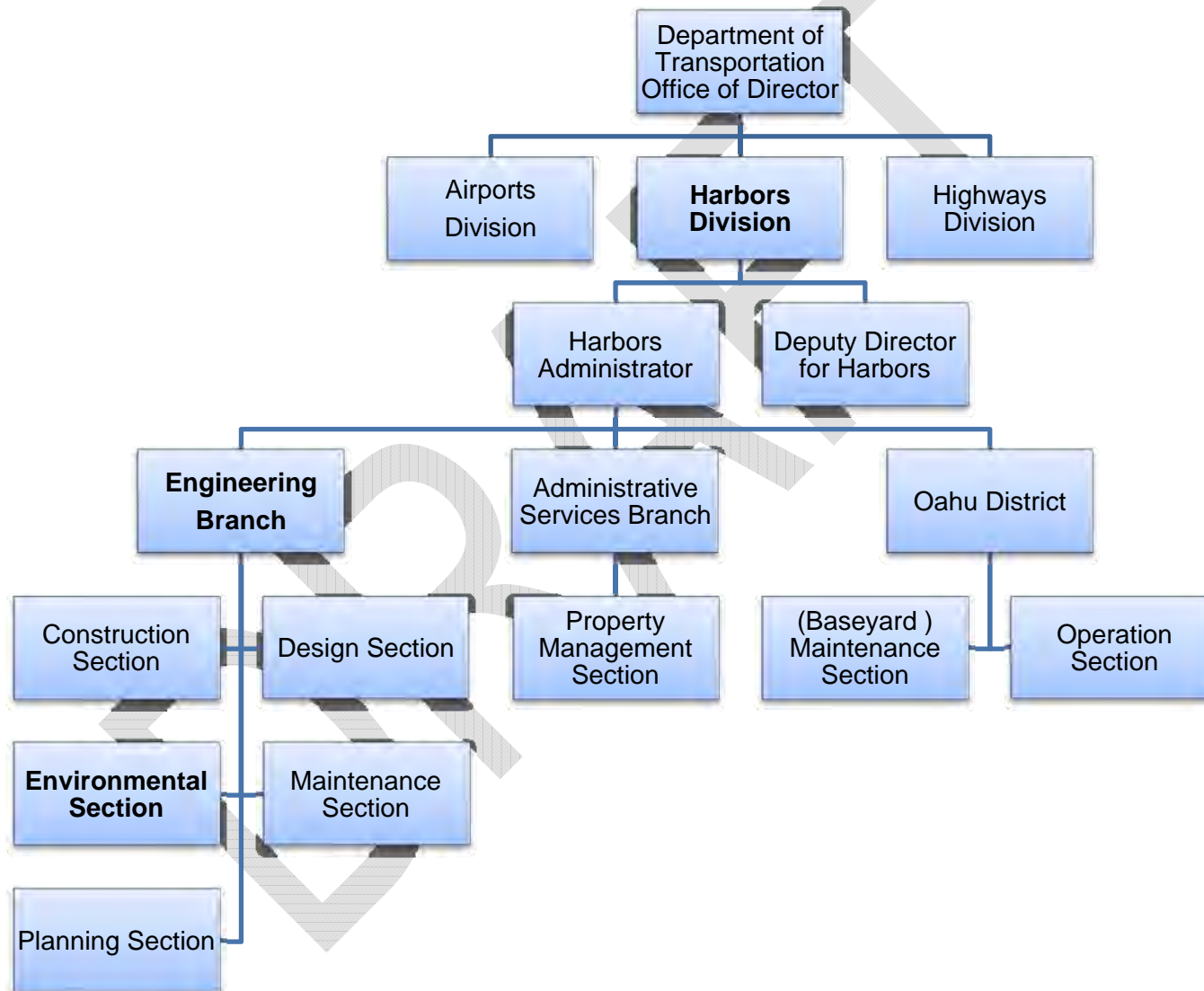
EPA 2000, *Stormwater Phase II Final Rule*: United States Environmental Protection Agency, EPA 833-F-00-001, Fact Sheet 1.0 (revised December 2005), January 2000.

Harbors 2009, *Inspection and Enforcement Manual*: State of Hawaii Department of Transportation, Harbors Division, November 2009.

Attachment 1

HDOT Harbors Division Environmental Group Organizational Chart

State of Hawaii Department of Transportation, Harbors Division Environmental Group Organizational Chart



Attachment 2

HDOT Harbors Rules and Regulations and Examples of Tenant Lease Agreement and Revocable Permit

HARBORS RULES AND REGULATIONS FOR ENVIRONMENTAL COMPLIANCE

The Harbors environmental inspectors have been given enforcement actions that include verbal warnings, written citations, and potential tenant eviction.

Hawaii Revised Statutes Title 15 Chapter 266

HRS 266-3 establishes Harbors authority to establish and enforce its rules. The Harbors then relies on **HRS 266-24**, which permits the Director of Transportation the authority to designate persons to enforce Chapter 266 and all rules and orders issued pursuant thereto and of all other laws of the state.

Such officers, employee's agents, and representatives of Harbors have police powers to serve and execute warrants and arrest offenders, and the power to serve notices and orders. When arresting or issuing a citation to a purported violator of any provision of Chapter 266, the Director of Transportation's designee, hereinafter "enforcement officer" can issue a summons or citation (similar to a traffic ticket) warning or directing the violator to appear and answer the charge before a district judge, or take the purported violator without delay before a district judge.

Penalties for violating the provision of Chapter 266 or rules or orders issued pursuant to Chapter 266 are issued by the district court and includes a finding or guilty or not guilty verdict of a misdemeanor and a fine.

Fines arising from environmental protection violations include reimbursing the HDOT for the entire amount of the HDOH or EPA fine under **HRS §266-28** and can include an additional amount of not more than \$10,000 per violation under **HRS §266-25**.

Hawaii Administrative Rules Title 19 Chapters 41 to 44

HDOT adopted these chapters to regulate operations at the state harbors. **Chapter 42-126 and 42-127** specifically apply to environmental regulation. These rules require that no litter be left within a state harbor, except in properly marked bins. In addition, oil, oily refuse, sludge, chemicals, or other hydrocarbons should only be deposited in designated collection points. Specifically, Chapter 42-127 can be applied to activities such as maintenance or washing that has the potential to discharge into state water. Below is an excerpt from Chapter 42-127:

"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."

Chapter 42 contains language specifying storage, usage, and/or handling requirements for hazardous materials or other regulated potential pollutants. These chapters detail specific environmental practices where enforcement is implemented through arrest or citation and presented before the district judge. The major components of Chapter 42 are summarized below.

Chapter 42-15 – Compliance with Federal, State, and County Laws, Ordinances and Rules

- Use of state harbors and harbors facilities is subject to compliance with all applicable federal, state, and county laws, ordinances, rules and regulations.
- Specific rules include the use of rat guards and other measures to prevent rodents from leaving the vessel, DOH rules pertaining to air and water pollution, and fire department rules.

Chapter 42-16 – Citation for Violation

- Citations issued, pursuant to HRS 266-24.1, to a commercial firm for violation of this part may be issued to any agent, officer, or manager of the firm.

Chapter 42-52 - Small Craft and Smaller Commercial Vessel Repairs, Reconstruction or Major Modification

- Minor repairs to small craft and smaller commercial vessels may be made at the assigned berth and shall be completed within thirty days.
- Prior approval is required for maintenance that lasts more than thirty days or for the use of cranes, lifts, and any similar devices within the harbor.

Chapter 42-103 through 105 – Explosives

- No vessel containing more than five hundred pounds of Class A, one ton of Class B, and/or ten tons of Class C explosives (net explosive content) shall enter or be loaded in any harbor without prior written consent.
- Handling and hauling of explosives will be conducted in a safe and careful manner.

Chapter 42-106 – Containers for Flammable Liquids

- Containers of flammable liquids cannot be placed on the wharf unless they are securely closed with metal screw plugs.
- Containers of flammable liquids must be removed by carrier immediately.

Chapter 42-107 – Nitrate of Soda, Nitrate of Ammonia, Sulphur, and Other Similar Materials

- No nitrate of soda, nitrate of ammonia, sulphur, or other similar material shall be stored or left upon any wharf for more than four hours unless packed in sound and non-leaking containers. Additionally, the material must be stored under continuous guard until removed.
- After handling the material, the wharf must be swept clean and free of such materials.

- A protective device approved by the harbor master shall be used during the period of loading or unloading to prevent the material being handled from falling upon the wharf structure.
- For the purposes of firefighting, containers of not less than 50 gallons at intervals of not more than 50 feet containing nitrate of soda and water are required.

Chapter 42-108 – Dangerous Acids; Electric Storage Batteries

- No acids can be placed on the wharf until the carrier is ready to receive it.
- Electric storage batteries that are securely boxed are exempt from this rule.

Chapter 42-113 – Repair, Manufacturing, Construction, or Maintenance Work on Wharf

- No person shall make any repair or do any kind of manufacturing, construction, or maintenance work on any wharf without the permission of the harbor master.

Chapter 42-129 – Duty of Persons Who Lose, Drop, or Abandon Any Floating or Sinking Object

- If an object is lost, dropped, or abandoned in the navigable waters and shore waters of the state, that person must notify the harbor master and take action to retrieve the object.

Chapter 42-132 – Waste Outlets; Permit Required

- Permit is required to discharge any wastes from shore into the waters of a state commercial harbor so as to reduce the quality of the water below the standards of water quality adopted for such waters by the State Department of Health.
- Permit is required to construct, install, modify, alter, or operate any treatment works or part thereof or any extension or addition thereto which discharges from shore into the waters of a state commercial harbor.
- Permit is required to construct or use any new outlet for the discharge of any wastes from shore into the waters of a state commercial harbor.

Chapter 42-136 – Fueling

- A permit is required for fueling and the operator must have an insurance policy of not less than \$500,000.
- Prior to fueling a vessel at a state harbor, the operator shall securely moor the vessel; stop all engines, motors, fans, and devices which could produce sparks; extinguish all fires; close all ports, windows, doors, and hatches; and clear the area of people not involved in the operation.
- During fueling, the operator shall refrain from smoking, striking matches, or throwing switches; and keep the nozzle of the fuel hose, or fuel can in continuous contact with the fuel tank opening to guard against static sparks.
- After fueling, the operator shall close fill openings; wipe up all spilled fuel; open all ports, windows, doors, and hatches; permit vessel to ventilate for at least five minutes; and check that there are no fuel fumes in the vessel's bilges or below deck spaces before starting machinery or lighting fires.

- Fueling a vessel from a fuel barge or tanker barge shall be allowed only when it is done in accordance with operational procedures approved by the U. S. Coast Guard.

Note: The majority of Chapter 42 deals with loading and unloading of hazardous materials and does not apply to storage of materials and waste that are used at harbor tenant facilities. In the case of improper use, manage, or storage of hazardous substances or wastes, Harbors will follow the terms and conditions contained in the tenant lease agreement or revocable permit as stated below.

Enforcement Officers may issue penalties under HAR Title 19 for the following circumstances:

- A tenant in violation of an environmental regulation, but where a Written Warning is not an effective tool.
- A tenant in violation of a Harbors requirement, but not in violation of HDOH storm water regulations.
- A transient vessel owner in violation of a Harbors requirement, BMP, or HDOH storm water regulation, although not subject to a tenant lease agreement or revocable permit.

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.

1. **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.

2. **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.

5. 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.

6. 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.

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 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.

8. **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.

9. **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.

12. 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.

Attachment 3

Best Management Practices

Storm Water

BEST MANAGEMENT PRACTICES



Vehicle and Equipment Washing

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

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

BMP Implementation

Primary Option: Off-site Washing

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

Secondary Option: On-Site Washing

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

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

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

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

¹ EPA Municipal Vehicle and Equipment Washing BMP Fact Sheet

The State Department of Transportation, Harbors Division has developed the 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



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 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



Outdoor Material Storage

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

BMP Implementation

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

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

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

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

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

The State Department of Transportation, Harbors Division has developed the 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



General BMPs for Businesses

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

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

BMP Implementation

Cleaning

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

Maintenance

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

Landscaping

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

Spill Response

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

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

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

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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 shall be disposed in the proper manner and in accordance with all applicable federal and state laws. Examples of hazardous wastes are:

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

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

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

BMP Implementation

Primary Option:

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

Secondary Options:

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

The State Department of Transportation, Harbors Division has developed the 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>



Storm Water BEST MANAGEMENT PRACTICES



Material Delivery and Handling

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

BMP Implementation

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

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

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

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

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

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

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.

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Storm Water

BEST MANAGEMENT PRACTICES



Building and Remodeling

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

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

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

BMP Implementation

Soil Erosion and Sedimentation

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

Housekeeping During Work

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

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

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.

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Phone: 808-587-1962

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Attachment 4

Compliance, BMP, and P2 Inspection Checklist for Tenants



State of Hawaii Department of Transportation Harbors Division
Compliance, BMP, and P2 Inspection Checklist for Tenant

Harbors: _____
Inspector(s): _____

Date/Time: _____
Weather Conditions: _____

Tenant Business Name: _____	
Tenant Permit(s): _____	
Facility Location: _____	
Facility Mailing Address: _____	
Tenant Representative: _____	
Phone Number: _____	Mobile Number: _____
Fax Number: _____	E-mail Address: _____
EPA ID No. (if any): _____	IWDP No. (if any): _____

Facility Description:
Site Drainage Description (including stenciling):
Any illicit discharge into Harbors storm water system? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If "Yes", please describe here:

Operations:
<input type="checkbox"/> Vessel Maintenance
<input type="checkbox"/> Vessel Fueling
<input type="checkbox"/> Vehicle/Equipment Maintenance
<input type="checkbox"/> Petroleum Product Storage
<input type="checkbox"/> Hazardous Material Storage
<input type="checkbox"/> Waste Handling
<input type="checkbox"/> Vessel Washing
<input type="checkbox"/> Vehicle/Equipment Fueling
<input type="checkbox"/> Vehicle/Equipment Washing
<input type="checkbox"/> Material Storage
<input type="checkbox"/> Material Handling
<input type="checkbox"/> Building Maintenance

NPDES Compliance <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	If "Yes", please complete this section
NPDES Permit Number: _____	Expiration Date: _____
DMR Compliance: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Last round of sampling: _____
SPCC Compliance: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<ul style="list-style-type: none">• The facility maintains records of monitoring data for a minimum of five years?• The facility has a SWMP and/or SWPCP?• The facility has filed a Discharge/Connection Permit with Harbors?• Discharge points do not exhibit unusual characteristics (e.g., sheen, color)	<div><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</div>

Material Inventory:

No.	Inspection Item	Yes	No	N/A	Remarks
	Storage				
1	SPCC Compliance: Facility with an aggregate shell capacity of 1,320 gallons or more of petroleum products.				
2	AST Containment: ASTs are situated over an impervious surface, have adequate secondary containment and integrity protection, and containment drain valves are kept locked.				
3	AST Overflow Protection: Bulk product ASTs are equipped with overflow protection alarms or automatic shutdown pumps.				
4	AST Malfunction: Visible piping, tanks, and hoses do not exhibit signs of leakage, wear, or malfunction.				
5	Oily Equipment: Oily or leaking equipment is stored under cover or with drip pans. Drip pans are emptied and replaced as needed.				
6	Storm Water Management: Storm water accumulation in secondary containment is minimized, managed, disposed of correctly, and logged.				
7	Salvaged Equipment/Vehicle: Fluids and batteries are removed from salvaged equipment/vehicle before storage.				
8	Outdoor Material Storage: Outdoor storage areas have coverings that prevent contact of these items with storm water. Materials are kept above the ground higher than the level of runoff.				
9	Labeling: Containers are properly labeled.				
10	Compatibility: Containers are stored in an organized manner, compatible with other stored materials, labeled correctly, and not stored past allowable holding times.				
11	EPCRA: The facility is required to report chemical inventory (Tier II) and/or Toxic Release Inventory (TRI) report.				
	Fueling				
12	Fueling BMPs: Fueling area engineering controls and BMPs are effective in preventing storm water run on/off.				
13	Fueling Inspections: Equipment in fueling areas do not exhibit signs of leakage, wear, or malfunction. An inspection log is available for inspection.				
	Washing				
14	Vessel/Vehicle/Equipment Washing: Vehicle or equipment washing is conducted with approval from HDOT Harbors.				
15	Hand Washing: Hand or dish washing is conducted over a sink that is plumbed to sanitary sewer or is disposed of appropriately.				
	Vessel/Vehicle/Equipment Maintenance				
16	Vehicle/Equipment Maintenance Area: Maintenance is conducted in a designated area, preferably covered.				
17	Preventative Maintenance: Preventative maintenance is performed on vehicles and equipment to prevent leaks. Records are kept.				
18	Maintenance Logs: Vehicle and equipment lots are monitored periodically for leaks and/or drip pans are used.				
19	Parts Washer: Parts washer fluid is disposed of appropriately with an disposal contractor.				
	Material Handling				
20	Material Handling Area: Loading areas are free of unattended stains or pavement degradation that would indicate poor material handling practices.				
	Spill Response				
21	Spills and Stains are cleaned thoroughly.				
22	Spills Kits are kept in all high risk areas and are refilled regularly.				
23	Spill Recording: Records have been kept of spills and releases in the SWPCP or SPCC Spill and Discharge Log.				

No.	Inspection Item	Yes	No	N/A	Remarks
24	Harbors Environmental Hotline: Emergency storm water contact numbers have been posted on site.				
	Building Maintenance & Housekeeping				
25	Sweeping: Trash, debris, and dirt are swept up regularly.				
26	Deck/Floor Washing: Dry sweeping or mopping is conducted instead of spraying/hosing down.				
27	Sumps and OWS Maintenance: Structural controls such as containment sumps or OWSs are emptied and serviced regularly.				
28	Cleanliness: All work areas and storage areas are neat and clean.				
	Waste Handling				
30	Trash Bins: Trash bins are kept closed when not in use and are not overflowing.				
31	Used Batteries: Spent lead acid batteries are protected from contact with stormwater runoff and placed in secondary containment while awaiting disposal. Batteries are disposed of in a timely manner.				
32	EPA Generators: Wastes are disposed properly, records are kept and hazardous waste generator status is known. Facility has an Environmental Protection Agency (EPA) hazardous waste generator identification number and follows appropriate regulations/requirements (CESQG, SQG, LWG).				
33	Hazardous Waste Containment: Hazardous waste and used oil storage areas have impermeable surfaces, adequate secondary containment, and integrity protection.				
34	Chemical Toilets are cleaned by contractors in a manner that does not allow chemicals (i.e. blue liquid) from entering the Harbor.				
	Training				
35	HDOT Harbors Annual Training: A representative has attended the most recent HDOT Harbors Storm Water Awareness Training.				If "No", the latest training attended:
36	Material Handling Training: Records of training are available for employees involved in material handling (e.g. forklift operators).				Most recent training date:
37	Container Storage Training: Records of training are available for employees involved in inspection of ASTs or chemical storage areas.				Most recent training date:
38	Fueling Training: Records of training are available for employees involved in large scale vehicle and equipment fueling.				Most recent training date:
39	Hazardous Waste Training: Records of training are available for employees involved hazardous/universal waste handling/disposal activities.				Most recent training date:
	General Observed BMPs				
40	Good Housekeeping				
41	Good Recordkeeping				
42	All personnel are well-trained				

Tenant Risk Ranking Criteria		Score
1	Vessel Maintenance and Repair	
	0 No maintenance activities are conducted.	
	1 Maintenance activities on any size vessel are conducted entirely indoors (with proper dust control BMPs), with no or minimal potential for discharge of pollutants.	
	2 Minor maintenance (30 day or less duration) for small vessels is conducted in their berth (with proper dust control BMPs) with minimal potential for discharge of pollutants.	
	3 Maintenance activities on large vessels are conducted outdoors and out of the water (with proper dust control BMPs), with minimal potential for discharge of pollutants.	
	4 Major maintenance activities on any size vessel are conducted in a partially confined or unconfined area with moderate potential for discharge of pollutants.	
	5 Maintenance activities on any size vessel are conducted in an unconfined area or in an area with significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
2	Vessel Fueling	
	0 No fuel transfer activities are conducted.	
	1 Fueling of small vessel is conducted by a fueling company with proper spill containment and diversion.	
	2 Fueling of small vessel is conducted with spill containment and diversion.	
	3 Fueling of large vessel is conducted in designated area with spill containment and diversion.	
	4 Fueling of small vessel is conducted in areas WITHOUT spill containment and diversion.	
	5 Fueling of large vessels is conducted in areas WITHOUT spill containment or diversion. (Automatic trigger to high risk designation)	
3	Vessel Washing	
	0 No vessel washing is conducted.	
	1 Vessel washing is permitted and conducted in an area designed to contain wash water and debris, with no or minimal potential discharge of pollutants.	
	2 Vessel washing is permitted and conducted in an uncontained area with no direct connection to Harbors storm water drainage system, or having a minimal potential for discharge of pollutants.	
	3 Vessel washing is permitted and conducted in an uncontained area with no direct connection to Harbors storm water drainage system, but having a moderate potential for discharge of pollutants.	
	4 Vessel washing is conducted in an uncontained area directly connected to Harbors storm drainage system, and has a moderate to significant potential for discharge of pollutants.	
	5 Vessel washing is conducted WITHOUT prior consent from Harbors, or not in compliance with EPA VGP or sVGP. (Automatic trigger to high risk designation)	
4	Vehicle and/or Equipment Maintenance and Repair	
	0 No equipment and/or vehicle maintenance activities are conducted.	
	1 Maintenance activities are conducted entirely indoors, on a small scale, with minimal potential for discharge of pollutants.	
	2 Maintenance activities are conducted entirely indoors, on a large scale, with minimal potential for discharge of pollutants.	
	3 Maintenance activities are conducted in a covered area with minimal to moderate potential for discharge of pollutants.	
	4 Maintenance activities are conducted outdoors within containment or in an area with minimal to moderate potential for discharge of pollutants.	
	5 Maintenance activities are conducted outdoors or in an area with significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
5	Vehicle and/or Equipment Fueling	
	0 No equipment and/or vehicle fueling activities are conducted.	
	1 Equipment and/or vehicle fueling is conducted by a fueling company with spill containment and diversion.	
	2 Equipment and/or vehicle fueling is conducted on a small scale in areas with spill containment and diversion.	
	3 Equipment and/or vehicle fueling is conducted on a large scale in areas with spill containment and diversion.	
	4 Equipment and/or vehicle fueling is conducted on a small scale WITHOUT spill containment and diversion, but not in areas adjacent to Harbors storm drainage system and nation's water.	

Tenant Risk Ranking Criteria			Score
	5	Equipment and/or vehicle fueling is conducted on large scale WITHOUT spill containment and diversion, or on any scale adjacent to Harbors storm drainage system WITHOUT spill containment and diversion. (Automatic trigger to high risk designation)	
6 Vehicle and/or Equipment Washing			
	0	No equipment and/or vehicle washing is conducted.	
	1	Equipment and/or vehicle washing is conducted in an approved and covered wash area following an approved method, with no or minimal potential discharge of pollutants.	
	2	Equipment and/or vehicle washing is conducted in an approved and uncovered wash area following an approved method with minimal potential discharge of pollutants.	
	3	Equipment and/or vehicle washing is conducted in an approved and uncovered wash area following an approved method with moderate to significant potential discharge of pollutants (e.g., adjacent to Harbors storm drainage system or nation's water).	
	4	Equipment and/or vehicle washing is conducted WITHOUT Harbors' approval and in an area with no direct connection to Harbors' storm drainage system and nation's water, and has a moderate to significant potential for discharge of pollutants.	
	5	Equipment and/or vehicle washing is conducted WITHOUT Harbors' approval and in an area that directly discharges to Harbors storm drainage system and nation's waters. (Automatic trigger to high risk designation)	
7 Aboveground Oil Storage (size of container ≥ 55-gallon ONLY)			
	0	No oil product is stored.	
	1	Less than 1,320 gallons of oil is properly stored in a covered area and has no or minimal potential for discharge of pollutants.	
	2	Less than 1,320 gallons of oil is properly stored in an uncovered area and has no or minimal potential for discharge of pollutants.	
	3	More than 1,320 gallons of oil is properly stored with no or minimal potential for discharge of pollutants, and the facility has an SPCC Plan.	
	4	More than 1,320 gallons of oil is properly stored with no or minimal potential for discharge of pollutants, but the facility does not have a SPCC Plan.	
	5	Oil is improperly stored and/or managed and has a significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
8 Container Storage			
	0	No materials are stored.	
	1	All materials are properly managed and stored completely indoors and have no or minimal potential for discharge of pollutants.	
	2	All materials are properly managed and stored under cover, and have minimal potential for discharge of pollutants.	
	3	Low toxicity materials are stored with moderate potential for discharge of pollutants.	
	4	Low toxicity materials are improperly managed and/or stored outdoors with significant potential for discharge of pollutants.	
	5	High toxicity materials are improperly managed and/or stored outdoors with moderate to significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
9 Material Storage and Handling			
	0	No materials/cargo are loaded/unloaded and stored.	
	1	All materials are handled and stored entirely indoors with no or minimal potential for discharge of pollutants.	
	2	Materials are handled and stored indoors and outdoors with minimal potential for discharge of pollutants with relevant BMPs in good and effective condition.	
	3	Materials are handled and stored outdoors with moderate potential for discharge of pollutants with relevant BMPs in fair condition.	
	4	Material handling and storage is conducted with significant potential for discharge of pollutants with relevant BMPs in poor condition.	
	5	Material handling and storage is conducted with significant potential for discharge of pollutants and no relevant BMPs in place. (Automatic trigger to high risk designation)	
10 Waste Handling and Disposal (excluding Used Oil)			
	0	No waste is stored.	
	1	All wastes are non-hazardous and stored indoors or outdoors in covered areas, and have no or minimal potential for discharge of pollutants.	

Tenant Risk Ranking Criteria			Score
	2	All wastes are non-hazardous and stored outdoors uncovered, and have moderate potential for discharge of pollutants.	
	3	Hazardous wastes are generated and tenant is classified as a CESQG. Hazardous wastes are properly managed, stored, and disposed of. Storage areas have no or minimal potential for discharge of pollutants.	
	4	Hazardous wastes are generated and the tenant is classified as a SQG or LQG. Hazardous wastes are properly managed, stored and/or disposed of. Storage areas have no or minimal potential for discharge of pollutants.	
	5	Hazardous wastes are generated and the tenant is classified as a CESQG, SQG or LQG. Hazardous wastes are improperly managed, stored, and/or disposed of. Storage areas have significant potential for discharge of pollutants. (Automatic trigger to high risk designation)	
11 Spill History			
	0	No history of oil/chemical spills.	
	1	One to three oil/chemical spills in minimal quantity (e.g., less than five gallons for oil) in the past three years.	
	2	One to three oil/chemical spills in moderate quantity (e.g., oil spill greater than 5 gallons but less than 25 gallons; for all other chemicals please refer to 40 CFR 302.4) in the past three years.	
	3	One to three oil/chemical spills greater than the reportable quantity (see 40 CFR 302.4) in the past three years.	
	4	More than three oil/chemical spills greater than reportable quantity in the past three years.	
	5	More than two oil/chemical spills entered into Harbors storm drainage system. Or more than five oil/chemical spills of any quantity in one calendar year. (Automatic trigger to high risk designation)	
12 Enforcement History			
	0	No verbal or written warnings were issued in the past three years.	
	1	Class II violations (such as verbal/written warnings and potential violations identified in an inspection report) were issued in the past three years and corrective actions were immediately taken by the tenant.	
	2	Class I violations (identified in an inspection report and documented in an NAV) were issued in the past three years and corrective actions were taken by the tenant.	
	3	Class II violations were issued in the past three years, but corrective actions were NOT immediately taken by the tenant.	
	4	Class I violations were issued in the past three years, but corrective actions were NOT immediately taken by the tenant.	
	5	Civil penalties were assessed for non-compliance in the past three years. (Automatic trigger to high risk designation)	
13 Training Attendance History			
	-2	The tenant has attended all annual trainings during its tenancy.	
	-1	The tenant has attended the most recent training.	
	1	The tenant has not attended the most recent training.	
	2	The tenant has never attended the training.	
14 Storm Drainage System Protection			
	0	There are no storm drain inlets on or down-gradient of the premises.	
	1	All storm drain inlets (on or near the premise) are stenciled and BMPs are in place and in good condition.	
	2	BMPs are in place and in fair condition.	
	4	BMPs are in place, but in poor condition and needed to be replaced.	
	5	The storm drain inlets do not have BMPs and are directly exposed to potential pollutants.	
15 Lease Agreement and/or Revocable Permit Requirements			
	0	Tenant appears to be in compliance with environmental requirements in their tenant lease or revocable permit.	
	5	Tenant is not in compliance with their revocable permit or lease.	

Total Risk Ranking Score: 0
Tenant Risk Ranking Category:

Attachment 5

Suspected Illicit Discharge Reporting Form



Suspected Illicit Discharge Reporting Form

General Information: Use this form to report a suspected illicit discharge. If you are unsure, please contact your supervisor or HAR-EE. Examples of illicit discharges: uncontained vehicle/equipment/building/sidewalk washing, sink discharging directly to ground or storm drain inlet, petroleum spills/sheens, unpermitted vessel discharges, uncontained vessel painting/chipping/sandblasting/cleaning, etc.

Observer Information

Name:			
Office Code:		Telephone Number:	
Report Date:			

Description of Suspected Illicit Discharge

Address or Location:		Time and Date:	
Description: (Include Substance and Amount, if known)			

Media into which the discharge occurred:

☐ Air ☐ Natural Soil ☐ Concrete/Asphalt Pavement ☐ Stream ☐ Ocean ☐ Other: _____

Responsible Party: (if known)	
Cause of Discharge: (if known)	
Clean-up Actions: (if applicable)	
Notifications Made:	

Please forward completed form and/or picture(s) to HAR-EE office. Fax Number: (808) 587-1964

Point of Contact for Reporting

Agency	Telephone Number
Harbor Traffic Control (Aloha Tower)	(808) 587-2076, (808) 368-5993 (Cellular)
Hawaii Department of Transportation Harbors Division, Engineering Environmental Section [HAR-EE]	(808) 587-1962, (808) 587-1976, (808) 587-1960

Additional Follow-up By HAR-EE (to be filled by HAR-EE):

Attachment 6

Environmental Investigation Report

Environmental Investigation Report
Department of Transportation
Harbors Division

ID#:		Date of Investigation:		Page: 1 of 5
Harbor:		Facility Name:		
Permit#:		Facility Address:		
Phone#:		SIC Code:		Property ID#:

Representatives / Inspection Purpose:

Weather Conditions:

Description of Facility Operations:

Inspection Findings:

Inspector Initials:

Environmental Investigation Report
Department of Transportation
Harbors Division

ID#:

Date of Investigation:

Page: 2 of 5

Inspection Findings (cont.):

Recommendations:

Inspector Initials:

Environmental Investigation Report
Department of Transportation
Harbors Division

ID#:

Date of Investigation:

Page: 3 of 5

Inspection Signatures:

Name:

Signature:

Title:

Organization:

Date:

Name:

Signature:

Title:

Organization:

Date:

Name:

Signature:

Title:

Organization:

Date:

Environmental Investigation Report Prepared by:

Date

Inspector Initials:

Environmental Investigation Report
Department of Transportation
Harbors Division

ID#:

Date of Investigation:

Page: 4 of 5

Photograph #1:

Observers:

Location:

Description:

Photograph #2:

Observers:

Location:

Description:

Photograph #3:

Observers:

Location:

Description:

Photograph #4:

Observers:

Location:

Description:

Inspector Initials:

Environmental Investigation Report
Department of Transportation
Harbors Division

ID#:

Date of Investigation:

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Photograph #5:

Observers:

Location:

Description:

Photograph #6:

Observers:

Location:

Description:

Photo Certification:

I certify that the six (6) attached photos described above were taken by the undersigned and are a true, accurate, and unaltered representation of what was observed on _____ at _____.

Inspector

Date

Inspector Initials:
